

83R DWH

Door and Window Replacement Hardware

■ Screen Wire, Supplies, and Tools

■ Storm Door and Window Supplies

■ Commercial Door Hardware

■ Insulating Glass Supplies and Tools

■ Replacement Hardware for U.S. Aluminum Architectural Systems

■ Patio Door Hardware

■ Home Security Hardware

■ Residential Window Hardware

■ Shower Enclosure Hardware

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CRL Corporate Headquarters in Los Angeles, California. CRL operates from 40 worldwide locations.

To Our Valued Customers

We would like to say "Thank You" to all of our customers and employees. Your help and encouragement has made it possible for C.R. Laurence Company to grow into the industry leader, and we plan to continue growing. Our goal is to listen, and challenge ourselves to better serve our customers.

Because of you we set our standards for innovation, service, and selection of quality products at the highest level. We consider it our responsibility to bring new technology to our industry so that we can all prosper.

Access to all CRL products and services is available to you through our "self-service" web site, **crlaurence.com**, the most comprehensive and convenient information source we can offer our customers. The CRL web site is a powerful communications device between your business and the CRL people who serve you. It also allows us to empower you to have more flexibility and control of your orders, making it possible for you to contribute in the process of our providing you with excellent service.

C.R. Laurence Company is making a major commitment to the improvement of our web site. It's your source for information and technical support, and to make it even more convenient, we have included in this catalog our **crlaurence.com** User's Guide, step-by-step instructions to a more satisfying visit to our "self-service" web site. In the next pages we will demonstrate just how simple it is for you to do business with us online. We hope you will find it easy to understand, and easy to use.

CRL83R is the latest evidence of our commitment to bring you the finest and most comprehensive line of door and window replacement hardware. We are proud to make it available to you.

This catalog is the fifth in our series of eight hard cover Master Catalogs, published so you can easily locate full details on all of our products. See pages XVIII to XXVI for additional information on the complete selection of CRL Catalogs.

CRL's success has been made possible through our transition into manufacturing. We are producing a growing number of products to fill all of your requirements, and we will continue to listen to your ideas for products to manufacture for our industry. As always, we plan to expand our product line to be a continuing source for the glass industry. We are also adding to the number of distribution facilities we use to serve you, with plans for more to come, in North America and worldwide.

Again, we thank you for your continued support. Without your ideas for better service, new products, and generally high expectations, we would not have enjoyed our growth and success. Let's continue our success together.

Donald E. Friese
Chairman and C.E.O.



Lloyd W. Talbert
President and C.O.O.

C.R. Laurence Co., Inc.

C.R. Laurence Company has over 20 distribution locations in or near major metropolitan areas to serve our customers in the United States. Los Angeles, California is home to Corporate Headquarters and to CRL Manufacturing. It is from here that over 60,000 quality products are distributed to the regional CRL service center that serves your business. For contact information and locations of all CRL facilities go to our web site at **crlaurence.com**.

C.R. Laurence Worldwide

C.R. Laurence Canada has five locations to serve all of Canada from coast-to-coast. We invite our customers in Canada to turn to page 931W for more information.

C.R. Laurence also has locations in Europe and Australia. Please see page 930W for information on CRL Worldwide Service.

U.S. Aluminum, Blumcraft, Jackson, and Columbia Manufacturing Become Part of the Future of C.R. Laurence

CRL U.S. Aluminum



C.R. Laurence Company is pleased to announce the acquisition of United States Aluminum. Originally founded in 1960, United States Aluminum offers the glass and glazing industry a broad range of high-quality storefront and curtain wall products available through a North American network of customer-focused service centers. Their engineers and fabrication specialists developed many architectural systems widely used in the construction of residential, commercial, and institutional buildings. Through precise engineering and testing in a variety of climate conditions, the company improved upon their designs, resulting in architectural systems known throughout the industry as being innovative, durable, and reliable. Architects and designers who are familiar with the qualities found in United States Aluminum systems know that they can specify them with confidence to their clients. The company has invested the time and effort required to assure their systems are properly tested to meet the conditions required to pass local and national building codes; including some of the very strictest, such as the Miami/Dade County Protocols for impact resistance in hurricane-prone areas.

United States Aluminum had for a time struggled with its own viability in the current economy, and faced an uncertain future. The leadership at C.R. Laurence saw this as an opportunity to save hundreds of American jobs, and keep good American made products on the market. Now renamed simply U.S. Aluminum in its new partnership with C.R. Laurence, the company will continue to make available the architectural systems that have made them a leader in the industry for so long. These systems' reputation for quality benefits not only those who specify and install them, but also the occupants of the buildings into which they have been installed. For more information, contact U.S. Aluminum Technical Sales at (800) 262-5151, or visit our web site at usalum.com.

CRL Blumcraft

Blumcraft of Pittsburgh is a member of the C.R. Laurence family of companies. An icon in the architectural metal and glass industry, Blumcraft has been designing, manufacturing, and delivering high quality products to the architectural metal and glass industry for over 95 years. The company's tempered glass doors, panic hardware, hand rails, and display doors are well known to architects, contractors, and installers in their building trades. Blumcraft has close ties to many architectural firms, customizing products to their specifications. Blumcraft metalwork elements have been installed in more than 80,000 buildings throughout the world, including the White House, the Smithsonian Institute, the Metropolitan Museum of Art, the Louvre in Paris, and many other prestigious buildings.



The acquisition of Blumcraft benefits CRL customers by providing even more choices of high quality architectural hardware products. We value the experience, reputation, and technical expertise of the Blumcraft staff, and are pleased they are part of the CRL team. For more information about the Blumcraft line, please contact CRL Technical Sales for Architectural Products or visit our web site at crlaurence.com.

CRL Jackson

Jackson Corporation is now a member of CRL Manufacturing. Jackson has been a leading manufacturer of door hardware for the aluminum and tempered glass door industry for over 50 years. In 1995 they became the first U.S. hardware manufacturer to be certified to ISO 9001 quality standards. The manufacturing operations are housed in our new facility in Los Angeles, and Jackson products are distributed through CRL's worldwide network.



This joining provides CRL customers more choices than ever of traditionally high quality Jackson architectural hardware. Jackson's very popular Transom Closer was originally developed and patented over 35 years ago. The innovative features of today's versions continue to make the Jackson Transom Closer a top choice. The company's Panic Exit Hardware is universally recognized as the standard for the aluminum storefront market. The experience gained through this move is invaluable, and we welcome the Jackson staff into our Technical Sales and Manufacturing efforts. For more information, to place an order or request a quote, contact CRL Jackson Technical Sales or visit our web site at crlaurence.com.

CRL Columbia Manufacturing

We are very proud to announce the acquisition of Columbia Manufacturing Corp., a well respected name with over 50 years of experience in the screen products industry. We are now operating Columbia through a new entity that is wholly owned by C.R. Laurence Co., Inc.

Columbia's manufacturing plant continues to operate in Gardena, California, and is now open and ready to provide the same high level of service that you are accustomed to receiving from C.R. Laurence. We've made investments and enhancements in the operation to increase capacity, improve the service level, and upgrade quality, design, and product assortment. Our continuing commitment is to provide a full range of products, literature, and technical support to our customers.

For more information about the Columbia Manufacturing line, please contact CRL Columbia Technical Sales at (800) 729-3667, and ask for Ext. 7520 or visit our web site at columbiamfg.com.



Welcome to the C.R. Laurence Online Catalog

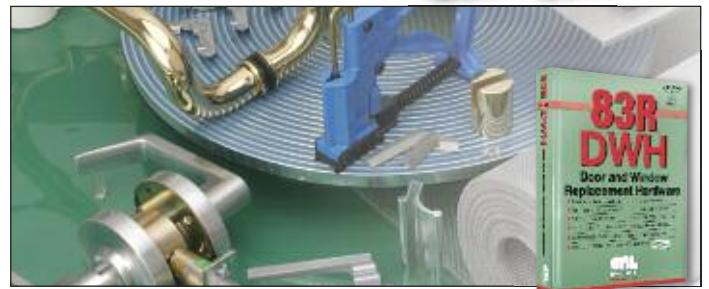
- Thousands of Pages of Quality Products and Helpful Information are Just Clicks Away, Anytime, and at Your Convenience
- It's the Best Way to Shop at CRL

What's the best way to shop at C.R. Laurence? Visit the Online Catalog at crlaurence.com. Our Online Catalog brings you thousands of pages from our many printed catalogs, all of them in full color, and linked to our ordering module so you can browse and shop at any time it's convenient. You can check prices, review stock levels, and get the most complete and up-to-date details on the products we offer. And you can do it all from any PC.

Our "self-service" web site and Online Catalog are the most comprehensive and convenient up-to-date information sources we can offer. Explore some of our most popular product lines or review individual products. CRL has over 60,000 of them organized by specific product categories.

The convenience of having all CRL catalogs combined into one Online Catalog is the quick and easy way to find just what you need, available at your convenience, whenever you're ready.

Please review the following pages for easy to follow instructions on how to do business at crlaurence.com. And if you ever need assistance, just contact us over the Internet or by toll free phone. We'll be glad to help.



WELCOME TO THE CRL ONLINE CATALOG

Introduction

Of all the products we bring you, our Online Catalog may be the most important. We know that the most efficient way for our customers to shop at CRL is by using this carefully planned and thoroughly prepared Online Catalog to make it easy for them to find exactly what they need. C.R. Laurence Company is committed to making our Online Catalog your best source for information and technical support.

What you will find at **crlaurence.com** is a link to who we are, what we do, and what we have to offer our customers. The CRL "self-service" web site allows us to use the powers of Electronic Commerce to bring you closer to all of the products and services that we offer.

We take a Business-to-Business approach of conducting business over the Internet because it gives us so many ways to connect with you. Methods of searching for and ordering products that just a few years ago would have been impossible were it not for the versatility of this powerful tool.

Empowerment is what a good web site is all about. We let you make the decisions that will best serve you. You can build your orders and submit them 24 hours a day, seven days a

week, at your convenience. You can review over 60,000 products we make available, including pricing and current stock availability.

All of this and more is available to CRL customers who have signed in to our web site and become part of the World of **crlaurence.com**. The next few pages will provide the "How To" answers to the features you can access, making it more convenient to shop by using the CRL Online Catalog.

User's Guide Menu to CRL Online

- [How to Create a User Name and Password](#)
- [How to Sign On and Recover Your Log In Information](#)
- [How to Search for Products](#)
- [How to Check Prices](#)
- [How to Check Stock](#)
- [How to View/Print Invoices](#)
- [How to Place or Change Orders](#)
- [How to Request, Process or Change a Quote](#)
- [How to Request Product Data Sheets](#)
- [How to Pay Your Statement](#)
- [How to Contact Us](#)
- [How to View the Online Catalog Library](#)

The following User's Guide Menu is easy to learn and a quick way to locate necessary information. We've written step-by-step instructions to help you navigate through our Online Catalog (see pages V - XVII). Take some time to explore all it has to offer!



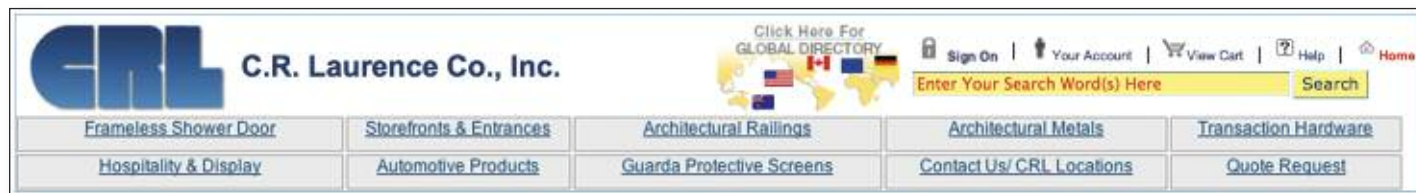
C.R. LAURENCE COMPANY

crlaurence.com | usalum.com

IV | [crlaurence.ca](#) [crlaurence.com.au](#) [crlaurence.co.uk](#) [crlaurence.de](#) [crlaurence.eu](#)

WELCOME TO THE CRL ONLINE CATALOG

Navigation Menu



The Home Page is topped by a Navigation Menu that has buttons you can click on to link directly to the most popular areas of crlaurence.com. You can easily get to our Global Directory and choose the appropriate web site; eight popular Product Groups; Phone and fax numbers for CRL Departments; Directions to all CRL Service Centers; Access to our Customer Support Center; Product Quotes in a timely fashion. All of this is just a click away.

The Navigation Menu is also where you'll find our all-important 'Enter Your Search Word(s) Here' box. This powerful tool lets you

locate CRL Products by entering their Catalog Number, or even a portion of the number. You can also use it to find products by entering key words or the names of products.

Navigating a web site with so many products doesn't need to be difficult. The 'Enter Your Search Word(s) Here' box is the surest way to find exactly what you are looking for. For more information about finding products at crlaurence.com, turn to pages 917W to 919W in the rear of this catalog.

Customer Menu Bar

The Customer Menu Bar is a good starting point for navigating around crlaurence.com. It provides a direct link to virtually all areas that can be accessed after you sign on, or after you have reviewed and selected products and now wish to order them.

Near the top our **Customer Menu** is your link to **Express Ordering**, an easy to learn and quick to complete method of placing orders online whenever it's convenient for you. You set the schedule and the pace because you are in control. You can also build your **Personal Catalog** by matching your part numbers to our Catalog Numbers.

Next in the menu is **Searching on CRL**. We've gone into a lot of detail on this subject, and ask you to turn to page pages 917W to 919W to review the different search methods we offer. There's also a link to our Document Library of Comparison, Cross-Referencification Charts, Application Guides, New Product Submittal Forms, and more by clicking on **CRL Total Search**. **Products and Services** has direct links to our "Information Centers" for many of our major product lines. They act like 'hubs' where you can reference the various categories of information pertaining to these product lines, including Product Offer Pages, Product Specs, Technical Drawings, Measurement Templates, and a variety of helpful information sources.



When you click into **General Information** you are presented with a selection that includes information about CRL's Business Policies, Videos, ways to contact us, our service center locations, and package tracking.

Online Applications Login allows customers who subscribe to any of CRL's Online Programs to login fast and easy.

News and Events lets you review CRL e-News, Press Releases, Technical Articles, upcoming Trade Show dates and locations, and useful Internet links. When you click on the link called "What's New" you'll see categories showing our recently added products.

As stated above, the "Customer Menu Bar" offers you so many directions you can use to navigate around crlaurence.com. Take some time to explore it all.

WELCOME TO THE CRL ONLINE CATALOG

How to Create a User Name and Password

You will need your Customer Number from your CRL Monthly Statement or from a previous CRL Invoice.

1 Have Your CRL Customer Number Ready



2 Click **Sign On**

3 Click on **Create New User Name and Password**

4 Fill out the page to create a user name and password, then click on **Submit**

5 Correct any errors if they appear after clicking **Submit**

6 Once the information is accepted, you will see this "Account Sign On Confirmation Page."

7 Click **Home** to begin using full web site services.

WELCOME TO THE CRL ONLINE CATALOG

How to Sign On

- 1 Click **Sign On** or enter "**LOGIN**" in the yellow search box



- 2 Enter your user name and password, Click Here to Sign On

A screenshot of the login form. It has two input fields: 'User Name' and 'Password'. Below the 'Password' field is a button labeled 'Click Here to Sign On'. There are also links for 'Forgot Your User Name or Password?' and 'Create New User Name & Password Now To CRL?'. A red arrow points from the 'Click Here to Sign On' button to the next step.

- 3 If this screen appears, you have either mistyped the user name and/or password or one needs to be created

A screenshot of the login screen. It has two input fields: 'User Name' and 'Password'. Below the 'Password' field is a 'Sign On' button. There are also links for 'Forgot Your User Name or Password? Recover It Here', 'Don't Have a User Name Yet? Create One Here', and 'Never Purchased from CRL? Find Out How'. A red arrow points from the 'Forgot Your User Name or Password? Recover It Here' link to the next step.

- 4 To confirm your user name and password, or to check if you have one set up, click on **Forgot Your User Name or Password? Recover It Here**

How to Recover Your Sign On Information

- 1 Click **Sign On** (see step 1 above)

- 2 Click **Forgot Your User Name or Password? Recover It Here** (see step 4 above)

A screenshot of the email recovery form. It has a text input field labeled 'Enter your Email Address: *'. Below the field is a 'Submit' button. A red arrow points from the 'Submit' button to the next step.

- 3 Enter your Email Address, then click **Submit**

WELCOME TO THE CRL ONLINE CATALOG

Best Ways to Search

Search methods to find products in order of importance

1 Search Box Search by Cat. No. and by Keyword(s). (Only good for products, not other pages on our site at this time).

2 Sitemap Used to be the same or a little more descriptive than mall pages.

3 Products By Industry Broader than mall pages, catering more to our core industries.

4 Mall Pages Overview of product lines to start drilling down to products.

Search methods to find other information

7 Click on **CRL Total Search**. On this page you have a search box to locate products, the same as the yellow search box on the top right of every page.

8 To find, Technical Details, Drawings, MSDS, Spec Data, Instructions, User Guides, Catalog Pages, or anything else, you can click on one of the tabs located on this same page. Product specific information and details can also be found on each product's offer page.



WELCOME TO THE CRL ONLINE CATALOG

How to View/Print Product Information

- 1 Enter the **CRL Catalog Number** or **product description** in the Search Box, then click **Search**

The screenshot shows the CRL online catalog homepage. At the top, there is a navigation bar with the CRL logo, company name "C.R. Laurence Co., Inc.", and links for "Click Here For GLOBAL DIRECTORY", "Sign Off", "Your Account", "View Cart", "Help", and "Home". Below this is a search bar with the placeholder text "Enter Your Search Word(s) Here" and a "Search" button. A red arrow points to the "Search" button. Below the search bar are several product category links: "Frameless Shower Door", "Storefronts & Entrances", "Architectural Railings", "Architectural Metals", "Transaction Hardware", "Hospitality & Display", "Automotive Products", "Guarda Protective Screens", "Contact Us/CRL Locations", and "Quote Request". On the left side, there is a "Customer Menu Bar" with links for "Express Ordering", "Quick Pricing", "Your eStatements", "Your Quotes", "Your Orders", "Your Invoices", "Personal Catalog", "Your Products", "Your Credit Reference", "Searching on CRL", "CRL Total Search", "New Product Area", "Popular Product Lines", "Products by Industry", "Products & Services", "Architectural Metal Systems", "Architectural Railing Systems", "Architectural Customers", "Automotive Products", "Display Systems", and "Entrance Systems". The main content area displays "CRL 95C Silicone Building Sealant" with a "Back To CRL 95C Silicone Building Sealant Models" link. Below this are buttons for "MSDS", "SPEC. Data", and "Product Specification". A red arrow points to the "MSDS" button. To the right of these buttons is a table for "CRL Gray 95C Silicone Building Sealant" showing "Service Center Location", "Quantity Available", and "Intransit". The table lists "Los Angeles, California" with 4352 units available and "San Diego, California" with 42 units available. To the right of the table is an "Order Quantity" input field, an "Add To Cart" button, and a "View Cart" button. Below the table is a "Click here to check stock at alternate CRL locations." link. At the bottom of the main content area is a table showing "Quantity" and "U.S. Dollars Per Each" for various quantities (1, 30, 90, 180) with prices in "XX.XX" format. A red arrow points from the "MSDS" button to the "MATERIAL SAFETY DATA SHEET" section below.

- 2 Available link tabs will appear near the top of the product page

- 3 Click on the desired data link

- 4 You have the option to view links through **HTML** or **PDF Format**

- 5 If you only want to view this information, click on **HTML Format**

- 6 If you want to print this information, click on **PDF Format**

Instructions on How to Use This Page

To open a file if you already have that type of application installed on your computer: Click on the word for the file type associated with the type of file you wish to view.

To save a MSDS or Product Spec Sheet, open the type of file you want to view, then click on File, then Save.

To save a Spec Data Sheet or Technical Drawing

1. Right Click on the word View located under the heading for the type of file you want to save
2. Next, left (normal) click on words Save Target As Or Save File As
3. A dialog box should now appear you where the file is going to be saved on your computer
4. Click on the word Save.

[Click Here to view this product's Warning](#) Don't see what you are looking for? [Search Again...](#)

The screenshot shows the "MSDS" product page. At the top, there is a "Products 1 found" section. Below this is a table with two columns: "33SAL" and "HTML" and "PDF". A red arrow points from the "HTML" link to the "MATERIAL SAFETY DATA SHEET" section below.

MATERIAL SAFETY DATA SHEET

Company Name: C.R. LAURENCE CO., INC.
Address: 2503 E. VERNON AVE.
City / State / Zip: LOS ANGELES / CA / 90058
US-CHEMTREC Phone(I): (800)424-9900
US-CHEMTREC Phone(II): (703)527-3887
CAN-CANUTEC Phone: (613)996-6666
Vendor Update: 4/7/2008
Date Prepared: 4/7/2008
MSDS Number: 33SAL ; 33SAL52GL ; 33SAL5GL ; 33SBL ; 33SBL52GL ; 33SBL5GL ; 33SBRZ ; 33SBRZ52GL ; 33SBRZ5GL ; 33SC ; 33SC52GL ; 33SC5GL ; 33SMRC ; 33SMRC52GL ; 33SMRC5GL ; 33ST ; 33ST48GL ; 33ST52GL ; 33ST5GL ; 33STW ; 33STW52GL ; 33STW5GL ; 33SW ; 33SW52GL ; 33SW5GL ; 33SXX ;

I. CHEMICAL PRODUCT IDENTIFICATION

WELCOME TO THE CRL ONLINE CATALOG

How to Check Prices

- On the **Product Page:**
 - Enter a CRL Catalog Number in the search box located at the top right of page, then click **Search**
 - If you are signed on, pricing will automatically appear on the right hand side

CRL C.R. Laurence Co., Inc.

Click Here For GLOBAL DIRECTORY

Sign Off | Your Account | View Cart | Help | Home

Enter Your Search Word(s) Here **Search**

Frameless Shower Door | Storefronts & Entrances | Architectural Railings | Architectural Metals | Transaction Hardware

Hospitality & Display | Automotive Products | Guarda Protective Screens | Contact Us/ CRL Locations | Quote Request

Customer Menu Bar

- Express Ordering
- Quick Pricing
- Your eStatements
- Your Quotes
- Your Orders
- Your Invoices
- Personal Catalog
- Your Products
- Your Credit Reference

Searching on CRL

- CRL Total Search
- New Product Area
- Popular Product Lines
- Products by Industry

Products & Services

- Architectural Metal Systems
- Architectural Railing Systems
- Architectural Customers
- Automotive Products

CRL 95C Silicone Building Sealant

Back To CRL 95C Silicone Building Sealant Models

MSDS | SPEC. Data | Product Specification

Can Ship UPS

CRL Gray 95C Silicone Building Sealant

Service Center Location	Quantity Available	Intransit
Los Angeles, California	4352	0
San Diego, California	42	0

Click here to check stock at alternate CRL locations.

Quantity	U.S. Dollars Per Each
1	XX.XX
30	XX.XX

Order Quantity

Add To Cart

Item(s) in Cart: 8

View Cart

- On the **Quick Pricing Page:**
 - Click on **Quick Pricing** under "Customer Menu Bar" located on the top left (see above image)
 - Enter the CRL Catalog Number then click **Look Up**

Customer Menu Bar

- Express Ordering
- Quick Pricing
- Your eStatements
- Your Quotes
- Your Orders
- Personal Catalog

To use this page, type in the CRL Catalog Number and click 'Look Up'

Catalog Number: 95CGRY **Look Up**

Catalog Number: 95CGRY

Description: CRL Gray 95C Silicone Building Sealant

Branch Location	Quantity Available	Intransit
Los Angeles, California	3331	0
San Diego, California	42	0

Check box to view alternate CRL locations

The highlighted branch location and quantity available shows your normal shipping branch

The quantity available shown above is deemed to be accurate as of last night. If you need a certain quantity shipped out immediately, add the item to your cart, process your order, and in the comments section of your order ask for stock to be verified. You can also contact Customer Service by calling (800) 421-8144 for immediate verification.

Availability is shown by each of our stocking branches listed. If your shipping location shows zero [click here](#) to read our stocking policy.

View Larger Image

More Choices | Product Details

View Cart | Add To Catalog

Add To Cart

Item(s) in Cart: 1

Click here for warehouse locations.

Quantity	U.S. Dollars Per Each
1	6.89
30	5.22
90	5.02
180	4.97
Your Price	5.71

- On the **Shopping Cart Page:**
 - Click on **View Cart** located at the top right of the page

Your Account | View Cart | Help | Home

Search Word(s) Here **Search**

Architectural Metals | Transaction Hardware

CRL Locations | Quote Request

- If you decide not to order this item, click **Remove Item**

- Enter the quantity and CRL Catalog Number then click **Add to Cart**

Quantity	Catalog Number	Update Order	Product Description	Check Stock	Product Warning	UM	UM Price	Est Price
30	95CGRY	Add To Cart						
1	1822	Remove Item	CRL 1973 Glass Cleaner	Check	Read	CS	22.65	22.65
100	518	Remove Item	CRL Single Edge Razor Blades	Check		EA	0.0059	3.59
5	25CBL	Remove Item	CRL Black 95C Silicone Building Sealant	Check	Read	EA	8.89	34.45

WELCOME TO THE CRL ONLINE CATALOG

How to Check Stock

- On the **Product Page**:
 - Enter a CRL Catalog Number in the search box located at the top right of page, then click **Search**
 - If you are signed on, the page will show the quantity available at your local CRL Service Center, other Service Centers in your region, and CRL's Corporate Headquarters.

- On the **Quick Pricing Page**
 - Click on **Quick Pricing** under "Customer Menu Bar" located on the top left (see image above)
 - Enter the CRL Catalog Number then click **Look Up**

- On the **Shopping Cart Page**:
 - Enter the quantity and CRL Catalog Number, then click **Add to Cart**
 - If you decide not to order this item, click **Remove Item**
 - Click on the word **Check** next to the product description to see available stock at each CRL Service Center

WELCOME TO THE CRL ONLINE CATALOG

How to Place an Order

- 1 Click on **Express Ordering** under "Customer Menu Bar"
- 2 Enter the quantity and CRL Catalog Number then click **Add to Cart**
- 3 Continue adding items to the order or click **Secure Checkout**

The screenshot shows the CRL C.R. Laurence Co., Inc. website. A red arrow points from step 1 to the 'Express Ordering' link in the 'Customer Menu Bar'. Another red arrow points from step 2 to the 'Add To Cart' button in the shopping cart table. A third red arrow points from step 3 to the 'Secure Checkout' button at the bottom of the cart table.

Quantity	Catalog Number	Update Order	Product Description	Check Stock	Product Warning	UM	UM Price	Ext Price
<input type="text"/>	<input type="text"/>	Add To Cart						
1	M12396	Remove Item	CRL Black Beaded Flexible Belt Molding for 1953 to 1964 Chrysler	Check		EA	13.00	13.00
							Subtotal	\$ 13.00

Shipping costs not included. Click [here](#) to view our shipping policies.

NOTE: To change a quantity, simply enter the new quantity next to the product you want to change and click **Update All Quantities**

- 4 For Ship Via selection, click on the drop down arrow

The screenshot shows the 'Ship via' dropdown menu set to 'UPS Ground'. A red arrow points from step 4 to the dropdown arrow. Below the dropdown is a text area for 'Special instructions regarding shipping, packaging, if any'. At the bottom are buttons for 'Return to Shopping Cart' and 'Continue To Checkout'.

- 5 Enter special instructions about your order (if any), then click **Continue to Checkout**

- 6 Shipping to a different address? If no, click **Continue to Checkout**. If yes, enter the drop ship address, then click **Continue to Checkout** or **Make Additional Changes**

The screenshot shows the 'Ship to different address' section with radio buttons for 'yes' and 'no'. Below are two columns of address fields: 'Bill to Address' and 'Ship to Address'. A red arrow points from step 6 to the 'Continue To Checkout' button at the bottom.

How to Place an Order (Continued)

7 Enter PO Number or Name

***Required**

PO number or name *

Current terms for this account: Open Account

Alternate payments methods: Open Account

[Order in Progress](#)

[Make Additional Changes](#) [Continue To Checkout](#)

8 For alternate payment method selection, click on the drop down arrow, then click **Make Additional Changes** or **Continue to Checkout**

9 Review the order confirmation page, then click **Make Additional Changes** or **Continue to Checkout**

Ship To: TEST GLASS CO, 2563 E VERNON AVE, LOS ANGELES, CA 90058

Bill To: TEST GLASS CO, 2563 E VERNON AVE, LOS ANGELES, CA 90058

Quantity	Catalog Number	Product Description	UOM	Unit Price	Ext Price
7	082	CRL 8-Bounce Cleaner and Surface Prep	EA	10.85	75.95
1	1363	CRL Official Glass Plier	EA	37.80	37.80
10	3380	CRL Clear 338 Silicone Sealant	EA	2.39	23.90
3	3413	CRL 8" Straight Jaw General Glass Pliers (Hand)	EA	6.70	20.10
4	4882	CRL 14" Hex Nut 2 Point Undercut Phillips Insert Bit	EA	0.80	3.20
1	3413B	CRL Metal Handle Straight Head 1/4 Cutter	EA	13.80	13.80
1	3413BK	CRL Swivel Key - 1.35" Long, 10" Width - Package of 28	PK	4.50	4.50
7308	VTPH1	CRL Panic Handle Instructional Video Tape	EA	0.80	6.80
				Total	\$165.35

[Make Additional Changes](#) [Continue To Checkout](#)

10 If your order does not yet qualify to receive one of our Internet Bonuses, you can click **Return to Shopping Cart** to increase your order, or click **Finalize Without Bonus**

We thank you for your order. It is valued at **\$165.05** and does not yet qualify for one of our Free Internet Order Bonuses. If you wish to increase your order to qualify for one of the Bonus Items shown below just click on the Return to Shopping Cart button or on View Cart. If you want to process your order as-is click on the Finalize This Order As-is button below. Thank you once again.

[Order in Progress](#)

[Return to Shopping Cart](#) [Finalize Without Bonus](#)

Orders over \$500.00 qualify to receive one item from this category.

HCT205SPG CRL 4.5 Pound Can Hand Cleaner	LEVRSFG CRL 9" Magnetic Level	MUGSPG CRL Coffee Mug	SS403SPG CRL Glass Cutter and Pencil Pouch	SP1015SPG CRL "Sparkle" Cleaner and Stain Remover

11 If your order does qualify for an Internet Bonus, click on the **bonus item of your choice** or click **Finalize Without Bonus**

Thank you for your order. Please print this page for your records. [Order Complete](#)

You will be able to check on, change, or view information about this or any other order by clicking on My CRL located on the top of every page. This order will be posted and viewable within minutes during regular business hours. [Reference #: 28810](#)

Customer Information		Shipping Information	
Contact:	mla	This order will ship from:	LOS ANGELES, CALIFORNIA
Account number:	000178060	Ship via:	UPS Ground
Phone:	800216144	OK to carting items:	No
PO number:	12345		
Payment method:	Open Account		
Order confirmation:	Email		
Email:	cr@cr.com		

Ship To: TEST GLASS CO, 2563 E VERNON AVE, LOS ANGELES, CA 90058

Bill To: TEST GLASS CO, 2563 E VERNON AVE, LOS ANGELES, CA 90058

Quantity	Catalog Number	Product Description	UOM	Unit Price	Ext Price
7	082	CRL 8-Bounce Cleaner and Surface Prep	EA	10.85	75.95
1	1363	CRL Official Glass Plier	EA	37.80	37.80
10	3380	CRL Clear 338 Silicone Sealant	EA	2.39	23.90
3	3413	CRL 8" Straight Jaw General Glass Pliers (Hand)	EA	6.70	20.10
4	4882	CRL 14" Hex Nut 2 Point Undercut Phillips Insert Bit	EA	0.80	3.20
1	3413B	CRL Metal Handle Straight Head 1/4 Cutter	EA	13.80	13.80
1	3413BK	CRL Swivel Key - 1.35" Long, 10" Width - Package of 28	PK	4.50	4.50
7308	VTPH1	CRL Panic Handle Instructional Video Tape	EA	0.80	6.80
				Total	\$165.35

[Print](#) [Place Another Order](#)

12 Print the confirmation screen for your records or click **Place Another Order**

WELCOME TO THE CRL ONLINE CATALOG

How to Request a Quote

1 Click on **Quote Request**

CRL C.R. Laurence Co., Inc.

Click Here For GLOBAL DIRECTORY | Sign Off | Your Account | View Cart | Help | Home

Enter Your Search Word(s) Here [Search]

Frameless Shower Door | Storefronts & Entrances | Architectural Railings | Architectural Metals | Transaction Hardware
Hospitality & Display | Automotive Products | Guards Protective Screens | Contact Us/ CRL Locations | **Quote Request**

Customer Menu Bar

- Express Ordering
- Quick Pricing
- Your eStatements
- Your Quotes
- Your Orders
- Your Invoices
- Personal Catalog
- Your Products
- Your Credit Reference
- Searching on CRL
- CRL Total Search
- New Product Area
- Popular Product Lines
- Products by Industry
- Products & Services**
- Architectural Metal Systems
- Architectural Railing Systems
- Architectural Customers
- Automotive Products
- Display Systems
- Entrance Systems
- Glass and Glazing
- Glass Machinery
- Hand Held and Power Tools

Request a Quote for Stock, Non-Stock or Special Item | Request a Door Rail Quote | Request a Handle Quote | Request a Shower Quote | Request a Transaction Window Quote | Request a Machinery Quote | Request a Balanced Door Quote

Welcome to the C.R. Laurence Online Quote Request system. Read the description for each of the online quotes we offer, then after locating the type of quote you require, click on the link. When the page refreshes, read the instructions for that page, then click on the "Request a Quote" button. From our web site you can request a quote on any item, whether it is a non-stock, special fabricated, custom size or a part you cannot locate. We also offer detailed quotes on Balanced Doors, Door Rails, Panic Handles, Transaction Windows, and Frameless Shower Doors. The CRL Quote Request applications are only available for CRL customers, if you are in a related business and have never purchased from CRL, click [here](#).

Request a Quote for Stock, Non-Stock or Special Item
CRL sells over 50,000 products and many of them are custom made to your specifications and in order to see pricing a quote must be done. Items that can be quoted in this area range from: Service and Transaction Windows; Mirror Frames; Pass Through Windows; Showcases; Partition Posts; and much more. Quotes can also be requested on large quantities of stock items that are above and beyond our normal price breaks. CRL will also try to assist in locating a product or item you require that you might not be able to locate on our web site such as a different color or size of an item we stock, or a part needed to complete your job.

Request a Balanced Door Quote
In many situations balanced door installations offer distinct advantages. In general, balanced doors prove superior whenever size, weight, space limitations, ease of operation and wind or stack pressure problems are factors to consider. The simplicity of construction and installation makes CRL balanced doors the ideal choice for remodeling as well as new construction. Balanced doors are the most practical solution to mass exit requirements of pressurized balloon type

2 Select one of the categories for a summary of the product line then click **Continue to Request Quote**

3 Enter the quantity, CRL Catalog Number, Color or Size (if applicable) and detailed Description, then click **Add To My Quote**

e-Quotes

[View Your Unprocessed Orders](#) | [View and Pay Your Invoices](#) | [View Your History of Shipped Orders](#) | [Open Quotes](#)

Looking for something you could not find in our catalog? C.R. Laurence carries over 50,000 products. Simply fill in the details into each of the relevant fields below, then press the "Add to My Quote" button. Once you have entered all of the items you are looking for, press the "Process Quote" button to proceed. You should receive a reply via e-mail/fax within one business day.

Quantity	Similar CRL Catalog Number	Color	Size	Description
1	335C	GREEN		GREEN SILICONE

[Add To My Quote](#) | [Update All Quantities](#) | [Continue To Process Quote >>](#)

4 Continue to add or click on **Continue to Process Quote**

5 Review the information entered, add a project name and any instructions, then click **Submit**

e-Quotes

[View Your Unprocessed Orders](#) | [View and Pay Your Invoices](#) | [View Your History of Shipped Orders](#) | [Open Quotes](#)

Please review the information you entered below, and click submit to request a quote.

Name: [text field]
Fax: [text field]
Email: [text field]
Project Name: [text field]

Special Instructions or Details (Limited to 60 characters): [text field]

[<< Make Additional Changes](#) | [Submit](#)

6 You will receive a quote number for your reference and an email response within one business day



C.R. LAURENCE COMPANY

crlaurence.com | usalum.com

XIV | crlaurence.ca | crlaurence.com.au | crlaurence.co.uk | crlaurence.de | crlaurence.eu

How to Pay Your Statement

1 Click on **Your Account**

2 Click on **View and Pay My Invoices**

3 Click on the box next to each Invoice you want to pay, then click **Pay with Check or Pay with Credit Card**

4 Enter comments about your payment (if any) then click **Process Online**

5 You will be given a Confirmation Number for your payment

C.R. Laurence Co., Inc.

Click Here For Global Accessibility | Your Account | View Cart | Help | Home

Enter Your Search Word(s) Here

Formless Shower Door | Stone Tops & Edges | Architectural Railings | Architectural Metals | Transition Hardware

Hospitality & Display | Automotive Products | Guest Protective Screens | Contact Us/CRL Locations | Quote Request

Customer Menu Bar

- Express Ordering
- Quick Pricing
- Your eStatements
- Your Quotes
- Your Orders
- Your Invoices

My CRL Orders | **My CRL Products & Ordering** | **My CRL Locations & Contacts** | **Diller Information**

My CRL Orders - Shipped and Unshipped

- CRL Express Checkout** - CRL Express Checkout can be enabled on your account when you edit your settings for each section listed in your CRL Express Checkout. Once complete simply click on the Turn Express Checkout On button. Now when you go to your shopping cart you will see the Express Checkout button visible. Your order will be automatically charged to the payment method on your Express Checkout account and shipped to the address indicated on your Express Checkout account—you skip the shopping cart checkout process! For more information on this new value-added application, click [here](#).
- View and Pay My Invoices** - This page will display your most recently shipped orders, while also displaying a list of all unpaid invoices. You can view tracking information and details for each invoice, as well as print and e-mail multiple invoices.

	Invoice #	Product #	Order #	Date	Qty	Unit Price	Subtotal	Tax	Shipping	Total
<input checked="" type="checkbox"/>	L48100	2185528	1758	2/4/2013	0.00	188.20	0.00	0.00	0.00	188.20
<input type="checkbox"/>	L50179	2185528	1757	2/4/2013	0.00	188.20	0.00	0.00	0.00	188.20
<input type="checkbox"/>	L51379	2185521	20854	2/4/2013	0.00	99.20	0.00	0.00	0.00	99.20
<input type="checkbox"/>	L51145	2185528	1758	2/4/2013	0.00	13.88	0.00	0.00	0.00	13.88
<input checked="" type="checkbox"/>	L57878	3200894	1757	2/6/2013	0.00	443.89	0.00	0.00	0.00	443.89
<input type="checkbox"/>	L2656	3200794	1794	2/6/2013	0.00	1,366.15	0.00	0.00	0.00	1,366.15
<input checked="" type="checkbox"/>	L41586	3204060	205425	2/6/2013	0.00	377.73	0.00	0.00	0.00	377.73

Pay with Check | **Pay with Credit Card** | **Send Email Invoice Copies**

FEB 28825.78 | JAN 36830.53 | DEC 36230.90 | NOV 0.00 | OCT 0.00 | SEP 0.00

Comments:
Enter any comments about this payment here

Total Being Paid: 977.91 | **Date 2/6/2013**

Details:

Order Number	Reference Number	PO Number	Reference Date	Adjustment Amount	Charges	Payments	Credit Memo	Balance	Pay Amount?
L41586	3204060	205425	2/6/2013	0.00	377.73	0.00	0.00	377.73	377.73

View Invoices | **Process Online**

Confirmation #: 11042009-72
Thank you for the payment.

WELCOME TO THE CRL ONLINE CATALOG

How to Contact CRL

- 1 Click on **Contact Us/CRL Locations**
- 2 Click on the **department** you want to contact via email or fax

CRL US LOCATIONS

US ALUMINUM LOCATIONS

C.R. Laurence Co., Inc.
 Corporate Headquarters
 2503 E. Vernon Ave. Los Angeles, CA 90058-1826
 Toll Free Phone: (800) 421-8144
 Toll Free Fax: (800) 262-3299
 International Phone: (323) 588-1281
 International Fax: (323) 581-6522

You can contact any of the following departments directly by email by clicking on the Department's name, or by fax at the fax number below:

DEPARTMENT	FAX	DEPARTMENT	FAX
Architectural Business Development	(866) 921-0533	Tajima Metals Division	(866) 921-0532
Business of Products	(412) 581-6840	Technical Sales for Automotive Products	(800) 846-4832
Credit	(800) 845-4533	Technical Sales for Architectural Metals Products	(866) 921-0532
Customer Service	(800) 262-3299	Technical Sales for Door and Window Products	(866) 921-0531
		Technical Sales for Commercial Products	(800) 587-7931

How to Find Addresses for CRL Service Centers

- 1 Click on **Contact Us/CRL Locations** (see above image)
- 2 Click on the **CRL Service Center** nearest you
- 3 View and/or print map directions

CRL US LOCATIONS

US ALUMINUM LOCATIONS

C.R. Laurence Co., Inc.
 Corporate Headquarters
 2503 E. Vernon Ave. Los Angeles, CA 90058-1826
 Toll Free Phone: (800) 421-8144
 Toll Free Fax: (800) 262-3299
 International Phone: (323) 588-1281
 International Fax: (323) 581-6522

Remittance Address
 P.O. Box 58023 Los Angeles, CA 90058-0023

☒ I'm online Get Steps and call CRL for free

1. Los Angeles, California	(323) 588-1281	16. Miami Area	(866) 846-9233
2. Dallas, Texas	(214) 634-7306	17. San Diego, California	(656) 678-8984
3. Chicago Area	(847) 426-3830	20. Waco/Hatch, Texas	(800) 627-6440



CRL of Southern California

Service Centers

Los Angeles Area
 1. Los Angeles, California
 2. Dallas, Texas
 3. Chicago Area

Miami Area
 16. Miami Area
 17. San Diego, California
 20. Waco/Hatch, Texas

WELCOME TO THE CRL ONLINE CATALOG

Some Other Features of crlaurence.com



CRL Express Checkout

If you want to be able to complete your online orders in one click, and if you use the same billing and shipping methods on most orders, this is for you. To turn this valuable time-saving feature on:



Express Checkout

- 1 Click on **Your Account**
- 2 Click on **CRL Express Checkout**
- 3 Click on **Turn Express Checkout On**

CRL Online Software



Subscribers to our Showers Online, Storefronts Online, and Hand Rails Online Optimization Programs access them by clicking on Online Programs. These web-based programs save subscribers countless man-hours, helping reduce labor costs. ➔



CRL e-News



Subscribers to this free service get once a month updates on new products, our monthly promotion, industry events, technical bulletins, and more.



- 1 Sign up and view past issues by clicking on **News/Events**, then on the **CRL e-Newsletter** link.



CRL Webinars (Web Seminars)



Register to join us online by clicking on News/Events, then clicking on Webinars for live training by industry professionals, or view previous Webinars. New topics are added regularly, so check in frequently.

Connect With CRL While You Are Online

If you wish to contact or connect with CRL while you are online, you can reach us on Facebook, Twitter, YouTube, LinkedIn, Behance, Google Plus, Flickr, and you can even use Skype to call us for free from anywhere in the world.

Be the first to know about new content, videos, press releases, and more by connecting with CRL from these pages.

You can connect with CRL using any of these methods right from our home page.



C.R. Laurence is a Catalog Company

- Master and Specialty Catalogs in Print and Online
- Thousands of Products Presented in an Organized Manner
- Color Photos and Detailed Illustrations
- Easy to Understand Ordering Information



Of all the products we bring you, our catalogs may be the most important. C.R. Laurence is in the business of making catalogs because we know that our customers find it convenient and informative to use these carefully planned and thoroughly prepared catalogs that make it easy for them to find exactly what they need.

Part of our catalog philosophy is to provide more of the information you need, and not overburden you with excess catalog literature. That is why we make our Master Catalogs that usually contain all of the products we offer to certain industries, as well as our Specialty Catalogs that focus on particular product groups. You can select CRL Catalogs for only the areas that pertain to your business, or choose to shop from our Master Catalogs because you like the convenience of finding such a wide variety of products all under one cover.

Our Catalog Library continues to grow with the publication of new Specialty Catalogs on a regular basis. Visit our Catalog Library online at crlaurence.com to see our latest editions.

Free CRL Catalogs Online

You can also view or download CRL Catalogs free of charge any time at crlaurence.com. Go to the Home Page and click on the link for the CRL Catalog Library.

Catalog Library



Once you open the page you'll be able to view full PDF versions of each catalog simply by clicking on the image of that catalog's cover. Browse through them page by page at your convenience. When you find a product that you want more information about, or would like to order, just click on its Catalog Number and you'll go directly to that product's Offer Page. It's another convenient way for you to shop at crlaurence.com.

Master Catalog Selection

- 03 SEALANTS, ADHESIVES, AND FASTENERS
- 23 FRAMELESS SHOWER DOOR HARDWARE
- 43 AUTO GLASS TOOLS AND WINDOWS
- 53R GLASS AND GLAZING HARDWARE
- 63A ARCHITECTURAL HARDWARE
- 63R ARCHITECTURAL RAILING
- 73 TOOLS, MACHINERY, AND EQUIPMENT
- 83R DOOR AND WINDOW REPLACEMENT HARDWARE

Catalog Library

[HOME](#)
[Architectural Products](#)
[Frameless Showers](#)
[Glass and Glazing](#)
[Transaction, Security, Hospitality](#)
[Windows and Doors](#)
[See All Catalogs](#)

CRL's Complete Selection of Catalogs

- Master and Specialty Catalogs in Print and Online
- Thousands of Products Presented in an Organized Manner
- Color Photos and Detailed Illustrations
- Download PDF Catalogs from a [ZIP File Here](#)

New: Each flip catalog has interactive catalog number links which, when clicked, direct you to that product's information page in the language of the web site from where you were viewing the catalog.

To view the details of any particular catalog online, first click on one of the links above to the type of products you are looking for, then click on the catalog's icon you are interested in. If you encounter any problems, need assistance, or have a question, click on [Contact Us](#). Thank you.

AB20
Architectural Hardware Metals

AB30
Architectural Hardware Door Openings

AB40
Architectural Hardware Hospitality/Service

AB70
Catalog Assortment

USAL12
U.S. Aluminum Architectural Binder

83R DWH
Door and Window Replacement Hardware Master Catalog

Door and Window Replacement Hardware Master Catalog

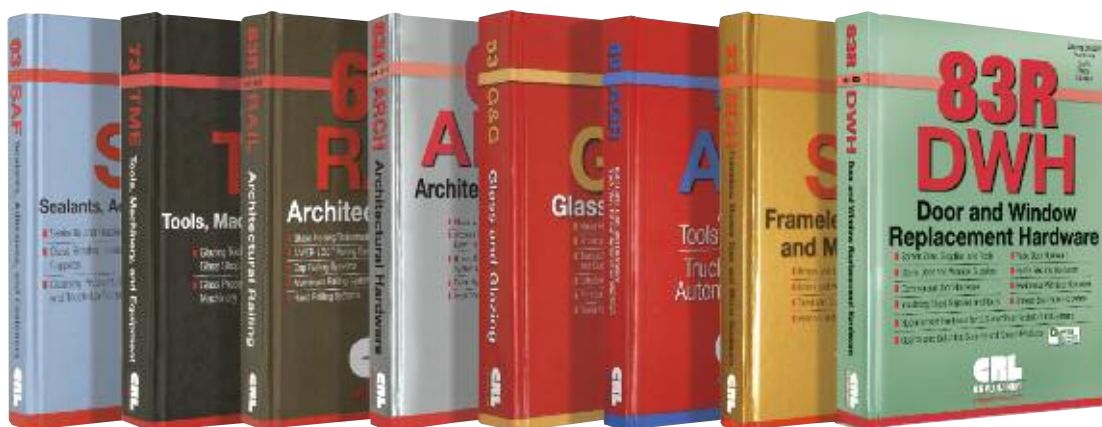
The 83R DWH Door and Window Replacement Hardware Catalog is a flip book of over 1000 master catalog pages, each with a unique interactive link to the product's information page in the language of the web site from where you were viewing the catalog.

83R DWH Master Catalog contains over 1000 master catalog pages, each with a unique interactive link to the product's information page in the language of the web site from where you were viewing the catalog.

Get your CRL, Glass and Window Hardware or our Customer Service Department today for information about ordering the master catalog.

83R DWH
Door and Window Replacement Hardware Master Catalog

CH6 **CH3** CRL Catalog Organizers



CRL
MASTER
CATALOGS

**CRL83R is the
Fifth in Our
Series of
Eight Master
Catalogs**

The Most Comprehensive Source of Products and Services for Glazing, Screen, Architectural, Railing, Construction, Industrial, and Automotive Businesses

Back in the "good old days" when everything we offered could be presented under one cover we introduced our CRL93 "Big Red" Master Catalog. At nearly 1,000 pages it was a complete guide to all CRL products and services. But as time progressed, and we added more products, it became apparent to us that one big book just couldn't contain them all. So we introduced a series of smaller New Products Catalogs to be used alongside "Big Red". This seemed like a good solution until the most recent New Products Catalog grew to over 400 pages. Something had to give.

It occurred to us that if we were to continue the practice of offering Master Catalogs they would have to be re-designed into an easier-to-use format. So plans were made to re-issue our Master Catalogs in a series that would encompass our entire product line, but would do so in a more organized manner, tailored to the needs of our customers and the various industries they represent.

CRL83R is the fifth in our series of Master Catalogs. It focuses on the Door and Window Replacement Hardware portion of the glass industry, and is an inclusive volume of items manufactured by CRL and other leaders in these fields. At over 800 pages it is typical of the eight-volume Master Catalog set.

Each catalog focuses on one specific portion of the glass business, and is a compilation of the tools and supplies relating to each:

- **03** SEALANTS, ADHESIVES, AND FASTENERS
- **23** FRAMELESS SHOWER DOOR AND MIRROR HARDWARE
- **43** AUTO GLASS TOOLS AND WINDOWS
- **53R** GLASS AND GLAZING HARDWARE
- **63A** ARCHITECTURAL HARDWARE
- **63R** ARCHITECTURAL RAILING
- **73** TOOLS, MACHINERY, AND EQUIPMENT
- **83R** DOOR AND WINDOW REPLACEMENT HARDWARE

Please be assured that we will also continue to produce our Specialty Catalogs on a regular basis for the industries they represent. These include our Shower Door, Architectural Railing, Hospitality Hardware, Door Control, Transaction and Security, and Automotive Accents Catalogs that so many of our customers find useful as presentation pieces to show their customers. You will be able to download our catalogs or view them online at crlaurence.com. As we said on the previous page, C.R. Laurence is a catalog company. It's something we feel we do well, and will continue to do in order to serve you better.

We Invite You to be Part of the Process

No one knows better what he or she would like to see in a catalog than the people who use it. We make an effort to make our catalogs as thorough as possible, but it never fails that as soon as we introduce a new catalog, one or more of our customers will come up with a comment or a suggestion that makes us say "Why didn't we think of that?" We've received lots of useful suggestions on how our catalogs could be better, and are always pleased when someone takes the time to tell us their ideas on what they would have liked us to include.

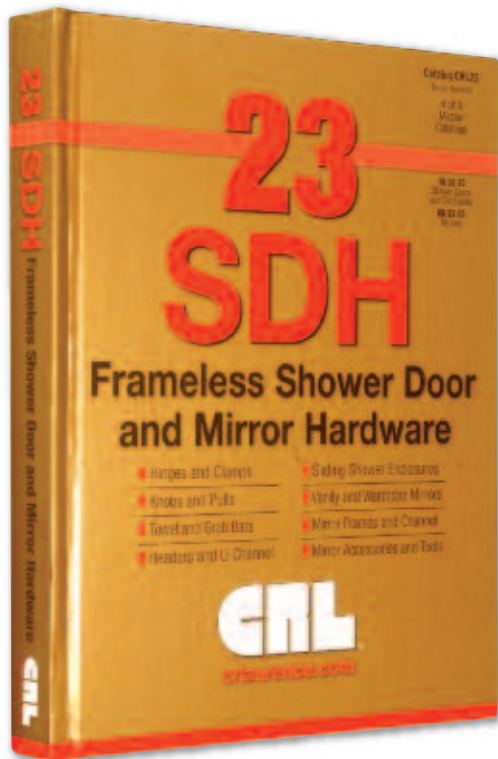
Do you have a suggestion you would like to share? We would be more than appreciative to hear from you. Please send your catalog comments or suggestions by e-mail, fax or phone to the CRL Product Manager at our Corporate Headquarters:

E-mail - From the crlaurence.com home page click on Contact Us, then click on Product Management

Phone - (800) 421-6144 is the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International

Fax - (323) 584-5228 U.S., Canada, and International





CAT. NO. CRL23

432 full-color pages, including an extensive A to Z Product Index for quick look-up of products

CRL Frameless Shower Door and Mirror Hardware Master Catalog CRL23

- Hinges and Clamps
- Knobs and Pulls
- Towel and Grab Bars
- Headers and U-Channel
- Sliding Shower Enclosures
- Vanity and Wardrobe Mirrors
- Mirror Frames and Channels
- Mirror Accessories and Tools

CRL23 is the catalog you need when you are looking specifically for frameless shower and mirror hardware. CRL23 features thousands of products, including hundreds of new products selected for their appeal to your customers. The CRL23 Frameless Shower Door and Mirror Hardware Master Catalog is separated into four sections for fast and easy product reference. It's the fourth in CRL's series of eight Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



View Any Page of the CRL23 Online at crlaurence.com

Viewing the CRL23 Catalog online is as easy as 1-2-3. Simply start from our home page, crlaurence.com, and click on CRL Catalog Library.

1



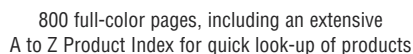
2



Then choose a viewing option. It's that easy!

3





- **Mirror Hardware, Mirrors, and Glass Cleaner**
- **Showcase, Display, and Shelving Hardware**
- **Transaction Windows, Track Assemblies, and Glass Hardware**
- **Extrusions and Moldings**
- **Partition Posts and Sneeze Guards**
- **Sealants, Adhesives, and Fasteners**
- **Glazier's Tools and Equipment**

CRL53R Glass and Glazing Catalog is an absolute must for glass shops and glazing contractors. It showcases almost 8,000 products, featuring the finest and most comprehensive line of glass and glazing hardware. CRL53R is separated into six sections for fast and easy product reference, and organized to make ordering primary and related products simple. It's the second in CRL's series of eight Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



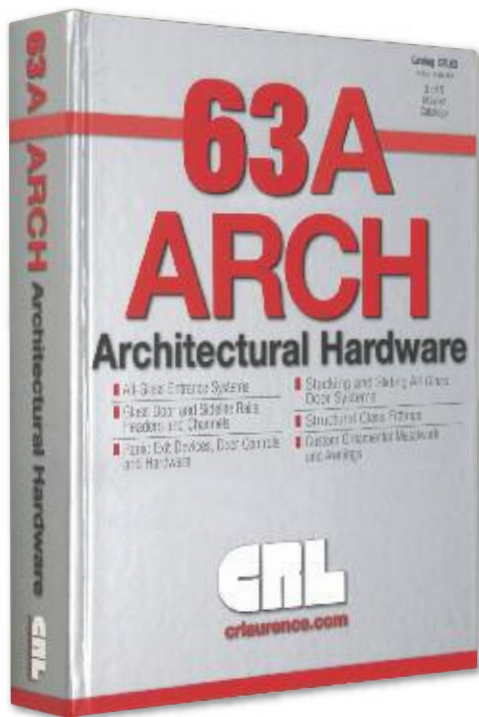
Viewing the CRL53R Catalog online is as easy as 1-2-3. Simply start from our home page, **crlaurence.com**, and click on CRL Catalog Library.



Then choose a viewing option. It's that easy!



3



CAT. NO. CRL63A

Over 500 full-color pages, including an extensive A to Z Product Index for quick look-up of products

CRL Architectural Hardware Master Catalog CRL63A

- All-Glass Entrance Systems
- Glass Door and Sidelite Rails, Headers and Channels
- Panic Exit Devices, Door Controls and Hardware
- Stacking and Sliding All-Glass Door Systems
- Structural Glass Fittings
- Custom Ornamental Metalwork and Awnings

The CRL63A Architectural Hardware Master Catalog features the most comprehensive line of heavy glass and architectural hardware. CRL63A is organized and indexed for fast and easy product reference. CRL63A is the third in CRL's series of eight Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



View Any Page of the CRL63A Online at crlaurence.com

Viewing the CRL63A Catalog online is as easy as 1-2-3. Simply start from our home page, crlaurence.com, and click on CRL Catalog Library.

1



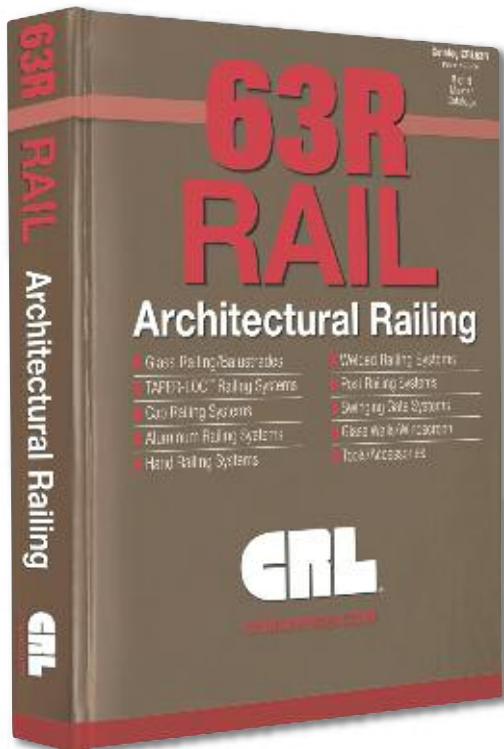
2



Then choose a viewing option. It's that easy!

3





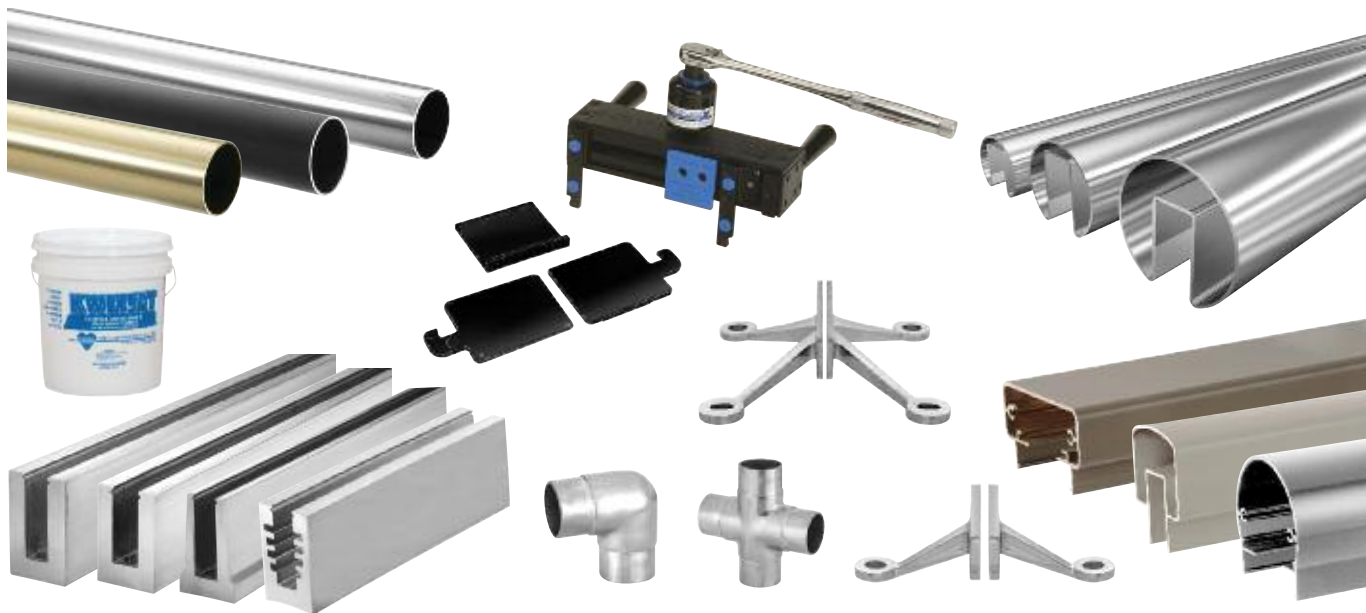
CAT. NO. CRL63R

Over 500 full-color pages, including an extensive A to Z Product Index for quick look-up of products

CRL Architectural Railing Master Catalog CRL63R

- Glass Railings/Balustrades
- TAPER-LOC® Railing Systems
- Cap Railing Systems
- Aluminum Railing Systems
- Hand Railing Systems
- Welded Railing Systems
- Post Railing Systems
- Swinging Gate Systems
- Glass Walls/Windcreens
- Tools/Accessories

The CRL63R Architectural Railing Master Catalog features our extensive line of hand rails, guard rails, aluminum railing and windscreen hardware. CRL63R is organized into sections for fast and easy product reference. It's part of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



View Any Page of the CRL63R Online at crlaurence.com

Viewing the CRL63R Catalog online is as easy as 1-2-3. Simply start from our home page, crlaurence.com, and click on CRL Catalog Library.

1



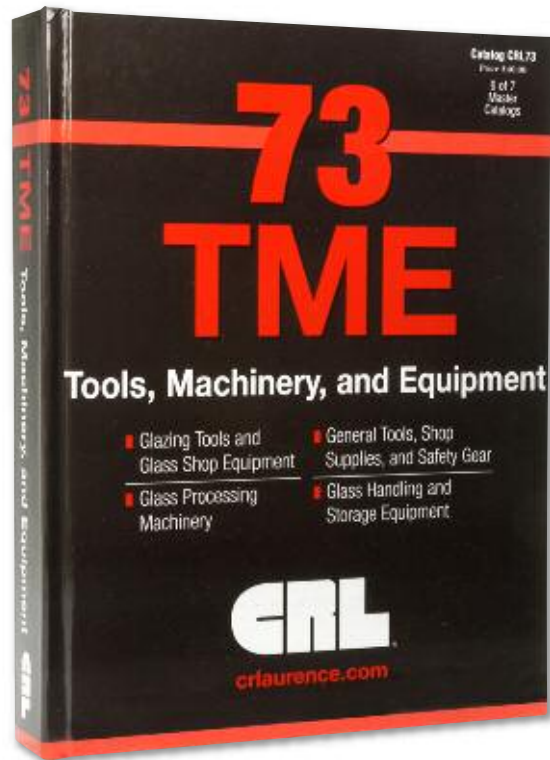
2



Then choose a viewing option. It's that easy!

3





CAT. NO. CRL73

Over 600 full-color pages, including an extensive A to Z Product Index for quick look-up of products

Tools, Machinery, and Equipment Master Catalog CRL73

- Glaziers' Tools
- Glass Handling Tools
- Safety Gear
- Specialty Tools
- General Hand and Shop Tools
- Caulking Tools
- Insulating Glass
- Glass Storage Equipment
- Glass Working Machinery
- Lifting Equipment

CRL73 is where you will find our extensive line of Tools, Machinery, and Equipment specifically designed for the glazing industry. This catalog contains the most complete list found in the industry of every essential tool the glazing professional needs from abrasives to truck racks and safety glasses; from auto glass tools to cut protection garments; from caulking guns to UV bonding tools and solar energy equipment. CRL73 Master Catalog is organized into six sections for fast and easy product reference. It is the sixth in CRL's series of eight Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



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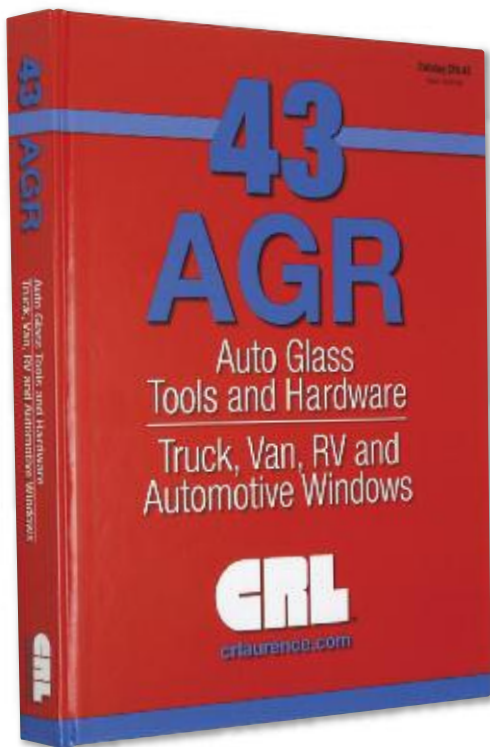
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CAT. NO. CRL43

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CRL Auto Glass Tools and Hardware Master Catalog CRL43

- Truck, Van, RV, and Automotive Windows
- Auto Glass Adhesives and Sealants
- Auto Glass Shop Tools and Equipment
- Cleaning Supplies and Lubricants
- Automotive Weatherstrips, Moldings, and Replacement Gaskets
- Auto Glass Clips and Fasteners
- Safety Gear and First Aid Kits

The CRL43 Auto Glass Catalog focuses on tools, equipment, supplies, safety gear, and accessories used by the auto glass industry. The CRL43 Auto Glass Master Catalog is separated into five sections for fast and easy product reference. It's the first in CRL's series of eight Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



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Technical Sales Business Groups

Glass and Glazing

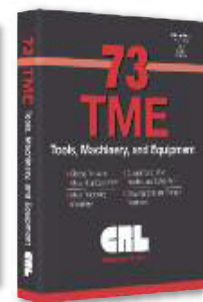
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- Glass Handling Equipment
- Glazier's Tools and Machinery
- Mirror and Glass Hardware
- Retail Display Hardware and Standoffs
- Safety Gear
- Sealants, Adhesives, and Fasteners
- UV Glass Bonding
- Vacuum Lifting Equipment
- Glass Cleaners
- Security Solutions for the Locksmith Industry



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- Door Closers and Hardware
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- Insulating Glass Supplies
- Patio Door Hardware
- Residential Window Hardware
- Screen Wire and Supplies
- Storm Door and Window Supplies
- Screen and Security Doors



Technical Sales Business Groups

Architectural Hardware

- Architectural Storefronts
- 'All-Glass' Entrance Systems
- Door and Sidelite Rails
- Glass Walls and Partitions
- Stacking and Sliding Glass Doors
- Structural Glass Fittings
- Bi-Folding Doors
- Balanced Doors

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Blumcraft Architectural Metals

- Tubular Architectural Hardware
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- Panic Hardware
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- Glass Gates
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- Custom Entrances and Storefronts
- Ornamental Hand and Guard Rails
- Wall Panel Systems
- Bollards
- Glass Awnings

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U.S. Aluminum

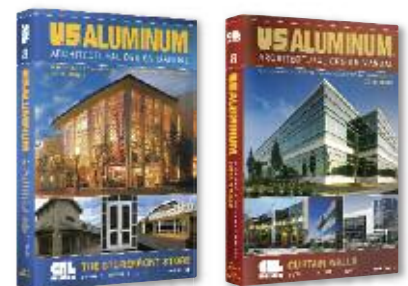
- Storefronts and Entrance Doors
- Window Walls
- Curtain Walls
- Sun Control Systems
- Windows
- Hurricane Resistant Systems
- Blast Mitigation Systems

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Technical Sales Business Groups

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- Hinges and Clamps
- Knobs and Pull Handles
- Sliding Shower Enclosures
- Towel and Grab Bars
- Vanity and Wardrobe Mirrors
- 'All-Glass' Restroom Partitions
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- Aluminum Railing Systems
- Cap Railing Systems
- Hand Railing Systems
- Heavy Glass Base Shoe
- Post Railing Systems
- Windscreen and Gate Systems

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- Bullet Resistant Exchange Windows
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- Partition Posts and Booth Dividers
- Safety and Security Mirrors
- Speak-Thru Devices
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- Truck Sliding Rear Windows
- Van and RV Windows

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Ask for Extension

6200



Los Angeles, California Headquarters of CRL Manufacturing

CRL Manufacturing

- Making Quality Products for Over 50 Years
- User of Progressive ISO9001:2008 Manufacturing Processes
- Mechanical and Technical Expertise Available to Assist Your Manufacturing Processes



You may know C.R. Laurence Company as the world's largest distributor of supplies to the glass industry. What you may not know is that we are also a manufacturer of over 7,000 products found in our Online Catalog. We make some of the best products available to customers worldwide. Our people use progressive ISO9001:2008 manufacturing processes to make products for the Glazing, Screen, Architectural, Railing, Construction, Industrial, and Automotive industries. These certified processes ensure that we give every product our full attention to detail.

Using strict manufacturing standards we produce the kind of quality products that has kept us at the head of this field for many years. That's your assurance that when you select a product made by CRL Manufacturing, you have made the best possible choice.

We're always looking for ways to make our products better, and along the way we've added experts from different fields to our staff of designers, engineers, and craftspeople. Our goal is to make our products a better value to you, whether it's time or labor savings, extended service life, increased versatility or enhanced visual appeal.



Manufacturing Video Online

Go to the home page of crlaurence.com and click on Video Library. From there you can select a seven-minute video presentation detailing CRL's product line and manufacturing capabilities.



Many of our products incorporate industry "firsts"; features offered by no other manufacturer because we feel that no product or process is so good that it can't be improved. We strive to make products of high quality and value. That's the goal we set for ourselves at the onset, and it's still our guiding influence. Some of the improvements we've made have originated from people who have used our products and generously contributed their opinions and suggestions. We welcome your comments, and invite you to contact us at any time regarding a C.R. Laurence product.

Expansion of our manufacturing capability has brought our total manufacturing floor space in California to roughly 650,000 square feet. CRL now has almost 1 million square feet of distribution and manufacturing capability in the local area to better serve our customers. We also have a 90,000 square foot machinery facility in Cicero, Illinois, and a facility in Melbourne, Australia for the manufacture of our Vacuum Lifters. It's all part of CRL's commitment to provide good quality products with short lead times to the industries we serve.

CRL's Precision Design and Engineering is the Key to Quality



• CRL is ISO9001:2008 Certified

It all starts with ISO9001:2008 certification. We produce over 7,000 items for the industries we serve in our ISO9001 Certified manufacturing facilities. Our adherence to the strictest of standards reflects the commitment of our employees to provide the highest quality products.

• Innovation Makes Us a Leader

C.R. Laurence Manufacturing has provided new and innovative products for over 50 years. We know we can't just sit still, because if we do, others will pass us by, and that's not what being a leader is all about.

Many CRL manufactured products incorporate features offered by no one else because we feel that no product is so good that it can't be improved.



• Award Winning Designs and Products

Just because we say our products are all top quality doesn't make it so. However, when those recognized as setting the standards for quality say we make the best, then that really means something. C.R. Laurence Manufacturing has earned some very prestigious awards for manufacturing excellence by organizations that set the standards for quality.



• CRL Rapid Customization Program for Short Lead Times

The goal of CRL's Rapid Customization Program is to achieve the shortest possible lead time on all CRL Manufactured Products, from sketch to quote to fabrication to delivery. This is done several ways, and an important factor is keeping the entire process "in-house". Allowing CRL Manufacturing to control such processes as drafting, modeling, raw material procurement, cutting optimization, high-speed fabrication, finishing, powder coating, batch painting, packaging, and shipping makes for efficient and speedy delivery of products to you.



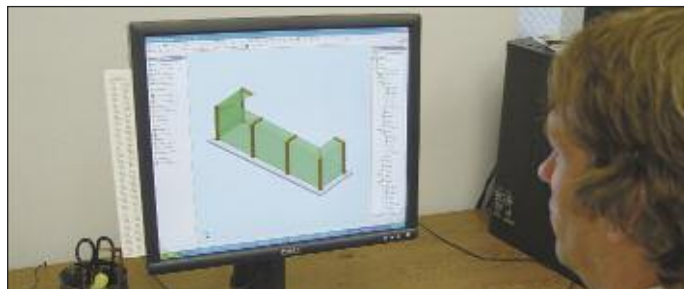
• Engineers Available for Product Development, Testing, and Production Support

CRL's Engineering Department works with you to review designs and job plans to address feasibility, safety concerns, and possible alternate solutions in order to prepare a fair and accurate per unit or per job quote for our manufacturing services.



• Experienced, Knowledgeable Team Dedicated From Start to Finish

Our staff has decades of experience in the various stages of manufacturing. Our people draw upon their resources to find innovation and efficiency in our manufacturing processes, allowing us to build top quality products at prices that are always competitive. From the procurement of raw materials to final shipment of finished goods, it's our experience that makes the difference.



• State-of-the-Art Computers and Software

CRL's trained staff uses up-to-date programs including Auto CAD, Auto Desk Inventor, and ANSYS Workbench to provide the best designs to send to our manufacturing plant. This software and our engineers provide workable, modern designs that can be simulated on our computers, saving you time and money down the road.

Do You Have a New Product That Could be Made by CRL? Need Help With a Current Product? Contact Us

We welcome the opportunity to serve you, and are committed to providing your business with the services that produce quality products. To discuss the possibility of working with CRL Manufacturing we invite you to contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. To send e-mail go to crlaurence.com, click on Contact Us, and then click on Product Management.



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- crlaurence.com Never Closes!
- It's the Home of Our Online Catalog

Many of our customers have found the most convenient method of ordering from CRL is through our "self-service" web site. When you use crlaurence.com to place your orders you have many options that other methods don't provide. You set the schedule and the pace because you can sign on 24 hours a day, seven days a week. You can build a personal catalog and even make changes or additions to your orders online. There's no easier way! See pages III through XVII for more information about the benefits of ordering at crlaurence.com.



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- This Convenient Way of Ordering is Used Over 1,000 Times Every Day

When we introduced toll free fax service in the '80's we had no idea how popular it would become, but now our customers send us over 1,000 orders or quote requests every business day! Fax ordering is very convenient because you can fill out your own purchase orders and then just fax them to us. You can be specific about shipping instructions or other details that will help us serve you. To send your orders or quote requests by toll free fax from anywhere in the U.S. or Canada, just dial **(800) 262-3299**. In Australia the number is **1800 813 013**. In Europe the freefax number is **00 800 0262 3299**.



Toll Free Customer Service Order Desk

- Our Friendly, Trained Staff is Always Happy to Hear From You

For over 40 years CRL has provided toll free ordering at **(800) 421-6144**. When you call our Customer Service Order Desk you'll find CRL staff who are trained to provide assistance with CRL products and services. They have instant access to pricing, stock availability, and the status of your account, plus they can connect you to CRL Technical Sales personnel if you need specialized product assistance. Order Desk hours are 6 am to 5 pm (Pacific Time) Monday through Friday, and 7 am to 12 pm Saturdays. In Australia our number is **1800 424 275**. In Europe our freephone number is **00 800 0421 6144**.



Will Call Trade Counter

- When You Need It Today, Our Will Call Trade Counter is Your Fastest Option
- Come In and Visit Us at All CRL Service Center Locations

Every CRL Service Center location has a Will Call Trade Counter where you can place and pick up your orders in person. And when you place your order in advance by phone, fax, or over the Internet, we can have it ready and waiting for you, which can save you a lot of time. Will Call Trade Counter hours are 8 am to 5 pm Monday through Friday, and 8 am to 12 pm Saturdays. Some of our most experienced people staff our Will Call Trade Counter, and they are always happy to see you. Remember, to save time just place your order in advance.

Who May Buy

C.R. Laurence is a manufacturer and wholesale distributor. Possession of this catalog, or any other CRL sales literature, does not constitute an offer to sell. Orders from individuals (except professional tradesmen) may not be accepted.



C.R. LAURENCE COMPANY

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1

Security Door and Window Screen Systems

- PROTECTIVE SECURITY SCREENS
- STEEL SECURITY SCREEN DOORS
- HINGED STEEL AND VINYL SCREEN DOORS
- SCREEN DOOR MEASURING INSTRUCTIONS
- LOCKING HARDWARE

See other side for Section Index.



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SECURITY SCREEN™

SECURITY WITH **AIR FLOW** AND A VIEW

SCREEN DOORS AND WINDOW SCREENS

- Provides Protection and Ventilation With Unobstructed Clear Vision Views!
- Perfect Replacement of Old Style Steel Bar Type Security Doors
- Incorporates Specially Designed Multi-Point Lock Systems
- High Resistance to Forced Entry
- Exclusively Made With Certified 316 Marine Grade High-Tensile Stainless Steel Black Powder Coated Security Mesh
- Nine Standard Aluminum Frame Colors

- French Security Doors
- Hinged Security Doors
- Fixed Window Security Screens
- Keyed Locking-Window Screens
- Quick Escape Window Screens

DESIGNED AND FABRICATED IN THE U.S.A. BY C.R. LAURENCE CO., INC.



C.R. LAURENCE COMPANY

crlaurence.com | crlaurence.com/security-screen

Glazing, Screen, Architectural, Railing, Construction, Industrial, and Automotive Supplies

CRL offers two levels of **CRL Security Screen™** protection in standard and custom sizes to meet your security needs:

CRL Security Screen™ Premium feature our maximum strength frames that take protection "to the max" and are perfect for residential properties, government installations, prisons, commercial properties, and other structures that require the ultimate in security. The heavy extruded aluminum (Grade 6063-T6) frame size is 1" x 3-3/8" (25 x 86 mm). Sliding and swinging screen doors come with heavy-duty three-point latching systems, delivering the ultimate in protection against forced entry.

CRL Security Screen™ Slimline are designed to be aesthetically pleasing for both residential and commercial applications. When used by businesses in commercial applications, Slimline Frames help ensure protection of property and inventory in the same manner they would protect your home and belongings. The extruded aluminum frame size is 13/16" x 3" (20 x 76 mm). As with the Premium Security Screens, all Slimline Screens feature a three-point latching system to provide increased protection against forced entry. The Slimline Door Series comes complete with a hinged side adjustment channel and bottom adjustment channel.

Patented screen tensioning system. 316 Marine Grade High-Tensile Stainless Steel Security Mesh passes standards for Knife Shear (AS 5041-2003) and complies with corrosion requirements of AS2331.0-2006.



THE BENEFITS OF CRL SECURITY SCREEN™

PROTECTION AND PEACE OF MIND

- CRL Security Screen™ Doors and Windows Provide a Security Barrier to Unlawful Entry, Discouraging Intruders
- Designed for Security Applications, CRL Security Screen™ Helps to Prevent Burglars From Gaining Access, While Also Providing Homeowners With Ease of Use, Entry, and Exit
- Above All, CRL Security Screen™ Doors and Windows are Made Strong, Secure, and Durable to Provide Years of Trouble-Free Use
- CRL Security Screen™ Provides Protection From Flies, Mosquitoes, and Other Pests

VISIBILITY

- Provides Security Without Compromising a Clear and Unobstructed View of the Outdoors
- As a Mesh-Screen Product, CRL Security Screen™ Allows the Free-Flow and Circulation of Air for Your Comfort
- Provides Energy Savings From Reduced Need for Air-Conditioning
- Blocks an Average of 60% of Harmful UV Rays

ARCHITECTURAL DESIGN AND APPEAL

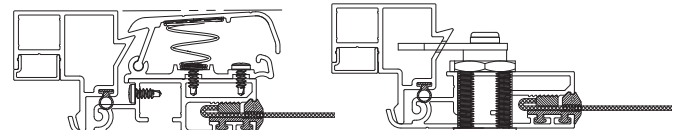
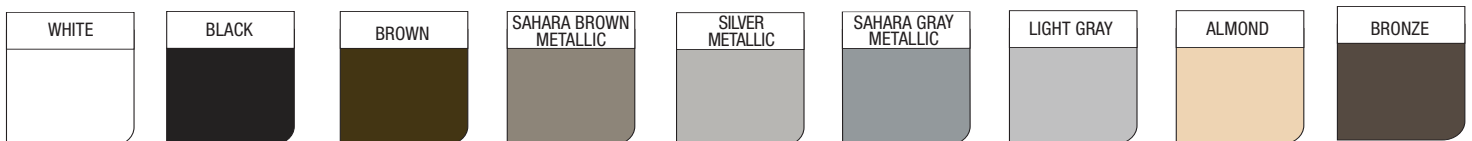
- Security Doors and Window Screens are Not Only Made to be Strong, but Also to Enhance and Modernize the Architectural Appeal. There is No Compromise With Aesthetics as With Conventional Bar and Grille Systems
- Easily Incorporated into Almost All Types of Doors and Windows



WATCH TESTING VIDEO

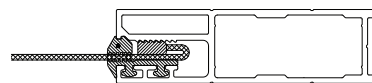
STANDARD ALUMINUM FRAME COLORS

White, Black, Brown, Sahara Brown, Silver, Sahara Gray, Light Gray, Almond, and Bronze

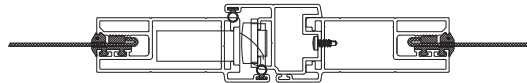


Quick Escape Security Window Screen Cross Section

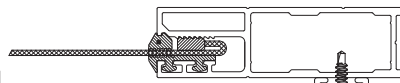
Keyed Lock Security Window Screen Cross Section



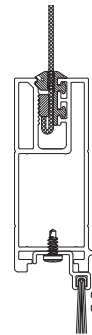
Slimline Security Swinging Screen Door Cross Section



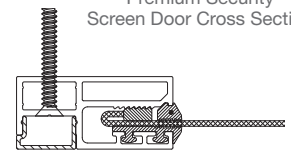
Premium Security French Screen Door Cross Section



Slimline Security Sliding Screen Door Cross Section



Premium Security Screen Door Cross Section



Fixed Window Security Screen Cross Section



Clear Vision



Impact Resistance



Energy Savings



No Bars



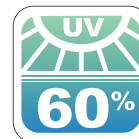
Protection from Insects



Air Flow and Circulation



Appealing Design



60% UV Blockage



Easy Entry and Exit



Standard Sizes and Custom Made

CRL SECURITY SCREEN™ DOUBLE/SINGLE SLIDING DOORS

CRL Security Screen™ Double/Single Sliding Patio Doors can protect either the single sliding glass door or both glass panels. Double Security Patio Doors protect the sliding glass door and the stationary glass door panel from intruders. Double and Single Security Doors have a three-point latching system with one simple locking action. CRL Security Screen™ Patio Doors filter out 60% of the sun's harmful U.V. rays. Both the Single and Double Security Doors are available in an aluminum frame surround system that reduces installation time.



CRL SECURITY SCREEN™ FRENCH SECURITY DOORS

CRL Security Screen™ French Doors provide security with elegance and air flow for swinging door applications. CRL Security Screen™ French Door Systems have two operating doors with no center post when both doors are open, providing an unobstructed view. CRL Security Screen™ French Doors can be designed for a left or right active operating door with the security of the inactive door locked in place. These specially designed multi-latching point doors are made strong and durable to provide years of trouble-free protection.



**Powder Coat Warranty
Ten Years From
Date of Original
Installation on Mesh**

Visit our web sites at
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to learn more about
CRL Security Screen™.
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and ask for Ext. 7520.

CRL SECURITY SCREEN™ HINGED SECURITY DOORS

CRL Security Screen™ Hinged Doors are often the first line of defense to protect you and your property. CRL Security Screen™ Hinged Doors are available to accommodate a wide range of swinging door applications, either in an interior or exterior mount configuration. All CRL Security Screen™ Doors are manufactured with 316 marine grade black powder coated stainless steel mesh. CRL Security Screen™ Doors are architecturally designed to easily incorporate into aluminum, vinyl, or wood framed openings, for both new and existing structures.



CRL SECURITY SCREEN™ WINDOW APPLICATIONS



CRL SECURITY SCREEN™ FIXED WINDOW SECURITY SCREENS

CRL Security Screen™ Fixed Window Security Screens are the ideal solution to cover and protect non-opening windows. CRL Security Screen™ Fixed Window Security Screens feature a concealed fastening system and can be installed on the interior or exterior. The slim frame of the CRL Security Screen™ Fixed Window Security Screen allows the screen to blend with any architecture. CRL Security Screen™ Fixed Window Security Screens offer flexibility for mounting on new and existing structures. Applications include: schools, day care centers, psychiatric and detox centers, government buildings, adult care facilities, and private residences.

CRL SECURITY SCREEN™ KEYED LOCKING WINDOW SCREENS

CRL Security Screen™ Keyed Locking Window Screens provide keyed access for window cleaning while providing a secure, tamper resistant keyed locking system. Screens are designed to be an inside mount or surface mount system on fixed, non-operable glass panels only.



CRL SECURITY SCREEN™ QUICK ESCAPE WINDOW SCREENS

CRL Security Screen™ Quick Escape Window Screens have an easy release push mechanism that also acts as a secure, tamper resistant device that locks the screen closed for peace of mind. Quick Escape Window Screens are designed to be an inside mount or surface mount system.



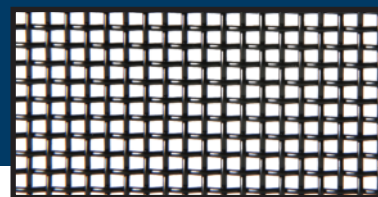
crlaurence.com/security-screen

CRL SECURITY SCREEN™ WARRANTIES



- Powder Coating Color Warranty* for a period of ten years from the date of original installation on mesh and sash panels.
- Hardware Warranty* for a period of one year from the date of original installation on all hardware (hinges, door closers, locks, and rollers).

* Terms and conditions apply.



Mesh Shown Actual Size

Visit crlaurence.com/security-screen to learn more about CRL Security Screen™. To speak with a CRL Security Screen™ Technician, please call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, and ask for Ext. 7520. Email: securityscreen@crlaurence.com



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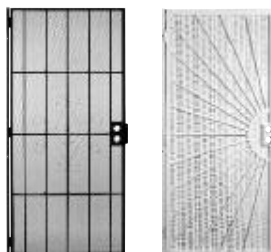
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Columbia Manufactures Screen Doors, Security Doors, and More in Our Own Southern California Factory

The Columbia Manufacturing factory is located in Gardena, California, minutes south of downtown Los Angeles. American manufacturing experience and excellence, plus quality materials are the main components in our superior line of screen and security doors. The C.R. Laurence service network makes them available throughout North America from any of our Service Centers. Call our Door and Window Department at (800) 421-6144, Ext. 7520 for pricing, delivery, and custom size information.

Steel Security Screen Doors

- Durable Powder Coat White, Black, and Navajo Finishes in Most Models
- Intruder Resistant Full Length Fly Strap
- Double Hole Security Lock Box
- Optional Lever and Tulip Style Deadbolts and Locksets Available (See Page 123W)
- Three Tamperproof Security Butt Hinges



See pages 117W-122W

Hinged Steel Screen Doors

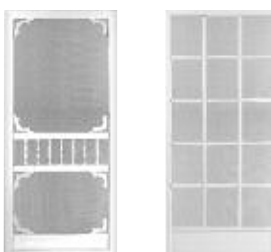
- Patented One-Piece Unitized Roll Formed Frame Construction
- 1" (25 mm) Adjustability in Height and Width
- Reversible for Left or Right Handed Openings
- UV Resistant Fire Retardant Fiberglass Screen
- Expanded Pet Protection With Grilles on Most Styles
- Hardware Included



See pages 124W-128W

Hinged Vinyl Screen Doors

- Low Maintenance Vinyl Frame Never Needs Painting and Will Not Twist, Warp or Sag
- 1" (25 mm) of Height and Width Adjustments
- Reversible for Left or Right Handed Openings
- Fusion Welded Corners for Extra Strength
- Complete With Closer and Push Button Latch



See pages 129W-131W

Sliding Patio Screen Doors

- Patented One-Piece Unitized Steel Construction
- Quickly Adjusts to Opening Height
- Reversible for Left or Right Handed Openings
- Standard Fire Retardant Fiberglass Screen
- White, Gray, and Bronze Finishes in Most Models
- Complete With Handle, Rollers, and Bug Seal



See pages 191W-192W



U.S. Patent No. 5,628,114

We also offer a selection of
accessories and supplementary
screen products

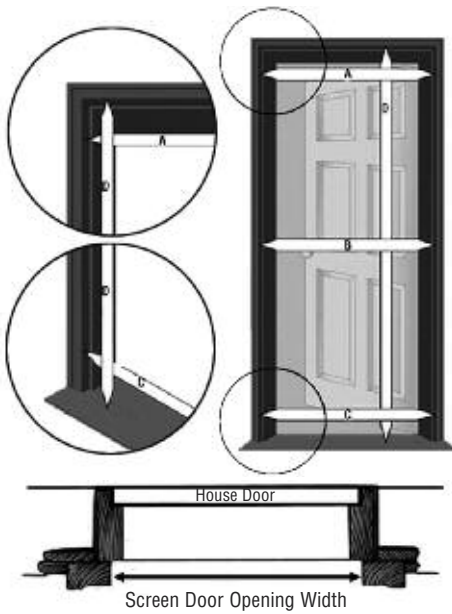
Columbia Accessories

- K.D. Screen Door Kits for Patio Doors
- Aluminum and Steel Patio Screen Door Pet Grilles
- Adjustable Window Screen Kits
- Roll Formed Window Screen Frame
- Complete Line of Window Screen Mesh, Spline and Hardware
- Screen Frame Spreader Bar
- Muntin Bar for Insulating Glass Units

CRL SCREEN DOOR MEASURING INSTRUCTIONS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Hinged Steel and Vinyl Screen Doors



Hinged Door Worksheet

Measurement A _____ (Width)

Measurement B _____ (Width)

Measurement C _____ (Width)

Measurement D _____ (Height)

Specify width first, height second.

CRL Hinged Vinyl Screen Door Sizes

NOMINAL DOOR SIZE	WIDTH OPENING MIN.	WIDTH OPENING MAX.	HEIGHT OPENING MIN.	HEIGHT OPENING MAX.
30" x 80"	29-1/4"	30-1/4"	79-1/4"	80-3/4"
32" x 80"	31-1/4"	32-1/4"	79-1/4"	80-3/4"
36" x 80"	35-1/4"	36-1/4"	79-1/4"	80-3/4"

CRL Hinged Steel Screen Door Sizes

NOMINAL DOOR SIZE	WIDTH OPENING MIN.	WIDTH OPENING MAX.	HEIGHT OPENING MIN.	HEIGHT OPENING MAX.
30" x 80"	29-1/4"	30-1/4"	79-1/4"	80-1/4"
32" x 80"	31-1/4"	32-1/4"	79-1/4"	80-1/4"
36" x 80"	35-1/4"	36-1/4"	79-1/4"	80-1/4"

Measure the opening width (horizontally) as shown. Take three measurements, one across the top, middle and bottom of the door (A, B, C). Record the smallest dimension.

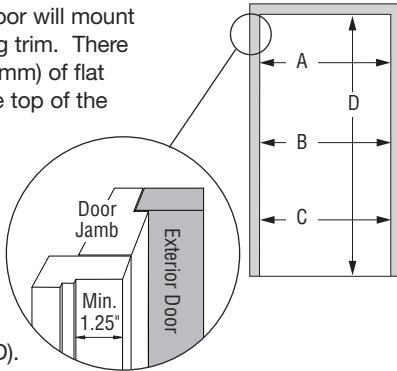
Measure the opening height (vertically) as shown (D). Record the smallest dimension. Write down measurements.

Note: Place the screen door near the opening of where the door is to be hung. Make sure the front of the door is facing the outside. (Screen wire will be on inside of door)

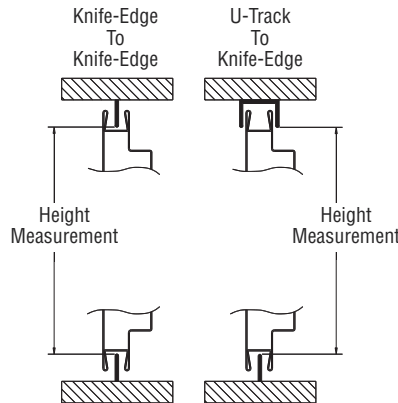
CRL Steel Security Screen Door

Your Steel Security Screen Door will mount on the surface of your existing trim. There must be at least 1-1/4" (31.8 mm) of flat surface on both sides and the top of the door frame to mount to.

1. Measure Width: At top (A), center (B), and bottom (C). Use the smallest measurement.
2. Measure Height: At both sides of opening from threshold to door header (D).



CRL Patio Sliding Screen Door



Calculate Net Door Size Width and Height:

Door Width is Equal to Width of Sliding Door.

Door Height is Equal to Height Measurement Less 3/4" (19 mm).

This Will Be Net Size:

Width _____ Color _____

Height _____ Door _____

CRL Single Door Display

- Fully Assembled
- All Welded Steel Construction
- Holds One Door



CAT. NO.	TYPE
11162020	Standard/Screen
11162002	Security Doors

Minimum order: 1 each. NOTE: Display door not included.

CRL Double Door Display

- Fully Assembled
- All Welded Steel Construction
- Holds Up to Two Doors



CAT. NO.	TYPE
21162020	Standard/Screen
21162002	Security Doors

Minimum order: 1 each. NOTE: Display doors not included.

CRL Ten Door Display

- Fully Assembled
- All Welded Steel Construction
- Holds Up to Ten Doors of Any Type

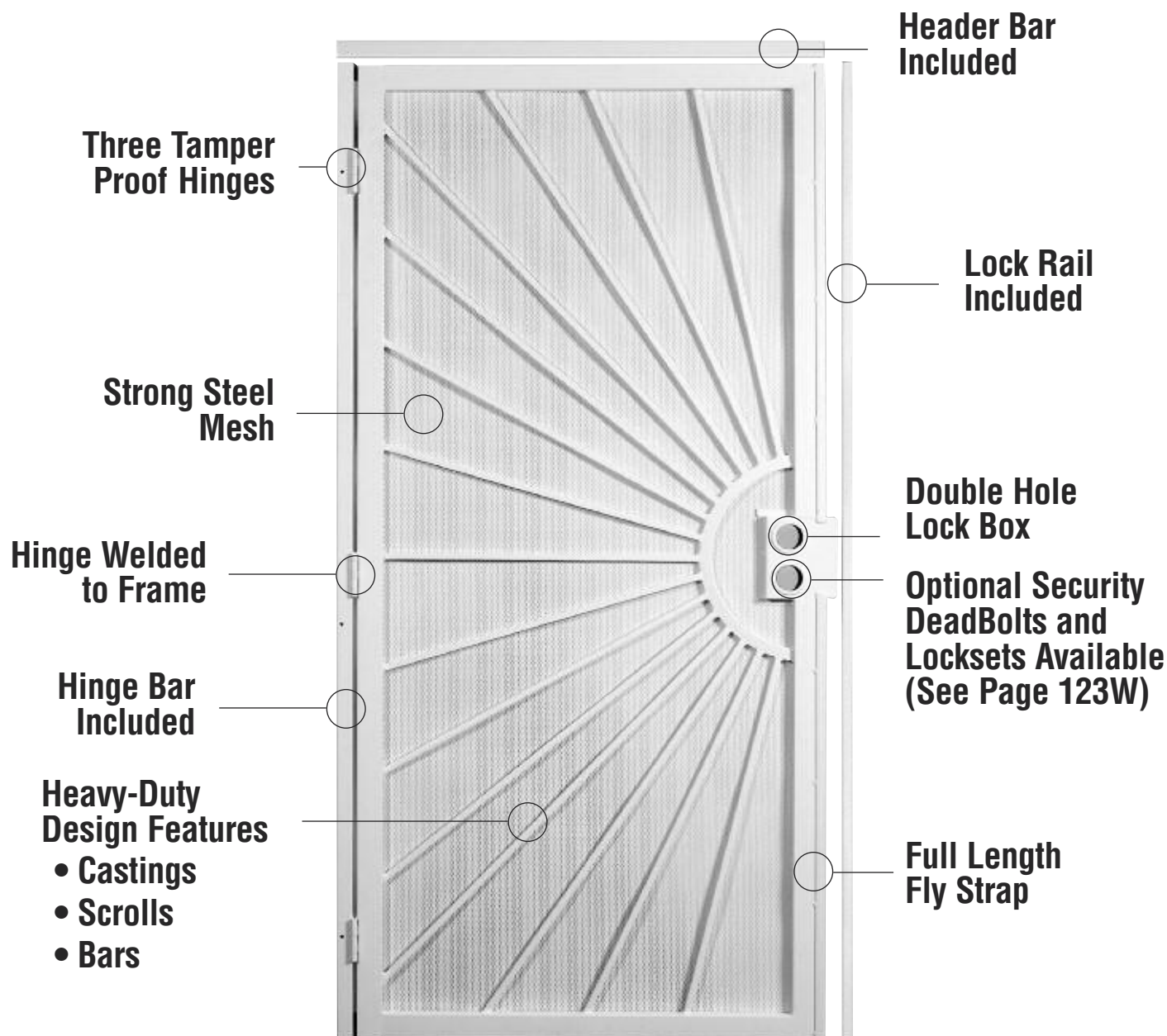
All Necessary Mounting Hardware Included



CAT. NO.	TYPE
101162020	Universal, Up to 10 Doors

Minimum order: 1 each. NOTE: Display doors not included.

new



Each door and mesh is made from harden steel. We use an extra thick powder coat to insure the finish will last for years in any weather condition.



Each of our doors is built for security. Each door has a full length intruder resistant fly strap and three tamper proof butt hinges.



Each of our security doors is built with the finest materials and casting available.

CRL STEEL SECURITY SCREEN DOORS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

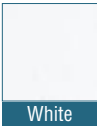
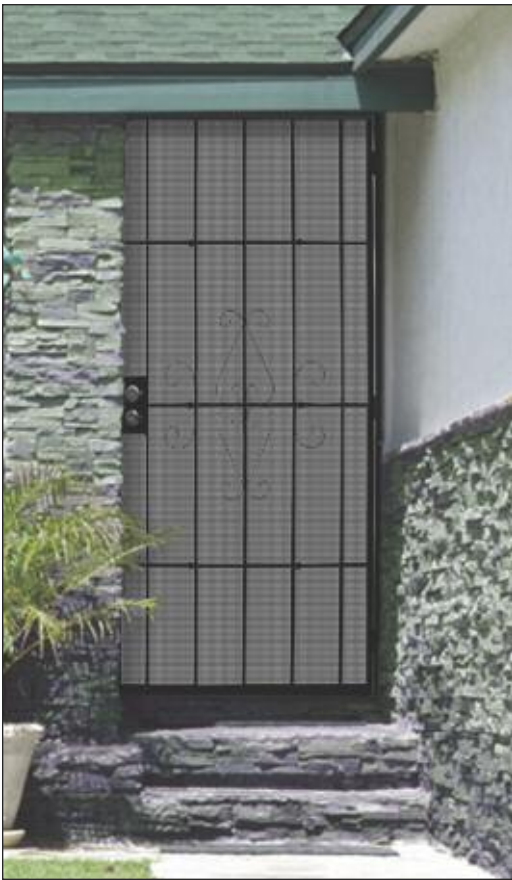
CRL Magnum Steel Security Screen Doors

- Durable Powder Coat Paint Finish
- Reversible for Left or Right Handed Openings
- Three Tamper Proof Security Butt Hinges
- Decorative Scroll Work Design

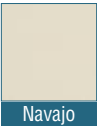
new



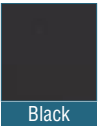
Deadbolts and Locksets are Sold Separately. See Page 123W.



White



Navajo



Black

CRL Columbia Security Doors are engineered to the toughest standards with commercial grade all steel construction. They provide some of the most durable security doors available, with several designs to choose from. Each door features 24 gauge expanded mesh, double hole security lock boxes with extended plates and full length flystraps that do not impede the door's security. Frame size is 3/4" (19 mm) x 3/4" (19 mm).

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
25160200	White	30" (762 mm)	80" (2.03 m)	1
25160201	White	32" (813 mm)	80" (2.03 m)	1
25160202	White	36" (914 mm)	80" (2.03 m)	1
25160220	Navajo	30" (762 mm)	80" (2.03 m)	1
25160221	Navajo	32" (813 mm)	80" (2.03 m)	1
25160222	Navajo	36" (914 mm)	80" (2.03 m)	1
25160210	Black	30" (762 mm)	80" (2.03 m)	1
25160211	Black	32" (813 mm)	80" (2.03 m)	1
25160212	Black	36" (914 mm)	80" (2.03 m)	1

Minimum order: 1 each. All CRL Steel Security Screen Doors can be combined for quantity pricing.



C.R. LAURENCE COMPANY

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118W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL STEEL SECURITY SCREEN DOORS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Gibraltar Steel Security Screen Doors

new

- High End Decorative Design
- Durable Powder Coat Paint Finish
- Double Hole Security Lock Box With Extended Plate
- Deadbolts and Locksets Sold Separately (See Page 123W)

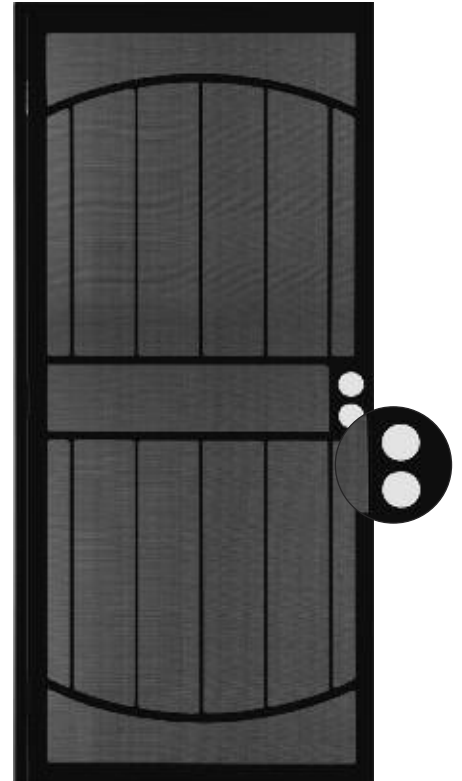
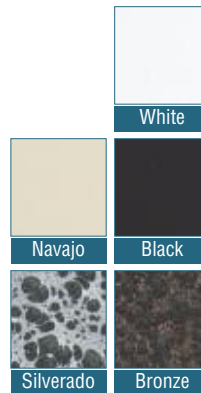


Frame Size
1" (25 mm) x 2" (51 mm)

The CRL Gibraltar Security Door features two new mottled specialty finishes which are: Silverado and Bronze. These doors also include 24 gauge expanded mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
28180301	White	32" (813 mm)	80" (2.03 m)	1
28180302	White	36" (914 mm)	80" (2.03 m)	1
28180311	Black	32" (813 mm)	80" (2.03 m)	1
28180312	Black	36" (914 mm)	80" (2.03 m)	1
28180361	Navajo	32" (813 mm)	80" (2.03 m)	1
28180362	Navajo	36" (914 mm)	80" (2.03 m)	1
28180341	Silverado	32" (813 mm)	80" (2.03 m)	1
28180342	Silverado	36" (914 mm)	80" (2.03 m)	1
28180351	Bronze	32" (813 mm)	80" (2.03 m)	1
28180352	Bronze	36" (914 mm)	80" (2.03 m)	1

Minimum order: 1 each. All CRL Steel Security Doors can be combined for quantity pricing.



CRL Cherokee Steel Security Screen Doors

new

- Extra Wide Frames for Added Strength
- Durable Powder Coat Paint Finish
- Three Tamper Proof Security Butt Hinges
- Custom Sizes Available on Request
- Deadbolts and Locksets Sold Separately (See Page 123W)



Frame Size
1" (25 mm) x 2" (51 mm)

CRL Columbia Security Screen Doors are engineered to the toughest standards and made with heavy-duty commercial grade steel. Each door features 24 gauge perforated mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security. Security Doors can be positioned for left or right hand openings. In addition, an adjustable side rail and top bar are included to allow for the perfect secure fit.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
25166201	White	32" (813 mm)	80" (2.03 m)	1
25166202	White	36" (914 mm)	80" (2.03 m)	1
25166221	Navajo	32" (813 mm)	80" (2.03 m)	1
25166222	Navajo	36" (914 mm)	80" (2.03 m)	1

Minimum Order: 1 each. All CRL Steel Security Doors can be combined for quantity pricing.



CRL STEEL SECURITY SCREEN DOORS

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CRL Belvedere Steel Security Screen Doors

new

- Diecast Scroll Design Feature
- Durable Powder Coat Paint Finish
- Reversible for Left or Right Handed Openings
- Three Tamper Proof Security Butt Hinges
- Custom Sizes Available on Request
- Deadbolts and Locksets Sold Separately (See Page 123W)



Frame Size
1" (25 mm) x 1" (25 mm)

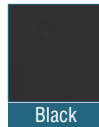
CRL Columbia Security Doors are engineered to the toughest standards with commercial grade all-steel construction. CRL Columbia provides some of the most durable security doors available, with several designs to choose from. Each door features 24 gauge perforated mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
25162201	White	32" (813 mm)	80" (2.03 m)	1
25162202	White	36" (914 mm)	80" (2.03 m)	1
25162211	Black	32" (813 mm)	80" (2.03 m)	1
25162212	Black	36" (914 mm)	80" (2.03 m)	1
25162221	Navajo	32" (813 mm)	80" (2.03 m)	1
25162222	Navajo	36" (914 mm)	80" (2.03 m)	1

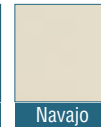
Minimum order: 1 each. All CRL Security Screen Doors can be combined for quantity pricing.



White



Black



Navajo



CRL Belvedere French Steel Security Screen Doors

new

- High End Decorative Design
- Durable Powder Coat Paint Finish
- Reversible Double Hole Security Lock Box With Extended Plate for Left or Right Handing
- Deadbolts and Locksets Sold Separately (See Page 123W)



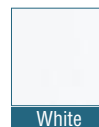
CRL Columbia Security Doors are engineered to the toughest standards with commercial grade all-steel construction. CRL Columbia provides some of the most durable security doors available, with several designs to choose from. Each door features 24 gauge perforated mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
251622020	White	60" (1.52 m)	80" (2.03 m)	1 Pair
251622021	White	64" (1.63 m)	80" (2.03 m)	1 Pair
251622022	White	72" (1.83 m)	80" (2.03 m)	1 Pair
251622120	Black	60" (1.52 m)	80" (2.03 m)	1 Pair
251622121	Black	64" (1.63 m)	80" (2.03 m)	1 Pair
251622122	Black	72" (1.83 m)	80" (2.03 m)	1 Pair
251622220	Navajo	60" (1.52 m)	80" (2.03 m)	1 Pair
251622221	Navajo	64" (1.63 m)	80" (2.03 m)	1 Pair
251622222	Navajo	72" (1.83 m)	80" (2.03 m)	1 Pair

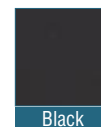
Minimum order: 1 pair. All CRL Steel Security Screen Doors can be combined for quantity pricing.



Frame Size 1" (25 mm) x 1" (25 mm)



White



Black



Navajo



C.R. LAURENCE COMPANY

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CRL Sunset Steel Multi-Bar Security Screen Doors

new

- Decorative Design
- Three Tamper Proof Security Butt Hinges
- Durable Powder Coat Paint Finish
- Custom Sizes Available on Request
- Deadbolts and Locksets Sold Separately (See Page 123W)

CRL Columbia Security Doors are engineered to the toughest standards with commercial grade all-steel construction. CRL Columbia provides some of the most durable security doors available, with several designs to choose from. Each door features 24 gauge perforated mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security.

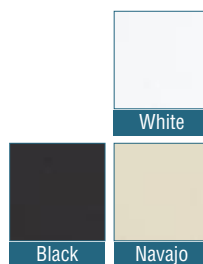


Frame Size
1" (25 mm) x 2" (51 mm)



CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
25163201	White	32" (813 mm)	80" (2.03 m)	1
25163202	White	36" (914 mm)	80" (2.03 m)	1
25163211	Black	32" (813 mm)	80" (2.03 m)	1
25163212	Black	36" (914 mm)	80" (2.03 m)	1
25163221	Navajo	32" (813 mm)	80" (2.03 m)	1
25163222	Navajo	36" (914 mm)	80" (2.03 m)	1

Minimum order: 1 each. All CRL Steel Security Screen Doors can be combined for quantity pricing.



CRL Sunset French Steel Security Screen Doors

new

- High End Decorative Design
- Durable Powder Coat Paint Finish
- Three Tamper Proof Security Butt Hinges Per Door
- Reversible Double Hole Security Lock Box With Extended Plate for Left or Right Handing
- Deadbolts and Locksets Sold Separately (See Page 123W)

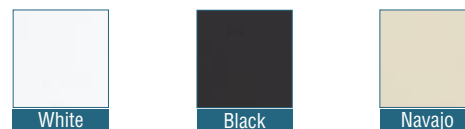
CRL Columbia Security Doors are engineered to the toughest standards with commercial grade all-steel construction. CRL Columbia provides some of the most durable security doors available, with several designs to choose from. Each door features 24 gauge perforated mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security.



Frame Size 1" (25 mm) x 2" (51 mm)

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
251632020	White	60" (1.52 m)	80" (2.03 m)	1 Pair
251632021	White	64" (1.63 m)	80" (2.03 m)	1 Pair
251632022	White	72" (1.83 m)	80" (2.03 m)	1 Pair
251632120	Black	60" (1.52 m)	80" (2.03 m)	1 Pair
251632121	Black	64" (1.63 m)	80" (2.03 m)	1 Pair
251632122	Black	72" (1.83 m)	80" (2.03 m)	1 Pair
251632220	Navajo	60" (1.52 m)	80" (2.03 m)	1 Pair
251632221	Navajo	64" (1.63 m)	80" (2.03 m)	1 Pair
251632222	Navajo	72" (1.83 m)	80" (2.03 m)	1 Pair

Minimum order: 1 pair. All CRL Steel Security Screen Doors can be combined for quantity pricing.



CRL STEEL SECURITY SCREEN DOORS

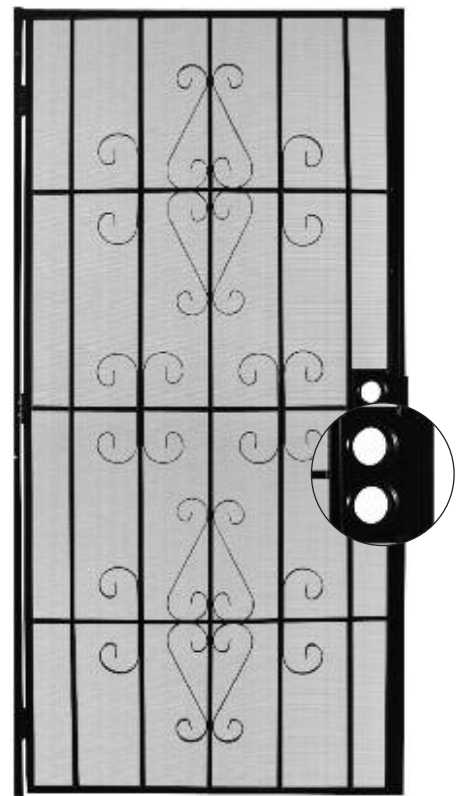
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CRL Atlas Steel Security Screen Doors **new**

- Decorative 'C' Scroll Design
- Intruder Resistant Full Length Fly Strap
- Three Tamper Proof Security Butt Hinges
- Durable Powder Coat Paint Finish
- Reversible for Left or Right Handed Openings
- Deadbolts and Locksets Sold Separately (See Page 123W)

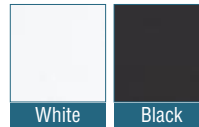


Frame Size
3/4" (19 mm) x 3/4" (19 mm)



CRL Columbia Security Doors are engineered to the toughest standards with commercial grade all-steel construction. CRL Columbia provides some of the most durable security doors available, with several designs to choose from. Each door features 24 gauge expanded mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
25161202	White	36" (914 mm)	80" (2.03 m)	1
25161212	Black	36" (914 mm)	80" (2.03 m)	1



Minimum order: 1 each. All CRL Steel Security Screen Doors can be combined for quantity pricing.

CRL Atrium Steel Security Screen Doors **new**

- High End Decorative Design
- Durable White Powder Coat Paint Finish and Black Mesh
- Reversible Double Hole Security Lock Box With Extended Plate for Left or Right Handing
- Three Tamper Proof Security Butt Hinges
- Deadbolts and Locksets Sold Separately (See Page 123W)

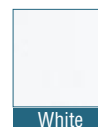


Frame Size
1" (25 mm) x 2" (51 mm)



CRL Columbia Security Doors are engineered to the toughest standards with commercial grade all-steel construction. CRL Columbia provides some of the most durable security doors available, with several designs to choose from. Each door features 24 gauge perforated mesh, and full length fly straps that do not impede the door's security.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
25170202	White	36" (914 mm)	80" (2.03 m)	1



Minimum order: 1 each. All CRL Steel Security Screen Doors can be combined for quantity pricing.

CRL Steel Security Door Combination Lock Sets

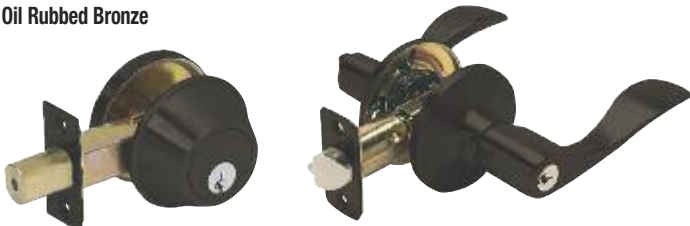
CRL Niagara Deadbolt and Lever Sets

Satin Nickel



CAT. NO. CLL2SN

Oil Rubbed Bronze



CAT. NO. CLL2ORB

Polished Brass



CAT. NO. CLL2BR

Deadbolt Features:

Door Range 1-3/8" (35 mm) to 1-3/4" (44.5 mm)

Back Set Adjustable 2-3/8" (60 mm) or 2-3/4" (70 mm)

Deadbolt 1" (25 mm) x 2-1/4" (57 mm), square corner faceplate, 7/8" (22 mm) housing diameter, 1" (25 mm) throw with anti-saw roller bar for added security

Strike 1" (25 mm) x 2-1/4" (57 mm) square corner

Key Cylinder Schlage (SCC) keyway

Keys Two nickel silver cut keys per lock

Lever Features:

Door Range 1-3/8" (35 mm) to 1-3/4" (44.5 mm)

Back Set Adjustable 2-3/8" (60 mm) or 2-3/4" (70 mm)

Latch 1" (25 mm) x 2-1/4" (57 mm), square corner and radius faceplate, 7/8" (22 mm) housing diameter, 1/2" (12.7 mm) throw

Strike 1-5/8" (41 mm) x 2-1/4" (57 mm) square corner, full lip

Key Cylinder Schlage (SCC) keyway

Keys Two nickel silver cut keys per lock

Certification Meets ANSI 156.2, Series 4000, Grade 3

- For Use On All CRL Steel Security Screen Doors

new

CRL Parkland Deadbolt and Knob Sets

Satin Nickel



CAT. NO. CLK2SN

Oil Rubbed Bronze



CAT. NO. CLK2ORB

Polished Brass



CAT. NO. CLK2BR

Deadbolt Features:

Door Range 1-3/8" (35 mm) to 1-3/4" (44.5 mm)

Back Set Adjustable 2-3/8" (60 mm) or 2-3/4" (70 mm)

Deadbolt 1" (25 mm) x 2-1/4" (57 mm), square corner faceplate, 7/8" (22 mm) housing diameter, 1" (25 mm) throw with anti-saw roller bar for added security

Strike 1" (25 mm) x 2-1/4" (57 mm) square corner

Key Cylinder Schlage (SCC) keyway

Keys Two nickel silver cut keys per lock

Knob Features:

Door Range 1-3/8" (35 mm) to 1-3/4" (44.5 mm)

Back Set Adjustable 2-3/8" (60 mm) or 2-3/4" (70 mm)

Latch 1" (25 mm) x 2-1/4" (57 mm), square corner and radius faceplate, 7/8" (22 mm) housing diameter, 1/2" (12.7 mm) throw

Strike 1-5/8" (41 mm) x 2-1/4" (57 mm) square corner, full lip

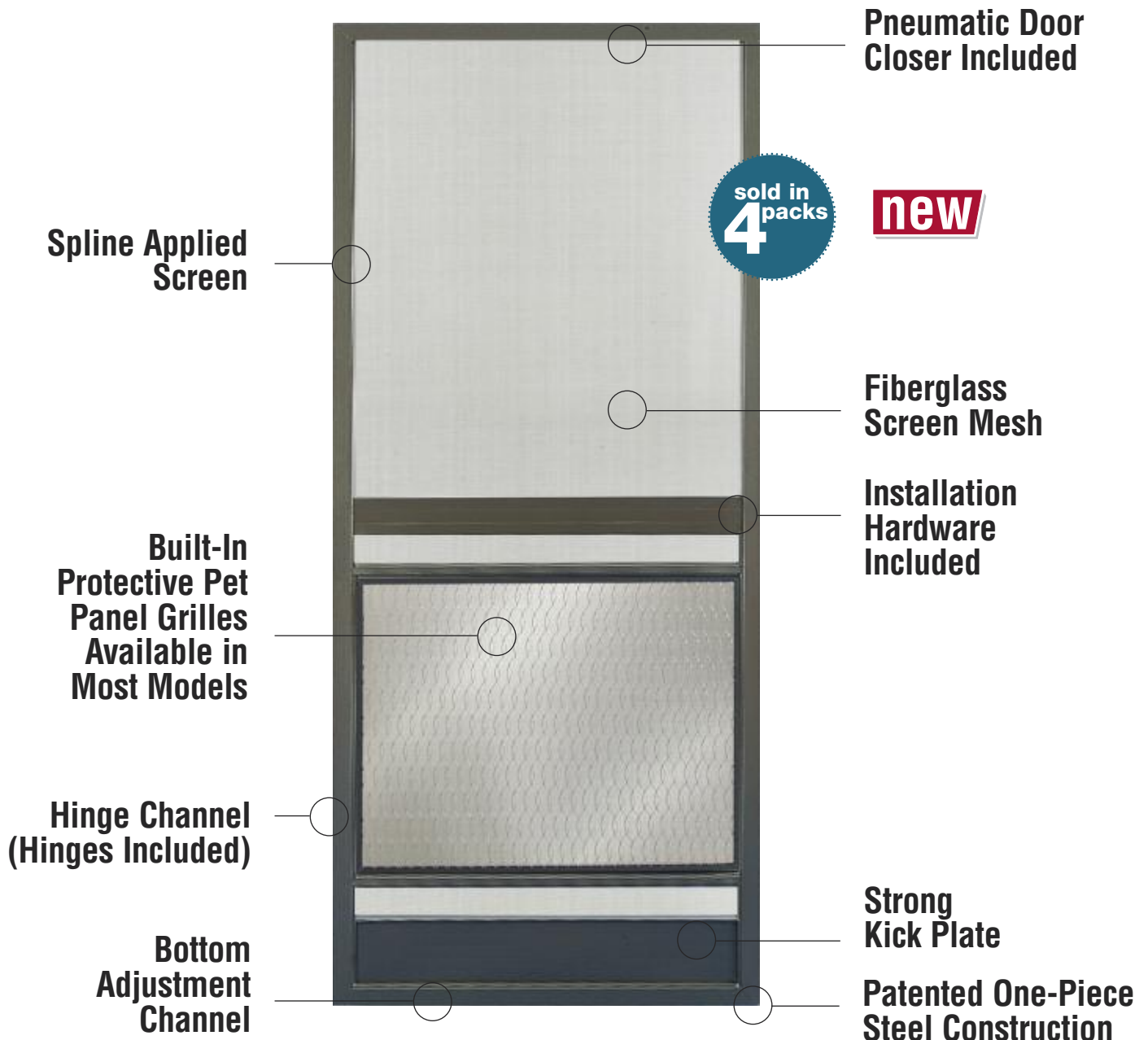
Key Cylinder Schlage (SCC) keyway

Keys Two nickel silver cut keys per lock

Minimum order: 1 set. All Deadbolt Sets can be combined for quantity pricing.

CRL HINGED STEEL SCREEN DOORS

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Our patented one-piece construction technique makes our doors the strongest on the market.

U.S. Patent No. 5,628,114



Scratch resistant epoxy finish allows our door finish to last a lifetime. No need to ever paint.



Pneumatic door closer and installation hardware included.



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CRL Bravo Hinged Steel Screen Doors **new**

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included
- Custom Sizes Available on Request



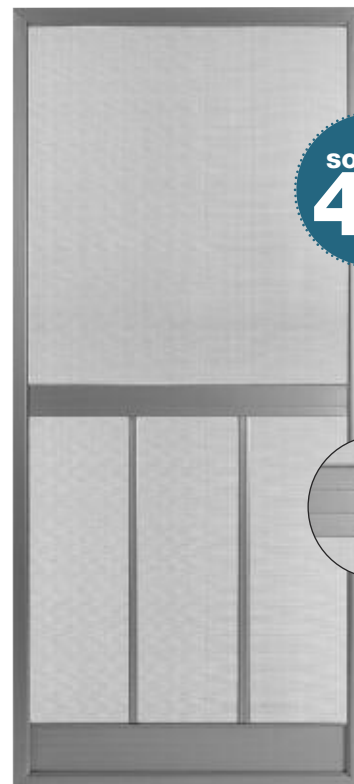
U.S. Patent No. 5,628,114

**sold in
4
packs**

CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices, and like the bottom expanders, allow for the perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2011003104	White	32" (813 mm)	80" (2.03 m)	4
2011003204	White	36" (914 mm)	80" (2.03 m)	4
2011004104	Gray	32" (813 mm)	80" (2.03 m)	4
2011004204	Gray	36" (914 mm)	80" (2.03 m)	4
2011005104	Bronze	32" (813 mm)	80" (2.03 m)	4
2011005204	Bronze	36" (914 mm)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Steel Screen Doors can be combined for quantity pricing.



CRL Pioneer KBS Hinged Steel Screen Doors **new**

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included



U.S. Patent No. 5,628,114

**sold in
4
packs**

CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices, and like the bottom expanders, allow for the perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2012060104	White	32" (813 mm)	80" (2.03 m)	4
2012060204	White	36" (914 mm)	80" (2.03 m)	4
2012042104	Gray	32" (813 mm)	80" (2.03 m)	4
2012042204	Gray	36" (914 mm)	80" (2.03 m)	4
2012050104	Bronze	32" (813 mm)	80" (2.03 m)	4
2012050204	Bronze	36" (914 mm)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Steel Screen Doors can be combined for quantity pricing.



CRL HINGED STEEL SCREEN DOORS

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CRL Steelbreeze Hinged Steel Screen Doors **new**

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included
- Custom Sizes Available on Request



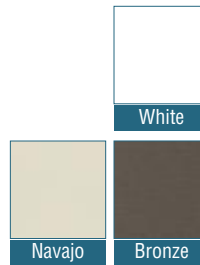
U.S. Patent No. 5,628,114

sold in
4
packs

CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2013109104	White	32" (813 m)	80" (2.03 m)	4
2013109204	White	36" (914 m)	80" (2.03 m)	4
2013105104	Navajo	32" (813 m)	80" (2.03 m)	4
2013105204	Navajo	36" (914 m)	80" (2.03 m)	4
2013108104	Bronze	32" (813 m)	80" (2.03 m)	4
2013108204	Bronze	36" (914 m)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Steel Screen Doors can be combined for quantity pricing.



CRL Steelbreeze Hinged French Steel Screen Doors

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included

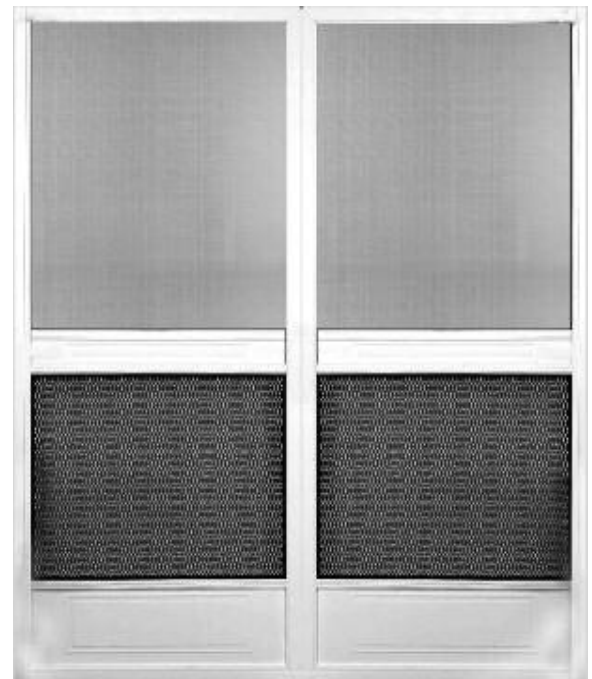


U.S. Patent No. 5,628,114

CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
20131092099	White	60" (1.52 m)	80" (2.03 m)	1 Pair
20131092199	White	64" (1.62 m)	80" (2.03 m)	1 Pair
20131092299	White	72" (1.83 m)	80" (2.03 m)	1 Pair
20131052099	Navajo	60" (1.52 m)	80" (2.03 m)	1 Pair
20131052199	Navajo	64" (1.62 m)	80" (2.03 m)	1 Pair
20131052299	Navajo	72" (1.83 m)	80" (2.03 m)	1 Pair
20131082099	Bronze	60" (1.52 m)	80" (2.03 m)	1 Pair
20131082199	Bronze	64" (1.62 m)	80" (2.03 m)	1 Pair
20131082299	Bronze	72" (1.83 m)	80" (2.03 m)	1 Pair

Minimum order: 1 pair. All CRL Steel Screen Doors can be combined for quantity pricing.



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CRL HINGED STEEL SCREEN DOORS

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CRL Oakhurst Hinged Steel Screen Doors

new

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included

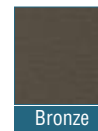


U.S. Patent No. 5,628,114

CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2013559104	Bronze	32" (813 mm)	80" (2.03 m)	4
2013559204	Bronze	36" (914 mm)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Steel Screen Doors can be combined for quantity pricing.



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4
packs**

CRL Regal Hinged Steel Screen Doors

new

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included

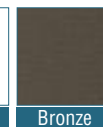


U.S. Patent No. 5,628,114

CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2016809204	White	36" (914 mm)	80" (2.03 m)	4
2016808204	Bronze	36" (914 mm)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Steel Screen Doors can be combined for quantity pricing.



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4
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CRL Colonial Hinged Steel Screen Doors

new



U.S. Patent No. 5,628,114

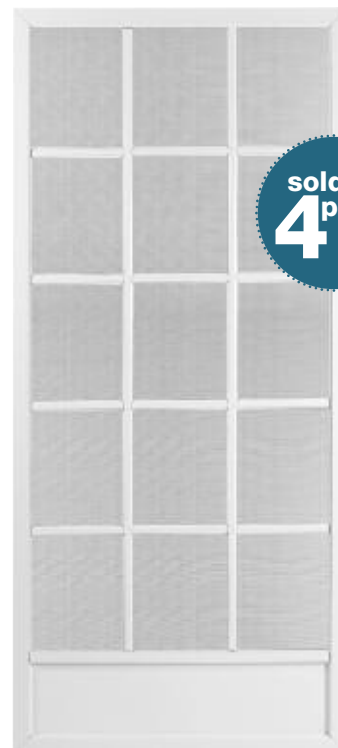
- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included

**sold in
4
packs**

CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2015730104	White	32" (813 mm)	80" (2.03 m)	4
2015730204	White	36" (914 mm)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Steel Screen Doors can be combined for quantity pricing.



CRL Colonial Hinged French Steel Screen Doors

new



U.S. Patent No. 5,628,114

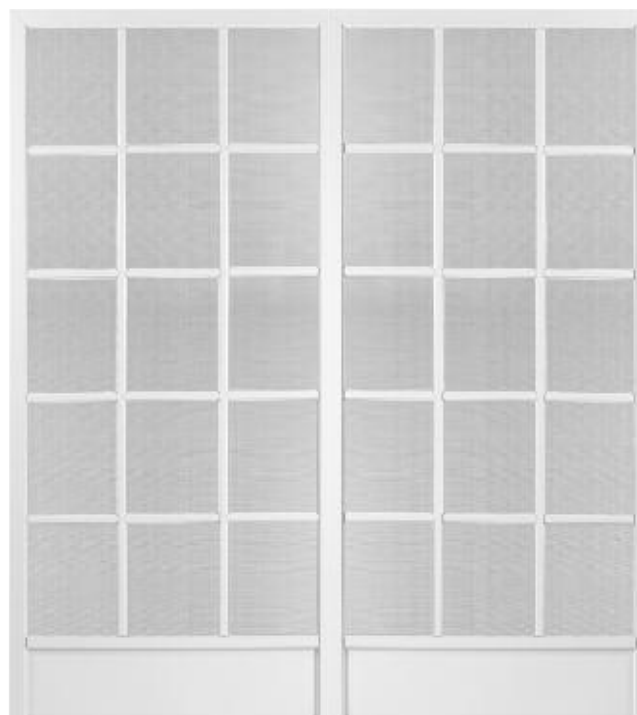
- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included

CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time.



CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
20157302099	White	60" (1.52 m)	80" (2.03 m)	1 Pair
20157302199	White	64" (1.62 m)	80" (2.03 m)	1 Pair
20157302299	White	72" (1.83 m)	80" (2.03 m)	1 Pair

Minimum order: 1 pair. All CRL Steel Screen Doors can be combined for quantity pricing.



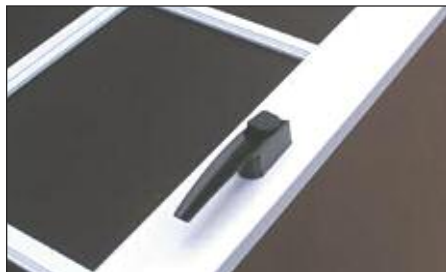
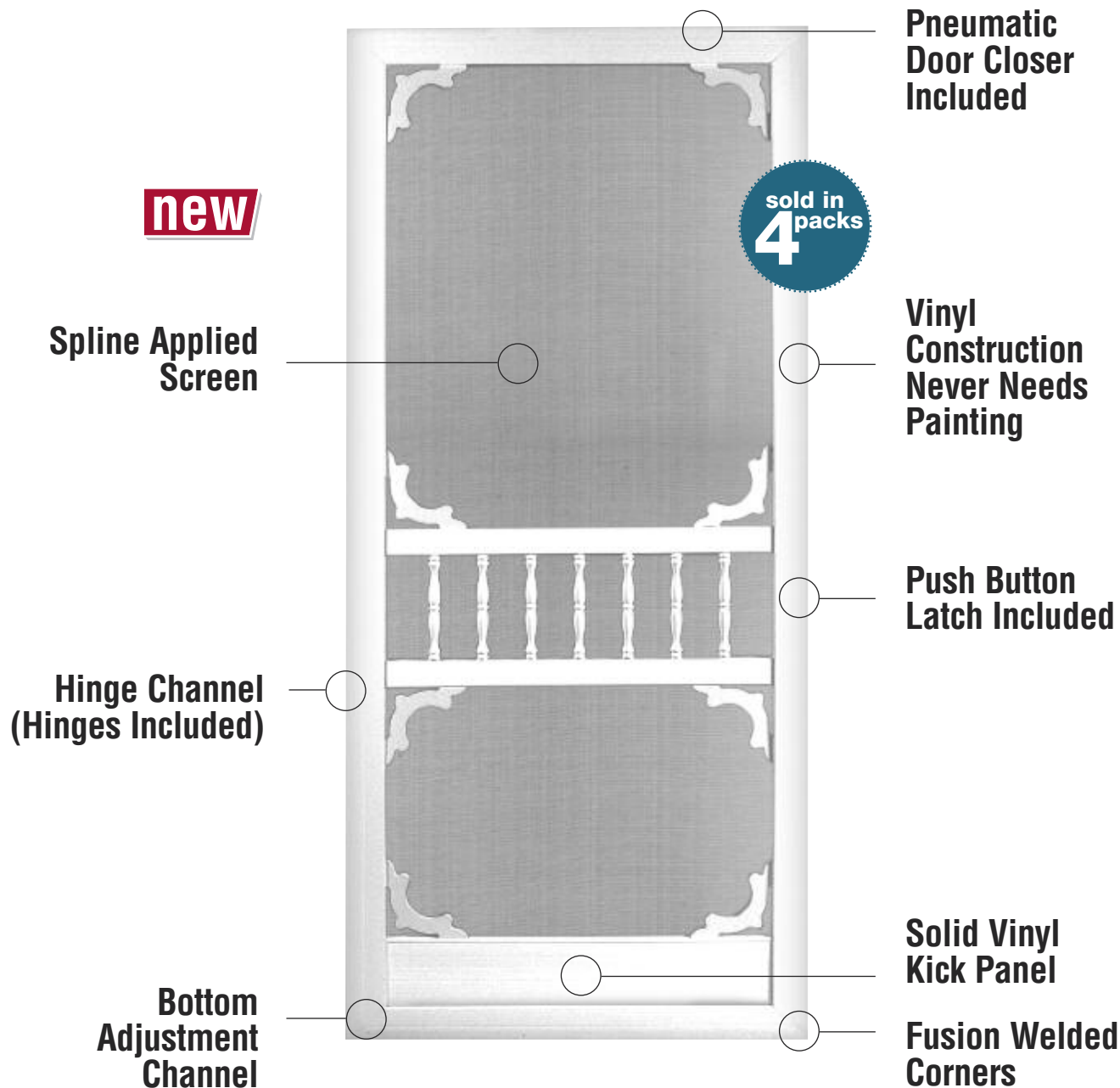
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CRL HINGED VINYL SCREEN DOORS

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All installation and mounting hardware is included with each vinyl screen door. Only basic tools are required for installation.



Vinyl screen doors incorporate a hinge bar, which eliminates the need of trimming to fit.



Our vinyl screen doors never need painting or finishing. Easy to maintain by just simply wiping off any dirt.

CRL HINGED VINYL SCREEN DOORS

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CRL Salem Hinged Vinyl Screen Doors

new

- Vinyl Frame has Interior Webbing for Maximum Support and Strength
- Strong Fusion Welded Corners
- No Cutting Required
- No Special Tools Needed for Installation
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included



sold in
4 packs



CRL Hinged Vinyl Screen Doors do not require cutting, never need painting, and will not peel, chip or splinter. Clean with soap and water for easy maintenance. They feature a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time. The door frame is 3" (76 mm) wide x 7/8" (22 mm) thick.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2616320104	White	32" (813 mm)	80" (2.03 m)	4
2616320204	White	36" (914 mm)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Vinyl Screen Doors can be combined for quantity pricing.



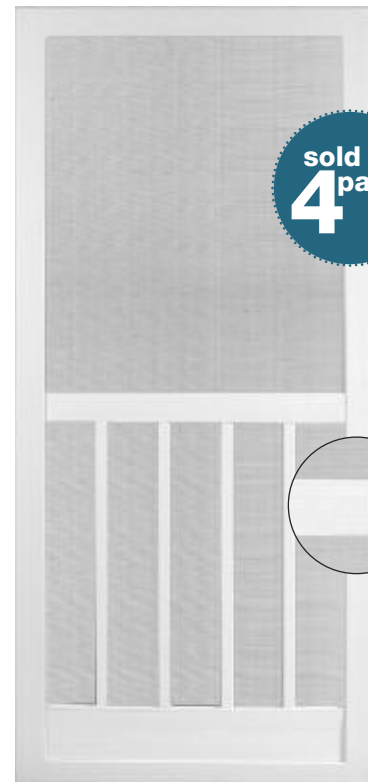
CRL Verona Hinged Vinyl Screen Doors

new

- Vinyl Frame has Interior Webbing for Maximum Support and Strength
- Strong Fusion Welded Corners
- Never Needs Painting
- Installation Hardware Included
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included
- Custom Sizes Available on Request



sold in
4 packs



CRL Hinged Vinyl Screen Doors do not require cutting, never need painting, and will not peel, chip or splinter. Clean with soap and water for easy maintenance. They feature a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time. The door frame is 2" (51 mm) wide x 7/8" (22 mm) thick.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2616120104	White	32" (813 mm)	80" (2.03 m)	4
2616120204	White	36" (914 mm)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Vinyl Screen Doors can be combined for quantity pricing.



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CRL HINGED VINYL SCREEN DOORS

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CRL Columbia Hinged Vinyl Screen Doors

new

- Vinyl Frame has Interior Webbing for Maximum Support and Strength
- Strong Fusion Welded Corners
- No Special Tools Required for Installation
- Reversible for Left and Right Handed Openings
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included



**sold in
4
packs**

CRL Hinged Vinyl Screen Doors do not require cutting, never need painting, and will not peel, chip or splinter. Clean with soap and water for easy maintenance. They feature a separate hinged-bar for easy handing choices. The bottom expanders allow for a perfect fit every time. The door frame is 3" (76 mm) wide x 7/8" (22 mm) thick.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2616740104	White	32" (813 mm)	80" (2.03 m)	4
2616740204	White	36" (914 mm)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Vinyl Screen Doors can be combined for quantity pricing.



CRL Sierra Hinged Vinyl Screen Doors

new

- Vinyl Frame has Interior Webbing for Maximum Support and Strength
- Strong Fusion Welded Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Reversible for Left and Right Handed Openings
- No Special Tools Needed for Installation
- Pneumatic Door Closer and Installation Hardware Included



**sold in
4
packs**

CRL Hinged Vinyl Screen Doors do not require cutting, never need painting, and will not peel, chip or splinter. Clean with soap and water for easy maintenance. They feature a separate hinged-bar for easy handing choices. The bottom expanders allow for a perfect fit every time. The door frame is 3" (76 mm) wide x 7/8" (22 mm) thick.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2616720104	White	32" (813 mm)	80" (2.03 m)	4
2616720204	White	36" (914 mm)	80" (2.03 m)	4

Minimum order: 4 each. All CRL Vinyl Screen Doors can be combined for quantity pricing.



CRL SCREEN DOOR ACCESSORIES

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CRL Steel and Vinyl Screen Door Parts Kit

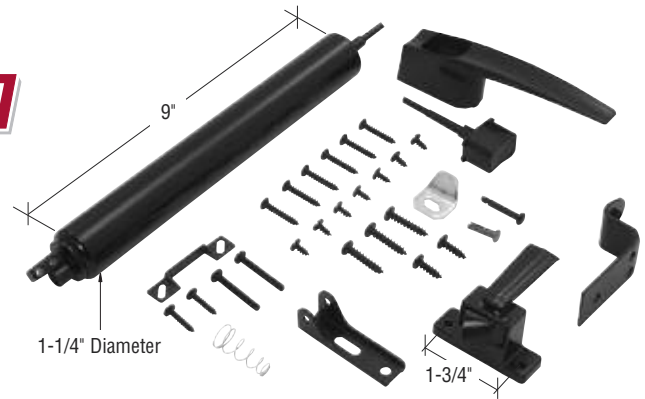
- Pneumatic Closer
- All Installation Hardware Included
- Push Button Handle Assembly

new

This CRL Screen Door Parts Kit is designed for our Steel and Vinyl Screen Doors. The kit includes: a push button handle, interior locking latch lever, a pneumatic closer, and all mounting fasteners. The components are all black powder coated for corrosion resistance and long-lasting use.

CAT. NO.	FINISH	PACK QTY.
50631260	Black	1

Minimum order: 1 each.



CRL Hinged Door Astragals

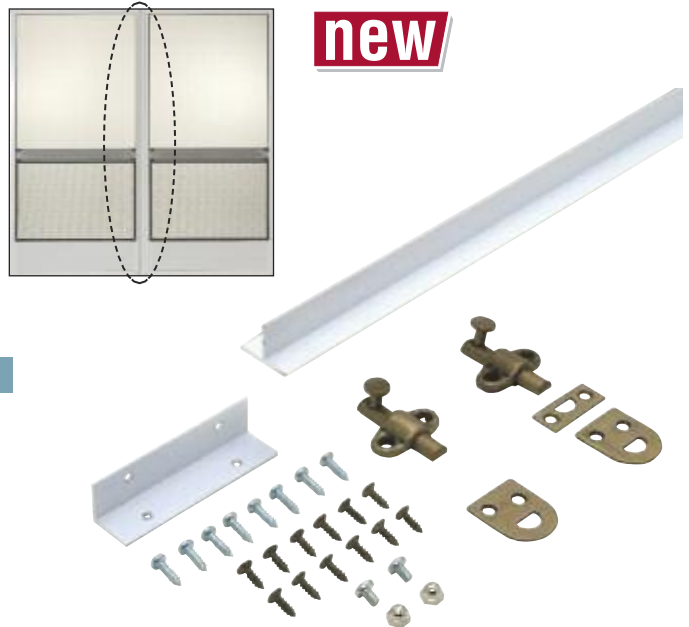
- Available in 80" and 96" Heights
- Turns Two Single Steel or Vinyl Doors into Double Doors
- Installation Hardware Included

new

With CRL Hinged Door Astragals, single screen doors are easily adapted for double-door entry applications. Each kit includes detailed installation instructions, all necessary hardware, and "T" Astragal.

CAT. NO.	FINISH	LENGTH	PACK QTY.
50968410	Gray	80" (2.03 m)	1
50969410	Gray	96" (2.44 m)	1
50968510	White	80" (2.03 m)	1
50969510	White	96" (2.44 m)	1
50968610	Black	80" (2.03 m)	1
50969610	Black	96" (2.44 m)	1
50968210	Bronze	80" (2.03 m)	1
50969210	Bronze	96" (2.44 m)	1
50968810	Navajo	80" (2.03 m)	1
50969810	Navajo	96" (2.44 m)	1

Minimum order: 1 each.



CRL One Way Screw Tool

- For Installing One Way Screws



CAT. NO.	PACK QTY.
50631250	1

Minimum order: 1 each.

CRL Security Door One Way Screws

- Designed for Security
- Use With Most Drills or Drivers
- Colors to Match Doors



	Black
	White
Navajo	
Silverado	Bronze

CAT. NO.	COLOR	LENGTH	PACK QTY.
50252100	Black	4" (102 mm)	8 Screws
50252050	Navajo	4" (102 mm)	8 Screws
50252090	White	4" (102 mm)	8 Screws
50252040	Silverado	4" (102 mm)	8 Screws
50252010	Bronze	4" (102 mm)	8 Screws

Minimum order: 1 pack.

CRL Security Door Bottom Sweeps

- Includes Installation Hardware
- Adds Additional Height
- Easy to Install
- Thick Rubber Sweep



	Black
	White
Navajo	
Silverado	Bronze

CAT. NO.	COLOR	WIDTH	PACK QTY.
50250020	Black	36" (914 mm)	1
50250050	Navajo	36" (914 mm)	1
50250090	White	36" (914 mm)	1
50250065	Silverado	36" (914 mm)	1
50250015	Bronze	36" (914 mm)	1

Minimum order: 1 each.



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2

Screen and Storm Hardware

- SCREEN WIRE
- SCREEN FRAME
- SCREEN COMPONENTS
- SCREEN TOOLS
- RETRACTABLE SCREENS
- REPLACEMENT SCREEN DOORS
- SCREEN DOOR ROLLERS AND GUIDES
- SCREEN DOOR LATCHES AND PULLS
- STORM DOOR HANDLES
- STORM DOOR CLOSERS

See other side for Section Index.

CRL
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CRL Screen Hardware and Supplies

- Screen Wire and Spline
- Screen Frame Extrusion
- Patio Screen Door Kits
- Screen Fabrication Tools
- Screen Installation Kits
- Replacement Hardware

C.R. Laurence has been a full service supplier of screen hardware and tools for over 50 years. Our wide selection and competitive pricing has kept us in the forefront of the industry. We offer a complete line of screen hardware, such as screen wire in a variety of types and colors, roll formed and extruded screen frame, bulk fabrication and installation components, all the way to complete screen systems. CRL's excellent line of screen repair hardware offers you a selection of common and hard to find parts your customers will always be looking for.

The following pages will provide the information you require to select the perfect screen products for your jobs. Our Door and Window Department can assist you with design plans and questions pertaining to your screen needs, and can be reached by phone at (800) 421-6144 in the U.S, (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. You can also e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Door and Window Products.



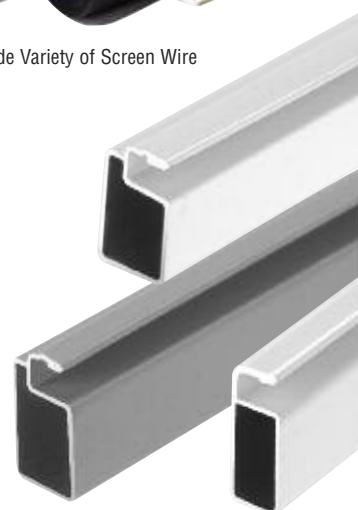
A Wide Variety of Screen Wire



Shop Tools for Fabrication



Screen Retainer Spline



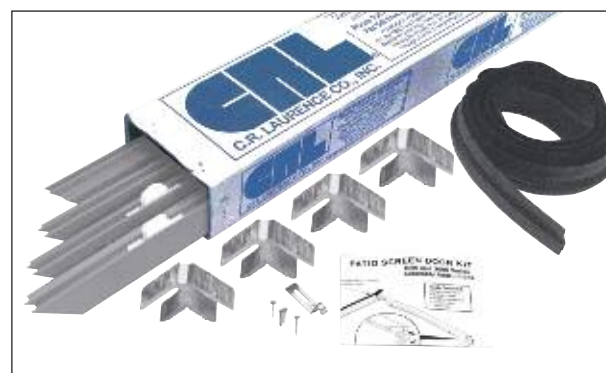
Roll Formed and
Extruded Screen Frame



Sliding Screen Door Kits



Retractable Screen Door Kits



K.D. Screen Door Kits



Fabricating Quality Screens is Simple... If You Know How

The fabrication of quality screen windows and doors is simple when you have the right tools and components. Over the years CRL has introduced hundreds of our accounts to the profitable business of fabricating and installing new and retrofit window screens and screen doors.

Once you discover the simplicity of fabricating screens you will agree that this is a part of the home repair business that you can be part of with little prior experience and only a moderate investment in supplies and tools.

And CRL can help you at every step, from planning your work stations, stocking your supplies, and tools for making sales presentations to prospective customers. We can help you make fabricating and installing screens part of your successful business.



Increased Energy Awareness Opens New Opportunities for Screening

The knowledgeable homeowner is aware now more than ever of the rising costs of cooling their home. What they may not know is how you can install quality screening in their home that will improve ventilation while at the same time reduce the need to run costly air conditioning.

Get the word out in your community that there's no need for your neighbors to go to big national chain stores for window screens and doors when your local glass business can provide them at competitive costs. CRL can help you with promotional ad flyers with a space for your imprint. Talk to your CRL Sales Professional about this great way to reach prospective local customers.

CRL's Screen Fabrication Assistance

• Screening Components

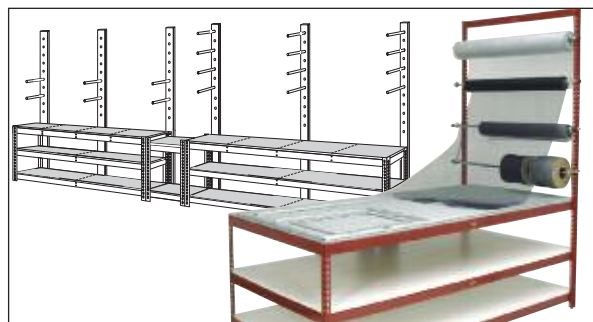
The fabrication of quality screens is dependent upon the right materials, and CRL offers only components that meet our strict standards. Be assured that the screening materials we stock in our network of distribution facilities have been thoroughly evaluated to stand up to harsh environmental conditions season after season. Your reputation, and ours, depends on providing your customers with only the best window and door screens, and that starts with the best materials.



• Screen Fabrication Area Design

To profitably fabricate screens in quantity you need the right tools and equipment. If you are planning to fabricate them in production-level quantities, working with the right tools and shop equipment will make the difference between a profitable screen and one that costs more than you anticipated.

Contact our Door and Window Department to discuss your plans and we will work with you to design a new production area or upgrade your existing one. Call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520.



• Screen Consultation Service

The best part of gearing up to fabricate screens is that you don't have to go it alone. CRL has decades of experience in the field of window and door screens and trained Technical Sales personnel to provide assistance in selecting the fabrication tools and supplies that will best suit your needs and fit your budget.

Contact them at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for the Door and Window Department at Ext. 7520. You can also send e-mail from the home page of crlaurence.com. Click on Contact Us, and then click on Technical Sales for Door and Window Products.



Selling the Benefits of New Screens to Your Customers

• Making a Persuasive Presentation

You know your window and door screens are good, but how do you convince your customers? One way is to show them the quality of the units you can provide, and the proven benefits of installing energy efficient screening in every window and on every door.

Build a few small screens using different types and colors of frame and wire for your showroom or in-home demonstrations. They're simple to fabricate, easy to carry, and will give your customers a way to make a "hands-on" evaluation of the quality screens you fabricate and install. We also have display units for your showroom. See page 190W.



Selecting the Screen Fabrication Method That's Right for You

• Fabricating Within Your Capabilities

Now that you've made the decision to fabricate window and door screens you must decide what type of screen jobs would be within your capabilities. If you want to take on those large jobs that require screens by the dozen fabricated in your shop you'll need the proper tools, a fabrication table, and adequate storage space for the frame, wire, and accessory components. Or you might decide that 'one-stop' service, where you measure, fabricate, and install screens on the job site is what works best for you. There's plenty of opportunity for you to profit in either area of screening.



Fabrication and Installation Supplies and Equipment

• Investing to Assure Profitability

Just because you can make quality window and door screens doesn't mean you're assured a profitable outcome. Assuring profitability often means investing in tools and equipment that will speed up the process, or make it less labor intensive. We offer a full range of these items, from simple hand tools to large fabrication tables. All have been CRL tested for reliability and efficiency. See pages 162W to 171W.



Fabricating Screens for Long Term Performance and Reliability

• Assuring Your Customer's Screens Will Perform for Years

Following precise directions and using good materials is the best way to assure that the screens you fabricate will be of lasting value to your customers. Our full offering of screen wire, frame, corners, retainer spline, component hardware and more can take you from start to finish, and make it easy for you to include the sale and installation of window and door screens a valued portion of your successful business. See pages 136W to 161W and 172W to 199W.



CRL Fiberglass Screen Wire

- Lightweight, Tough, and Durable Screen Wire
- Industry Standard 18 x 16 Mesh, .011" (.28 mm) Diameter
- Rust and Corrosion Proof
- Won't Dent or Bend Out of Shape
- Stocked in Popular Gray and Charcoal Colors
- Available in 100 and 600 Linear Foot (30.5 and 183 m) Rolls
- All Types, Widths, and Colors Can Be Combined for Quantity Pricing

CRL Fiberglass Screen Wire is a premium quality wire that is lightweight, yet tough enough to hold up in a variety of conditions. It will not rust, corrode, shrink or bend out of shape. CRL Fiberglass Screen Wire will remain attractive for years, and is excellent for use in patio door, window, and porch screens.



CRL Fiberglass Screen Wire is known as the easy to install, easy to clean, and easy on the budget screen wire. It has a woven 18 x 16 mesh that is available in 100 linear foot (30.5 m) rolls in sizes from 18" to 72" (457 to 1829 mm) wide, and 600 linear foot (183 m) rolls in 24", 36", and 48" (609, 914, and 1219 mm) widths.

FIBERGLASS SCREEN WIRE – 18 X 16 MESH
ROLL LENGTH: 100 FEET (30.5 M)

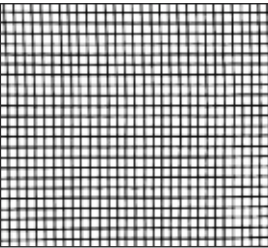
CHARCOAL COLOR CAT. NO.	GRAY COLOR CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
CF18	FG18	18" (457 mm)	150' (13.9 m)
CF20	FG20	20" (508 mm)	167' (15.5 m)
CF22	FG22	22" (559 mm)	183' (17.0 m)
CF24	FG24	24" (610 mm)	200' (18.6 m)
CF26	FG26	26" (660 mm)	217' (20.2 m)
CF28	FG28	28" (711 mm)	233' (21.6 m)
CF30	FG30	30" (762 mm)	250' (23.2 m)
CF32	FG32	32" (813 mm)	267' (24.8 m)
CF34	FG34	34" (864 mm)	283' (26.3 m)
CF36	FG36	36" (914 mm)	300' (27.9 m)
CF38	FG38	38" (965 mm)	317' (29.5 m)
CF40	FG40	40" (1016 mm)	333' (30.9 m)
CF42	FG42	42" (1067 mm)	350' (32.5 m)
CF48	FG48	48" (1219 mm)	400' (37.2 m)
CF54	FG54	54" (1372 mm)	450' (41.8 m)
CF60	FG60	60" (1524 mm)	500' (46.5 m)
CF72	FG72	72" (1829 mm)	600' (55.7 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.



All CRL Screen Wire is individually packaged for protection during shipping and storage.

Screen Wire Mesh Sizes



Screen Wire Mesh Sizes are measured in the number of strands per square inch, both vertically and horizontally.

For example, an 18 x 16 mesh wire has 18 strands vertically and 16 strands horizontally per square inch of material.

CRL Bulk Fiberglass Screen Wire in 600 Foot (183 m) Rolls

- Same High Quality 18 x 16 Mesh in a Larger, More Economical Size Roll
- .011" (.28 mm) Thread Diameter
- Gray and Charcoal Color
- All Widths and Colors Can Be Combined With 100' (30.5 m) Rolls for Quantity Pricing

new

Charcoal

Gray



CRL Bulk Fiberglass Screen Wire can save you money when you buy 600' (183 m) rolls in the industry's most popular widths. It pays to check your seasonal usage for these widths to determine if bulk rolls fit your needs. There's freight savings with bulk rolls too because they all can ship via UPS. Choose from either charcoal or gray colors.

BULK FIBERGLASS SCREEN WIRE – 18 X 16 MESH ROLL LENGTH: 600 FEET (183 M)

CHARCOAL COLOR CAT. NO.	GRAY COLOR CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
CF24600	FG24600	24" (610 mm)	1200' (111.6 m)
CF30600	FG30600	30" (762 mm)	1500' (167.4 m)
CF36600	FG36600	36" (914 mm)	1800' (223.2 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.

CHARCOAL COLOR CAT. NO.	GRAY COLOR CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
CF42600	FG42600	42" (1067 mm)	2100' (195.1 m)
CF48600	FG48600	48" (1219 mm)	2400' (223.2 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.

CRL Screen Wire Large User Program

- O.E.M. Fabricators Can Qualify for Big Savings
- Call or E-mail for a Quotation

If you use a large amount of any type of Screen Wire, our special bulk quantity large user prices can really cut your costs. All widths and lengths can be quoted, including those we don't normally stock. If you need them, CRL can supply them quickly at prices you'll find hard to beat. Contact CRL Customer Service for details on our Screen Wire Large User Program.



CRL Aluminum Screen Wire

- Industry Standard 18 x 16 Mesh, .011 (.28 mm) Diameter
- The Standard for Service Life and Dependability
- All Types, Widths, and Colors Can Be Combined for Quantity Pricing

CRL Aluminum Screen Wire is rust and corrosion resistant. It is an easy to install, consistent weave, high quality screening suitable for most door and window applications. The strong aluminum material is rigid enough to hold its shape during fabrication and the seasonal installation and removal cycles common to many parts of the country. Boxed in 100' (30.5 m) rolls, and available in three beautiful finishes; bright, black, and charcoal to complement mill, gray, bronze, white, and beige screen frame.



ALUMINUM SCREEN WIRE – 18 X 16 MESH ROLL LENGTH: 100 FEET (30.5 M)

BRIGHT ALUMINUM CAT. NO.	BLACK COLOR CAT. NO.	CHARCOAL COLOR CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
AS18	BA18	CA18	18" (457 mm)	150' (13.9 m)
AS20	BA20	CA20	20" (508 mm)	167' (15.5 m)
AS22	BA22	CA22	22" (559 mm)	183' (17.0 m)
AS24	BA24	CA24	24" (610 mm)	200' (18.6 m)
AS26	BA26	CA26	26" (660 mm)	217' (20.2 m)
AS28	BA28	CA28	28" (711 mm)	233' (21.6 m)
AS30	BA30	CA30	30" (762 mm)	250' (23.2 m)
AS32	BA32	CA32	32" (813 mm)	267' (24.8 m)
AS34	BA34	CA34	34" (864 mm)	283' (26.3 m)
AS36	BA36	CA36	36" (914 mm)	300' (27.9 m)
AS38	BA38	CA38	38" (965 mm)	317' (29.5 m)
AS40	BA40	CA40	40" (1016 mm)	333' (30.9 m)
AS42	BA42	CA42	42" (1067 mm)	350' (32.5 m)
AS48	BA48	CA48	48" (1219 mm)	400' (37.2 m)
AS54	BA54	CA54	54" (1372 mm)	450' (41.8 m)
AS60	BA60	CA60	60" (1524 mm)	500' (46.5 m)
AS72	BA72	CA72	72" (1829 mm)	600' (55.7 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.

- Stocked in Popular Bright, Black, and Charcoal Colors in 17 Widths



All CRL Screen Wire is Individually Boxed for Protection During Shipping and Storage

CRL 20 x 20 Invisible Clear Advantage Fiberglass Insect Screen Mesh

new

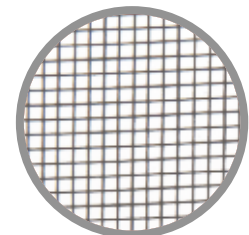
- .008" Thread Diameter Mesh
- Allows 50% More Light to Pass Through
- Dramatically Improves Air Flow
- Available in Four Widths

CRL's 20 x 20 fine mesh Clear Advantage Fiberglass Screen offers the maximum in insect protection, while the thin .008" diameter thread offers both increased visibility and air flow. Another benefit of the thinner thread is that the screen is nearly undetectable when viewed from the outside. CRL Clear Advantage offers all of these benefits, and yet there is no loss of strength. The bursting strength has been tested and surpasses the more common 18 x 16 mesh fiberglass screen.

CLEAR ADVANTAGE FIBERGLASS INSECT SCREEN MESH

CAT. NO.	COLOR	WIDTH	ROLL LENGTH
ADV24	Charcoal	24" (610 mm)	100' (30.5 m)
ADV30	Charcoal	30" (762 mm)	100' (30.5 m)
ADV36	Charcoal	36" (914 mm)	100' (30.5 m)
ADV48	Charcoal	48" (1219 mm)	100' (30.5 m)

Minimum order: 1 roll. All Screen Rolls can be combined for quantity pricing.



NOT TO SCALE

CRL Heavy-Duty Fiberglass Screen Wire

- **Standard 18 x 14 Mesh in a Sturdy .013" (.33 mm) Diameter Thread**
- **A Tough and Durable Screen Wire Ideal for Large Screen Enclosure Installations**
- **Popular Charcoal Color**
- **Rust and Corrosion Proof**
- **Won't Dent or Bend Out of Shape**
- **All Types, Widths, and Colors Can Be Combined for Quantity Pricing**



Charcoal

CRL Heavy-Duty Fiberglass Screen Wire is a premium quality wire made from a sturdy .013" (.33 mm) diameter thread for additional strength. CRL Heavy-Duty Fiberglass Screen Wire is ideal for screened-in patios, pool enclosures, screen rooms, large windows,

and anywhere else extra wide screen material is required. A good choice for institutional use. CRL Heavy-Duty Screen Wire will not rust, corrode, shrink or bend out of shape, and will remain attractive for years.

HEAVY-DUTY FIBERGLASS SCREEN WIRE – 18 X 14 MESH ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
ECW36	Charcoal	36" (914 mm)	300' (27.9 m)
ECW48	Charcoal	48" (1219 mm)	400' (37.2 m)
ECW60	Charcoal	60" (1524 mm)	500' (46.5 m)
ECW72	Charcoal	72" (1829 mm)	600' (55.7 m)
ECW84	Charcoal	84" (2134 mm)	700' (65.0 m)
ECW96	Charcoal	96" (2438 mm)	800' (74.3 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.

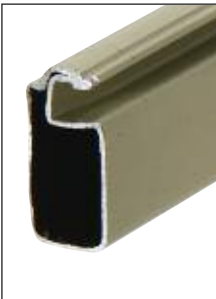
All CRL Screen Wire is Individually Boxed for
Protection During Shipping and Storage



Screen Frame



1/4" Roll Formed
Page 145W



5/16" Roll Formed
Page 145W



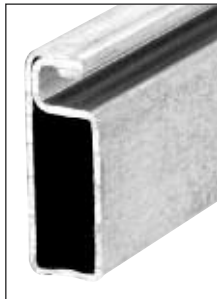
3/8" Roll Formed
Page 146W



7/16" Roll Formed
Page 146W



1" Roll Formed
Page 147W



1-1/4" Roll Formed
Page 147W

CRL Super-Duty Polyester Screen Wire

- A Great Upgrade Option to Offer Your Customers
- Pet Resistant and Very Durable
- Three Times Stronger Than Fiberglass
- 17 x 13 Mesh, .018" (.48 mm) Thread Diameter

CRL Super-Duty Polyester Screen Wire is woven vinyl coated screen wire that gives your customer a new upgrade choice for insect screening. CRL Super-Duty Polyester Screen Wire has greater tear strength, durability, and will last much longer than typical fiberglass screen wire. Using CRL Super-Duty Polyester Screen Wire saves your customer the costs and headaches of having to rescreen their windows every few years.

SUPER-DUTY POLYESTER SCREEN WIRE – 17 X 13 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
PSW36BL	Black	36" (914 mm)	300' (27.9 m)
PSW48BL	Black	48" (1219 mm)	400' (37.2 m)
PSW60BL	Black	60" (1524 mm)	500' (46.5 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.



All CRL Screen Wire is Individually Boxed for Protection During Shipping and Storage

CRL Micro-Weave Insect Screen Wire

- Vinyl Coated for Long Life
- Popular for Screen Enclosures
- 20 x 20 Mesh Keeps Out the Smallest Insects

CRL Micro-Weave Insect Screen Wire is very popular anywhere you find small insects and gnats, commonly referred to as "No-See-Ums". Although the weave is denser than most screen wire, it still allows for adequate ventilation and light penetration. This wire is made from a heavy .013" (.33 mm) diameter vinyl coated fiberglass thread that is used extensively on screen enclosures and patios.

MICRO-WEAVE INSECT SCREEN WIRE – 20 X 20 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
MWC36	Charcoal	36" (914 mm)	300' (27.9 m)
MWC48	Charcoal	48" (1219 mm)	400' (37.2 m)
MWC60	Charcoal	60" (1524 mm)	500' (46.5 m)
MWC96	Charcoal	96" (2438 mm)	800' (74.3 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.



All CRL Screen Wire is Individually Boxed for Protection During Shipping and Storage

Screen Frame



3/4" Andersen
Page 148W

1/2" Standoff
Page 149W

3/4" Standoff
Page 149W

1/2" Lip Frame
Page 150W

5/16" Reverse Lip Frame
Page 150W

5/16" Lip Frame
Page 150W

CRL Pet Resistant Screen Wire

- New Affordable 50 Foot Rolls in Charcoal Color
- Ultra-Strong 14 x 10 Mesh, Vinyl-Coated Polyester Screen Wire
- Charcoal and Gray Color

CRL Pet Screen is an ultra-strong, pet resistant screening made from vinyl-coated polyester to resist damage by cats and dogs. The perfect solution for screens being damaged by household pets. CRL Pet Screen is 20 percent stronger than typical fiberglass screen materials. With a 14 x 10 mesh CRL Pet Screen allows excellent outward visibility, and is easy to install.



new



Charcoal

All CRL Screen Wire is Individually Boxed for Protection During Shipping and Storage

ULTRA-STRONG POLYESTER SCREEN WIRE – 14 X 10 MESH ROLL LENGTH: 100 FEET (30.5 M)

CHARCOAL CAT. NO.	GRAY CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
PWS36	PWS36GRY	36" (914 mm)	300' (27.9 m)
PWS48	PWS48GRY	48" (1219 mm)	400' (37.2 m)
PWS60	---	60" (1524 mm)	500' (46.5 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.

ROLL LENGTH: 50 FEET (15.2 M)

CHARCOAL CAT. NO.	GRAY CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
PWS3650	---	36" (914 mm)	150' (13.9 m)
PWS4850	---	48" (1219 mm)	200' (18.6 m)
PWS6050	---	60" (1524 mm)	250' (23.2 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.

CRL Galvanized Steel Screen Wire

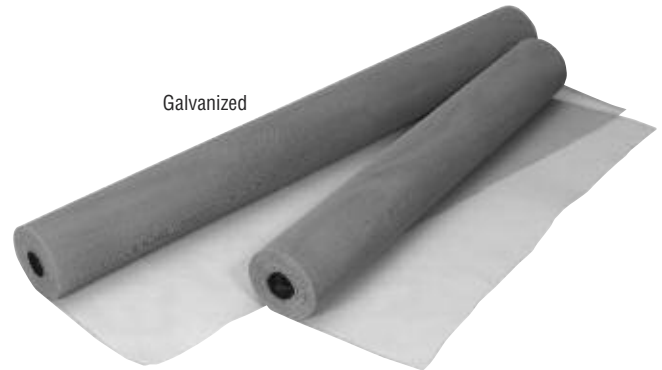
- Extra Strength Steel Wire is Stronger Than Aluminum in Every Application
- 18 x 14 Mesh, .009 (.23 mm) Diameter
- Popular 36" and 48" (914 and 1219 mm) Widths

Use our Galvanized Steel Screen Wire when you require extra strength material with good durability. This is a tough .009 gauge, 18 x 14 mesh electro-galvanized material that is stronger than aluminum or fiberglass screen wire in every application. Rolls of 100 linear feet are individually packaged, and can be shipped via UPS.

GALVANIZED STEEL SCREEN WIRE – 18 X 14 MESH ROLL LENGTH: 100 FEET (30.5 M)

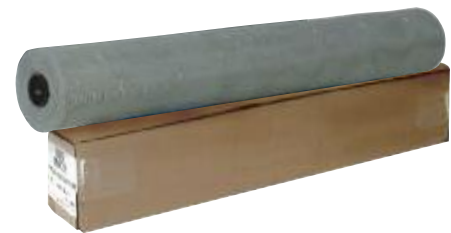
CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
GW36	Galvanized	36" (914 mm)	300' (27.9 m)
GW48	Galvanized	48" (1219 mm)	400' (37.2 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.



Galvanized

All CRL Screen Wire is Individually Boxed for Protection During Shipping and Storage



Screen and Spline Roller Tools



Pages 162W to 165W



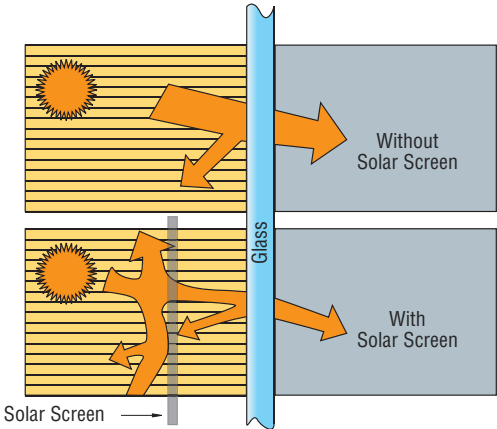
CRL Solar Guard Screen Wire

- Blocks Up to 70% of the Sun's Heat
- Reduces Cooling Costs
- Reduces Fading of Carpeting, Drapes, and Furniture
- Attractive 54 x 18 Mesh
- Made From Durable Vinyl Coated Fiberglass
- Stocked in Popular Charcoal, Bronze, and Gray Colors
- All Types, Widths, and Colors Can Be Combined for Quantity Pricing



CRL Solar Guard Screen Wire cuts energy costs by reducing direct sunlight heat gain. This unique weave is made of vinyl-coated fiberglass that screens out insects while allowing natural airflow.

You can install it in any screen frame, but the most efficient use is with CRL's Cat. No. WSFS34 Standoff Type (see page 149W), which holds the wire away from the glass, allowing the heat to dissipate.



Solar Guard Absorbs and Dissipates as Much as 70% of the Transmitted Heat



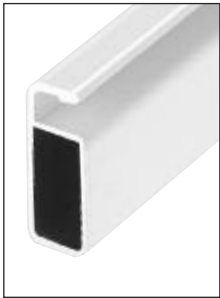
All CRL Screen Wire is Individually Boxed for Protection During Shipping and Storage

SOLAR GUARD SCREEN WIRE – 54 X 18 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
BSG24CH	Charcoal	24" (610 mm)	200' (18.6 m)
BSG24BRZ	Bronze	24" (610 mm)	200' (18.6 m)
BSG36CH	Charcoal	36" (914 mm)	300' (27.9 m)
BSG36BRZ	Bronze	36" (914 mm)	300' (27.9 m)
BSG36GRY	Gray	36" (914 mm)	300' (27.9 m)
BSG48CH	Charcoal	48" (1219 mm)	400' (37.2 m)
BSG48BRZ	Bronze	48" (1219 mm)	400' (37.2 m)
BSG48GRY	Gray	48" (1219 mm)	400' (37.2 m)
BSG60CH	Charcoal	60" (1524 mm)	500' (46.5 m)
BSG60BRZ	Bronze	60" (1524 mm)	500' (46.5 m)
BSG60GRY	Gray	60" (1524 mm)	500' (46.5 m)

Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.

Screen Frame



1/4" Extruded
Page 151W



5/16" Extruded
Page 151W



3/8" Extruded
Page 152W



7/16" Extruded
Page 152W



1" Extruded
Page 152W

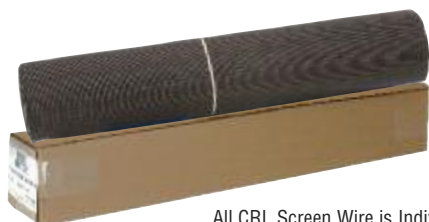


Spreader Bar
Page 172W

CRL Even-Weave Solar Screen Wire

- Made from Durable, Strong Vinyl-Coated Polyester
- Uniform and Attractive 17 x 14 Mesh
- Blocks Up to 80% of the Sun's Heat
- Reduces Cooling Costs
- Reduces Fading of Carpeting, Drapes and Furniture
- Stocked in Popular Black, Brown, and Stucco Colors
- All Types, Widths, and Colors Can Be Combined for Quantity Pricing

CRL Even-Weave Solar Screen Wire is the latest generation of exterior shading products. CRL Even-Weave Solar Screen Wire cuts energy costs by reducing direct sunlight heat gain. The main difference between CRL Even-Weave and Solar Guard Screen is that CRL Even-Weave's 17 x 14 weave is uniform, similar to a 18 x 16 mesh, while Solar Guard Wire has a staggered weave. CRL Even-Weave is also pet resistant. This strong vinyl-coated polyester wire is UV protected, mildew and fade resistant, and is easily washed with soap and water.



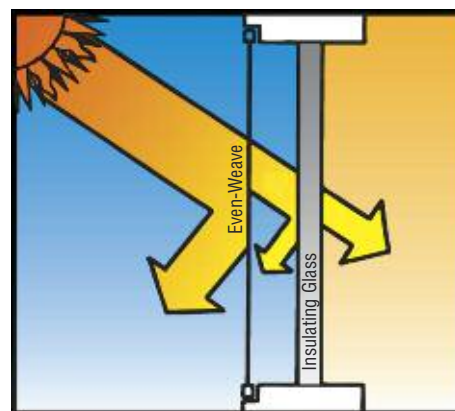
All CRL Screen Wire is Individually Boxed for Protection During Shipping and Storage



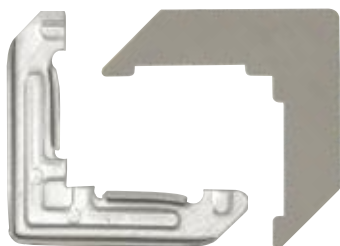
EVEN-WEAVE SOLAR SCREEN WIRE – 17 X 14 MESH ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
SSW36BL	Black	36" (914 mm)	300' (27.9 m)
SSW36BRW	Brown	36" (914 mm)	300' (27.9 m)
SSW36STU	Stucco	36" (914 mm)	300' (27.9 m)
SSW48BL	Black	48" (1219 mm)	400' (37.2 m)
SSW48BRW	Brown	48" (1219 mm)	400' (37.2 m)
SSW48STU	Stucco	48" (1219 mm)	400' (37.2 m)
SSW60BL	Black	60" (1524 mm)	500' (46.5 m)
SSW60BRW	Brown	60" (1524 mm)	500' (46.5 m)
SSW60STU	Stucco	60" (1524 mm)	500' (46.5 m)

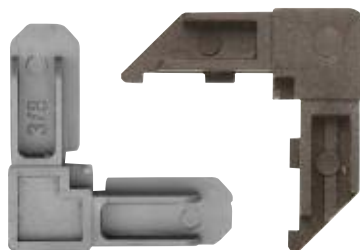
Minimum order: 1 roll. All Screen Wire can be combined for quantity pricing.



Fabrication Supplies



Mitered Corners
See pages 153W-155W



Square Cut Corners
See pages 156W-157W



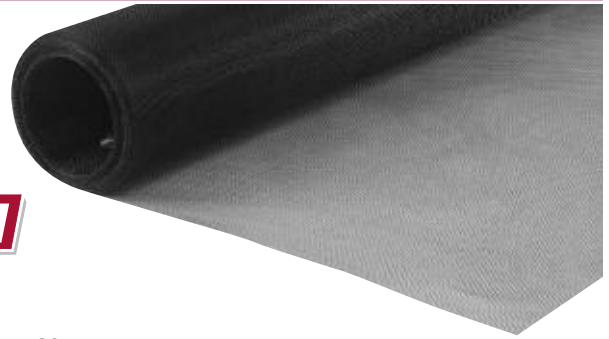
Retainer Spline
See pages 160W-161W

CRL Stainless Steel Screen Wire

- 304L Alloy 18 x 18 Stainless Steel Mesh
- Superior Insect Protection
- Black Powder Coated Finish

CRL Stainless Steel Screen Wire is made from a .0075" diameter 304L alloy stainless steel thread. The 18 x 18 mesh is much stronger than conventional screen cloth and offers superior insect protection. This mesh has a black powder coated finish to cut down on glare and provide added corrosion protection. Another added bonus to using stainless steel is that it can be used in direct contact with treated wood. 50 foot rolls are available in two standard widths.

new



STAINLESS STEEL SCREEN WIRE

CAT. NO.	COLOR	WIDTH	LENGTH
SSM36BL	Black	36" (914 mm)	50' (15.2 m)
SSM48BL	Black	48" (1219 mm)	50' (15.2 m)

Minimum order: 1 roll. All Screen Rolls can be combined for quantity pricing.

CRL Bronze Screen Wire

new

- Made from 90% Copper and 10% Zinc
- 18 x 14 Mesh .011" (.28 mm) Thread Diameter
- Oxidizes to a Rich Bronze Color
- Excellent Strength and Durability for Coastal and Desert Regions

CRL Bronze Screen Wire has an 18 x 14 mesh and rolls into the screen frame just like aluminum screen. Although it has a shiny brass color when new, once exposed to weather it will slowly turn into a rich bronze color. Made to last for years, even in the harshest environments. Affordable and easy to handle 50 foot rolls are available in five widths.



BRONZE SCREEN WIRE

CAT. NO.	COLOR	WIDTH	LENGTH
BRZW24	Bronze	24" (610 mm)	50' (15.2 m)
BRZW30	Bronze	30" (762 mm)	50' (15.2 m)
BRZW36	Bronze	36" (914 mm)	50' (15.2 m)
BRZW48	Bronze	48" (1219 mm)	50' (15.2 m)
BRZW60	Bronze	60" (1524 mm)	50' (15.2 m)

Minimum order: 1 roll. All Screen Rolls can be combined for quantity pricing.

CRL Super Clear Vinyl Film

- Indoor Window Insulator Film
- Available in Two Thicknesses
- Convenient 50' (15 m) Rolls

Many homeowners who have insect screen panels made for their porch also have a matching set of clear vinyl film panels which they can change out from season to season. CRL Super Clear Vinyl Film rolls into screen frame just like insect screen. The solid clear vinyl prevents wind, moisture, and dust from entering, while still offering a clear view outside. Made from double polished clear vinyl, this film will last for years. Super Clear Vinyl Film can be used in conjunction with our Cat. No. WSF17W Extruded Aluminum Screen Frame, which comes in Mill, Gray, Bronze, White, and Beige colors. See page 147W for more details.



new

SUPER CLEAR VINYL FILM ROLL LENGTH: 50 FEET (15 M)

CAT. NO.	THICKNESS	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
VF1236	.012"	36" (914 mm)	150' (13.9 m)
VF1248	.012"	48" (1219 mm)	200' (18.6 m)
VF1254	.012"	54" (1372 mm)	225' (20.9 m)
VF1636	.016"	36" (914 mm)	150' (13.9 m)
VF1648	.016"	48" (1219 mm)	200' (18.6 m)
VF1654	.016"	54" (1372 mm)	225' (20.9 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL 3/4" x 1/4" Roll Formed Aluminum Screen Frame

- Typical Applications Include Sliding Windows and Storm Windows
- .019" (.48 mm) Wall Thickness
- Four Finishes to Choose From

This CRL 3/4" x 1/4" (19 x 6.3 mm) Screen Frame is made of .019 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed. It accepts CRL .140" Spline. Use either WSC104 Aluminum Corners for mitered frame corners or SWSC14 Series Square Cut Plastic Corners for a square cut frame application.

SPECIFICATIONS:

Material: Roll Formed Aluminum

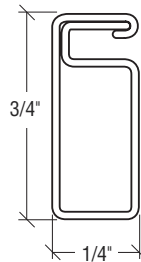
Wall Thickness: .019" (.48 mm)

Uses Spline Size: .140" (3.6 mm)

Uses Corners: WSC104 for Mitered Corners;
SWSC14 for Square Cut Corners

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF344M	Mill	12' 2" (3.7 m)	200
WSF344BRZ	Bronze	12' 2" (3.7 m)	200
WSF344W	White	12' 2" (3.7 m)	200
WSF344BGE	Beige	12' 2" (3.7 m)	200

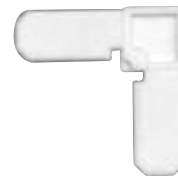
Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



Works With:



WSC104
Mitered Corners
See page 153W



SWSC14
Square Cut Corners
See page 156W



5C140 and 5CBL140
Retainer Spline
See page 160W

CRL 3/4" x 5/16" Roll Formed Aluminum Screen Frame

- For Sliding Windows and Storm Windows
- .020" (.51 mm) Wall Thickness
- Five Finishes to Choose From

This CRL 3/4" x 5/16" (19 x 7.9 mm) Screen Frame is made of .020 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed. It will accept CRL .150" Spline. You can use either WSC105 Aluminum Corners or WSPC105 Plastic Corners for mitered frame corners or SWSC516 Series Square Cut Plastic Corners for a square cut frame application.

SPECIFICATIONS:

Material: Roll Formed Aluminum

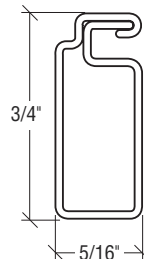
Wall Thickness: .020" (.51 mm)

Uses Spline Size: .150" (3.8 mm)

Uses Corners: WSC105 or WSPC105 for Mitered Corners;
SWSC516 for Square Cut Corners

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF345M	Mill	12' 2" (3.7 m)	144
WSF345GRY	Gray	12' 2" (3.7 m)	144
WSF345BRZ	Bronze	12' 2" (3.7 m)	144
WSF345W	White	12' 2" (3.7 m)	144
WSF345BGE	Beige	12' 2" (3.7 m)	144

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



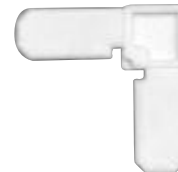
Works With:



WSC105
Mitered Corners
See page 153W



WSPC105
Plastic Mitered Corners
See page 155W



SWSC516
Square Cut Corners
See page 156W



**SS150B, SSBL150B,
5C150, and 5CBL150**
Retainer Spline
See page 160W

CRL 3/4" x 3/8" Roll Formed Aluminum Screen Frame

- .020" (.51 mm) Wall Thickness
- Available in Five Finishes

This CRL 3/4" x 3/8" (19 x 9.5 mm) Screen Frame is made of .020 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed. It will accept CRL .150" Spline. Use either WSC106 Aluminum Corners or WSPC106 Plastic Corners for mitered frame corners or SWSC38 Series Square Cut Plastic Corners for a square cut frame application.

SPECIFICATIONS:

Material: Roll Formed Aluminum

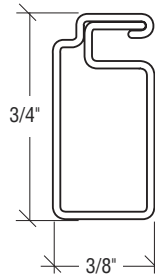
Wall Thickness: .020" (.51 mm)

Uses Spline Size: .150" (3.8 mm)

Uses Corners: WSC106 or WSPC106 for Mitered Corners; SWSC38 for Square Cut Corners

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF346M	Mill	12' 2" (3.7 m)	128
WSF346GRY	Gray	12' 2" (3.7 m)	128
WSF346BRZ	Bronze	12' 2" (3.7 m)	128
WSF346W	White	12' 2" (3.7 m)	128
WSF346BGE	Beige	12' 2" (3.7 m)	128

Minimum order: 1 stock length. All Screen Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



Works With:



WSC106
Mitered Corners
See page 153W



WSPC106
Plastic Mitered Corners
See page 155W



SWSC38
Square Cut Corners
See page 156W



SS150B, SSBL150B, 5C150, and 5CBL150
Retainer Spline
See page 160W

CRL 3/4" x 7/16" Roll Formed Aluminum Screen Frame

- Typical Applications Include Sliding Windows and Casement Windows
- .020" (.51 mm) Wall Thickness
- Five Finishes to Choose From

This CRL 3/4" x 7/16" (19 x 11.1 mm) Screen Frame is made of .020 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed. It will accept CRL .165" Spline. You can use either WSC107 Aluminum Corners or WSPC107 Plastic Corners for mitered frame corners or SWSC716 Series Square Cut Plastic Corners for a square cut frame application.

SPECIFICATIONS:

Material: Roll Formed Aluminum

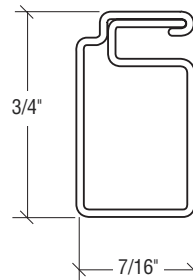
Wall Thickness: .020" (.51 mm)

Uses Spline Size: .165" (4.2 mm)

Uses Corners: WSC107 or WSPC107 for Mitered Corners; SWSC716 for Square Cut Corners

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF347M	Mill	12' 2" (3.7 m)	104
WSF347GRY	Gray	12' 2" (3.7 m)	104
WSF347BRZ	Bronze	12' 2" (3.7 m)	104
WSF347W	White	12' 2" (3.7 m)	104
WSF347BGE	Beige	12' 2" (3.7 m)	104

Minimum order: 1 stock length. All Screen Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



Works With:



WSC107
Mitered Corners
See page 153W



WSPC107
Plastic Mitered Corners
See page 155W



SWSC716
Square Cut Corners
See page 156W



SS165B, SSBL165B, 5C165, and 5CBL165
Retainer Spline
See page 160W

CRL 1" x 7/16" Roll Formed Aluminum Screen Frame

- Typical Applications Include Sliding, Storm, and Casement Windows
- .025" (.63 mm) Wall Thickness
- Five Finishes to Choose From

This CRL 1" x 7/16" (25.4 x 11.1 mm) Screen Frame is made of .025 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed. It will accept CRL .170" Spline and uses WSC108 Aluminum Corners for mitered frame corners.

SPECIFICATIONS:

Material: Roll Formed Aluminum

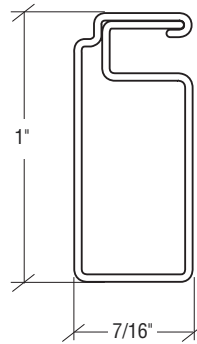
Wall Thickness: .025" (.63 mm)

Uses Spline Size: .170" (4.3 mm)

Uses Corners: WSC108 for Mitered Corners

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF17M	Mill	12' 2" (3.7 m)	84
WSF17GRY	Gray	12' 2" (3.7 m)	84
WSF17BRZ	Bronze	12' 2" (3.7 m)	84
WSF17W	White	12' 2" (3.7 m)	84
WSF17BGE	Beige	12' 2" (3.7 m)	84

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



Works With:



WSC108
Mitered Corners
See page 154W



**SS170B, SSBL170B,
5C170, and 5CBL170**
Retainer Spline
See page 160W

CRL 1-1/4" x 7/16" Roll Formed Aluminum Screen Frame

- Typical Applications Include Patio Screens, Porch Screens, and Commercial Windows
- .040" (1 mm) Wall Thickness
- Made for Oversized Screens

This CRL 1-1/4" x 7/16" (31.8 x 11.1 mm) Screen Frame is made of .040 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed. It will accept CRL .185" Spline, and uses WSC114 Aluminum Corners for mitered framed corners.

SPECIFICATIONS:

Material: Roll Formed Aluminum

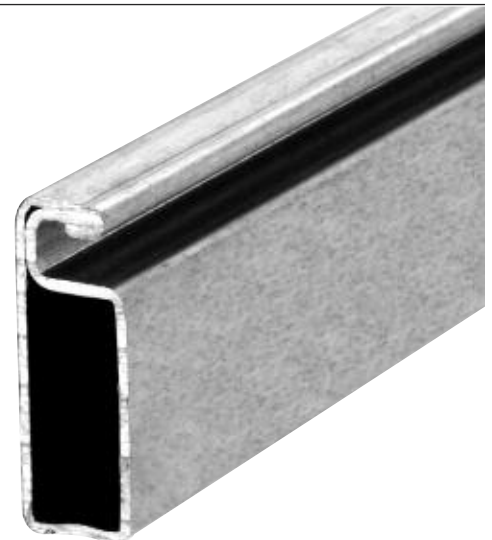
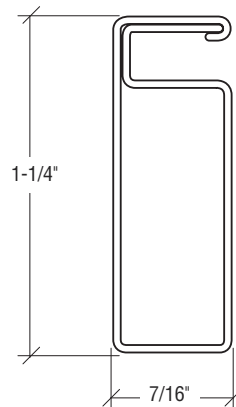
Wall Thickness: .040" (1 mm)

Uses Spline Size: .185" (4.7 mm)

Uses Corners: WSC114 for Mitered Corners

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF1257M	Mill	12' 2" (3.7 m)	65
WSF1257BRZ	Bronze	12' 2" (3.7 m)	65

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



Works With:



WSC114
Mitered Corners
See page 154W



**SS185B, SSBL185B,
5C185, and 5CBL185**
Retainer Spline
See page 160W

CRL Andersen 3/4" x 7/16" Roll Formed Aluminum Screen Frame

- Replacement Screen Frame to Match Andersen Windows
- Sandstone, Terratone, and White Finishes
- Matching Color Corners Available
- .020" (.51 mm) Wall Thickness

Our 3/4" x 7/16" (19 x 11.1 mm) Screen Frame is now available in matching Andersen Sandstone, Terratone, and White colors. Matching color plastic miter cut Screen Frame Corners are also available. Frame uses our common .175" to .185" Spline.

SPECIFICATIONS:

Material: Roll Formed Aluminum

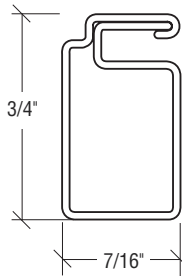
Wall Thickness: .020" (.51 mm)

Uses Spline Size: .175" (4.4 mm) to .185" (4.7 mm)

Uses Corners: See Below

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFA1SAN	Sandstone	12' 2" (3.7 m)	40
WSFA1TER	Terratone	12' 2" (3.7 m)	40
WSFA1W	White	12' 2" (3.7 m)	40

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



Works With:



PL16263/4/5
Mitered Corners
See Below



SS175B, SSBL175B, 5C175, and 5CBL175
Retainer Spline
See page 160W

CRL Andersen 3/4" x 7/16" Plastic Screen Frame Corners

CRL Andersen 3/4" x 7/16" (19 x 11.1 mm) Plastic Window Screen Frame Corners fit our Andersen replacement 3/4" (19 mm) screen frame above. Available in packs of 20 each.



- Only for **WSFA1** Screen Frame Shown Above

CAT. NO.	COLOR	QTY/PKG
PL16263	Sandstone	20
PL16264	Terratone	20
PL16265	White	20

Minimum order: 1 pack. Colors can be combined for quantity pricing.

CRL Andersen 3/4" x 7/16" Plastic Screen Frame Corners

CRL Andersen 3/4" x 7/16" (19 x 11.1 mm) Plastic Window Screen Frame Corners fit current style Andersen 3/4" (19 mm) screen frames. Available in packs of 20 each.



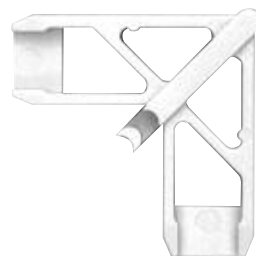
- Only for **Original Andersen** Screen Frame

CAT. NO.	COLOR	QTY/PKG
PL15756	Sandstone	20
PL15757	Terratone	20
PL15758	White	20

Minimum order: 1 pack. Colors can be combined for quantity pricing.

CRL Andersen 1" x 7/16" Plastic Screen Frame Corners

CRL Andersen 1" x 7/16" (25.4 x 11.1 mm) Plastic Window Screen Frame Corners fit old style Andersen 1" (25.4 mm) screen frame. Available in packs of 20 each.

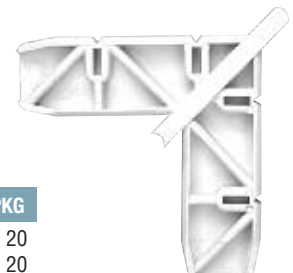


CAT. NO.	COLOR	QTY/PKG
PL15943	Bronze	20
PL15944	White	20
PL15945	Tan	20

Minimum order: 1 pack. Colors can be combined for quantity pricing.

CRL Andersen 1" x 15/32" Plastic Screen Frame Corners

CRL Andersen 1" x 15/32" (25.4 x 11.9 mm) Plastic Screen Door Frame Corners fit Andersen screen doors. Available in packs of 20 each.



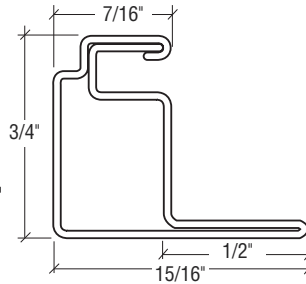
CAT. NO.	COLOR	QTY/PKG
PL16039	Bronze	20
PL16124	White	20

Minimum order: 1 pack. Colors can be combined for quantity pricing.

CRL 1/2" Roll Formed Aluminum Standoff Screen Frame

- Use Where You Need Extra Space Between Window and Screen
- Typical Applications Include Use With Project-In or Project-Out Windows With Wicket Screens
- .025" (.63 mm) Wall Thickness

3/4" x 7/16" (19 x 11.1 mm) box type Screen Frame with 1/2" (12.7 mm) standoff leg allows screen installation in windows where a screen wicket is used. Packed in cases of 90 stock lengths 12' 2" long (3.7 m). Frame is cambered (slightly bowed) to retain screen tension when installed.



SPECIFICATIONS:

Material: Roll Formed Aluminum

Wall Thickness: .025" (.63 mm)

Uses Spline Size: .185" (4.7 mm)

Uses Corners: WSC111 for Mitered Corners

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFS12GRY	Gray	12' 2" (3.7 m)	90
WSFS12BRZ	Bronze	12' 2" (3.7 m)	90
WSFS12W	White	12' 2" (3.7 m)	90

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC111
Mitered Corners
See page 154W

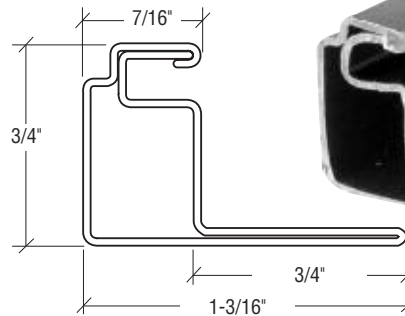


**SS185B, SSBL185B,
5C185, and 5CBL185**
Retainer Spline
See page 160W

CRL 3/4" Roll Formed Aluminum Standoff Screen Frame

- Typically Installed on Project-In or Project-Out Windows With Wicket Screens
- .025" (.63 mm) Wall Thickness
- Three Finishes to Choose From

3/4" x 7/16" (19 x 11.1 mm) box type Screen Frame with 3/4" (19 mm) standoff leg allows screen installation in windows where a screen wicket is used. **NOTE:** Due to the longer length of the standoff member, this Screen Frame is not cambered (slightly bowed).



SPECIFICATIONS:

Material: Roll Formed Aluminum

Wall Thickness: .025" (.63 mm)

Uses Spline Size: .175" (4.4 mm)

Uses Corners: WSC111 for Mitered Corners

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFS34GRY	Gray	12' 2" (3.7 m)	90
WSFS34BRZ	Bronze	12' 2" (3.7 m)	90
WSFS34W	White	12' 2" (3.7 m)	90

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC111
Mitered Corners
See page 154W



**SS175B, SSBL175B,
5C175, and 5CBL175**
Retainer Spline
See page 160W

CRL SCREEN FRAME

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 1/2" Roll Formed Aluminum Lip Screen Frame

- Typical Applications Include Inset Flush-Mounting of Screens for Patio or Porch Installations
- Installs and Removes Easily With Screen Clips
- .025" (.63 mm) Wall Thickness

3/4" x 7/16" (19 x 11.1 mm) box type Screen Frame has a 1/2" (12.7 mm) lip on the facing side. Lip Frame is usually used when no back-stop is available for a box type frame. Choose from three colors. This frame is cambered (slightly bowed) to retain screen tension when installed.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFL1PGRY	Gray	12' 2" (3.7 m)	70
WSFL1PBRZ	Bronze	12' 2" (3.7 m)	70
WSFL1PW	White	12' 2" (3.7 m)	70

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

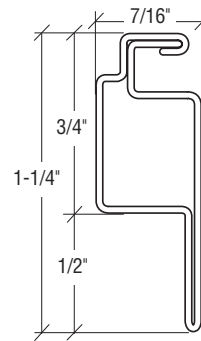
Works With:



WSC111
Mitered Corners
See page 154W



SS185B, SSBL185B,
5C185, and 5CBL185
Retainer Spline
See page 160W



SPECIFICATIONS:

Material: Roll Formed Aluminum

Wall Thickness: .025" (.63 mm)

Uses Spline Size: .185" (4.7 mm)

Uses Corners: WSC111 for Mitered Corners

CRL 5/16" Roll Formed Aluminum Reverse Lip Screen Frame

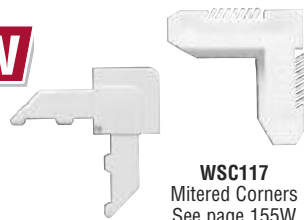
- Reversed Spline Pocket
- .020" (.51 mm) Wall Thickness
- Matching Square Cut Plastic Lip Corners Available

Our new 5/16" (7.9 mm) Reverse Lip Frame allows for inset mounting within the framed opening. Spline pocket is on the inside of the inset portion of the frame, resulting in less exposure to UV for longer spline life. Contoured flat inside edge adds strength.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFL8BRZ	Bronze	12' 2" (3.7 m)	120
WSFL8W	White	12' 2" (3.7 m)	120

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:

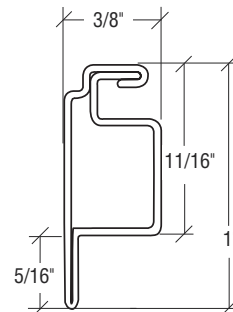


WSC117
Mitered Corners
See page 155W

SWSCL8
Square Cut Corners
See page 157W



5C140 and 5CBL140
Retainer Spline
See page 160W



SPECIFICATIONS:

Material: Roll Formed Aluminum

Wall Thickness: .020" (.51 mm)

Uses Spline Size: .140" (3.6 mm)

Uses Corners: WSC117 for Mitered Corners; SWSCCL8 for Square Cut Corners

CRL 5/16" Roll Formed Aluminum Standard Lip Screen Frame

- Typical Applications Include Inset Flush-Mounting of Screens for Patio or Porch Installations
- Installs and Removes Easily With Screen Clips
- .020" (.51 mm) Wall Thickness
- Matching Square Cut Plastic Lip Corners Available

Our WSFL7 Standard 5/16" Lip Frame allows for inset mounting within a frame. Spline opening is on the outside of the inset portion of the frame.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFL7BRZ	Bronze	12' 2" (3.7 m)	120
WSFL7W	White	12' 2" (3.7 m)	120

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:

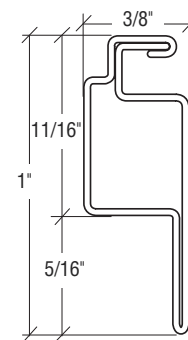


WSC117
Mitered Corners
See page 155W

SWSCCL7
Square Cut Corners
See page 157W



5C140, and 5CBL140
Retainer Spline
See page 160W



SPECIFICATIONS:

Material: Roll Formed Aluminum

Wall Thickness: .020" (.51 mm)

Uses Spline Size: .140" (3.6 mm)

Uses Corners: WSC117 for Mitered Corners; SWSCCL7 for Square Cut Corners



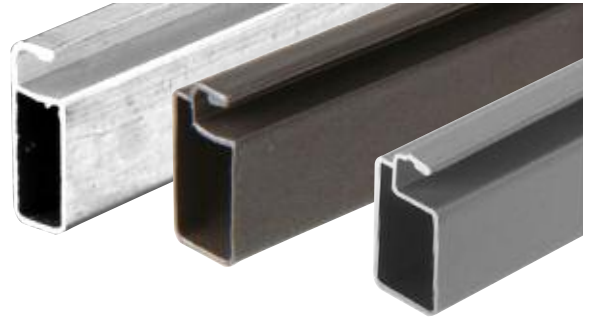
C.R. LAURENCE COMPANY

crlaurence.com | usalum.com

150W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Extruded Aluminum Screen Frames

- Uses the Latest "Thin Wall" Extrusion Technology in Four Sizes Plus Heavy Wall Type
- Superior Strength and Rigidity
- Durable Powder Coated Finish
- Cambered (Slightly Bowed) for Screen Tension



The extra rigidity of CRL Extruded Aluminum Screen Frame is due to the profile's seamless shape. Wall thickness measures .026" (.66 mm), making it 25% thicker than our standard roll formed screen frames. (Heavy Wall WSF17XA has .059" [1.5 mm] thickness.) You will find cutting these extruded frames will give you burr-free cuts for easy assembly. A special process during manufacturing creates the same cambered (slightly bowed) shape (except heavy wall type) as our roll formed frame to retain screen tension when installed.

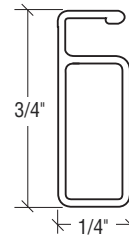
This superior quality extends to the finish as well. Rather than using wet baked enamel finishes, our Extruded Aluminum Screen Frames are powder coated to match the colors of our other screen lineals. The result is a finish with improved scratch, abrasive, and chemical resistance. For extra protection during shipping, each stock length is packed in it's own polywrap tube.

CRL 3/4" x 1/4" Extruded Aluminum Screen Frame

- Perfect for Smaller Sliding and Storm Windows
- .026" (.66 mm) Wall Thickness
- Three Finishes to Choose From
- Individually Polywrapped Stock Lengths

SPECIFICATIONS:

Material: Extruded Aluminum
Wall Thickness: .026" (.66 mm)
Uses Spline Size: .150" (3.8 mm)
Uses Corners: WSC104 for Mitered Corners; SWSC14 for Square Cut Corners



Box-type extruded .026 mil (.66 mm) thickness Frame uses our WSC104 Mitered Corner or our SWSC14 Square Cut Corner, and our .150" size Spline.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
A344M	Mill	12' (3.66 m)	100
A344BRZ	Bronze	12' (3.66 m)	100
A344W	White	12' (3.66 m)	100

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC104
Mitered Corners
See page 153W



SWSC14
Square Cut Corners
See page 156W



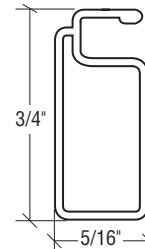
SS150B, SSBL150B, 5C150, and 5CBL150
Retainer Spline
See page 160W

CRL 3/4" x 5/16" Extruded Aluminum Screen Frame

- Built-In Camber for Even Screen Tension
- Durable, Scratch Resistant White, Bronze and Gray Powder Coat Finishes Plus Mill
- .026" (.66 mm) Wall Thickness

SPECIFICATIONS:

Material: Extruded Aluminum
Wall Thickness: .026" (.66 mm)
Uses Spline Size: .150" (3.8 mm)
Uses Corners: WSC105 for Mitered Corners; SWSC516 for Square Cut Corners



Box-type extruded .026 mil (.66 mm) thickness Frame uses our WSC105 Mitered Corner or our SWSC516 Square Cut Corner, and our .150" size Spline.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
A345M	Mill	12' (3.66 m)	100
A345GRY	Gray	12' (3.66 m)	100
A345BRZ	Bronze	12' (3.66 m)	100
A345W	White	12' (3.66 m)	100

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC105
Mitered Corners
See page 153W



SWSC516
Square Cut Corners
See page 156W



SS150B, SSBL150B, 5C150, and 5CBL150
Retainer Spline
See page 160W

CRL SCREEN FRAME

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 3/4" x 3/8" Extruded Aluminum Screen Frame

- Typical Applications Include Sliding, Storm, and Casement Windows
- .026" (.66 mm) Wall Thickness
- Individually Polywrapped Stock Lengths
- Four Finishes to Choose From

Box-type extruded .026 mil (.66 mm) thickness Frame uses our WSPC106 Mitered Corner or our special SWSC38A Square Cut Corners and our .150" size Spline.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
A346M	Mill	12' (3.66 m)	100
A346GRY	Gray	12' (3.66 m)	100
A346BRZ	Bronze	12' (3.66 m)	100
A346W	White	12' (3.66 m)	100

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:

new

WSPC106
Plastic Mitered Corners
See page 155W

SWSC38A
Square Cut Corners
See page 156W

**SS150B, SSBL150B,
5C150, and 5CBL150**
Retainer Spline
See page 160W

SPECIFICATIONS:

Material: Extruded Aluminum
Wall Thickness: .026" (.66 mm)
Uses Spline Size: .150" (3.8 mm)
Uses Corners: WSPC106 for Mitered Corners; SWSC38A for Square Cut Corners

CRL 3/4" x 7/16" Extruded Aluminum Screen Frame

- Great for Double Hung, Casement, and Louver-Jalousie Windows
- .026" (.66 mm) Wall Thickness
- Four Finishes to Choose From
- Individually Polywrapped Stock Lengths

Box-type extruded .026 mil (.66 mm) thickness Frame uses our WSC107 or WSPC107 Mitered Corners or our SWSC716 Square Cut Corners, and our .180" size Spline.

SPECIFICATIONS:

Material: Extruded Aluminum
Wall Thickness: .026" (.66 mm)
Uses Spline Size: .180" (4.6 mm)
Uses Corners: WSC107 or WSPC107 for Mitered Corners; SWSC716 for Square Cut Corners

Works With:

new

WSC107
Mitered Corners
See page 153W

WSPC107
Plastic Mitered Corners
See page 155W

SWSC716
Square Cut Corners
See page 156W

**SS180B, SSBL180B,
5C180, and 5CBL180**
Retainer Spline
See page 160W

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
A347M	Mill	12' (3.66 m)	100
A347GRY	Gray	12' (3.66 m)	100
A347BRZ	Bronze	12' (3.66 m)	100
A347W	White	12' (3.66 m)	100

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL 1" x 7/16" Heavy Wall Extruded Aluminum Screen Frame

- Ideal for Larger Window Openings and Other Commercial Applications
- .050" (1.3 mm) Wall Thickness
- Three Finishes

This CRL 1" x 7/16" (25.4 x 11.1 mm) Extruded Screen Frame is made of .050 mil (1.3 mm) thick extruded aluminum for superior screen strength and rigidity. It will accept .250" size Spline, and our WSC109 Mitered Corners.

FINISHES new

Works With:

WSC109
Mitered Corners
See page 154W

SS250B and SSBL250B
Retainer Spline
See page 160W

SPECIFICATIONS:

Material: Extruded Aluminum
Wall Thickness: .050" (1.3 mm)
Uses Spline Size: .250" (6.3 mm)
Uses Corners: WSC109 for Mitered Corners

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF17XA	Mill	12' (3.66 m)	50
WSF17XBRZ	Bronze	12' (3.66 m)	50
WSF17XW	White	12' (3.66 m)	50

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



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CRL Aluminum Miter Cut Screen Frame Corners

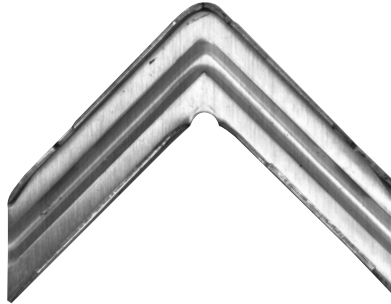
Our Screen Frame Corners are just the thing to keep screen frames square and sturdy. Corners are made to fit specific Screen Frame sections. Available in packages of 100 or cases of 1000. The minimum order quantity and order increments are 100.

NOTE: Each Corner is described to include the Screen Frame it is intended to fit. Never use a Corner in any Screen Frame it is not designed for.

CRL 1/4" Miter Cut Screen Frame Corners

- For 1/4" WSF344 and A344 Screen Frame

This CRL Aluminum Screen Frame Corner is designed to fit 3/4" x 1/4" (19 x 6.3 mm) WSF344 and A344 Series Screen Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



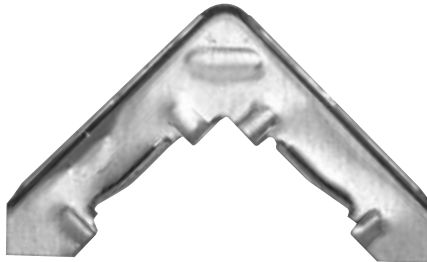
CAT. NO. WSC104



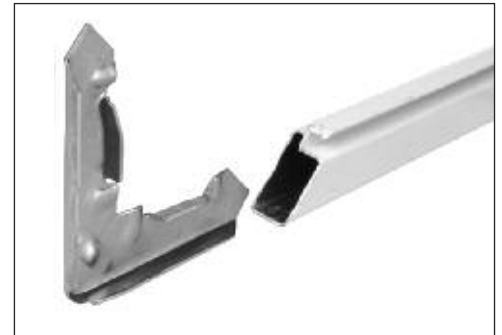
CRL 5/16" Miter Cut Screen Frame Corners

- For 5/16" WSF345 and A345 Screen Frame

This CRL Aluminum Screen Frame Corner is designed to fit 3/4" x 5/16" (19 x 7.9 mm) WSF345 and A345 Series Screen Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



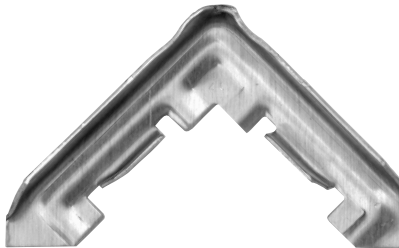
CAT. NO. WSC105



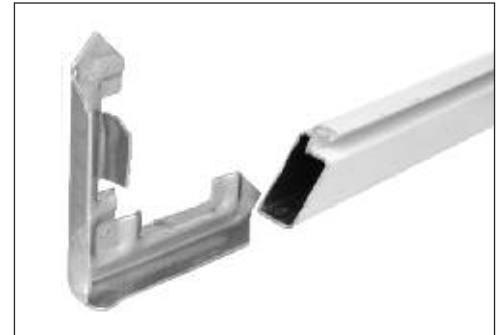
CRL 3/8" Miter Cut Screen Frame Corners

- For 3/8" WSF346 Screen Frame

This CRL Aluminum Screen Frame Corner is designed to fit 3/4" x 3/8" (19 x 9.5 mm) WSF346 Series Screen Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



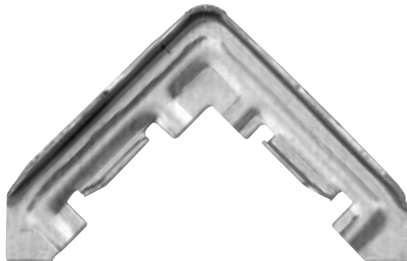
CAT. NO. WSC106



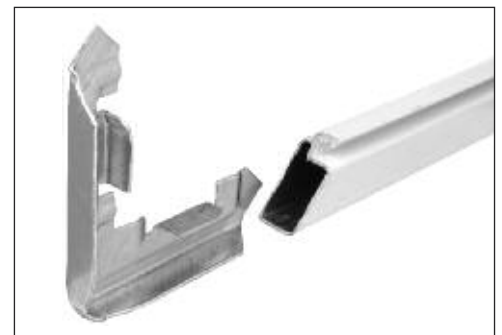
CRL 7/16" Miter Cut Screen Frame Corners

- For 7/16" WSF347 and A347 Screen Frame

This CRL Aluminum Screen Frame Corner is designed to fit 3/4" x 7/16" (19 x 11.1 mm) WSF347 and A347 Series Screen Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



CAT. NO. WSC107

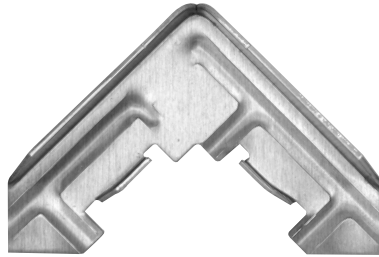


All bulk Screen Corners can be combined for quantity pricing.

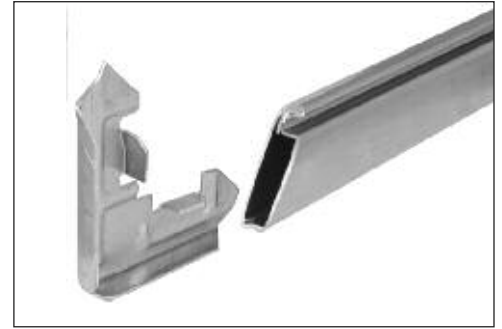
CRL 7/16" Miter Cut Screen Frame Corners

• For 7/16" WSF17 Screen Frame

This CRL Aluminum Screen Frame Corner is designed to fit 1" x 7/16" (25.4 x 11.1 mm) WSF17 Series Screen Frame for miter cut applications. This corner will not fit our WSF17X Series Extruded Frames. Minimum order is 100 each. Must be ordered in increments of 100.



CAT. NO. WSC108



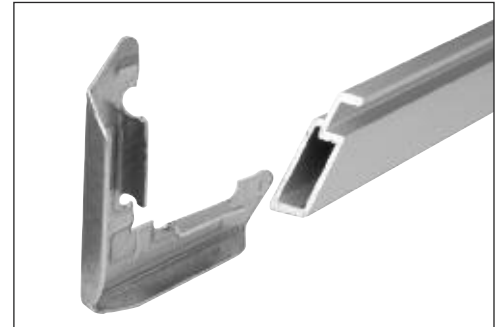
CRL 7/16" Miter Cut Heavy Wall Screen Frame Corners

• For 7/16" WSF17X Screen Frame

These CRL Aluminum Screen Frame Corners are designed to fit heavy wall 1" x 7/16" (25.4 x 11.1 mm) WSF17X Series Screen Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



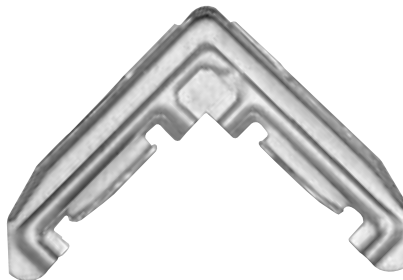
CAT. NO. WSC109



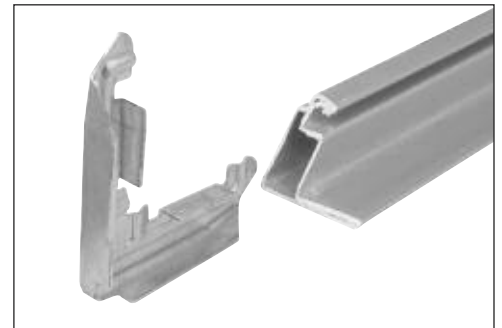
CRL 7/16" Miter Cut Screen Frame Corners

• For 7/16" WSFL and WSFS Screen Frame

This CRL Aluminum Screen Frame Corner is designed to fit WSFS34 and WSFL1P Series Screen Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



CAT. NO. WSC111



CRL 7/16" Miter Cut Screen Frame Corners

• For 7/16" WSF1257 Screen Frame

These CRL Aluminum Screen Frame Corners are designed to fit 1-1/4" x 7/16" (31.7 x 11.1 mm) WSF1257 Series Screen Frame for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



CAT. NO. WSC114



All bulk Screen Corners can be combined for quantity pricing.

CRL Plastic Miter Cut Screen Frame Corners

These new injected Plastic Miter Cut Screen Corners are designed for miter cut screen frame construction. These new corners offer all of the benefits of our WSC Series Metal Corners with a significant cost savings. They fit snugly to improve the rigidity of the screen frame, yet require no special tools for insertion.

NOTE: Each Corner is described to include the Screen Frame it is intended to fit. Never use a Corner in any Screen Frame it is not designed for.

CRL 5/16" Plastic Miter Cut Screen Frame Corners

- For 5/16" WSF345 and A345 Screen Frame

This CRL Plastic Screen Frame Corner is designed to fit 3/4" x 5/16" (19 x 7.9 mm) WSF345 and A345 Series Screen Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



new

CAT. NO. WSPC105



CRL 3/8" Plastic Miter Cut Screen Frame Corners

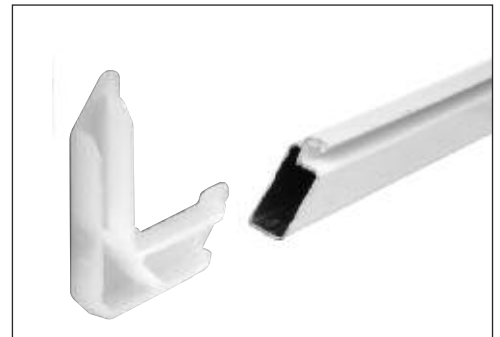
- For 3/8" WSF346 and A346 Screen Frame

This CRL Plastic Screen Frame Corner is designed to fit 3/4" x 3/8" (19 x 9.5 mm) WSF346 and A346 Series Screen Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



new

CAT. NO. WSPC106



CRL 7/16" Plastic Miter Cut Screen Frame Corners

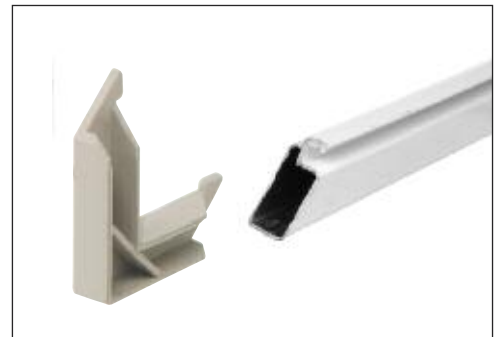
- For 7/16" WSF347 and A347 Screen Frame

This CRL Plastic Screen Frame Corner is designed to fit 3/4" x 7/16" (19 x 11.1 mm) WSF347 and A347 Series Screen Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



new

CAT. NO. WSPC107



CRL 5/16" Plastic Miter Cut Screen Lip Frame Corners

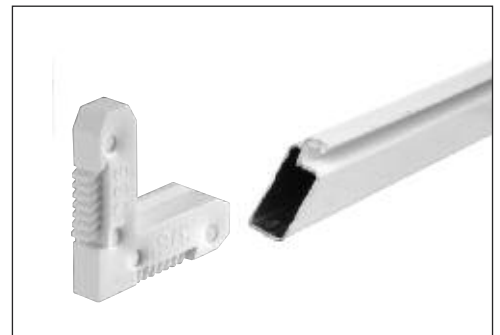
- For 5/16" WSFL7 and WSFL8 Screen Lip Frame

This CRL Plastic Screen Frame Corner is designed to fit our 5/16" (7.9 mm) WSFL7 and WSFL8 Series Screen Lip Frames for miter cut applications. Minimum order is 100 each. Must be ordered in increments of 100.



new

CAT. NO. WSC117



All bulk Screen Corners can be combined for quantity pricing.

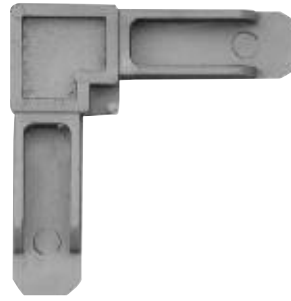
CRL SCREEN FRAME CORNERS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 1/4" Square Cut Screen Frame Corners

• For 1/4" WSF344 and A344 Screen Frame

CRL Square Cut Screen Frame Corners save the time it takes to miter cut screen frame. Square Cut Corners are simple to install: just press them into the frame. Made of high strength plastic, they will withstand years of exposure without corroding or distorting. Beige, bronze, gray, and white colors are available to match CRL Screen Frames.



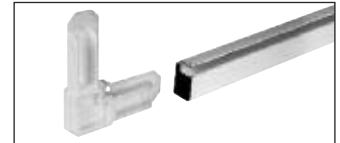
CAT. NO.	COLOR	QTY/PKG
SWSC14BGE	Beige	100
SWSC14BRZ	Bronze	100
SWSC14GRY	Gray	100
SWSC14W	White	100

Minimum order: 100 each. Must be ordered in increments of 100.

CRL 5/16" Square Cut Screen Frame Corners

• For 5/16" WSF345 and A345 Screen Frame

CRL Square Cut Screen Frame Corners save the time it takes to miter cut screen frame. Square Cut Corners are simple to install: just press them into the frame and they hold snug and square. Made of high strength plastic, they will withstand years of exposure without corroding or distorting. Beige, bronze, gray, and white colors.



CAT. NO.	COLOR	QTY/PKG
SWSC516BGE	Beige	100
SWSC516BRZ	Bronze	100
SWSC516GRY	Gray	100
SWSC516W	White	100

Minimum order: 100 each. Must be ordered in increments of 100.

CRL 3/8" Square Cut Screen Frame Corners

• For 3/8" WSF346 Screen Frame

CRL Square Cut Screen Frame Corners save the time it takes to miter cut screen frame. Just press them into the screen frame and they hold snug and square. Made of high strength plastic, they will withstand years of exposure without corroding or distorting. Beige, bronze, gray, and white colors are available to match CRL Screen Frames.



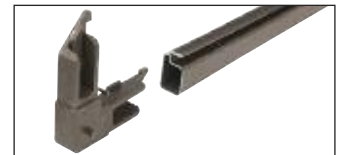
CAT. NO.	COLOR	QTY/PKG
SWSC38BGE	Beige	100
SWSC38BRZ	Bronze	100
SWSC38GRY	Gray	100
SWSC38W	White	100

Minimum order: 100 each. Must be ordered in increments of 100.

CRL 3/8" Square Cut Screen Frame Corners

• For 3/8" A346 Screen Frame

CRL Square Cut Screen A346 Frame Corners save the time it takes to miter cut screen frame. Just press them into the A346 Extruded Aluminum Screen Frame, and they hold snug and square. Made of high strength plastic, they will withstand years of exposure without corroding or distorting. Bronze, gray, and white colors are available to match CRL Screen Frames.



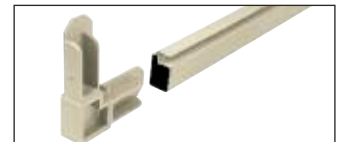
CAT. NO.	COLOR	QTY/PKG
SWSC38ABRZ	Bronze	100
SWSC38AGRY	Gray	100
SWSC38AW	White	100

Minimum order: 100 each. Must be ordered in increments of 100.

CRL 7/16" Square Cut Screen Frame Corners

• For 7/16" WSF347 and A347 Screen Frame

CRL Square Cut Screen Frame Corners save the time it takes to miter cut screen frame. Just press them into the screen frame, they hold snug and square. Made of high strength plastic, they will withstand years of exposure without corroding or distorting. Bronze, gray, beige, and white colors are available to match CRL Screen Frames.



CAT. NO.	COLOR	QTY/PKG
SWSC716BGE	Beige	100
SWSC716BRZ	Bronze	100
SWSC716GRY	Gray	100
SWSC716W	White	100

Minimum order: 100 each. Must be ordered in increments of 100.

All bulk Screen Corners can be combined for quantity pricing.

CRL WSFL7 Lip Frame Screen Corners

- Has 5/16" Lip to Match Frame

These CRL Square Cut Plastic Screen Frame Corners work with Cat. No. WSFL7 Lip Frame. The screen frame which this corner fits is 3/8" (9.5 mm) thick frame and has a 5/16" (7.9 mm) wide lip to match.

CAT. NO.	COLOR	QTY/PKG
SWSCL7W	White	100
SWSCL7BRZ	Bronze	100

Minimum order: 100 each. Must be ordered in increments of 100.



new

CRL WSFL8 Lip Frame Screen Corners

- Has 5/16" Lip to Match Frame

These CRL Square Cut Plastic Screen Frame Corners work with Cat. No. WSFL8 Lip Frame. The screen frame which this corner fits is 3/8" (9.5 mm) thick frame and has a 5/16" (7.9 mm) wide lip to match.

CAT. NO.	COLOR	QTY/PKG
SWSCL8W	White	100
SWSCL8BRZ	Bronze	100

Minimum order: 100 each. Must be ordered in increments of 100.



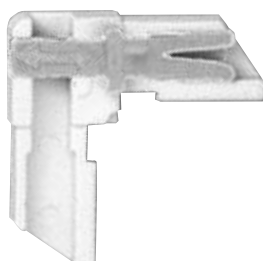
new

CRL Screen Frame Corner With Slide Lock

Plastic Square Cut Screen Frame Corner for Better Built Windows. This Corner has a plastic slide lock; 1/8" tall post keeps Corner tight within window frame. For use with 5/16" screen frame. A set consists of one Corner and one Slide Lock.

CAT. NO.	COLOR	QTY/PKG
PL16404	White	20 Sets

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.



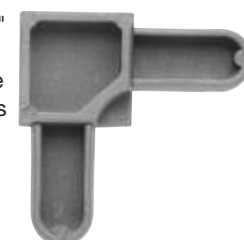
CRL Mobile Home Screen Frame Corners

- Square Cut

These plastic square cut CRL Mobile Home Screen Frame Corners fit 5/8" x 1/4" (15.9 x 6.3 mm) screen frames popular on mobile homes years ago. Unfortunately the frame is no longer available. These Corners are for replacing existing broken corners.

CAT. NO.	COLOR	QTY/PKG
PL14335	Gray	20
PL14336	White	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.



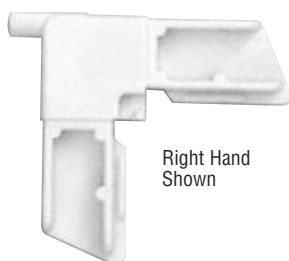
CRL Storm Door Top Screen Corners

- Popular Square Cut Corner for Storm Door Screens
- Fits WSF345 Series 5/16" Screen Frame Only

CRL Plastic Square Cut Screen Frame Corners for storm door insert panels using WSF345 Series 5/16" (7.9 mm) screen frame. Corners have a retainer pin, and come left and right hand, 10 pair per pack. The pin was redesigned to half round to prevent breakage during installation.

CAT. NO.	COLOR	QTY/PKG
PL16156	White	10 Pair
PL16157	Brown	10 Pair

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.



Right Hand
Shown

CRL Storm Door Bottom Screen Corners

- Popular Square Cut Corner for Storm Door Screens
- Fits WSF345 Series 5/16" Screen Frame Only

CRL Plastic Square Cut Screen Frame Corners for storm door insert panels using WSF345 Series 5/16" (7.9 mm) screen frame. Used with Cat. No. PL16156 or PL16157 Top Corners. Bottom Corners are non-handed.

CAT. NO.	COLOR	QTY/PKG
PL16158	White	20
PL16159	Brown	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.



CRL Adjustable Screen Frame Corners

- Ideal for Hex or Octagonal Screens
- Fits WSF347 and A347 Screen Frames

CRL Adjustable Screen Frame Corners are riveted together to allow the two legs to swivel. Ideal for making hex or octagonal screens, or for attaching radius top screens to rectangular bottoms. These plastic corners fit 3/4" x 7/16" (19 x 11.1 mm) CRL WSF347 and A347 miter cut Screen Frame.

CAT. NO.	COLOR	QTY/PKG
PL16138	Black	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.



CRL Pella 3/4" x 7/16" Screen Frame Corners

CRL Pella 3/4" x 7/16" (19 x 11.1 mm) plastic Screen Frame Corners fit Pella 3/4" (19 mm) miter cut Screen Frame.

CAT. NO.	COLOR	QTY/PKG
PL15767	Bronze	20
PL15766	White	20
PL15759	Tan	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.



CRL ScreenEze™ Patio Screen System

- Amazing New Technology
- Easy to Install – No Staples, No Spline
- Durable, Safe, Versatile, and Cost Effective

The patented, new CRL ScreenEze™ System is an easy to install two-piece snap design which does not require spline or rolling tools. The Base is extruded aluminum, and the Snap Cap is extruded vinyl.

Simply attach the Base along the entire edge of the inside or outside perimeter of opening. Lay the screen wire on the face bead of the Base and snap the Vinyl Cap onto one side. Then pull the wire across the opening, pulling just tight enough to take out the slack, and snap the Vinyl Cap onto the opposing side. As the Vinyl Cap depresses onto the Base, the wire is pulled into the cap channel thereby stretching the wire.

- Design and Build Innovative Screen Porches
- System Stretches Screen for You
- Painted Self-Drilling Screws Included

No need to worry about bending or bowing the Base angle since it is firmly attached to the frame opening with self-drilling screws 10" (254 mm) apart (painted screws are supplied).

The ScreenEze™ System works with all 18 x 16, 18 x 14, and 20 x 20 fiberglass screen wire. Angular openings are no problem, just measure the opening and miter the corners. As an added bonus, the screen wire can be removed during the cold winter months, and replaced with clear vinyl, to give an additional thermal break and air seal. **NOTE:** One length of Aluminum Base and Vinyl Cap per set. Screen wire and clear vinyl is not included.



ScreenEze™ Durability By Design

The innovative ScreenEze™ design is stronger and more durable than current screen systems. The ScreenEze™ system maintains the screen's integrity.



67 pound bucket placed on the screen panel for 21 days, then removed.



72 hours later the screen is restored with no adjustments or repairs required.



1. Position Vinyl Cap over the bead portion of the Aluminum Base.



2. Pull wire tight, then snap Vinyl Cap onto the Aluminum Base so it's fully seated.

CAT. NO.	FINISH	LENGTH
SEZ96BRZ	Bronze	96" (2.4 m)
SEZ96S	Sand	96" (2.4 m)
SEZ96W	White	96" (2.4 m)

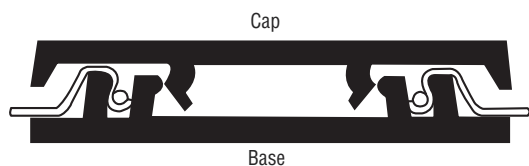
Minimum order: 1 stock length. Colors can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 stock lengths.

CRL Screen Tight™ System

- Low Maintenance Vinyl Screening System
- Accepts Standard Fiberglass and Aluminum Screen Wire and Serrated Retainer Spline
- No Rusty Nails, Staples or Loose Screens

CRL Screen Tight™ Vinyl Screen Frame is a common sense approach to screening a porch or sunroom area. This Vinyl Screen Frame has been designed with the home builder in mind.

Screen Tight's unique system is easily adaptable to most screen porches. The Base attaches to existing 2" x 4" or 4" x 4" framing with wood screws, roof tacks or staples. Once the Base is attached, the screen is rolled into place with a standard screen roller tool. The excess screen is cut and removed. The Cap snaps into the Base, completing the installation.



Screen Tight is durable and weather resistant. It is low maintenance because it won't corrode, rust or rot, and never needs painting. **NOTE:** Screen wire and spline not included. Recommended spline size is .175" when using fiberglass screen wire; .165" when using aluminum screen wire.

• Very Simple to Install



1. Measure and cut Screen Tight Base



2. Fasten to porch members



3. Roll in screen wire and retainer spline



4. Snap on Screen Tight Cap



Free Sample Available

Call or fax our Customer Service Department for your free sample of Screen Tight™. Ask for CAT. NO. 1838STS.

• Two Finishes in Two Widths



96" (2.4 M) SCREEN TIGHT COMPONENTS

20 LENGTHS PER CASE

CAT. NO.	DESCRIPTION	COLOR
CAP18BE8	1-1/2" (38 mm) Wide Cap	Beige
CAP18W8	1-1/2" (38 mm) Wide Cap	White
BAS188	1-1/2" (38 mm) Wide Base	Black
CAP38BE8	3-1/2" (89 mm) Wide Cap	Beige
CAP38W8	3-1/2" (89 mm) Wide Cap	White
BAS388	3-1/2" (39 mm) Wide Base	Black

Minimum order is five lengths of one size and color. Colors can be combined for quantity pricing.

CRL Serrated Screen Retainer Spline in Bulk Rolls

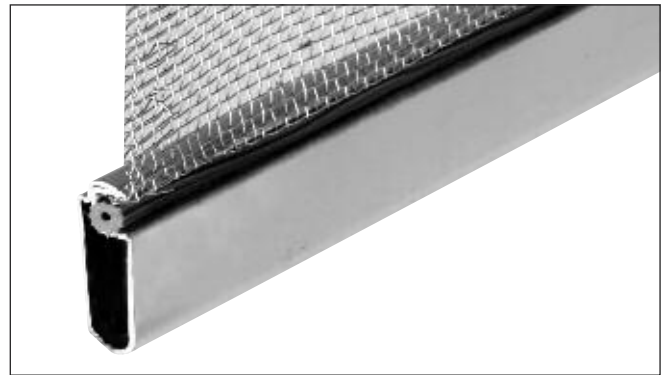
- Serrated Surface Holds Screen Securely in Frame
- Economical 15 Pound (6.8 kg) Bulk Rolls
- Gray and Black Colors

CRL Screen Retainer Spline is a high quality, hollow core vinyl used for repairing, rescreening or fabricating window, door, and patio screens. Bulk rolls are economical to use and easy to handle. Gray Spline blends well with aluminum or gray fiberglass screen wire and mill, gray, or white finish frame. Black Spline blends well with charcoal aluminum or fiberglass screen wire and bronze or beige finish frame.



GRAY CAT. NO.	BLACK CAT. NO.	DIAMETER	ROLL LENGTH
SS125B	SSBL125B	.125" (3.2 mm)	2670' (814 m)
SS135B	SSBL135B	.135" (3.4 mm)	2190' (667 m)
SS150B	SSBL150B	.150" (3.8 mm)	1815' (553 m)
SS165B	SSBL165B	.165" (4.2 mm)	1500' (457 m)
SS170B	SSBL170B	.170" (4.3 mm)	1410' (430 m)
SS175B	SSBL175B	.175" (4.4 mm)	1320' (402 m)
SS180B	SSBL180B	.180" (4.6 mm)	1200' (366 m)
SS185B	SSBL185B	.185" (4.7 mm)	1140' (347 m)
SS190B	SSBL190B	.190" (4.8 mm)	1090' (332 m)
SS200B	SSBL200B	.200" (5.1 mm)	990' (302 m)
SS220B	SSBL220B	.220" (5.6 mm)	810' (247 m)
SS230B	SSBL230B	.230" (5.8 mm)	780' (238 m)
SS235B	---	.235" (6.0 mm)	750' (228 m)
SS250B	SSBL250B	.250" (6.4 mm)	650' (198 m)

Minimum order: 1 roll. All Bulk Rolls of Spline can be combined for quantity pricing.



Holds Screen Wire Securely in Screen Frame

CRL Serrated Screen Retainer Spline

- Gray and Black Colors on an Easy to Handle 500 Foot (152 m) Spool

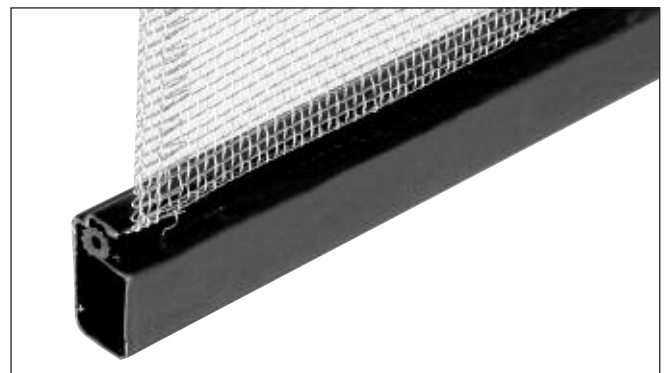
This CRL Screen Retainer Spline is a high quality, hollow core vinyl used for repairing, rescreening or fabricating window, door, and patio screens. This 500 foot (152 m) durable plastic spool makes it easy to handle. The Gray Spline blends well with aluminum or gray fiberglass screen wire and mill, gray, or white finish frame. The Black Spline blends well with charcoal aluminum or fiberglass screen wire and bronze or beige finish frame.



new

GRAY CAT. NO.	BLACK CAT. NO.	DIAMETER
5C120	5CBL120	.120" (3.0 mm)
5C125	5CBL125	.125" (3.2 mm)
5C135	5CBL135	.135" (3.4 mm)
5C140	5CBL140	.140" (3.6 mm)
5C145	5CBL145	.145" (3.7 mm)
5C150	5CBL150	.150" (3.8 mm)
5C155	5CBL155	.155" (3.9 mm)
5C160	5CBL160	.160" (4.1 mm)
5C165	5CBL165	.165" (4.2 mm)
5C170	5CBL170	.170" (4.3 mm)
5C175	5CBL175	.175" (4.4 mm)
5C180	5CBL180	.180" (4.6 mm)
5C185	5CBL185	.185" (4.7 mm)
5C190	5CBL190	.190" (4.8 mm)

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.



Holds Screen Wire Securely in Screen Frame

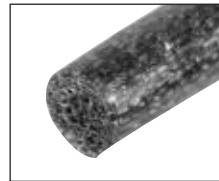
CRL Foam Core Screen Spline

- More Resilient and Versatile Than Vinyl
- 500 Foot (152 m) Rolls in 13 Diameters

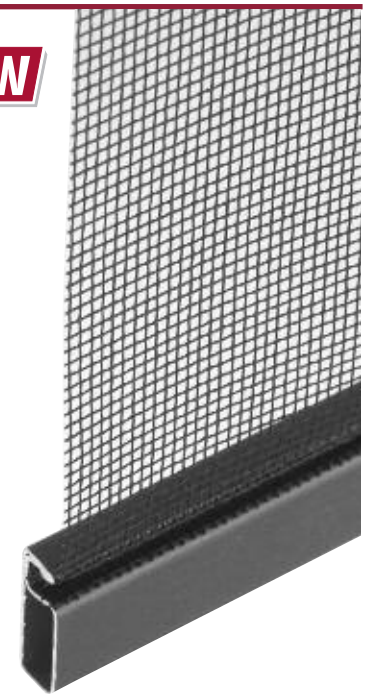
CRL Foam Core Screen Spline has more compressibility than Vinyl Spline, and therefore will work in a broader range of spline groove widths. This black color Foam Core Spline is an excellent substitute for metal U-Channel Spline.

CAT. NO.	DIAMETER	ROLL LENGTH
FSS120	.120" (3.0 mm)	500' (152 m)
FSS135	.135" (3.4 mm)	500' (152 m)
FSS145	.145" (3.7 mm)	500' (152 m)
FSS155	.155" (3.9 mm)	500' (152 m)
FSS160	.160" (4.1 mm)	500' (152 m)
FSS170	.170" (4.3 mm)	500' (152 m)
FSS180	.180" (4.6 mm)	500' (152 m)
FSS190	.190" (4.8 mm)	500' (152 m)
FSS200	.200" (5.1 mm)	500' (152 m)
FSS225	.225" (5.7 mm)	500' (152 m)
FSS235	.235" (5.9 mm)	500' (152 m)
FSS250	.250" (6.3 mm)	500' (152 m)
FSS270	.270" (6.9 mm)	500' (152 m)

Minimum order: 1 roll. Spline sizes and colors can be combined for quantity pricing.



new



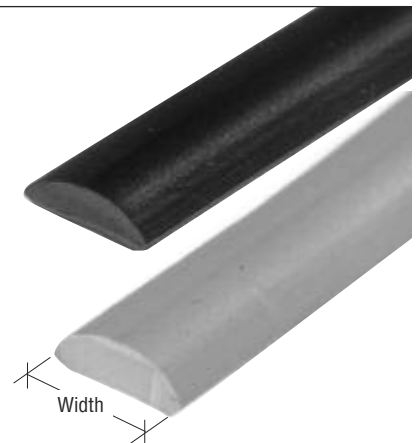
CRL Flat Screen Retainer Spline

- Available in Gray and Black
- Ideal for Patio Enclosures

CRL Flat Screen Retainer Spline is 1/16" (1.6 mm) thick quality solid core. Flat Spline is perfect for porch screen frames, and comes in gray and black colors.

GRAY CAT. NO.	BLACK CAT. NO.	WIDTH	ROLL LENGTH
---	FS315BL	.315" (8.0 mm)	500' (152 m)
---	FS344BL	.344" (8.7 mm)	500' (152 m)
P7839	P7843	.315" (8.0 mm)	100' (30.5 m)

Minimum order: 1 roll. Spline sizes and colors can be combined for quantity pricing.



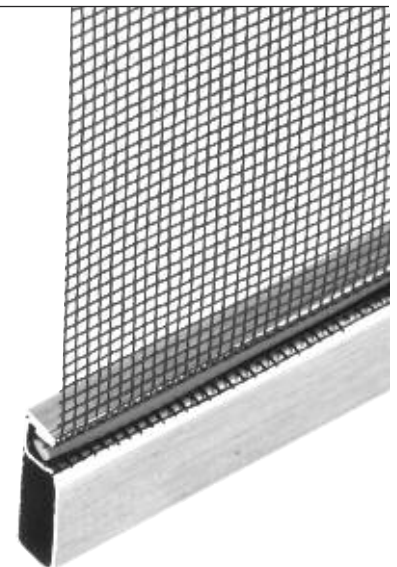
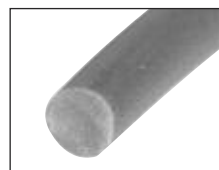
CRL Smooth Surface Spline

- This Size is Suited to Smaller Size Spline Channels
- 100 and 1000 Foot (30.5 and 305 m) Rolls

This gray CRL Screen Retainer Spline is a high quality vinyl used for repairing, rescreening or fabricating window, door, and patio screens. Bulk rolls are economical to use and easy to handle. The Gray Spline blends well with aluminum or gray fiberglass screen wire and mill, gray, and white finish screen frame.

CAT. NO.	DIAMETER	ROLL LENGTH
SS090C	.090" (2.3 mm)	100' (30.5 m)
SS090B	.090" (2.3 mm)	1000' (305 m)

Minimum order: 1 roll. Spline sizes and colors can be combined for quantity pricing.

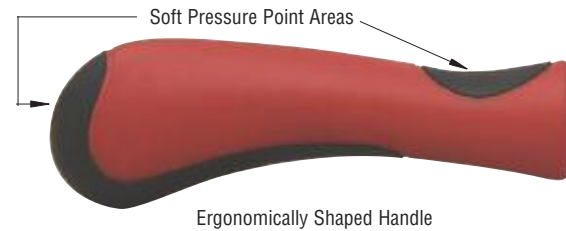


CRL Screen and Spline Tools

The CRL Comfort Grip is the ultimate in roller tools. The handle is made from molded TPE plastic, softer than wood and ergonomically shaped to greatly increase your gripping power. The pressure point areas (shown in black) are 15% softer than the red areas to reduce user fatigue during extended use.

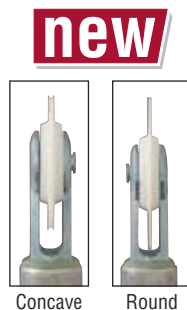
Our complete selection of Screen Roller Tools comes in sizes to accommodate most any screen frame and retainer spline. Some are multiple purpose combination tools with a pair of rollers, one of each type, screen insertion and spline insertion. Others include specialty rollers with "flat" or "step" contours. Whatever your needs, we have a Roller Tool that will satisfy your requirements.

• Top Quality Tools for All Your Screen Fabricating Needs



CRL Comfort Grip Nylon Combination Roller Tools

• For Inserting Screen Cloth and Retainer Spline



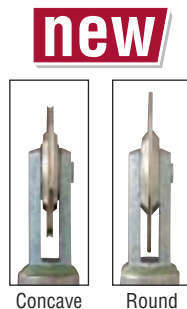
The CRL Nylon Combination Roller has a round edge nylon roller on one end for creasing the screen cloth into the spline groove, and a concave edge nylon roller on the opposite end for inserting the spline and screen into the screen frame spline groove. This tool is an excellent choice for rolling fiberglass screen.

CAT. NO.	CONCAVE EDGE ROLLER	ROUND EDGE ROLLER
CGS5NK6N	3/32" x 2" (2.4 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)
CGS5NK7N	1/8" x 2" (3.2 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Comfort Grip Steel Combination Roller Tools

• Ball Bearing Rollers for Smooth Operation



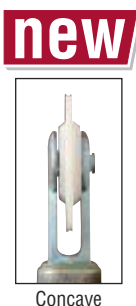
The CRL Steel Combination Roller has a round edge steel roller on one end and a concave steel roller on the other. All rollers have ball bearing inner races for smooth operation. This is a 'must have' tool whenever rolling aluminum or any other metal screen.

CAT. NO.	CONCAVE EDGE ROLLER	ROUND EDGE ROLLER
CGS5K6	3/32" x 2" (2.4 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)
CGS5K7	1/8" x 2" (3.2 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Comfort Grip Single Concave Edge Roller Tools

• Choice of Nylon or Steel Rollers



CRL Single Concave Edge Roller Tools are available with either a nylon or steel roller. They have ball bearing inner races to provide smooth operation.

CAT. NO.	ROLLER	ROLLER THICKNESS	ROLLER DIAMETER
CG27K6N	Nylon	3/32" (2.4 mm)	2" (50.8 mm)
CG27K7N	Nylon	1/8" (3.2 mm)	2" (50.8 mm)
CG27K6	Steel	3/32" (2.4 mm)	2" (50.8 mm)
CG27K7	Steel	1/8" (3.2 mm)	2" (50.8 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Comfort Grip Combination Roller and Cutter Tools

• It's Two Tools in One



The CRL Combination Spline Roller and Cutter will increase your production speed. With one tool you can cut your screen cloth to size, then roll the screen into the spline channel and finish by cutting the spline to length.

CAT. NO.	ROLLER	ROLLER THICKNESS	ROLLER DIAMETER
CGK6N96	Nylon	3/32" (2.4 mm)	2" (50.8 mm)
CGK7N96	Nylon	1/8" (3.2 mm)	2" (50.8 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Heavy-Duty Combination Nylon Wheel Screen and Spline Roller

- Our Most Popular Screening Tool



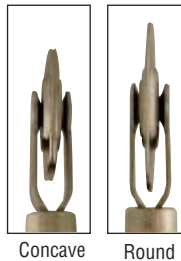
Get maximum efficiency with one of the most popular and widely used tools in the industry. One round edge and one concave nylon roller with steel ball bearings. The rollers are replaceable when worn. The contoured hardwood handle makes it comfortable to hold.

CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
S5NK7N	1/8" x 2" (3.2 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Heavy-Duty Combination Steel Wheel Screen and Spline Roller

- Four Roller Combinations to Choose From
- Steel Ball Bearings on Both Rollers



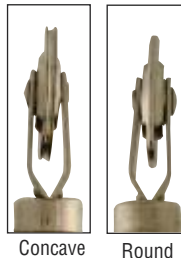
Take your choice of four different roller size combinations. These rollers all have steel ball bearings, hardened and polished for smooth rolling. A contoured hardwood handle gives a comfortable grip, and the easy rolling rollers alleviate fatigue and facilitate finishing the job. Features one round edge and one concave edge roller.

CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
S5K7	1/8" x 2" (3.2 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)
166166RN	1/8" x 3" (3.2 x 76.2 mm)	1/16" x 3" (1.6 x 76.2 mm)
S5K3	5/32" x 1-1/2" (4.0 x 38.1 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)
S5K8	5/32" x 2" (4.0 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Standard Combination Steel Wheel Screen and Spline Roller

- Popular Roller Diameters and Thicknesses



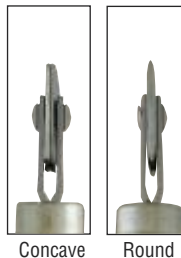
The concave edge and round edge steel rollers on this tool are mounted on ball bearings for smooth rolling operation. The contour grip handle is easy to hold, and hardened steel rollers give you long lasting use.

CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
PL7508	3/32" x 1-1/2" (2.4 x 38.1 mm)	3/32" x 1-1/2" (2.4 x 38.1 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Basic Combination Screen and Spline Roller

- Contoured Wood Handle



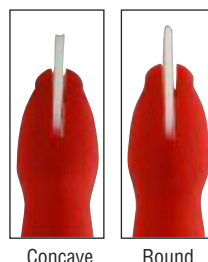
Two steel rollers, one round and one concave, are mounted on a contoured wood handle that makes handling easier. Packaged for over the counter sales, it's also a good tool for shop use.

CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
PL7505	5/32" x 1-5/16" (4.0 x 33.3 mm)	3/32" x 1-5/16" (2.4 x 33.3 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Basic Combination Nylon Wheel Screen and Spline Roller

- Lightweight Hollow Handle



Featuring a round edge and concave edge nylon roller mounted in lightweight plastic handle, the CRL Combination Nylon Wheel Screen and Spline Roller is ideal for shop use or over the counter sales.

CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
PL7503	5/32" x 1-5/8" (4.0 x 41.3 mm)	3/32" x 1-5/8" (2.4 x 41.3 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Combination Spline and Flat Nylon Roller Tool

- Nylon Roller Tool Smooths Out Glazing Vinyl



new



Concave



Flat

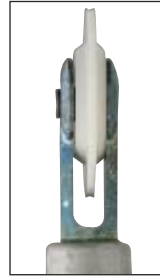
The rollers on this combination CRL Nylon Flat Edge Roller and Spline Tool are riveted to a steel yoke, and mounted to a contour-grip, finished wood handle. Use it to smooth out flat spline or to insert glazing vinyl prior to insertion in the frame.

CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	FLAT ROLLER (WIDTH X DIAMETER)
K7NFR40	1/8" x 2" (3.2 x 50.8 mm)	1-3/4" x 2" (44.5 x 50.8 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Single Concave Edge Nylon Wheel Spline Roller

- Three Models to Accommodate Different Spline Sizes



Concave

Concave Edge Nylon Roller Tools for retainer spline installation. Nylon ball bearing roller riveted to a steel yoke. Finished wood handle has a contoured grip. Choose from three roller thicknesses to accommodate different screen spline sizes.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27K6N	3/32" (2.4 mm)	2" (50.8 mm)
27K7N	1/8" (3.2 mm)	2" (50.8 mm)
27K9N	3/16" (4.8 mm)	2" (50.8 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Single Concave Edge Steel Wheel Spline Roller

- Six Sizes to Choose From
- Finished Wood Handle With Contoured Grip



Concave

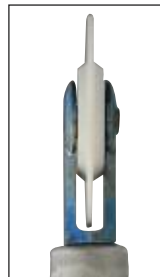
Steel Concave Edge Rollers for retainer spline installation. Steel ball bearing roller riveted to a steel yoke. Finished wood handle with contour grip. Different roller thicknesses accommodate varying spline diameters.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27K1	3/32" (2.4 mm)	1-1/2" (38.1 mm)
27K6	3/32" (2.4 mm)	2" (50.8 mm)
27K2	1/8" (3.2 mm)	1-1/2" (38.1 mm)
27K7	1/8" (3.2 mm)	2" (50.8 mm)
27166	1/8" (3.2 mm)	3" (76.2 mm)
27K8	5/32" (4.0 mm)	2" (50.8 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Single Round Edge Nylon Wheel Screen Roller

- Most Popular for Fiberglass Screen Wire



Round

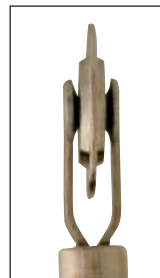
Nylon Round Edge Roller for screen wire insertion into screen frame. Nylon ball bearing roller riveted to a steel yoke. Finished wood handle with contour grip.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27S5N	1/16" (1.6 mm)	2-1/2" (63.5 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Single Round Edge Steel Wheel Screen Roller

- Five Size Combinations to Choose From
- Steel Ball Bearing Wheel



Round

Steel Round Edge Rollers for screen wire insertion into screen frame. Steel ball bearing roller riveted to a steel yoke. Finished wood handle with contour grip. Varying roller thicknesses to accommodate any size screen frame.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27S1	1/16" (1.6 mm)	2" (50.8 mm)
27S5	1/16" (1.6 mm)	2-1/2" (63.5 mm)
27166RN	1/16" (1.6 mm)	3" (76.2 mm)
27S6	3/32" (2.4 mm)	2-1/2" (63.5 mm)
27S7	1/8" (3.2 mm)	2-1/2" (63.5 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Steel Flat Edge Roller

- 2" (50.8 mm) Wide Roller for Smoothing Flat Spline



Flat

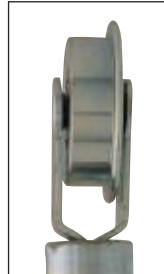
The 2" wide by 2" diameter steel ball bearing roller on our Flat Roller Tool is riveted to a steel yoke, and mounted to a contour-grip, finished wood handle. Use it to smooth out flat spline or glazing vinyl prior to insertion in the frame.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27FR5	2" (50.8 mm)	2" (50.8 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Steel Step Roller

- Two Tools in One
- Hardwood Handle



Step

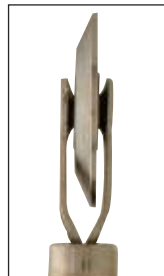
You get two tools in one with this CRL Step Tool. It combines the uses of a Bevel Roller Tool and a Flat Roller Tool. The steel ball bearing roller is mounted to a contour grip hardwood handle.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27S3	1/16" (1.6 mm)	2" (50.8 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Steel Bevel Roller

- Comfortable Contoured Grip Hardwood Handle



Bevel

Use the CRL Bevel Roller Tool to roll glazing vinyl into channels, and screen spline into the screen frame. The steel ball bearing roller is mounted to a contoured grip hardwood handle.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27S2	1/16" (1.6 mm)	2-1/4" (57.1 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Combination Spline Roller and Screen Wire Cutter

- Designed for Speed and Efficiency
- Choose From Nylon or Steel Roller Models



Concave

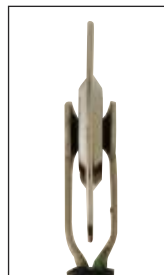
Get two uses out of the CRL Combination Spline Roller and Screen Wire Cutter. Use one end to roll fiberglass screen into the frame, and the other to cut excess screen off as the spline is installed. Available with two roller sizes in either nylon or steel.

CAT. NO.	ROLLER	ROLLER THICKNESS	ROLLER DIAMETER
K6N96	Nylon	3/32" (2.4 mm)	2" (50.8 mm)
K7N96	Nylon	1/8" (3.2 mm)	2" (50.8 mm)
K696	Steel	3/32" (2.4 mm)	2" (50.8 mm)
K796	Steel	1/8" (3.2 mm)	2" (50.8 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Combination Spline Roller and Shear Tool

- Steel Blade Cuts Screen Wire, Spline, and Glazing Vinyl



Round

Roll screen spline into your frame and cut it off at the correct length with the CRL Spline Roller and Shear Tool. You can also use the precision round steel blade to cut screen wire, glazing vinyl, etc.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
P1S5	1/16" (1.6 mm)	2-1/2" (63.5 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Nylon Replacement Wheels for Spline Roller Tools

- Fully Raced Ball Bearing Inserted Into Nylon Wheel
- Includes Replacement Axle
- Two Hub Thicknesses

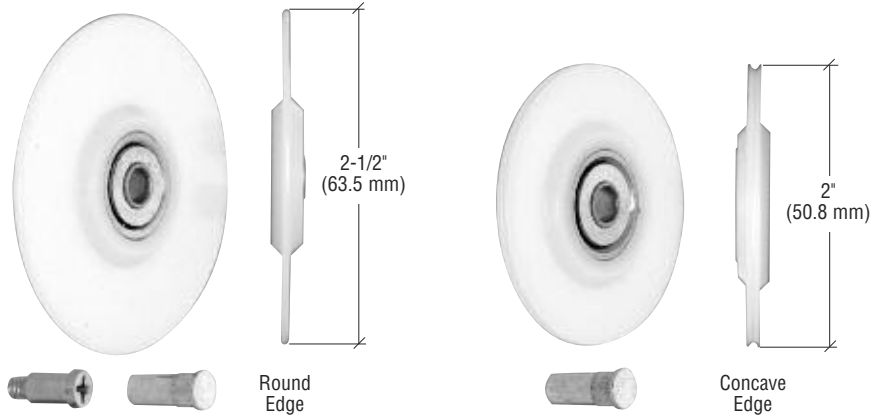
CRL Nylon Replacement Wheels are fitted with a fully raced ball bearing. Supplied with the wheel are both a Phillips head threaded shoulder bolt and press-fit solid axle rivet so the wheels of all styles of Screen and Spline Roller Tools can be replaced.



Narrow Fork

Wide Fork

Correct replacement wheel identification must be done by matching the wheel fork of your existing tool with the appropriate hub thickness.



NARROW FORK CAT. NO.	WIDE FORK CAT. NO.	WHEEL TYPE	WHEEL THICKNESS	WHEEL DIAMETER
REPS5N	WREPS5N	Round Edge	1/16" (1.6 mm)	2-1/2" (63.5 mm)
REPK6N	WREPK6N	Concave Edge	3/32" (2.4 mm)	2" (50.8 mm)
REPK7N	WREPK7N	Concave Edge	1/8" (3.2 mm)	2" (50.8 mm)
REPK9N	---	Concave Edge	3/16" (4.8 mm)	2" (50.8 mm)

Minimum order: 1 each.

CRL Vinyl Roller Tools

- Knurl Diamond Grip and a Ball Bearing Wheel



VR17 Extra Long Vinyl Roller Tool

VR04 Standard Vinyl Roller Tool

VR10 Blue Handle Vinyl Roller Tool



CRL Vinyl Roller Tools aid in the insertion of Glazing Vinyls and Gaskets in window assemblies and heavy aluminum base shoe. Choose from three models, including our extra long Cat. No. VR17 with the two-handed grip.

CAT. NO.	DESCRIPTION
VR17	Extra Long 17" (432 mm) Vinyl Roller
VR04	Standard 11" (279 mm) Vinyl Roller
VR10	Blue Handle 11" (279 mm) Vinyl Roller
VR10RW	Replacement Wheel for VR10

Minimum order: 1 each.

CRL Heavy-Duty Screen Shears

- For Fiberglass and Aluminum Screen Wire
- Comfortable, Balanced Grip

These Heavy-Duty Screen Shears speed the assembly time when fabricating screens. The comfortable grip and 10" (254 mm) blades cut aluminum and fiberglass screen easily. Minimum order is one each.



CAT. NO. P8062

CRL Euro Screen Shears

- For Fiberglass and Aluminum Screen Wire

new

European-made Shears have tempered stainless steel 10" (254 mm) blades to cut aluminum and fiberglass screen cloth. Non-handed, oversized, rubberized grips for maximum comfort and control. Minimum order is one each.



CAT. NO. P8377

CRL Power Tape Rules

- Professional Quality
- Three Lengths and Two Blade Widths Available
- Ultra Rigid Steel Blades With Two Color Markings
- Positive Lock Button

These CRL Power Tape Rules have an ergonomic case design with a molded rubber grip that provides for both user comfort and durability. Nylon coated, two-color blades have 16" stud markings and feature a triple rivet hook connection. An active bumper protects both the blade and rivets from retraction shock, ensuring long blade life.



CAT. NO.	BLADE LENGTH	BLADE WIDTH
54112	12'	5/8"
54125	25'	1"
54133	33'	1"

Minimum order: 1 each. All Tape Rules can be combined for quantity pricing.

CRL 25' Ultimate Tape Rule

- Ergonomic Case for Exceptional Comfort and Secure Grip
- Ultra-Rigid 1" Wide Steel Blade With Large Easy-to-Read Numbers

This CRL Ultimate Tape Rule has an innovative inline gear which allows it to fit perfectly in your hand for exceptional comfort and a secure grip. The nylon coated, 25' two-color blade has 16" stud markings and features a triple rivet hook connection. An active bumper protects both the blade and rivets from retraction shock, ensuring long blade life.



CAT. NO.	BLADE LENGTH	BLADE WIDTH
54225	25'	1"

Minimum order: 1 each. All Tape Rules can be combined for quantity pricing.

CRL Laser Distance Measurer

- Measurements Up to 100'
- Accuracy to 1/8" at 100'

The CRL Prexiso X2 Laser Distance Measurer will measure distances in feet-inches, inches or meters from 4" to 100'. It is accurate to 1/8" or better over entire range. This unit is designed for indoor and limited outdoor applications. The Prexiso X2 is also able to measure and calculate areas and volumes. The bright laser beam and ergonomic, compact design make it easy to use. Carrying case included.



CAT. NO.	DESCRIPTION
3350	Prexiso X2 Laser

Minimum order: 1 each.

CRL Tele-Tape Measuring Sticks

- Three Lengths Offered
- Fractional and Metric Scale

The Tele-Tape Measuring Stick provides precise and reliable measurements whether used up or down, diagonally or flat. Simply extend the telescoping stick and read the measurement off an analog viewing window. The built-in measuring tape and the oversized roll-up device are very tough, and can withstand extreme strain.



CAT. NO.	MINIMUM/MAXIMUM MEASURING LENGTH
TTE118	28" to 118"
TTE158	34" to 158"
TTE197	42" to 197"

Minimum order: 1 each. Sizes can be combined for quantity pricing.



Analog Display

CRL Accu-Rule Measuring Rods

- Lightweight and Easy to Use
- Available in Three Lengths
- Narrow Frame is Ideal for Measuring Inside Window and Door Openings
- Marked to 1/16th of an Inch

Take quick, accurate window and door frame measurements with the CRL Accu-Rule Measuring Rod. Especially helpful for long or tall measurements, where common tape measures may bow or bend. The Accu-Rule is a two-piece heavy extruded aluminum telescoping slide with an accurate tape measure permanently affixed to the inner slide. What makes this tool exceptionally helpful for the window and door installer is the 3/8" (9.5 mm) thickness of the slide, which is thin enough to fit into most window and door frames. Both inner and outer slides are satin anodized to protect against corrosion, allowing the slide to operate freely for years. The larger size Cat. No. P8064 is an ideal tool for screen door installers.



CAT. NO.	MINIMUM/MAXIMUM MEASURING LENGTH
P8066	20" to 32" (508 to 813 mm)
P8065	30" to 60" (762 to 1524 mm)
P8064	60" to 119" (1524 to 3022 mm)

Minimum order: 1 each.

CRL Prosnip Offset Snips

- Models to Cut Left or Right

These Offset Snips are designed to cut all types of screen cloths, including bronze, galvanized and stainless steel screen mesh. The curved handle design keeps your hand safely above the cutting surface.



CAT. NO.	DESCRIPTION
20SL	Left Cutting
20SR	Right Cutting

Minimum order: 1 each. Can be combined for quantity pricing.

CRL Screen Advertising Banner

- Advertise Your Screen Capabilities
- Attractive and Effective

Make certain that all customers visiting your shop are aware of your screen fabricating capabilities. CRL's bright yellow 24" x 96" (610 X 2438 mm) Screen Advertising Banner is sure to get attention. The Banner can be displayed indoors or outdoors. Reinforced holes provide quick and easy hanging.

CAT. NO.	SIZE
P8080	24" x 96" (610 x 2438 mm)

Minimum order: 1 each.

CRL Scrape and Pry Bar

- Our Most Popular Pry Tool is Ideal for Pulling Nails, Prying, Lifting, Scraping, and Much More
- Made of Hardened, Tempered Steel



The CRL Scrape and Pry Bar is a versatile tool made of the finest hardened, tempered tool steel. Both ends are chisel ground, 1-3/4" (44 mm) wide, for scraping or prying. One end has a 50 degree angle bend and nail puller hole. Our most popular model, just the right size for your tool box. Minimum order is one each.

CAT. NO. 4050



CRL Screen Table and Table Tower Kits

- Boltless Metal Framing Locks Into Place With the Tap of a Mallet
- Designed for Use With 3/4" Particleboard or Plywood (Not Included)
- Comfortable 36" (194 mm) Working Height
- Adjustable Shelf Height for Storing Screen Supplies
- Table or Tower Kits Ship U.P.S. in One Carton

You always wanted a table that would not just allow you to do your screening, but would also allow for storage of screen wire and other materials needed. You've seen them in other shops, but have put it off, thinking that you do not want to pay the freight on a fabricated table, or put up with the hassle of sending drawings and specs to a manufacturer to have one custom built.

Now with one call to CRL, we can ship our Screen Table Kit to you via U.P.S. oversized. The CRL Screen Table Kit, when assembled, will provide you with a table surface of 32 square feet (2.97 sq. mtrs.), and 64 square feet (5.95 sq. mtrs.) of storage area. Upon arrival all you have to do is tap the framework together, add 48" x 96" (1.2 x 2.4 m) pieces of particleboard or plywood, which you provide, and you are ready to go.

The Table Tower Kit (sold separately) is a perfect addition to your new Screen Table. The Tower keeps screen wire up to 48" (1.22 m) wide and spline (both sold separately) right at your fingertips. This easily installed kit ships in one carton which is sent via U.P.S. oversized.



CAT. NO.	DESCRIPTION
P8060R	Screen Table Kit
P8076R	Table Tower Kit

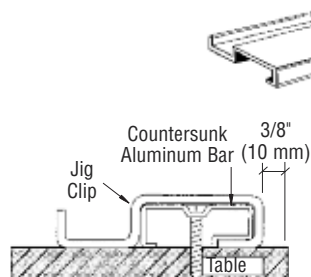
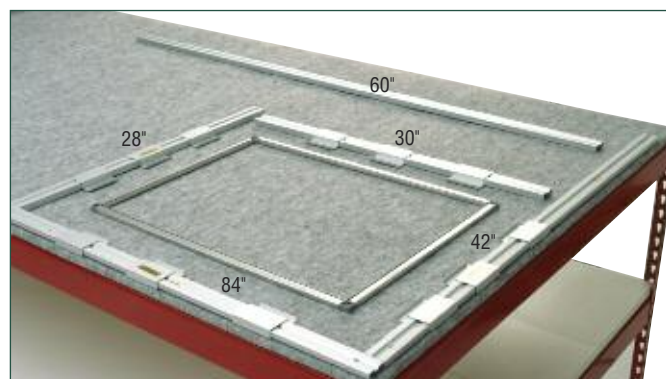
Minimum order: 1 each.

CRL Screen Table Jig Set

- Allows Screen Frame to be Held Firmly and Squarely in Place While Installing Screen Wire

The CRL Screen Table Jig Set makes fabricating window screens easier because it keeps the screen frame square and prevents "Hour Glass" bow-in. The Set has six extruded aluminum Jig Bars. Three Bars are floaters, and three are stationary. One is 42" (1.06 m) for the short end of the table, and two are to be mounted end to end with a steel splice (included) for the 96" (2.44 m) long side of the table. This allows the Jig Set to ship standard U.P.S.

The Kit also includes 12 each 3/4" (19 mm) Jig Clips. Once the two Stationary Bars are mounted to the table, slip three Clips onto each side. Pick the appropriate floater bar lengths (depending on screen size), and slip three Clips onto each. Lay the frame onto the table so that the frame engages all 12 Clips. Arrange the Clips on each Bar so that one Clip is at the far end of the screen frame, and one Clip is in the middle of the frame. This center Clip does the work by holding the frame as straight as the Jig Bar and preventing bow in. Extra Jig Clips are available for either 3/4" (19 mm) or 1" (25 mm) frame.



Additional Jig Clips are available for 3/4" (19 mm) or 1" (25 mm) Screen Frame.

CAT. NO.	DESCRIPTION
P7924	Screen Table Jig Set
P7932	Set of Four 3/4" (19 mm) Jig Clips
P7933	Set of Four 1" (25 mm) Jig Clips

Minimum order: 1 each.

CRL E-Z Slide Cut-Off Gauge

- Fast and Accurate Lineal Measuring
- Measures Stock Lengths from 6" (152 mm) to 108" (2.74 m)
- Easy-to-Read Measurement Indicator
- Made of Extruded Aluminum
- Choose From Left Hand or Right Hand Models

The CRL E-Z Slide Cut-Off Gauge provides accurate lineal cuts with fast length change capability. Simply lift and slide the bar clamp to the appropriate dimension and flip the slide bar clamp to secure the stop.

All measurements are read directly in front of the chop saw for maximum operator efficiency. The stop arm allows you to cut multiple same length pieces with one cut. Stock lengths from 6" (152 mm) to 108" (2.74 m) can be measured.

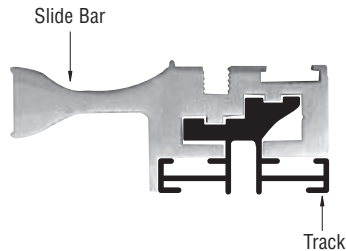
The CRL E-Z Slide Cut-Off Gauge mounts easily to your existing bench or our Cat. No. P8061R Miter Saw Table Kit shown at the bottom of this page. Full mounting instructions are included.



Left Hand E-Z Slide Cut-Off Gauge Cat. No. P7926 Shown.



Measurement Indicator



NOTE: Recommended gauge selection if the operator is left-handed, order a Cat. No. P7925 Right Hand Cut-Off Gauge. If the operator is right-handed, order a Cat. No. P7926 Left Hand Cut-Off Gauge.

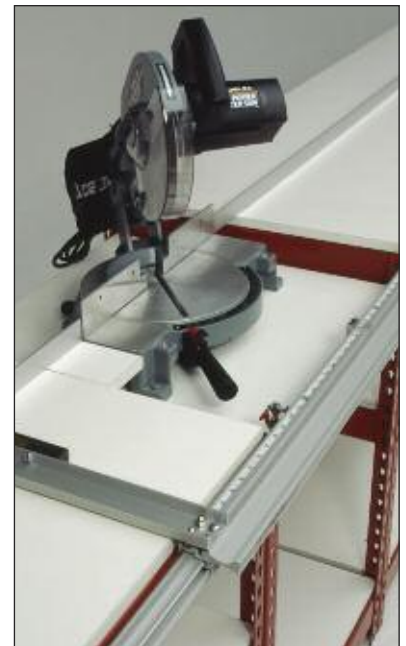
CAT. NO.	DESCRIPTION
P7925	Right Hand E-Z Slide Cut-Off Gauge
P7926	Left Hand E-Z Slide Cut-Off Gauge
P7927	Right Hand Cut-Off Gauge Replacement Tape
P7928	Left Hand Cut-Off Gauge Replacement Tape

Minimum order: 1 each.

CRL Miter Saw Table Kit

- Sturdy Painted Steel Framing Locks Into Place With the Tap of a Mallet – No Bolts Required!
- All You Supply is 1/2" or 3/4" (12 or 19 mm) Plywood or Particleboard and Your Miter Saw
- Work Surface Height is 36" (914 mm), Middle Shelf Height is Adjustable

Here is a quick, easy way to make the cutting area in your shop more efficient. The CRL Miter Saw Table Kit ships to you conveniently via U.P.S. oversized in three cartons. Once assembled the 18' (5.48 m) table can handle just about any cutting need. It has a comfortable 36" (914 mm) work height, and the 24" (610 mm) depth allows you plenty of table surface to work on. The additional cross members let you convert this space into usable storage for your supplies and tools. The only items you need to provide are the pieces of 1/2" or 3/4" (12 or 19 mm) particleboard or plywood and your miter saw.



CAT. NO. P8061R

Shown with E-Z Slide Cut-Off Gauge, which must be ordered separately

CRL Snow Cut-Off Gauge and Accessories

- Sets and Locks in a Single Operation
- Provides Precise Accuracy
- Cut Any Angle
- Made of Solid Steel



Measuring Tape



Indicator Plate

The Snow Cut-Off Gauge measures from 0" to 108" (2.75 m) with hairline accuracy without the operator changing position. Just raise operating bar, slide to desired length, drop bar and gauge is locked in position. It is installed on the front of your existing bench. Stop arms designed for easy removal, leaving the bench top clear and giving you a "straight edge" stop the full width of your bench, allow you to cut more than one piece at a time.

It speeds production because it's fast, accurate, and easy to use. Positive setting eliminates unnecessary set-up time, and a measuring scale is visible at all times. Gauge is set and secured in position by positive locking steel cams controlled by an operating bar directly in front of the operator. Can be easily installed on your existing bench whether on a solid or roller top. Just attach a 3/8" (9.5 mm) spacer, then a straight two by four along the face of the bench, install gauge on the top of the two by four, mount the gauge indicator at the cutting line, and you're ready to start cutting. The Snow Cut-Off Gauge features heavy steel construction for a long, rugged life and can be used indoors or out.



Snow Cut-Off Gauge in Installed Position

CAT. NO.	DESCRIPTION
M6ML	Left Hand 90 Degree Snow Cut-Off Gauge
M6MR	Right Hand 90 Degree Snow Cut-Off Gauge
AP63L	Left Hand Measuring Tape
AP63R	Right Hand Measuring Tape
AP69	Indicator Plate

Minimum order: 1 each.

CRL Portable Miter Saw Table Kit

- 35-1/4" Wide x 16-1/2" Deep x 44-1/2" High (895 x 419 x 1130 mm) When Hinged Extensions are Folded
- 102" (2590 mm) Maximum Width With Extensions Open
- Left Side Fence Calibrated for Miter Cuts; Right Side for Square Cuts
- Built-In Adjustable Measuring Device for Extended Length Measuring
- Easy Rolling Lockable Casters

Want to be able to move your miter saw around the shop or use it efficiently on the job site? CRL has just what you need with our Portable Miter Saw Table Kit. The table has a fence clamp for accurate measurements. The built-in adjustable measuring device allows for extended length measuring. The table arrives at your shop partially assembled. All you need to add is your miter saw. Table height is adjustable to match several brands of miter saws. Minimum order is one each.

NOTE: Table Kit can ship via U.P.S. at 'oversize' rates.



Miter Saw Not Included

- Some Assembly Required

CAT. NO. P8077R

CRL 10" High Speed Saw Blade

- 200 Teeth to Produce Burr-Free Cuts
- Long Lasting High Speed Steel

This 10" Hollow Ground High Speed Steel Saw Blade is designed for cutting thin-walled aluminum screen frame. The 200 teeth produce clean, burr-free cuts. Minimum order is one each.



CAT. NO. SHS10X200

CRL WINDOW SCREEN COMPONENTS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

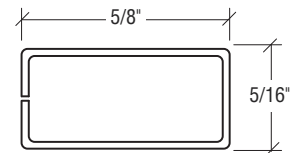
CRL 5/8" x 5/16" Roll Formed Aluminum Spreader Bar

- Prevents Screen Frame From Bowing In
- Easy to Install
- Three Finishes to Choose From

5/8" x 5/16" (15.9 x 7.9 mm) box type Spreader Bar made of .025 mil (.64 mm) thickness roll formed aluminum. Adds rigidity and strength to large size screens. Almost always installed across the mid-point of the screen's longest side. Installs with our Cat. No. WSC112 Spreader Bar Clips.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSSB58M	Mill	12' 2" (3.7 m)	50
WSSB58GRY	Gray	12' 2" (3.7 m)	50
WSSB58BRZ	Bronze	12' 2" (3.7 m)	50
WSSB58W	White	12' 2" (3.7 m)	50

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



CAT. NO.	FINISH	DESCRIPTION
WSC112	Mill	Spreader Bar Clips

Minimum order: 100 each. Must be ordered in increments of 100.

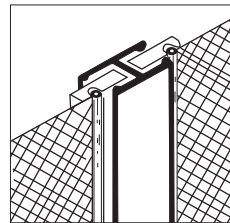
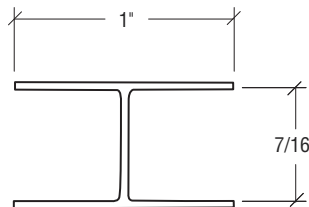
CRL 7/16" Extruded Aluminum Splicing Bar

- Extruded Aluminum for Superior Strength
- Accepts All 7/16" (11.1 mm) Box Type Screen Frame
- Three Finishes to Choose From

1" (25.4 mm) face width with 7/16" (11.1 mm) inside channel width "H" shaped screen Splicing Bar made from .045 mil (1.1 mm) thickness extruded aluminum. Used to splice two or more screens together. **NOTE:** Splicing Bar is not cambered.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSHB7A	Mill	12' 2" (3.7 m)	50
WSHB7BRZ	Bronze	12' 2" (3.7 m)	50
WSHB7W	White	12' 2" (3.7 m)	50

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



FINISHES **new**



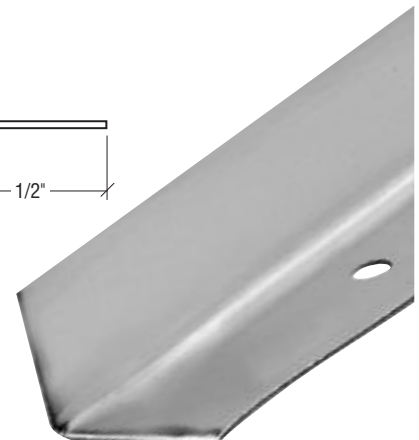
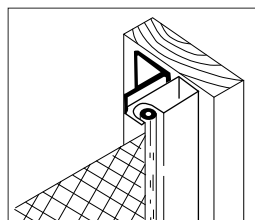
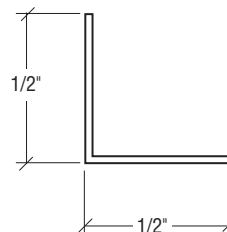
CRL 1/2" x 1/2" Roll Formed Aluminum Angle Stop

- Typical Applications Include Using as a Back Stop for Flush Screen Frame Installations
- Pre-Punched for Fasteners

1/2" x 1/2" (12.7 x 12.7 mm) Angle Stop is made of .025 mil (.64 mm) thickness roll formed aluminum. Pre-punched 1/8" (3.2 mm) holes every 6" (152 mm). Used as a back-stop for flush screen installations. Available in mill finish only.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSAS12M	Mill	12' (3.6 m)	50

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



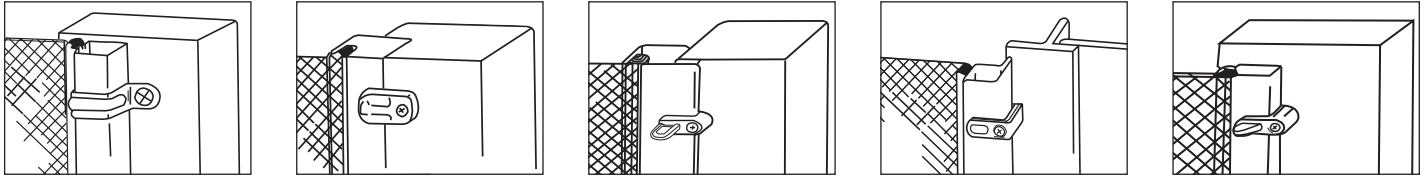
C.R. LAURENCE COMPANY

crlaurence.com | usalum.com

ALUMINUM 172W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL WINDOW SCREEN COMPONENTS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover



Typical Applications for Window Screen Clips

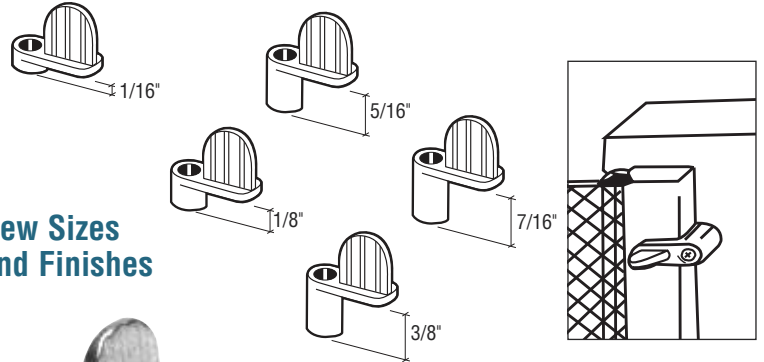
CRL Die Cast Wing Clips

CRL Die Cast Wing Clips secure screens or storm panels to wood or metal frames. They are simple to mount, and turn for easy removal of panels. Made of Zamac alloy metal that will not rust or corrode. Clips are available in bulk packages of 100 each or on cards of 12 with screws.

BULK – 100 PER CONTAINER (WITHOUT SCREWS)

ZINC CAT. NO.	BLACK CAT. NO.	WHITE CAT. NO.	SIZE	SCREW CODE
WSC310	WSC310BL	WSC310W	Flush	A
WSC311	WSC311BL	WSC311W	1/16"	A
WSC312	WSC312BL	WSC312W	1/8"	A
WSC313	WSC313BL	WSC313W	3/16"	A, F
WSC314	WSC314BL	WSC314W	1/4"	A, F
WSC315	WSC315BL	WSC315W	5/16"	A, D, F
WSC316	WSC316BL	WSC316W	3/8"	B, D, F
WSC317	WSC317BL	WSC317W	7/16"	B, D, G
WSC318	WSC318BL	WSC318W	1-3/16"	E, H

• New Sizes and Finishes



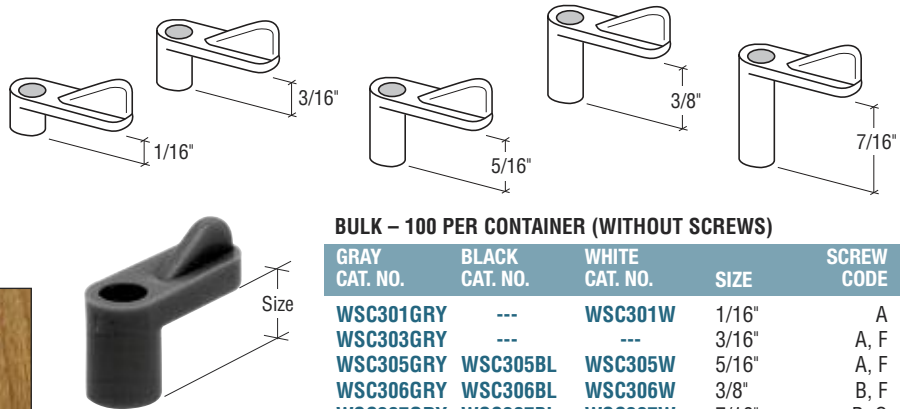
12 PER CARD (WITH SCREWS)

ZINC CAT. NO.	BRONZE CAT. NO.	WHITE CAT. NO.	SIZE
L5503	L5588	L5613	5/16"
L5505	L5590	L5615	7/16"
L5606	L5607	L5616	1-3/16"

CRL Plastic Wing Clips

- For Screens or Storm Panels
- Corrosion and Rust Resistant

CRL Plastic Wing Clips will accommodate both screens and storm window panels. They will not rust and are corrosion resistant. Clips are attached to the window frame with a Pan Head Phillips Sheet Metal Screw for wood, or a Pan Head Phillips Machine Screw for metal frames (see below).



BULK – 100 PER CONTAINER (WITHOUT SCREWS)

GRAY CAT. NO.	BLACK CAT. NO.	WHITE CAT. NO.	SIZE	SCREW CODE
WSC301GRY	---	WSC301W	1/16"	A
WSC303GRY	---	---	3/16"	A, F
WSC305GRY	WSC305BL	WSC305W	5/16"	A, F
WSC306GRY	WSC306BL	WSC306W	3/8"	B, F
WSC307GRY	WSC307BL	WSC307W	7/16"	B, G

CRL Clip Screws for Thin Metal or Wood

Match the screw code to the Screen Clip you select for secure installations. There are 100 per tub, or you can order bulk packs of 1,000 each.

CAT. NO.	SIZE	SCREW CODE
8X58PHPSMS	8 x 5/8"	A
8X34PHPSMS	8 x 3/4"	B
10X34PHPSMS	10 x 3/4"	C
10X1PHPSMS	10 x 1"	D
10X2PHPSMS	10 x 2"	E



Pan Head Phillips Sheet Metal Screws

CRL Clip Screws for Steel Sash Windows

These Self-Tapping Machine Screws are used to mount Clips to steel casement windows. There are 100 per tub, or you can order bulk packs of 1,000 each.



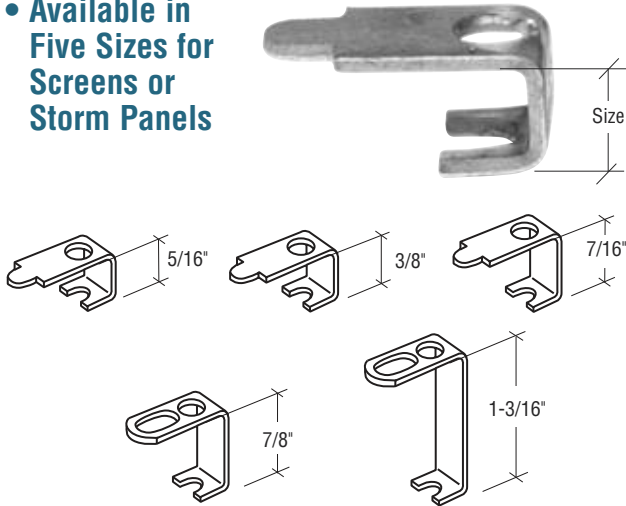
Pan Head Phillips Self-Tapping Machine Screws

CAT. NO.	SIZE	SCREW CODE
1024X58PHPTS	10-24 x 5/8"	F
1024X34PHPTS	10-24 x 3/4"	G
1024X158PHPTS	10-24 x 1-5/8"	H

Hardware on this page is packaged in packs and bulk. Minimum order for packaged hardware: 1 pack. All packaged hardware can be combined for quantity pricing. Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100. All bulk hardware can be combined for quantity pricing.

CRL Aluminum Casement Clips

- Available in Five Sizes for Screens or Storm Panels



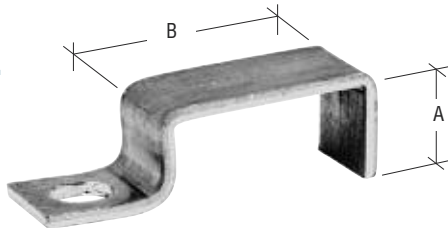
CRL Aluminum Casement Clips are designed to hold screens and storm panels in casement windows. These mill finish Aluminum Clips are rust and corrosion resistant. Using Pan Head Phillips Sheet Metal Screws for wood, or Pan Head Phillips Machine Screws for metal frames, the Clips are first secured to the window frame, and then turned to secure the screen or storm panel.

BULK – 100 PER CONTAINER (WITHOUT SCREWS)

CAT. NO.	SIZE	SCREW (WOOD)	SCREW (METAL)
WSC325M	5/16"	10X34PHPSMS	1024X58PHPTS
WSC326M	3/8"	10X1PHPSMS	1024X58PHPTS
WSC327M	7/16"	10X1PHPSMS	1024X58PHPTS
WSC334M	7/8"	10X112PHPSMS	1024X114PHPTS
WSC339M	1-3/16"	10X2PHPSMS	1024X158PHPTS

CRL Aluminum Stretcher Clips

- For Screens in Awning or Casement Windows



CRL Aluminum Stretcher Clips are made of corrosion resistant mill finish aluminum. They are designed to hold tension in screens installed in awning and casement windows.

12 PER CARD (WITH SCREWS)

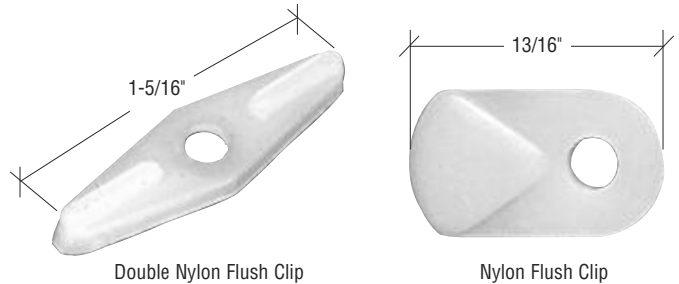
CAT. NO.	"A" DIM.	"B" DIM.
L5578	5/16"	5/8"

BULK – 100 PER CONTAINER (WITHOUT SCREWS)

CAT. NO.	"A" DIM.	"B" DIM.	SCREW (WOOD)
WSC395	3/8"	3/4"	10X12PHPSMS

CRL Nylon Flush Clips

- Now in a Choice of Colors



CRL Nylon Flush Clips are designed for flush installations. Install using a No. 6 Phillips Pan Head Sheet Metal Screw for wood, or a No. 6-32 Phillips Pan Head Machine Screw for metal frame. Clips are fastened to the window frame and turned to secure the screen frame or to allow for easy removal. They will not rust and are corrosion resistant.

BULK – 100 PER CONTAINER (WITHOUT SCREWS)

CAT. NO.	TYPE	COLOR
WSC375	Double Nylon Flush	White
WSC380	Nylon Flush	White
WSC380BL	Nylon Flush	Black

CRL Clear Plastic Wing Clip

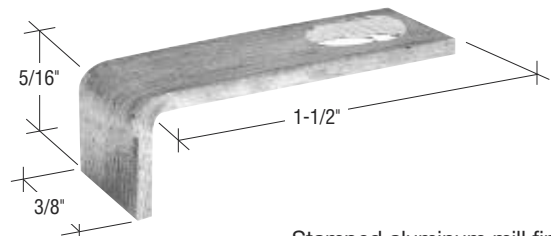
Clear plastic Wing Clip is extra long for mounting standoff type aluminum screen frame.



BULK – 100 PER CONTAINER (WITHOUT SCREWS)

CAT. NO.	COLOR	SCREW (WOOD)
V720D	Clear	10X12PHPSMS

CRL Aluminum Stretcher Clip



Stamped aluminum mill finish Stretcher Clips designed to hold tension in screens installed in awning and casement windows. Packaged with screws.

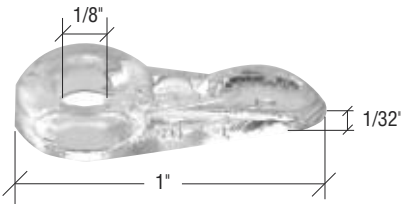
CAT. NO.	QTY/PKG
L5678	12

Hardware on this page is packaged in packs and bulk. Minimum order for packaged hardware: 1 pack. All packaged hardware can be combined for quantity pricing. Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100. All bulk hardware can be combined for quantity pricing.

CRL Clear Panel Clip

- Can Be Used for Glass or Wood Panels

Crystal clear plastic Panel Clips are ideal for retaining glass or wood panels. Attach Clip using Cat. No. 8X58PHPSMS Phillips Pan Head Screws (sold separately).

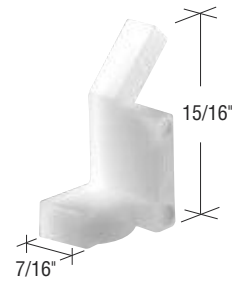


CAT. NO.	COLOR	QTY/PKG
WSC370	Clear	100 Bulk

CRL Screen Swivel Clip

- Fits Windows By Acorn

White plastic Swivel Clip is designed to fit windows by Acorn. Complete with 5-40 x 5/8" Phillips Pan Head Screws.

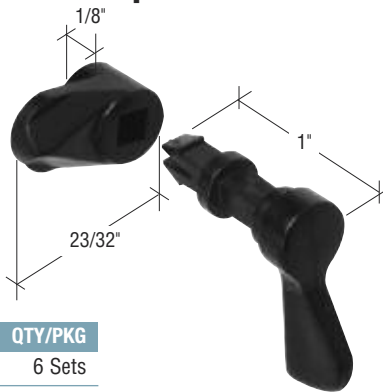


CAT. NO.	COLOR	QTY/PKG
L5707	White	4

CRL Two-Piece Flush Clip

- Fits Windows By Arcadia

Black molded plastic two-piece Flush Clip that snaps together. Designed for use on Arcadia Windows.

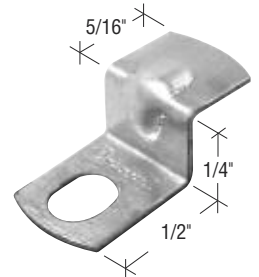


CAT. NO.	COLOR	QTY/PKG
L5568	Black	6 Sets

CRL Offset Clip

- For Screens or Storm Panels

Stamped Offset Aluminum Clips are corrosion resistant and are excellent for attaching storm panels or screens. Attach Clip using Cat. No. 8X12PHPSMS Phillips Pan Head Screws (sold separately).

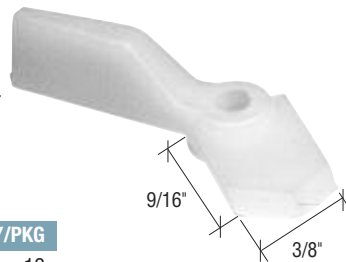


CAT. NO.	FINISH	QTY/PKG
WSC390	Mill	100 Bulk

CRL Angled Swivel Clip

- Can Be Used for Screens or Storm Panels

Molded plastic Angled Swivel Clips are designed to hold either screen or storm panels in place. Comes with a No. 4 x 3/4" Phillips Screw.

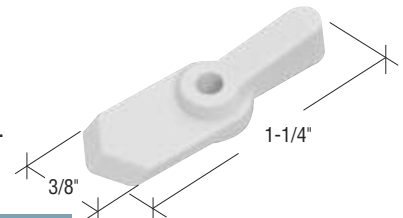


CAT. NO.	COLOR	QTY/PKG
L5617	White	12

CRL Pointer Style Swivel Clip

- Holds Both Screens or Storm Panels

Molded Plastic Swivel Clips are designed to hold either screen or storm panels in place. Comes with a No. 4 x 1/2" Phillips Screw.

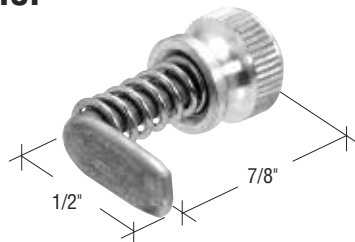


CAT. NO.	COLOR	QTY/PKG
L5759	White	12
L5760	Black	12

CRL Screen Retainer

- Locks Screens Into Hopper Windows

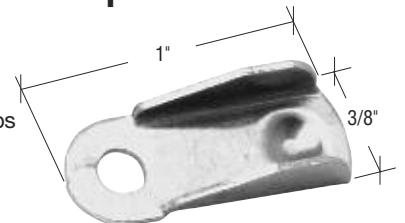
Die cast threaded Screen Retainer locks screens into hopper windows.



CAT. NO.	FINISH	QTY/PKG
PL7928	Aluminum	2

CRL Aluminum Flush Clip

Stamped aluminum Flush Clips are corrosion resistant and can be used for a large variety of purposes. Attach Clips using Cat. No. 8X12PHPSMS Philips Pan Head Screws (sold separately).



CAT. NO.	FINISH	QTY/PKG
WSC385	Mill	100 Bulk

Hardware on this page is packaged in packs and bulk. Minimum order for packaged hardware: 1 pack. All packaged hardware can be combined for quantity pricing. Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100. All bulk hardware can be combined for quantity pricing.

CRL WINDOW SCREEN COMPONENTS

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CRL Solar Screen Hanger Brackets

- Available in Three Finishes
- For Use With 7/16" Screen Frame

CRL stamped aluminum Solar Screen Hanger Brackets are packed in pairs. The deep bracket secures the screen at the top, and the shallow bracket is used to hold the screen at the bottom. Packaged two pair per poly bag with #6 Phillips Pan Head Sheet Metal Screws for mounting.

new



CAT. NO.	COLOR	QTY/PKG
WSC340M	Mill	2 Pair
WSC340BRZ	Bronze	2 Pair
WSC340W	White	2 Pair

Minimum order: 1 pack. Colors can be combined for quantity pricing.

CRL Adjustable Screen and Storm Panel Clamps

- Installs and Adjusts With Only a Slotted Screwdriver

A handy exterior clamp set that speeds screen or storm window installation. Screw-type clamp gives up to 3/4" adjustment. Merely insert plastic screw into threaded hole at bottom of clamp and secure to window jamb with metal screw. Swing clamp onto window jamb, place sash or screen in position. Swing clamp back over sash and snug down plastic screw.



PACKAGED SETS OF FOUR CLAMPS AND SCREWS

CAT. NO.	COLOR	QTY/PKG
TDK10BRZ	Bronze	4
TDK10W	White	4

Minimum order: 1 pack. Colors can be combined for quantity pricing.

BULK PACKAGED CLAMPS AND SCREWS

CAT. NO.	COLOR	QTY/PKG
TDK1050BRZ	Bronze	200
TDK1050W	White	200

Minimum order: 1 pack. Colors can be combined for quantity pricing.

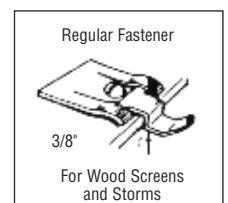
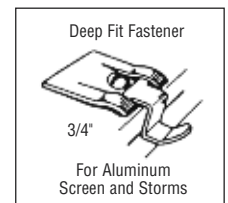
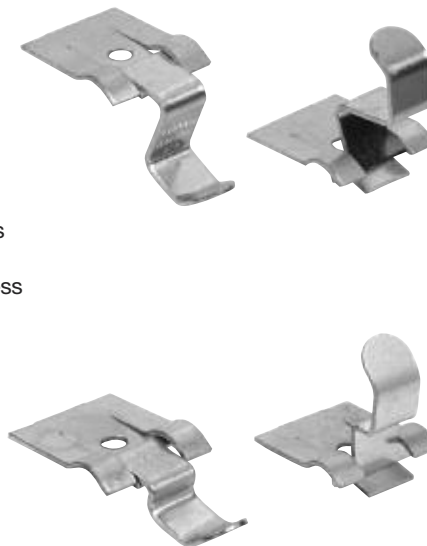
CRL Ludwig Snap Fasteners

- For Holding Wood or Aluminum Storm Windows and Screens

Made of hardened spring steel plated to resist rust and corrosion, these fasteners use spring tension to hold screens or storm windows firmly in place. They stop window rattling because they hold tight, and help save energy by keeping storm windows held snugly in place, reducing heat loss. Two types are available – regular Ludwig Fasteners are made to hold wood framed screens and storm windows; deep fit fasteners are designed to compensate for the difference in the thickness of wood window frames and thin aluminum screen or storm window frames. Use them on the side and top of windows, as a window safety lock, or for combination doors – and many other applications. Packed 1 gross (144) fasteners per box with screws.

CAT. NO.	TYPE	QTY/BOX
D435	Deep Fit Fastener	144
F144	Regular Fastener	144
SK25	Regular Fastener	4

Minimum order: 1 box, or 1 pack.



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CRL WINDOW SCREEN COMPONENTS

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CRL Window Screen Hardware Sets



This CRL Window Screen Hardware Kit contains everything you need for an aluminum window screen installation.

CAT. NO.	FINISH	QTY/PKG
WSC204M	Mill	100 Sets
WSC204GRY	Gray	100 Sets
WSC204BRZ	Bronze	100 Sets
WSC204W	White	100 Sets

• For 7/16" (11.1 mm) Window Screen Frame



EACH SET CONTAINS:

2 Pair Jiffy Hangers With Nails
2 Each Slip-On Bail Latches With Screw

CAT. NO.	FINISH	QTY/PKG
L5529	Mill	2 Sets
L5814	White	2 Sets

CRL Window Screen Hardware Kits

• For 3/8" (9.5 mm) Window Screen Frame



This CRL Window Screen Hardware Kit for 3/8" (9.5 mm) screen frame is popular on double hung windows in the midwest and on the east coast.

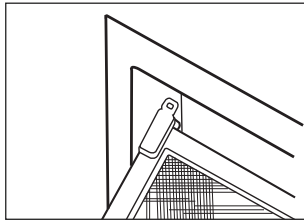


EACH SET CONTAINS:

1 Pair Jiffy Hangers With Nails
1 Each Spline Bail Latch With Screw

CAT. NO.	FINISH	QTY/PKG
L5747	Mill	1 Set
L5746	White	1 Set

CRL Jiffy Hangers



Used to support the upper part of a screen frame, the CRL Jiffy Hanger swivels out from the window frame to permit easy installation or removal of the screen. It is easily installed with our Cat. No. WST910 Nail Set. One pair of Jiffy Hangers is needed for each screen.

• For 7/16" (11.1 mm) Window Screen Frame



CAT. NO.	FINISH	QTY/PKG
WSC201M	Mill	100 Pairs
WSC201GRY	Gray	100 Pairs
WSC201BRZ	Bronze	100 Pairs
WSC201W	White	100 Pairs

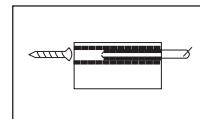
CRL Nail Set for Jiffy Hangers

• Only for 7/16" (11.1 mm) Jiffy Hangers

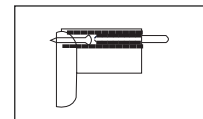
The handy CRL Nail Set Tool lets you install 7/16" (11.1 mm) Jiffy Hangers for window screens quickly and easily. Simply insert a nail into the shaft, position the nail tip over the hole of the hanger, place in the window frame and set the nail. Minimum order is one each.



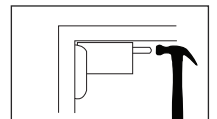
CAT. NO. WST910



1. Insert Nail into Tool



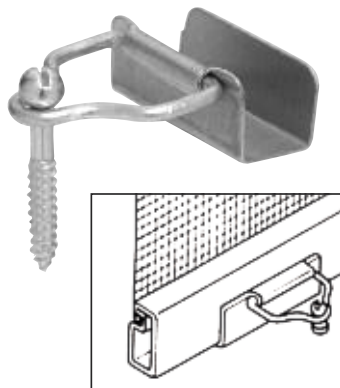
2. Attach Hanger



3. Place in Upper Corner and Set Nail

CRL Slip-On Bail Latch With Screw

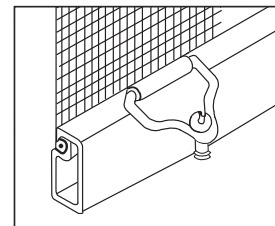
CRL Slip-On Bail Latches are used to hold the bottom of screens snug in window frames. The Bail Latch is slipped onto the bottom of the frame, and then the bail loop is slipped over the ball-headed screw to retain the screen.



CAT. NO.	FINISH	QTY/PKG
WSC202M	Mill	100 Sets
WSC202GRY	Gray	100 Sets
WSC202BRZ	Bronze	100 Sets
WSC202W	White	100 Sets

CAT. NO.	FINISH	QTY/PKG
L5552	Mill	4 Sets
L5815	Bronze	4 Sets
L5816	White	4 Sets

CRL Spline Bail Latch With Screw



The CRL Spline Bail Latch is hooked on the screen retainer spline channel of the screen frame to hold the bottom of the screen in the window frame. Insert the Ball Head Screw on the inner side of the sill, and then slip the Bail Loop over the screw.

• For Wood Window Frames

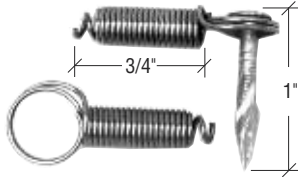
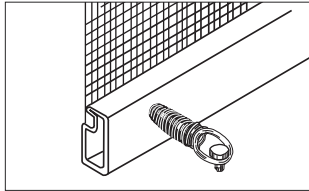
CAT. NO.	FINISH	QTY/PKG
WSC203M	Mill	100 Sets
L5554	Mill	4 Sets

Hardware on this page is packaged in packs and bulk. Minimum order for packaged hardware: 1 pack. All packaged hardware can be combined for quantity pricing. Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100. All bulk hardware can be combined for quantity pricing.

CRL Spring Latch With Nail

- Holds Bottom of Screen in Wood Window Frame

This CRL Spring Latch is a simple device for holding screens into the sill of wood window frames. Simply drill a 1/8" (3.2 mm) hole into the bottom of the screen frame and twist the Spring into the opening. Drive the Nail into the sill and slip the spring loop over the top of the Nail. The screen will fit tightly against the sill.



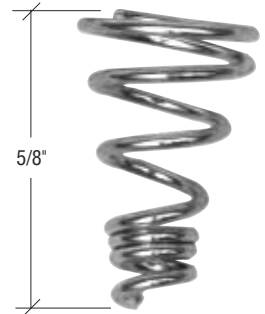
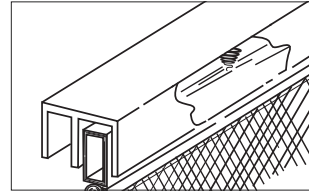
CAT. NO.	MATERIAL	QTY/BOX
WSC205M	Stainless Steel	100 Sets

Minimum order: 100 each.

CRL Coil Tension Spring

- Adds Tension to Secure Screen Frame

CRL Coil Springs add tension to secure window screens into the window frame channel. To install the Spring into the base of the screen frame, drill a 1/8" (3.2 mm) hole, twist in the Spring, and then slide the screen into the window channel.



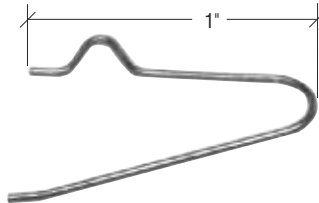
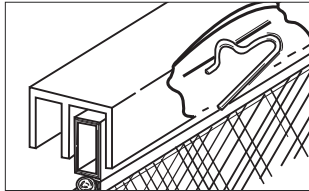
CAT. NO.	QTY/PKG
WSC415	100

Minimum order: 100 each.

CRL Wire Tension Spring

- Provides Tension to Keep Screen Frame Secure

CRL Wire Tension Springs provide necessary tension to keep screens held in metal window frames. To install simply make a notch in the screen using our Cat. No. WST901 Notching Tool (see page 182W) and insert the Spring.



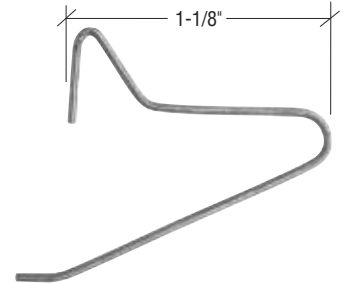
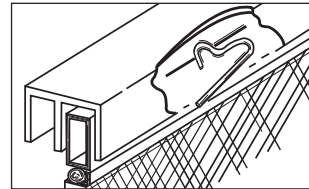
CAT. NO.	QTY/PKG
WSC405	100

Minimum order: 100 each.

CRL Wire Tension Spring

- Provides Tension to Keep Screen Frame Secure

This heavy-duty zinc plated Wire Tension Spring is similar to the WSC405, except these Springs do not have the extra leg extension, and therefore do not need as long a slot in the frame for mounting.



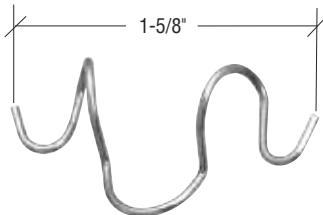
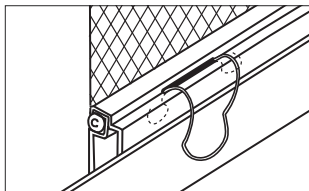
CAT. NO.	QTY/PKG
WSC408	100

Minimum order: 100 each.

CRL Rams Horn Tension Spring

- Applies Tension to Hold Screen Frame in Position

These steel wire "Rams Horn" Tension Springs are notched into the frame to secure them in the window channel.



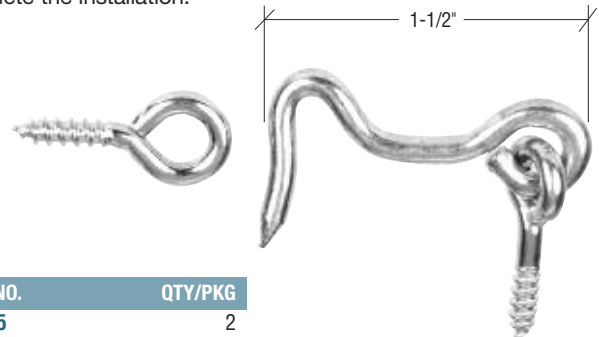
CAT. NO.	QTY/PKG
PL14853	50

Minimum order: 50 each.

CRL Hook and Eye

- For Wood Frame Screens

These CRL Screen Hooks are used as a bottom latch on traditional wood frame window screens. It can be used with a top hanger to complete the installation.



CAT. NO.	QTY/PKG
L5535	2

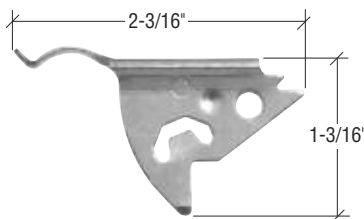
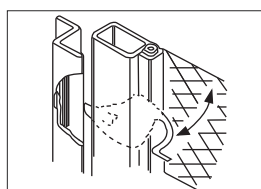
Minimum order: 1 pack.

Hardware on this page is packaged in packs and bulk. Minimum order for packaged hardware: 1 pack. All packaged hardware can be combined for quantity pricing. Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100. All bulk hardware can be combined for quantity pricing.

CRL Andersen Knife Latch

• Works in Andersen Windows

CRL's Cat. No. SB202 Knife Latches are designed to hold screen frames into Andersen Windows. The screen and window frame are first notched with a Cat. No. WST901 Notching Tool (see page 182W), and then the Knife Latch is inserted into the screen frame. Each pack contains one right hand and left hand latch. Minimum order is one pack.



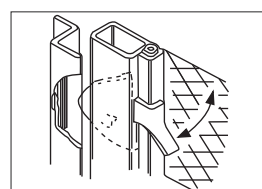
CAT. NO.	FINISH	QTY/PKG
SB202	Aluminum	1 Pair

Minimum order: 1 pack.

CRL Andersen Knife Latch

• Works in Andersen Windows

CRL's Cat. No. SB208 Knife Latches are designed to hold screen frames into Andersen Windows. The screen and window frame are first notched with a Cat. No. WST901 Notching Tool (see page 182W), and then the Knife Latch is inserted into the screen frame. Each pack contains one right hand and left hand latch. Minimum order is one pack.



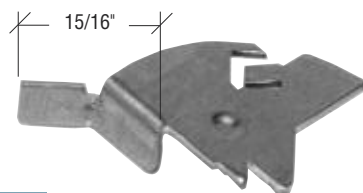
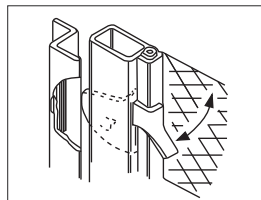
CAT. NO.	FINISH	QTY/PKG
SB208	Aluminum	1 Pair

Minimum order: 1 pack.

CRL Inside Blade Knife Latch

• Low Profile Latch

The CRL Inside Blade Knife Latches hold screen frames into window frames. The screen and window frame are first notched with a WST901 Notching Tool (see page 182W), and then the Knife Latch is inserted into the screen frame. The WSC530 contains 50 right hand and 50 left hand Latches. For smaller jobs the Latches are available in cards containing 3 pairs.



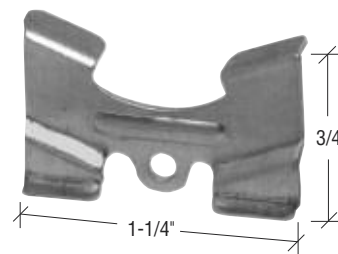
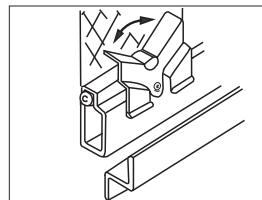
CAT. NO.	FINISH	QTY/PKG
WSC530	Aluminum	50 Pair
L5561	Aluminum	3 Pair

Minimum order: 100 each, or 1 pack.

CRL Rivet-On Swivel Latch

• Holds Screen Firmly to Sill

CRL Rivet-On Swivel Latches hold screen frame into window frame with a smooth swivel action. It is recommended to use a CRL Cat. No. ABA41PK Rivet to attach the Swivel Latch to the screen frame. The Rivet is not supplied in the package.



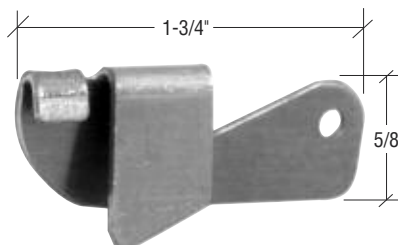
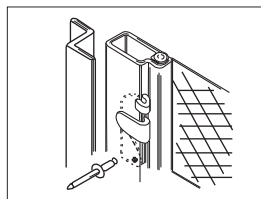
CAT. NO.	FINISH	QTY/PKG
WSC540	Aluminum	100

Minimum order: 100 each.

CRL Rivet-On Knife Latch

• Installs With Aluminum Rivet

CRL Rivet-On Aluminum Knife Latches hold screen frame into window frame. It is recommended to use a CRL Cat. No. ABA41PK Rivet (not supplied) to install the Latch. Packed in right hand and left hand pairs.



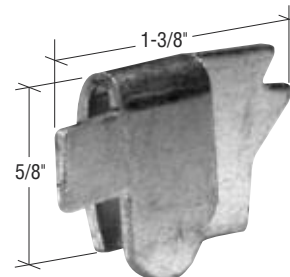
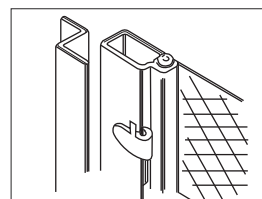
CAT. NO.	FINISH	QTY/PKG
WSC525	Aluminum	100 Pair

Minimum order: 100 pack.

CRL Snap-On Knife Latch

• Quick Snap-On Installation

CRL Snap-On Knife Latches hold screen frame into window frame. The screen frame is first notched with a WST901 Notching Tool (see page 182W), and then the Knife Latch is attached by simply sliding the latch on to the frame. A dimple on the Knife Latch holds it securely to the frame.



CAT. NO.	FINISH	QTY/PKG
L5543	Aluminum	6

Minimum order: 1 pack.

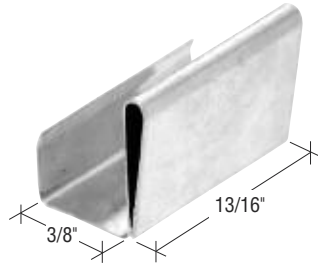
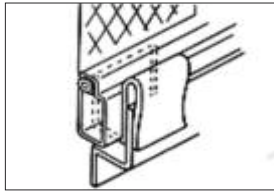
CRL WINDOW SCREEN COMPONENTS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 3/8" Metal Screen Retainer Clip

• Slip-On Spring Steel Clip is Easy to Install

The CRL Metal Retainer Clip slides over 3/8" (9.5 mm) screen frame to hold it in an aluminum window frame. The Clip is made of spring steel, and will hold the screen frame snug against the window frame.

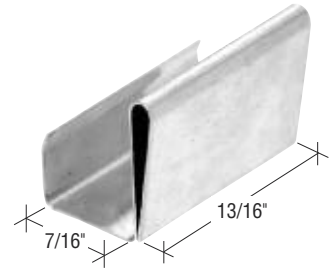
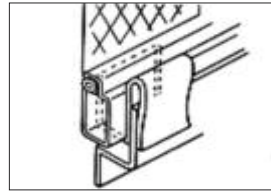


CAT. NO.	FINISH	QTY/PKG
WSC505	Aluminum	100 Bulk
L5519	Aluminum	6

CRL 7/16" Metal Screen Retainer Clip

• Spring Steel Clip Just Slips-On to Install

The CRL Metal Retainer Clip slides over 7/16" (11.1 mm) screen frame to hold it in an aluminum window frame. The Clip is made of spring steel, and will hold the screen frame snug against the window frame.

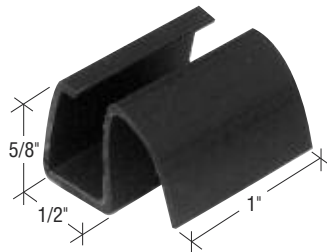
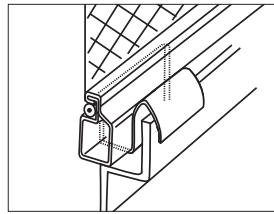


CAT. NO.	FINISH	QTY/PKG
WSC510	Aluminum	100 Bulk

CRL Vinyl Screen Retainer Clip

• Fits on Tom Ray and T.M. Cobb Windows

These CRL Window Screen Clips are used to hold 3/8" (9.5 mm) screen frame into aluminum window channel. The Clip is made of black vinyl, and fits on Tom Ray and T.M. Cobb windows.

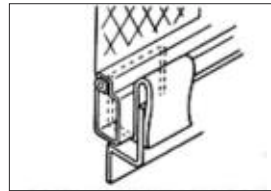


CAT. NO.	COLOR	QTY/PKG
L5603	Black	6

CRL 3/8" or 7/16" Plastic Screen Retainer Clip

• Slips-On Easily and Will Not Rust

The CRL Plastic Retainer Clip slides over 3/8" or 7/16" (9.5 or 11.1 mm) screen frame to hold it in an aluminum window frame. The plastic Clip will not rust, and the dark charcoal color blends with aluminum window frames.

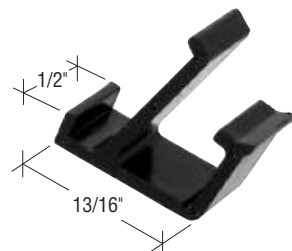


CAT. NO.	COLOR	QTY/PKG
WSC515	Charcoal	100 Bulk

CRL Plastic Screen Clip

• Holds 3/8" Frame by Nordic

These CRL Black Plastic Screen Clips are used to hold 3/8" screen frames into Nordic aluminum window frames.

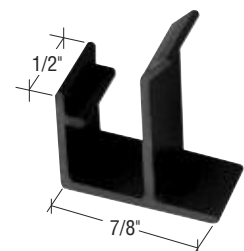
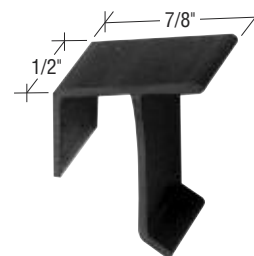


CAT. NO.	COLOR	QTY/PKG
L5684	Black	2 Sets

CRL Plastic Screen Clip

• Fits Windows by H & D Industries

These CRL Black Plastic Screen Clips are used to hold the screen frames into window frames. Clip fits on sliding window frames made by H & D Industries.



CAT. NO.	COLOR	QTY/PKG
WSC445	Black	100 Pair-Top/Bottom (Bulk)
L5563	Black	2 Sets

Hardware on this page is packaged in packs and bulk. Minimum order for packaged hardware: 1 pack. All packaged hardware can be combined for quantity pricing. Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100. All bulk hardware can be combined for quantity pricing.



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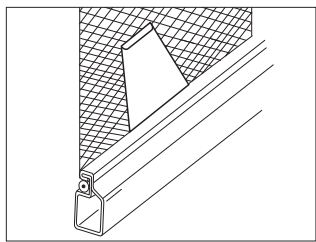
ALUMINUM 180W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL WINDOW SCREEN COMPONENTS

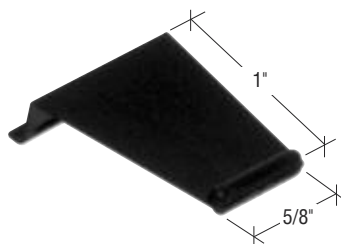
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CRL Plastic Pull Tab

- Available in Natural and Black



CRL Plastic Pull Tabs are used to lift a screen out of a window channel. They install in the spline pocket of the screen frame, and have a ridge on the top for a better grip.

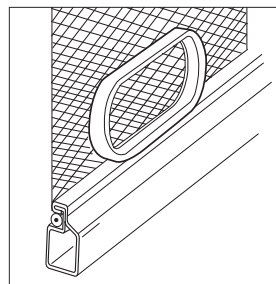


CAT. NO.	COLOR	QTY/PKG
WSC420	Natural	100 Bulk
WSC421	Black	100 Bulk

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL Plastic "Loop" Pull Tab

- Installs in Spline Channel



CRL Plastic "Loop" Pull Tabs are used to easily lift window screens from the window frame. They install into the spline channel like traditional lift tabs.

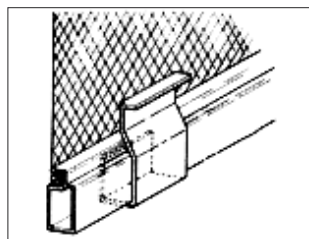


CAT. NO.	COLOR	QTY/PKG
WSC424N	Natural	100 Bulk
WSC424B	Black	100 Bulk

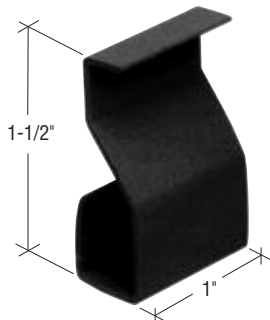
Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL Plastic Lift Clip

- Will Not Rust or Corrode



This CRL Lift Clip is made of a black plastic that will resist rust and corrosion. It slips over 3/8" or 7/16" (9.5 or 11.1 mm) screen frame, and can also be used to lift screens out of window channel.

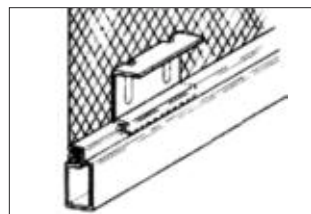


CAT. NO.	COLOR	QTY/PKG
WSC430	Black	100 Bulk

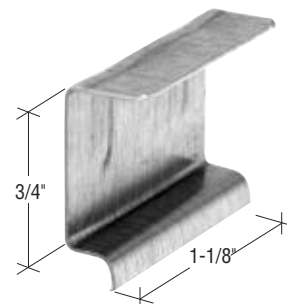
Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL Aluminum Lift Clip

- Fits Into Spline Pocket



This CRL Lift Clip is stamped aluminum, and will resist rust and corrosion. It installs in the spline pocket of the screen frame along with the retainer spline, and is used to lift screens out of window channel.

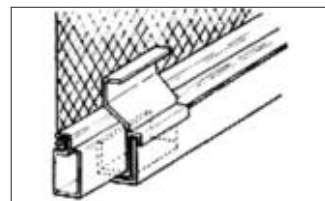


CAT. NO.	FINISH	QTY/PKG
WSC425	Aluminum	100 Bulk

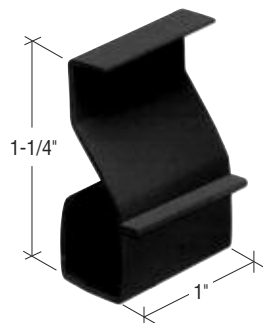
Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL Plastic Lift Clip and Retainer

- Secures Screen Frame in Channel



The CRL Lift Clip and Retainer slips over 3/8" (9.5 mm) screen frame to hold it in an aluminum channel and assist in lifting it out. Plastic clip resists corrosion.

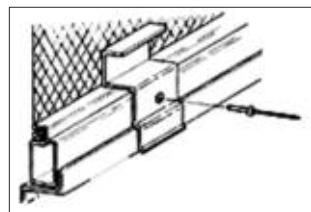


CAT. NO.	COLOR	QTY/PKG
WSC440	Black	100 Bulk

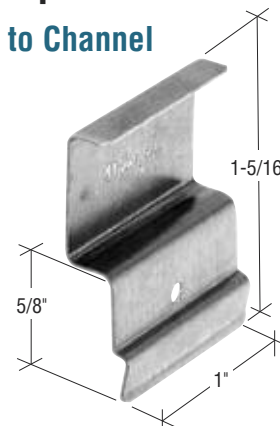
Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL Aluminum Lift Clip and Retainer

- Secures Screen Frame to Channel



The CRL Lift Clip and Retainer holds the screen frame in aluminum channel, as well as acting as a lift clip. The Clip is attached to the screen frame using our Cat. No. ABA41PK Rivet (not included).

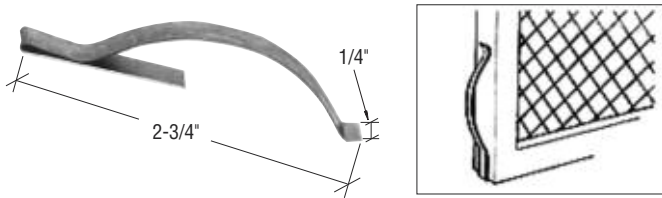


CAT. NO.	FINISH	QTY/PKG
WSC435	Aluminum	100 Bulk

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL 1/4" Screen Corner Tension Spring

- No Tools Required for Installation

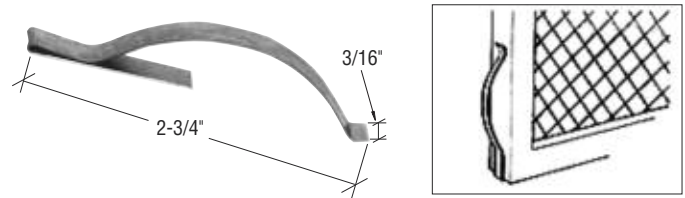


CRL Flat Tension Springs are heat-treated spring steel. They slip into corners of 5/16" to 7/16" (7.9 to 11.1 mm) screen frame to help hold screens tightly in the window channel. No tools or drilling is required for installation. The Spring simply slips into the square or mitered corner joint of the screen frame.

CAT. NO.	FITS FRAME SIZES	FINISH	QTY/PKG
WSC410N	5/16" to 7/16"	Aluminum	100 Bulk
L5577	5/16" to 7/16"	Aluminum	6

CRL 3/16" Screen Corner Tension Spring

- No Tools Required for Installation

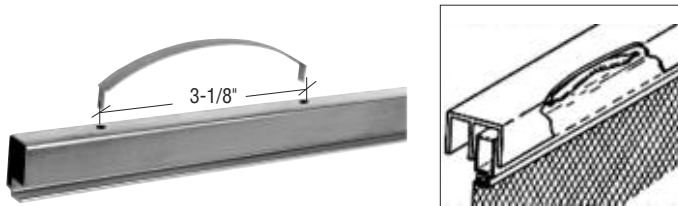


CRL Flat Tension Springs are heat-treated spring steel. They slip into corners of 1/4" to 7/16" (6.3 to 11.1 mm) screen frame to help hold screens tightly in the window channel. No tools or drilling is required for installation. The Spring simply slips into the square or mitered corner joint of the screen frame.

CAT. NO.	FITS FRAME SIZES	FINISH	QTY/PKG
WSC411N	1/4" to 7/16"	Aluminum	100 Bulk

CRL Flat Screen Frame Tension Spring

- Keeps Screen Frame Tight in Window Channel



CRL Flat Tension Springs help hold screens tightly in the window channel. To install you can drill two 3/16" (4.8 mm) diameter holes 3-1/8" (79.4 mm) center-to-center or simply use our Cat. No. WST930 Screen Frame Punch. The CRL WST900 Notching Jig and Tool can also be used to install the spring into the base of either 5/16" or 3/8" (7.9 or 9.5 mm) screen frame.

CAT. NO.	FITS FRAME SIZES	FINISH	QTY/PKG
WSC410	5/16" to 3/8"	Aluminum	100 Bulk

CRL Screen Frame Punch

- Eliminates the Need to Drill for the Installation of Flat Springs

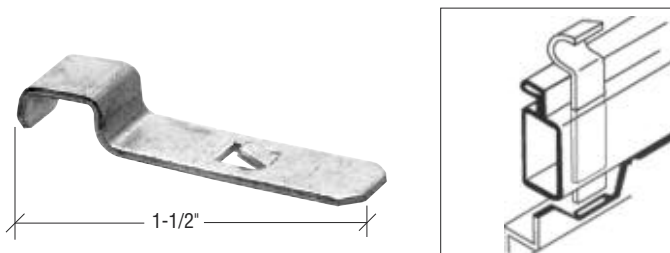


This CRL Screen Frame Punch for Flat Springs is a real time saver, making screen fabrication faster and easier. With one operation this tool punches both holes needed for the installation of our WSC410 Flat Screen Frame Tension Springs. The Punch works on 5/16" and 3/8" (7.9 and 9.5 mm) width screen frames. Minimum order is one each.

CAT. NO. WST930

CRL Aluminum Slide Lock

- Holds Screen in Aluminum Window Frames



CRL Aluminum Slide Locks are used to hold 3/4" (19 mm) window screen frames in aluminum windows. To install you can use our Cat. No. WST900 Notching Jig and Tool to notch the frame.

CAT. NO.	FITS FRAME SIZES	FINISH	QTY/PKG
WSC635	3/4"	Aluminum	100 Bulk

CRL Screen Frame Notching Jig and Tool

- For Quick, Easy Notching of Roll Formed Screen Frame
- Not For Use With Extruded Screen Frame

Our Notching Jig and Tool notches roll formed screen frame for the installation of Tension Springs, Slide Locks, and Knife Latches.

The grooved wooden Jig holds 1/4", 5/16", 3/8", 7/16" and 1/2" (6.3, 7.9, 9.5, 11.1 and 12.7 mm) frame securely while you notch it with the Notching Tool, which is included with the Jig or available separately.

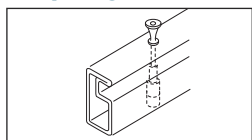


CAT. NO.	HOLDS FRAME SIZES	DESCRIPTION	QTY/PKG
WST900	1/4" to 1/2"	Notching Jig and Tool Set	1
WST901	1/4" to 1/2"	Notching Tool Only	1

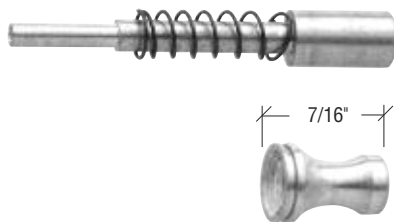
Hardware on this page is packaged in packs and bulk. Minimum order for packaged hardware: 1 pack. All packaged hardware can be combined for quantity pricing. Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100. All bulk hardware can be combined for quantity pricing.

CRL Aluminum Plunger Latch

• Spring-Loaded Plunger



This CRL Aluminum Plunger Latch is designed to hold screens in metal window frames. The spring-loaded Plunger pops into a 7/32" (5.6 mm) hole drilled into the screen frame using our Cat. No. WST905 Step Drill, along with our Cat. No. WST920 Plunger Latch Jig (see below).

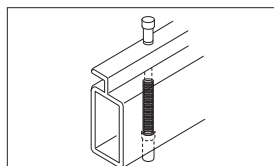


CAT. NO.	FRAME SIZE	QTY/PKG
WSC640	3/4" x 3/8" or 7/16"	100
WSC645	1" x 7/16"	100
L5631	3/4" x 3/8" or 7/16"	6
L5632	1" x 7/16"	6

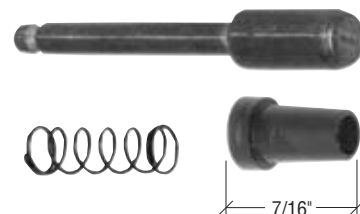
Minimum order: 100 each, or 1 pack.

CRL Die Cast Plunger Latch

• Spring-Loaded Plunger



This CRL Die Cast Plunger Latch is designed to hold screens in metal window frames. The spring-loaded Plunger pops into a 7/32" (5.6 mm) hole drilled into the screen frame by using our Cat. No. WST905 Step Drill, along with our Cat. No. WST920 Plunger Latch Jig (see below).

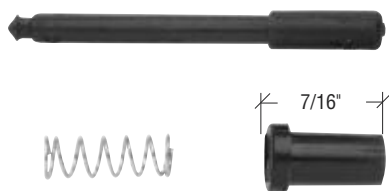
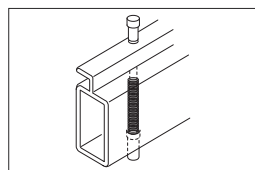


CAT. NO.	FRAME SIZE	QTY/PKG
WSC605	3/4" x 3/8" or 7/16"	100
WSC610	1" x 7/16"	100
L5541	3/4" x 3/8" or 7/16"	6
L5542	1" x 7/16"	6

Minimum order: 100 each, or 1 pack.

CRL Nylon Plunger Latch

• Spring-Loaded Plunger



NOTE: Use CRL Cat. No. WST905 Step Drill to install the WSC615 Plungers. Two drill bits, CRL Cat. No. 60118 and 601316 (1/8" and 3/16" diameter), are required to install the smaller diameter WSC614 Plungers.

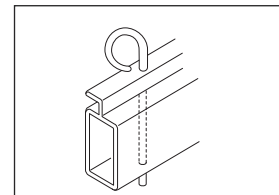
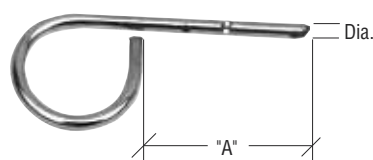
Spring-Loaded Nylon Plunger Latches are designed to hold 1/4" to 7/16" (6.3 to 11.1 mm) screens in metal window frames.

CAT. NO.	FRAME SIZE	QTY/PKG
WSC614	3/4" x 1/4" or 5/16"	100
WSC615	3/4" x 3/8" or 7/16"	100

Minimum order: 100 each.

CRL Screen Frame Lock Pin

• Simple, Quick Installation



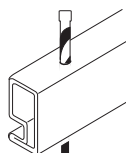
This CRL Screen Frame Lock Pin is available in three different sizes to fit 5/8", 3/4" or 1" (16, 19 or 25 mm) wide screen frames. All you need to do is drill a single straight hole through the screen frame and into the window frame to accept the Lock Pin.

CAT. NO.	FRAME SIZE	"A" DIM.	DIA.	QTY/PKG
WSC620	5/8"	1"	3/32"	100
WSC625	3/4"	1-1/4"	1/8"	100
WSC630	1"	1-1/2"	1/8"	100

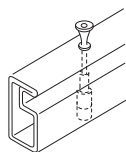
Minimum order: 100 each.

CRL Plunger Latch Step Drill

• Drills Proper Size Holes for Plunger Latches in a Single Operation



Drill hole from exterior edge of frame



Insert plunger and spring, then bind knob from spline pocket edge of frame

CRL's Plunger Latch Step Drill is used to drill the proper size hole in screen frame for Plunger Latches, all in a single operation. The two-step High Speed Steel Drill Bit has a 7/32" (5.6 mm) shank which "steps" down to 1/8" (3.2 mm). Minimum order is one each.

CAT. NO. WST905

CRL Plunger Latch Jig

• Nylon Jig Provides for Quick Installation and Will Not Scratch Frame • Makes Clean, Straight Holes Every Time



The CRL Plunger Latch Jig ensures that you get a perfect Plunger Latch hole every time. The nylon Jig is designed to accommodate 1/4" to 7/16" (6.3 to 11.1 mm) screen frame. Because it is nylon, it will not scratch the frame. It has a large, comfortable handle, which allows you to hold your frame steady. The accompanying Step Drill has a stop collar, which assures the correct depth for the Plunger Latch. Minimum order is one each.

CAT. NO. WST920

Hardware on this page is packaged in packs and bulk. Minimum order for packaged hardware: 1 pack. All packaged hardware can be combined for quantity pricing. Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100. All bulk hardware can be combined for quantity pricing.

CRL Wickets for Casement Window Screens

CRL Wickets are small aluminum or plastic doors mounted in screens. Wickets are hinged to allow access to window operators or some other object on the corner side of a screen. They are normally used on exterior opening casement or awning windows.

- New Finishes
- Aluminum Wickets Available in Pre-Screened or No-Wire Models

new



CRL Aluminum Wickets feature a heavy-duty aluminum frame that measures 9-5/8" (244 mm) wide by 7" (178 mm) high to allow access to casement or awning window operators. Available pre-screened with aluminum or fiberglass screen wire, or no-wire. Features a stainless steel locking latch, plastic pull tab, and continuous aluminum hinge.

ALUMINUM SCREEN CAT. NO.	FIBERGLASS * SCREEN CAT. NO.	NO-WIRE CAT. NO.	FINISH	QTY/PKG
AW100MA	AW200MF	AW999M	Mill	1
AW300AA	AW400AF	AW999A	Clear Anodized	1
AW500BA	AW600BF	AW999BRZ	Bronze	1
---	AW800WF	AW999W	White	1

Minimum order: 1 each. All Wickets can be combined for quantity pricing. * Fiberglass Screen is Gray Color.

- Plastic Wickets in Finishes Available to Match Screen Frame

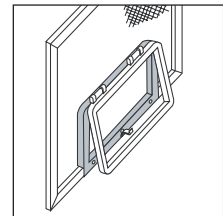
new



CRL Plastic Wickets are 10-1/8" (257 mm) wide by 6-1/8" (155 mm) high to allow easy access to casement or awning window operators. The finish of the Wicket closely matches the finish of CRL Screen Frame. You install your own screen wire into the Wicket to match the rest of the window screen. The Wicket has a snap-type latch for secure closure, and can be installed along any 10" (254 mm) minimum width section of the screen frame. **NOTE:** If you are using aluminum or fiberglass screen wire in the Wicket, we recommend our Cat. No. 5C175 Serrated Retainer Spline. See page 160W.

CAT. NO.	FINISH	QTY/PKG
828M	Gray	1
828W	White	1
828BL	Black	1
828BRZ	Bronze	1

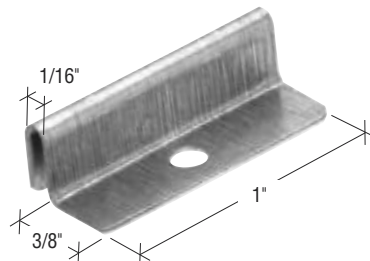
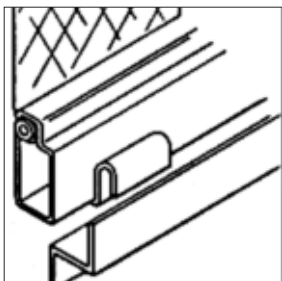
Minimum order: 1 each. All Wickets can be combined for quantity pricing.



CRL Rivet-On Screen Retainer Clip

- Fits All Sizes of Screen Frame

This Rivet-On Screen Retainer Clip is riveted to the base of the screen frame. Once attached, the Retainer slips over the lip of the aluminum window frame, securing the screen frame in place. Our Cat. No. ABA41PK Rivet is the proper size to fasten the Retainer.



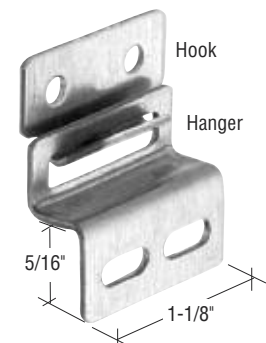
CAT. NO.	QTY/PKG
WSC520	100

Minimum order: 100 each.

CRL Top Hanger

- For Wood Framed Screens

Stamped aluminum Top Hanger is used to surface-mount wood framed screens. Attach Hook portion to window casing; attach Hanger portion to screen frame.



**BULK PACKAGE CONTAINS
100 HANGERS (WITHOUT SCREWS)**

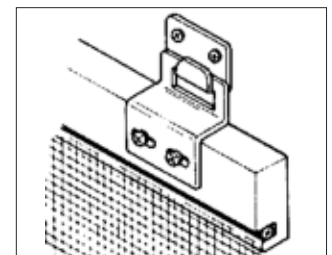
CAT. NO.	FINISH	QTY/PKG
WSC206M	Mill	100

Minimum order: 100 each.

**CARDER PACKAGE CONTAINS
4 HANGER SETS AND 16 SCREWS**

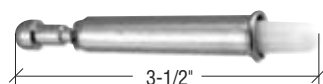
CAT. NO.	FINISH	QTY/PKG
L5534	Mill	4 Sets

Minimum order: 1 pack.



CRL Wood Screen Frame Bolt

Spring-loaded Nylon Bolt for use on stationary or hinged wood screen frames.

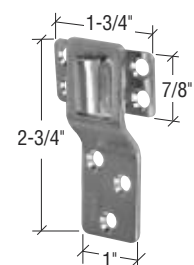


CAT. NO.	QTY/PKG
L5730	2

Minimum order: 1 pack.

CRL Window Sash Hanger

These CRL Window Sash Hangers are used to surface-mount wood framed screens and storm windows. Comes with mounting screws.



CAT. NO.	QTY/PKG
L5661	2

Minimum order: 1 pack.

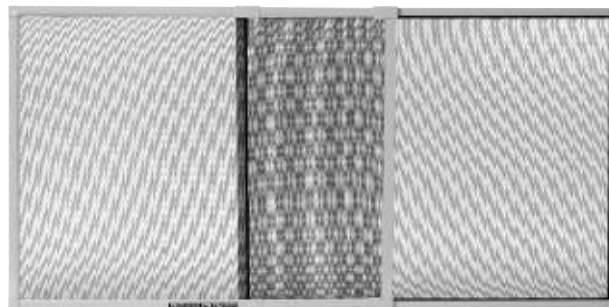
Hardware on this page is packaged in packs and bulk. Minimum order for packaged hardware: 1 pack. All packaged hardware can be combined for quantity pricing. Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100. All bulk hardware can be combined for quantity pricing.

CRL Adjustable Window Screens

new

- Adjustable Widths From 20" to 47" (508 to 1194 mm)
- Installs in Seconds Without Clips

Our Adjustable Window Screens are easily installed in seconds (without tools or fasteners) in wood, metal or vinyl double hung windows. Adjustable Window Screens have 5/16" (7.9 mm) mill finish frame with gray square cut corners, charcoal fiberglass wire, and black retainer spline. They come in four heights from 8" to 20", with adjustable widths from 20" to 47".



CAT. NO.	FINISH	HEIGHT	WIDTH RANGE
AWS08M	Mill	8" (203 mm)	20" to 37" (508 to 940 mm)
AWS13M	Mill	13" (330 mm)	20" to 37" (508 to 940 mm)
AWS18M	Mill	18" (457 mm)	20" to 37" (508 to 940 mm)

Minimum order 1 each: Finishes can be combined for quantity prices.

CAT. NO.	FINISH	HEIGHT	WIDTH RANGE
AWS2547M	Mill	20" (508 mm)	25" to 47" (635 to 1194 mm)
AWS2547BRZ	Bronze	20" (508 mm)	25" to 47" (635 to 1194 mm)
AWS2547W	White	20" (508 mm)	25" to 47" (635 to 1194 mm)

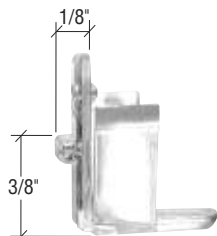
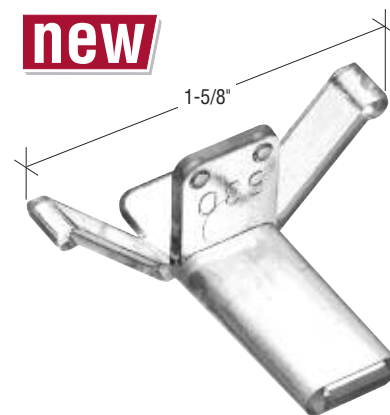
Minimum order 1 each: Finishes can be combined for quantity prices.

CRL Butterfly Screen Clips

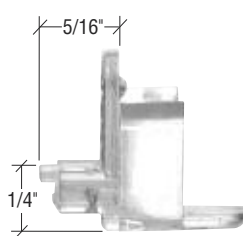
- Clear Styrene Butterfly Screen Clips are Popular in Canada

These clear styrene Butterfly Screen Clips are mounted into the lower frame of sliding windows, and are designed to keep window screens tight within the frame. Easily identifiable because each clip style has it's corresponding number molded into the plastic. Primarily used by several window manufacturers in Western Canada, the Clips come in sizes that can be adapted to a variety of window types. All Butterfly Screen Clips come in bulk packages of 100. Minimum order is 100 each.

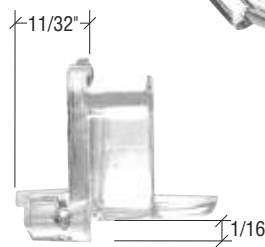
new



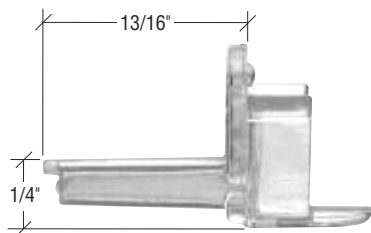
CAT. NO. V522



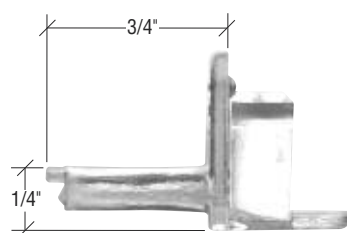
CAT. NO. V523



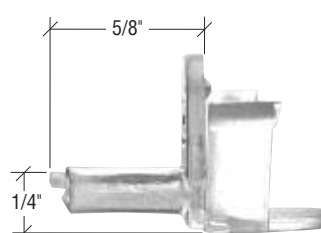
CAT. NO. V524



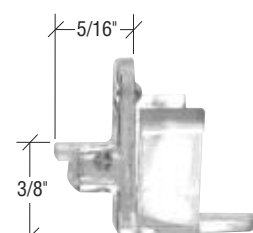
CAT. NO. V525



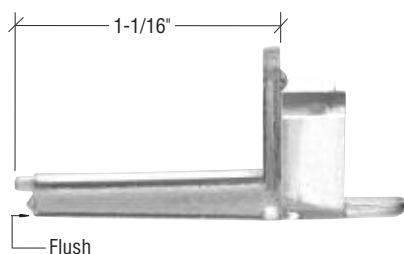
CAT. NO. V526



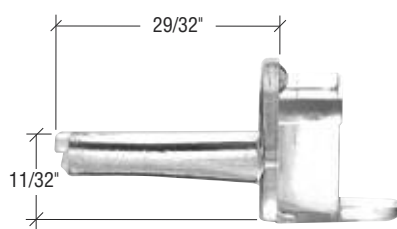
CAT. NO. V527



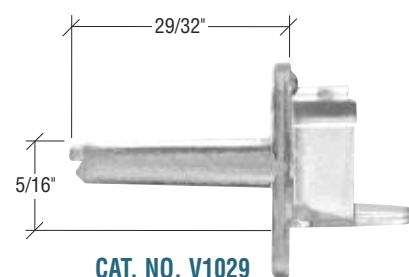
CAT. NO. V529



CAT. NO. V530



CAT. NO. V531



CAT. NO. V1029

Minimum order for bulk Screen Hardware: 100 each. Must be ordered in increments of 100. All bulk Screen Hardware can be combined for quantity pricing.

CRL Euro Retractable Window Screens

new

- Increase Your Screen Business by Offering Retractable Window Screens
- Remains Out of Sight Until Needed
- Provides Excellent Protection From Insects
- Ergonomically Designed Handle for Comfort and Ease of Operation
- Four Sizes and Three Finishes to Choose From

We are proud to offer our new style Euro Retractable Window Screen Kit. This new screen kit is ideal for casement, vertical hung, and project out window applications. Each screen kit comes with 66" tall side channels, which can be easily cut down to accommodate most window heights. The cassettes come in four standard widths, and the kit can be cut down in size to 25" (635 mm) in width.

CRL Euro Retractable Window Screens provide the solution for insect control in a complete, easy to install package. You have the option of selling the kits for "Do-It-Yourself" homeowners, or you can offer to make a one trip service call to measure, cut and install the screens at the customer's home. Average time to cut and install is less than 20 minutes per screen.



• Fast, Easy Installation

First, lay out all parts, identify and verify that all components are present. Measure the inside jamb width and height of your window.

Second, cut the cassette, screen cloth and pull bar all at the same time to the same length. Then cut the two side channels to length and slip the black plastic channel feet onto the channel ends.

Attach the top flat springs and side cone spring with end cap to the cassette and position it into the window opening. The springs will help hold the cassette in place while you install the two side channels. Make sure that each side channel engages the cassette end cap tab for proper alignment. Pull the screen down, and check that the pull bar locks into the plastic caps.

NOTE: The locking caps may need to be turned for positive locking. Test operation and you're done!

1. Measure



2. Cut



3. Install



CRL Euro Retractable Window Screens

new

- Euro Screen Kits Come Complete in a Carefully Packed Carton That Can Ship Via U.P.S.
- Complete With Easy-to-Follow Instructions

You can choose from four maximum opening widths in three beautiful finishes, creating a profitable addition to your screening services.

All CRL Euro Retractable Window Screens have a big maximum inside window height of 66" (1.67 m). Each Kit includes: powder coated extruded aluminum lineals, durable 18 x 16 mesh charcoal fiberglass screen wire, quality mounting hardware, and easy-to-follow instructions.

Screens are inside jamb mounted, and can be left in place all year, eliminating the need for seasonal removal and installation.



WHITE

ALMOND

BRONZE

• Three Decorative Powder Coated Finishes

CAT. NO.	FINISH	FITS MAX. INSIDE JAMB OPENING
RWS31W	White	31" (787 mm)
RWS31ALM	Almond	31" (787 mm)
RWS31BRZ	Bronze	31" (787 mm)
RWS39W	White	39" (990 mm)
RWS39ALM	Almond	39" (990 mm)
RWS39BRZ	Bronze	39" (990 mm)
RWS47W	White	47" (1194 mm)
RWS47ALM	Almond	47" (1194 mm)
RWS47BRZ	Bronze	47" (1194 mm)
RWS55W	White	55" (1397 mm)
RWS55ALM	Almond	55" (1397 mm)
RWS55BRZ	Bronze	55" (1397 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

Dealer Display



Dealer Demonstration Displays Available. See page 190W.

CAT. NO. ESWD2
Euro Retractable Single Door and Window Display

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CRL Euro Retractable Screen Door Kits for Single and Double Doors

- Cut and Assemble on the Job Site for Fast, Easy Installation on In-Swing and Out-Swing Doors **new**
- Two Standard Heights: 84" and 96" (2.1 and 2.4 m)
- Choice of White, Almond, and Bronze Finishes

CRL Euro Retractable Screen Doors utilize unique design features and versatility to fit most applications. The top and bottom rails, plus the jamb and screen pocket, are made from extruded aluminum. The vinyl end caps and handle have a UV additive for long life. Each door has easy-to-see-through charcoal fiberglass screen wire.

All CRL Euro Retractable Screen Doors feature a unique, comfortable, and easy-to-use positive lift-to-latch handle that keeps the door firmly closed, even in windy areas. There's no need to break a magnetic field to release the door from the latch, which is an important advantage, especially for the elderly.

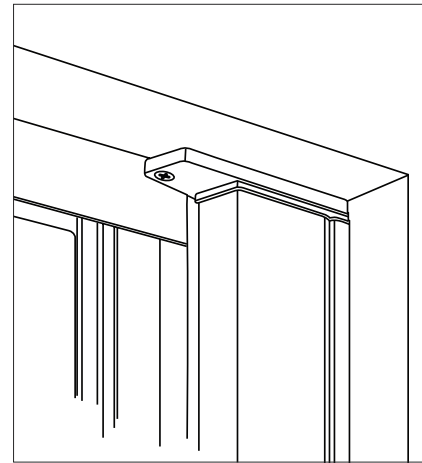
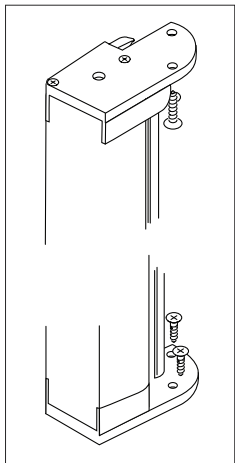
Kits are non-handed, so they're easily field reversible for left or right openings. They can be surface mounted on the outside of the door frame for in-swinging doors, or mounted inside of the door frame for out-swinging doors. Simple cuts with your chop saw sizes the door to the opening.

Each Kit comes complete with special clips for the top and bottom of the screen cassette for surface mounting to the jamb face. All of the instructions required for installation are provided for both internal mounting and surface mounting applications in an easy-to-follow format with clear, detailed illustrations.

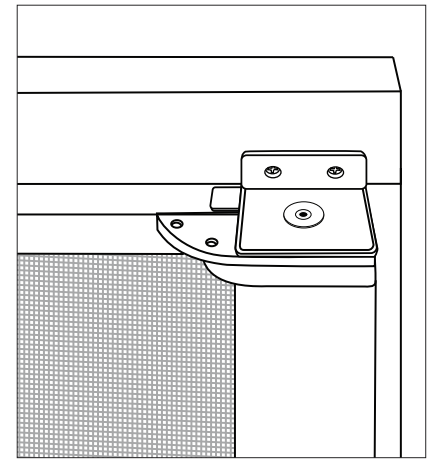
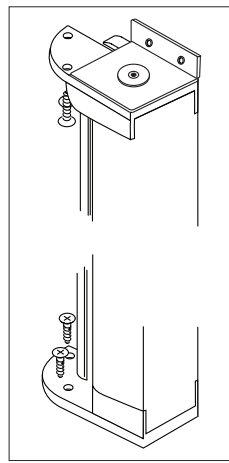


Single Door Installation

• Use Either Internal Mounting or Surface Mounting Method



Internal Mounting



Surface Mounting

Installation instructions provided with each door describe each step in detail, with drawings to guide you on your way to quick, professional installations. Internal mounting takes measurements from the inside of the door frame to determine the cut size of the cassette housing, side jambs, and top and bottom channels. Hardware is then attached to the door, the door is positioned within the frame, and then installed with fasteners provided with each Kit. Adjust the latch position, test the door, and then install a Sill Adapter, if desired (see page 190W), to complete the installation. It's that simple! Typical installation time is approximately 20 minutes.

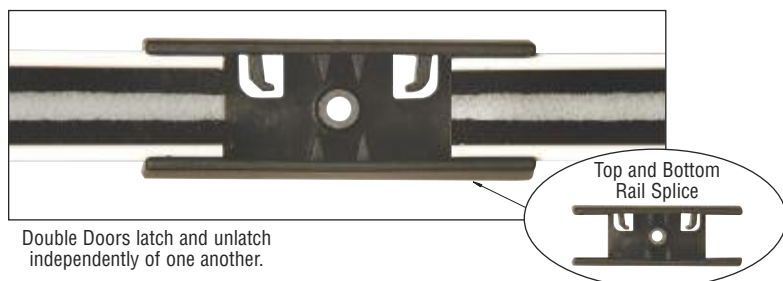
Surface mounting is similar to the internal mounting, with measurements taken from the outside surface of the door frame. Just follow the cutting instructions and install the special surface mounting brackets included with each Kit. The balance of the hardware and frame is then assembled, held into position while you attach the door using the supplied fasteners. Along with all fasteners supplied, each Kit has screw cover plugs to give the outer face of the rails a finished look. Adjust the latch position, test the door, and then install a Sill Adapter, if desired (see page 190W), to complete the installation. Typical installation time is approximately 30 minutes.

CRL Euro Retractable Screen Door Kits for Single and Double Doors **new**

- Double Door Installations Use Two Single Door Kits
- All Euro Door Kits Contain Double Door Hardware

Two CRL Euro Retractable Screen Door Kits can be used for double door installations by mating them opposite each other. Each Kit contains a top and bottom rail splice which supports the meeting of the top or bottom rails in the center of the opening. Each splice also has two locking tabs, (one for each door) to securely hold the doors in the closed position. Both doors can then be operated independently. No exterior mounted slide bolts are needed.

- New Secure Latching Method, No Slide Bolts Needed



Double Door Mounting Method

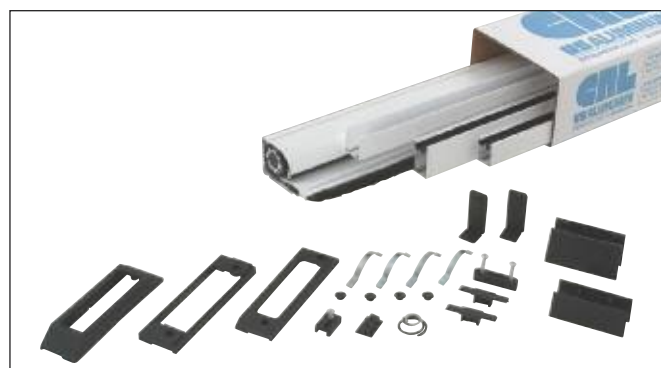


Double Door Installation

Since all CRL Euro Retractable Screen Door Kits have universal application mounting hardware, just bring two of our single door Kits to the job site and you're ready to go. Clear, easy-to-follow instructions show where to take cutting measurements. Double door installations require only that you trim the weatherstrip to keep the double door latches in position. Typical installation time is approximately 60 minutes.



Single Door Installation



- Euro Screen Door Kits Come Complete in a Carefully Packed Carton That Can Ship Via U.P.S.
- Three Decorative Powder Coated Colors

WHITE	ALMOND	BRONZE
-------	--------	--------

WHITE CAT. NO.	ALMOND CAT. NO.	BRONZE CAT. NO.	MAXIMUM DOOR HEIGHT
RDS84W	RDS84ALM	RDS84BRZ	84" (2.1 m)
RDS96W	RDS96ALM	RDS96BRZ	96" (2.4 m)

Minimum order: 1 each. Sizes and colors can be combined for quantity pricing.

CRL Sill Adapters for Euro Retractable Screen Doors

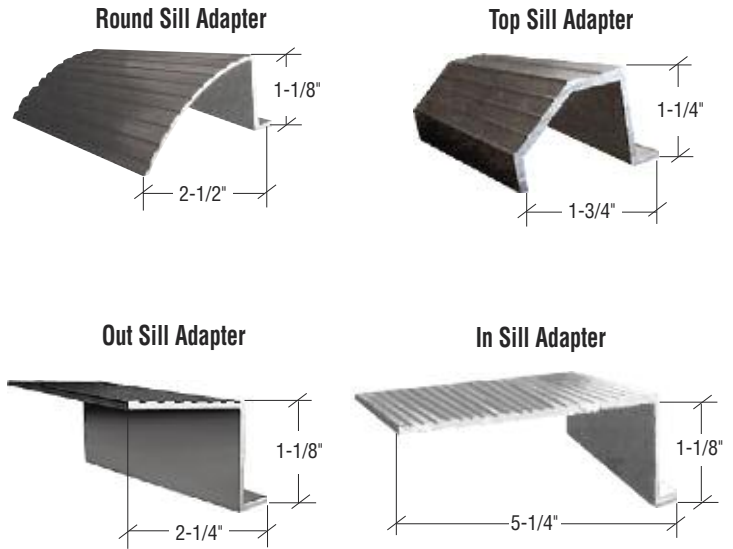
new

- Four Shapes Adapt to Almost Every Application
- 74" (1.9 m) Length Spans Double Door Openings
- Makes a Smooth Transition From Bottom Rail to Sill
- Four Powder Paint Finishes

Finish your custom installations perfectly by installing CRL Euro Retractable Screen Doors in applications other than standard flush mounts, such as in-swing and out-swing doors. Sill Adapters provide the vertical surface needed to mount bottom rails in a wide variety of circumstances. We offer a selection of extruded aluminum Sill Adapters in finishes to enhance the appearance of existing thresholds. All Sill Adapters measure 74" (1.9 m) in length.

ALUMINUM CAT. NO.	WHITE CAT. NO.	BRONZE CAT. NO.	BLACK CAT. NO.	SILL ADAPTER TYPE
74RSAL	74RSW	74RSBRZ	74RSBL	Round Sill Adapter
74TSAL	74TSW	74TSBRZ	74TSBL	Top Sill Adapter
74OSAL	74OSW	74OSBRZ	74OSBL	Out Sill Adapter
745SAL	745SW	745SBRZ	745SBL	In Sill Adapter

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



CRL Dealer Sales Tools for Euro Retractable Screen Doors and Windows

new

- Increase Your Retractable Screen Sales With Demonstration Models and Specialized Literature



CAT. NO. ESWD2

Euro Retractable Single Door and Window Display



CAT. NO. RSD1F

Three Fold Sales Flyer

Spread the word in your sales territory that you offer high quality retractable window and door screens. Three fold Sales Flyers in full color explain the features, show finished installations, and have an area for you to add your company information. Quantity per package is 50. Minimum order is one pack.

Use these Dealer Demonstration Displays in your showroom or bring them to your sales calls to effectively demonstrate the benefits of Retractable Screen products. Display has one CRL Euro Retractable Window Screen and one CRL Euro Retractable Screen Door. Also included are 50 each Cat. No. RSD1F Retractable Screen Sales Flyers.

CRL Replace-All Sliding Screen Doors

- Three Stock Sizes Cover Over 90% of the Demand for Replacement Doors
- Universal Left or Right Hand Mounting
- Installs in Just Minutes
- Strong Roll Formed Steel Frame
- Full 2" (51 mm) Vertical Expansion

These CRL Replace-All Sliding Screen Doors are a quick and easy replacement for worn and torn sliding screen doors. They have a variable height of 78" to 80" (1981 to 2032 mm), with a full 2" (51 mm) vertical expansion adjustment, the largest expansion capability of any door available.

The Replace-All features: a strong roll formed steel frame with baked enamel finish; durable charcoal fiberglass screening; a patented automatic, self-latching handle with "No Lock-Out" feature; nylon roller assemblies for quiet, smooth operation; universal left and right hand mounting.

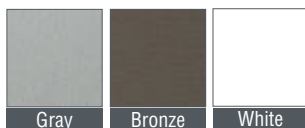
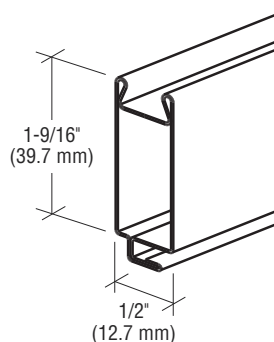
Custom Replace-All Screen Doors

CRL Replace-All Sliding Screen Doors can be special ordered in bulk, completely fabricated and screened in custom sizes. Three finishes are available: gray, bronze, and white. The minimum order quantity for custom doors is 50 or more of the same size and finish. Contact Technical Sales for special order details.



Ready to Install Right Out of the Carton

• Three Stock Frame Finishes:

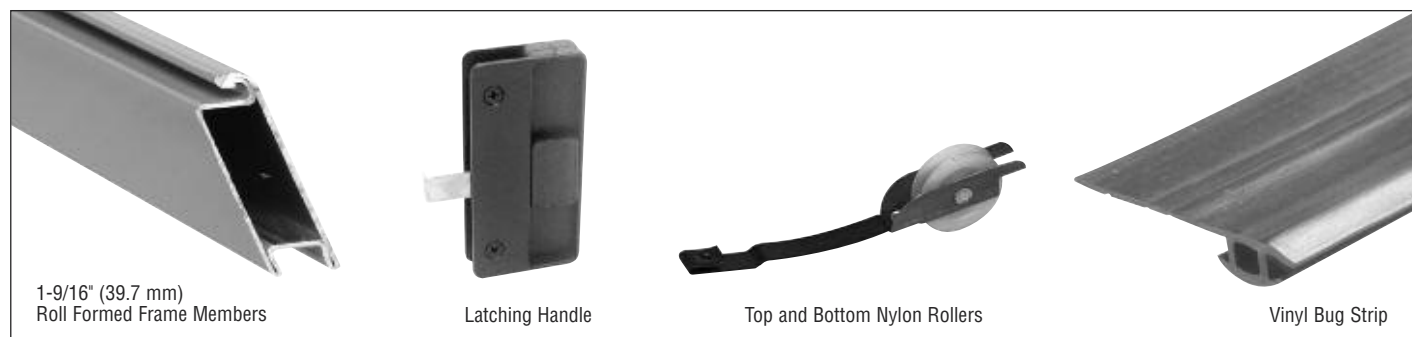


CAT. NO.	FINISH	DOOR WIDTH	HEIGHT RANGE
RA265P	Gray	30" (762 mm)	78"-80" (1981-2032 mm)
RA26BRZ5P	Bronze	30" (762 mm)	78"-80" (1981-2032 mm)
RA26W5P	White	30" (762 mm)	78"-80" (1981-2032 mm)
RA305P	Gray	36" (914 mm)	78"-80" (1981-2032 mm)
RA30BRZ5P	Bronze	36" (914 mm)	78"-80" (1981-2032 mm)
RA30W5P	White	36" (914 mm)	78"-80" (1981-2032 mm)
RA405P	Gray	48" (1219 mm)	78"-80" (1981-2032 mm)
RA40BRZ5P	Bronze	48" (1219 mm)	78"-80" (1981-2032 mm)
RA40W5P	White	48" (1219 mm)	78"-80" (1981-2032 mm)

Minimum order: Five doors of the same size and finish (one carton). All Replace-All Doors can be combined for quantity pricing.

NOTE: CRL Replace-All Sliding Screen Doors are not available for order on a single door basis. To ensure that the doors will arrive via common carrier in good condition, the minimum order is a five-pack carton of the same size and finish.

Each Replace-All Door Includes These Component Parts:



CRL CM Supreme Steel Sliding Screen Doors

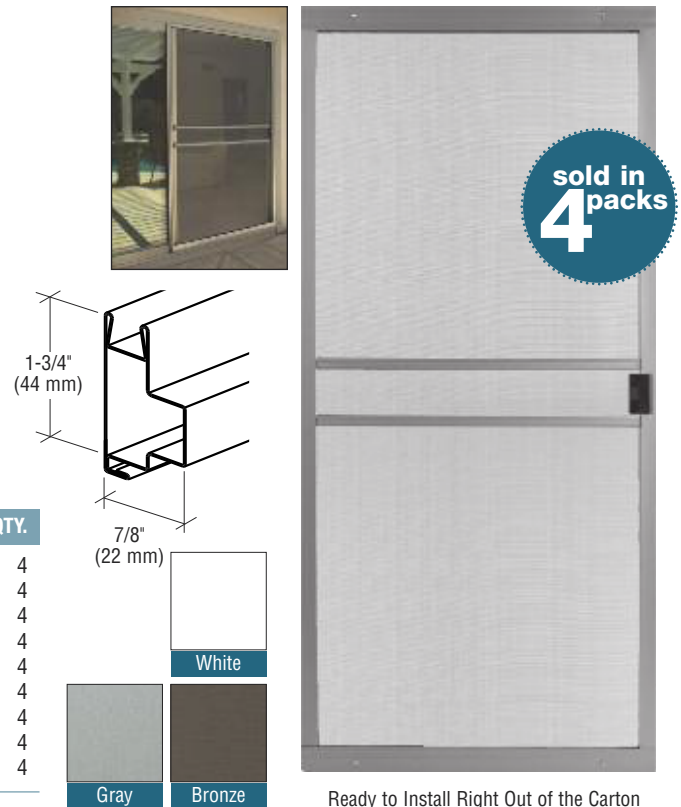
- Adjusts to Fit Opening Heights from 78" to 80-1/2" (1.98 to 2.04 m)
- Double Cross Bars for Added Strength
- 1" (25 mm) Vinyl Bug Flap

CRL CM Supreme Patio Screen Door Frames are crimp seam formed, corner stitched, and both are chemically bonded to eliminate gaps. They utilize a patented one-piece roll formed frame construction technique, making it stronger, more durable and at the same time eliminate racking. Doors have spring loaded adjustable hoods with nylon wheels that are held in place with binding posts to eliminate continuous readjusting. Sliders come assembled for consistent quality and performance.

An installation hardware pack includes interior handle, anti-rattlers and J-hook with attaching screws for patio door locking. Only basic tools are required for installation with easy-to-follow instructions.

CAT. NO.	COLOR	WIDTH	HEIGHT RANGE	PACK QTY.
1021101304	White	30" (762 mm)	78" - 80-1/2" (1.98 - 2.04 m)	4
1021101404	White	36" (914 mm)	78" - 80-1/2" (1.98 - 2.04 m)	4
1021101504	White	48" (1219 mm)	78" - 80-1/2" (1.98 - 2.04 m)	4
1021081304	Gray	30" (762 mm)	78" - 80-1/2" (1.98 - 2.04 m)	4
1021081404	Gray	36" (914 mm)	78" - 80-1/2" (1.98 - 2.04 m)	4
1021081504	Gray	48" (1219 mm)	78" - 80-1/2" (1.98 - 2.04 m)	4
1021091304	Bronze	30" (762 mm)	78" - 80-1/2" (1.98 - 2.04 m)	4
1021091404	Bronze	36" (914 mm)	78" - 80-1/2" (1.98 - 2.04 m)	4
1021091504	Bronze	48" (1219 mm)	78" - 80-1/2" (1.98 - 2.04 m)	4

Minimum order: 4 each. All CRL Steel Screen Doors can be combined for quantity pricing.



CRL Architectural Steel Sliding Screen Doors

- Adjusts to Fit Opening Heights from 78-1/4" to 81" (1.99 to 2.06 m)
- Charcoal Fiberglass 18 x 16 Mesh
- 1" (25 mm) Vinyl Bug Flap
- Custom Sizes and Extruded Aluminum Models Available on Request

CRL Architectural Steel Sliding Screen Doors utilize a patented one-piece roll formed frame construction technique, making it stronger, more durable and at the same time eliminates racking. Frames are crimp seam formed, corner stitched, and both are chemically bonded to eliminate gaps. Doors have spring loaded adjustable hoods with nylon wheels that are held in place with binding posts to eliminate continuous readjusting. Sliders come assembled for consistent quality and performance.

An installation hardware pack, including J-hook with attaching screws for patio door locking, is included. Only basic tools are required for installation with easy-to-follow instructions.

CAT. NO.	COLOR	WIDTH	HEIGHT RANGE	PACK QTY.
1041401304	White	30" (762 mm)	78-1/4" - 81" (1.99 - 2.06 m)	4
1041401404	White	36" (914 mm)	78-1/4" - 81" (1.99 - 2.06 m)	4
1041401504	White	48" (1219 mm)	78-1/4" - 81" (1.99 - 2.06 m)	4
1041491304	Bronze	30" (762 mm)	78-1/4" - 81" (1.99 - 2.06 m)	4
1041491404	Bronze	36" (914 mm)	78-1/4" - 81" (1.99 - 2.06 m)	4
1041491504	Bronze	48" (1219 mm)	78-1/4" - 81" (1.99 - 2.06 m)	4

Minimum order: 4 each. All CRL Steel Screen Doors can be combined for quantity pricing.



CRL K.D. Sliding Screen Door Kits

- For Sliding Patio Screen Doors
- Can Be Cut Down to Fit Any Size Opening
- Easy to Assemble and Install
- Gray, Bronze, and White Finishes



Now you can offer your customers a quality made, custom fit sliding screen door right from your stock simply by keeping popular CRL K.D. Screen Door Kits on hand. Kits come complete with all component parts; you add just the Screen Wire and Retainer Spline (recommended spline size is .150"). The Nylon Rollers and Latching Handle are pre-installed, so you won't have to do any drilling, notching or fitting of these parts. Three finishes (gray, bronze, and white) are available to fit doors up to 97" (2464 mm) tall. Each door is packaged individually to ship economically via UPS.



81" (2057 MM) HIGH STANDARD DUTY 1-3/4" (44.5 MM) DOOR KITS

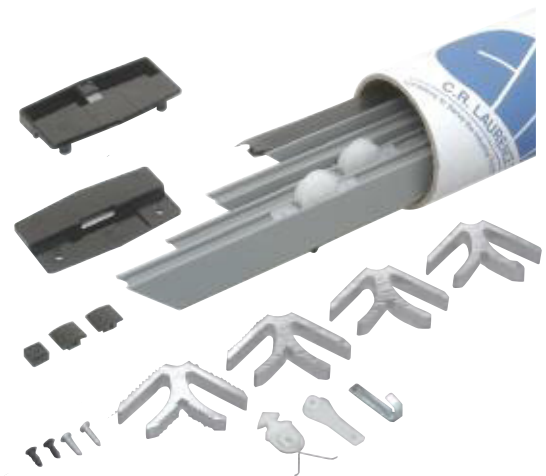
CAT. NO.	FINISH	MAXIMUM WIDTH
KD13430	Gray	31" (787 mm)
KD13436	Gray	37" (940 mm)
KD13448	Gray	49" (1245 mm)
KD13430BRZ	Bronze	31" (787 mm)
KD13436BRZ	Bronze	37" (940 mm)
KD13448BRZ	Bronze	49" (1245 mm)
KD13430W	White	31" (787 mm)
KD13436W	White	37" (940 mm)
KD13448W	White	49" (1245 mm)

Minimum order: 1 each. All K.D. Screen Door Kits can be combined for quantity pricing.

97" (2464 MM) HIGH STANDARD DUTY 1-3/4" (44.5 MM) DOOR KITS

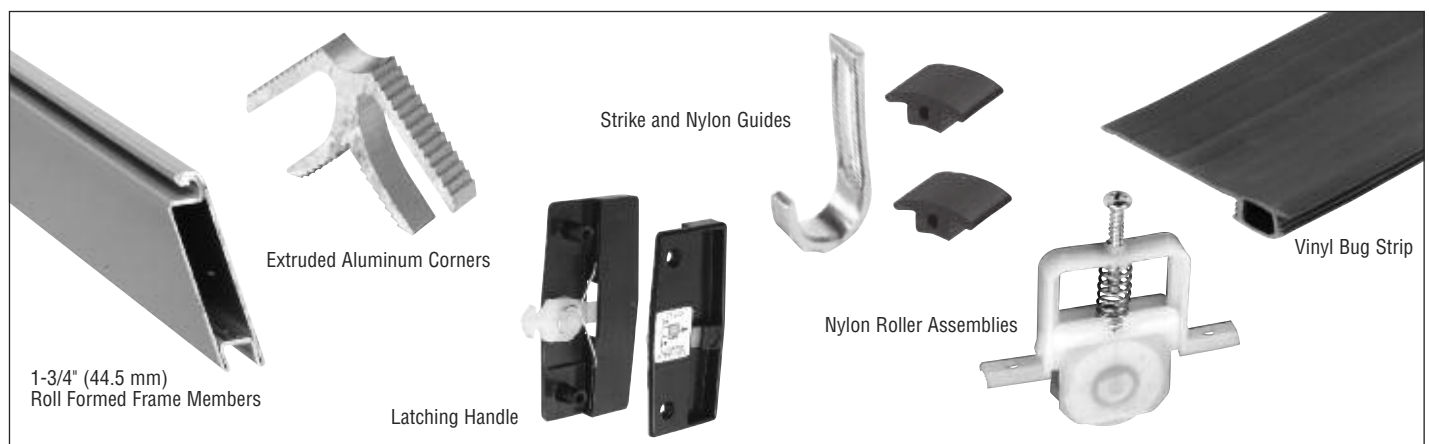
CAT. NO.	FINISH	MAXIMUM WIDTH
KD13436X96	Gray	37" (940 mm)
KD13448X96	Gray	49" (1245 mm)
KD13436X96BRZ	Bronze	37" (940 mm)
KD13448X96BRZ	Bronze	49" (1245 mm)
KD13436X96W	White	37" (940 mm)
KD13448X96W	White	49" (1245 mm)

Minimum order: 1 each. All K.D. Screen Door Kits can be combined for quantity pricing.



Each K.D. Door Kit Includes These Component Parts:

- Each Kit is Individually Packed to Ship U.P.S.

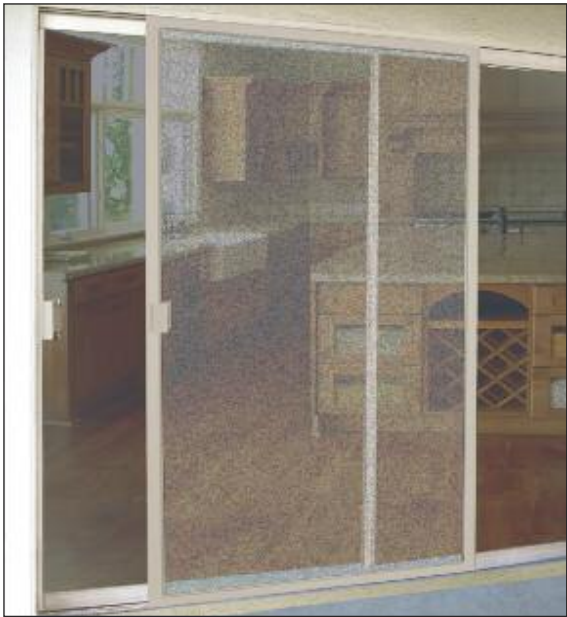


CRL Heavy-Duty Extruded K.D.
Sliding Screen Door Kits

- Ideal for Use in Commercial Applications
- Available in 81" and 97" (2.0 and 2.5 m) High Kits
- Can Be Cut Down to Fit Any Size Opening
- Easy to Assemble and Install
- Three Attractive Finishes

SIZES **new**

Give your customers the option of a really tough screen door with our Heavy-Duty K.D. Sliding Screen Door Kits. These Kits have extruded aluminum frame members that will withstand years of frequent usage. Locking Latches and steel ball bearing Roller Assemblies are top quality. Each individually packaged Kit contains: 1-3/4" (44.5 mm) Extruded Aluminum Frame Members, Extruded Corners, Latching Handle, Top and Bottom Rollers, and Vinyl Bug Strip, everything except the Screen Wire and .175" size Retainer Spline. All sizes can ship economically via U.P.S.



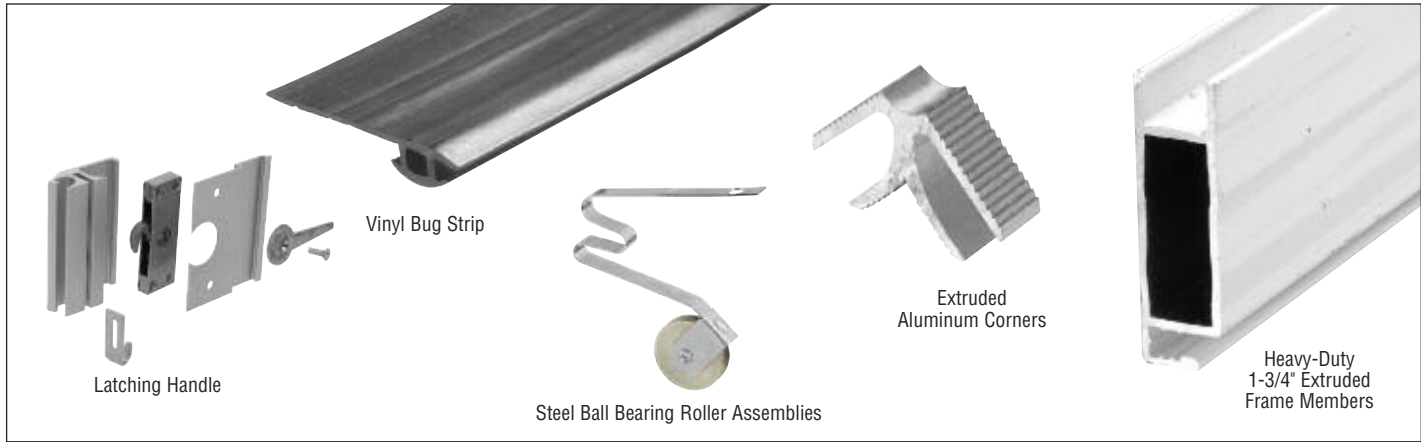
- Each Kit is Individually Packed to Ship U.P.S.



HEAVY-DUTY 1-3/4" (44.5 MM) DOOR KITS			
81" (2057 MM) HIGH CAT. NO.	97" (2464 MM) HIGH CAT. NO.	FINISH	MAXIMUM WIDTH
KDEX13430	----	Satin Anodized	31" (787 mm)
KDEX13436	KDEX13436X96	Satin Anodized	37" (940 mm)
KDEX13448	KDEX13448X96	Satin Anodized	49" (1245 mm)
KDEX13460	----	Satin Anodized	61" (1549 mm)
KDEX13430BRZ	----	Bronze	31" (787 mm)
KDEX13436BRZ	KDEX13436X96BZ	Bronze	37" (940 mm)
KDEX13448BRZ	KDEX13448X96BZ	Bronze	49" (1245 mm)
KDEX13460BRZ	----	Bronze	61" (1549 mm)
KDEX13430W	----	White	31" (787 mm)
KDEX13436W	KDEX13436X96W	White	37" (940 mm)
KDEX13448W	KDEX13448X96W	White	49" (1245 mm)
KDEX13460W	----	White	61" (1549 mm)

Minimum order: 1 each. All K.D. Screen Door Kits can be combined for quantity pricing.

Each Heavy-Duty Extruded K.D. Door Kit Includes These Component Parts:



CRL Champion Series 2-1/2" K.D. Sliding Screen Door Kits

- Our Sturdiest Extruded Aluminum Frame Doors in Three Durable Finishes
- Extra Tough for Years of Frequent, Trouble-Free Use

Offer your customers a really tough screen door with our Champion Series. These kits feature 2-1/2" (63.5 mm) extruded frame members and corners, steel ball bearing rollers, heavy-duty pull handle and latch, a bug strip, and full instructions. It's everything you need (except the screen wire and retainer spline) to fabricate a long-lasting, trouble-free screen door. All K.D. Kits are packed to ship via U.P.S.

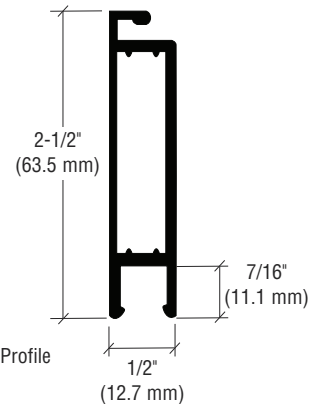
CHAMPION SERIES 2-1/2" (63.5 MM) DOOR KITS

CAT. NO.	FINISH	SIZE (W X H)
KDEX21230	Satin Anodized	32" x 82" (812 x 2082 mm)
KDEX21236	Satin Anodized	38" x 82" (965 x 2082 mm)
KDEX21248	Satin Anodized	50" x 82" (1270 x 2082 mm)
KDEX21260	Satin Anodized	62" x 82" (1574 x 2082 mm)
KDEX21236X96	Satin Anodized	38" x 97" (965 x 2463 mm)
KDEX21248X96	Satin Anodized	50" x 97" (1270 x 2463 mm)
KDEX21230W	White Powder Coat	32" x 82" (812 x 2082 mm)
KDEX21236W	White Powder Coat	38" x 82" (965 x 2082 mm)
KDEX21248W	White Powder Coat	50" x 82" (1270 x 2082 mm)
KDEX21260W	White Powder Coat	62" x 82" (1574 x 2082 mm)
KDEX21236X96W	White Powder Coat	38" x 97" (965 x 2463 mm)
KDEX21248X96W	White Powder Coat	50" x 97" (1270 x 2463 mm)
KDEX21230BRZ	Bronze Powder Coat	32" x 82" (812 x 2082 mm)
KDEX21236BRZ	Bronze Powder Coat	38" x 82" (965 x 2082 mm)
KDEX21248BRZ	Bronze Powder Coat	50" x 82" (1270 x 2082 mm)
KDEX21260BRZ	Bronze Powder Coat	62" x 82" (1574 x 2082 mm)
KDEX21236X96BRZ	Bronze Powder Coat	38" x 97" (965 x 2463 mm)
KDEX21248X96BRZ	Bronze Powder Coat	50" x 97" (1270 x 2463 mm)

Minimum order: 1 each. All K.D. Screen Door Kits can be combined for quantity pricing.



- Each Kit is Individually Packed to Ship U.P.S.



CRL Aluminum Extrusions for Sliding Screen Doors

CRL Side Jamb Channel

CRL Extruded Aluminum Channel is used as a side jamb for sliding screen doors.

new



CAT. NO.	FINISH	LENGTH
3601A	Satin Anodized	144" (3.6 m)
3601BRZ	Bronze	144" (3.6 m)
3601W	White	144" (3.6 m)

Minimum order: 1 stock length. All Screen Extrusions can be combined for quantity pricing. A packing charge will be added to orders of fewer than 12 stock lengths.

CRL Upper Jamb Channel

CRL Extruded Aluminum Jamb Channel is used as a top guide channel for sliding screen doors.

new



CAT. NO.	FINISH	LENGTH
3602A	Satin Anodized	144" (3.6 m)
3602BRZ	Bronze	144" (3.6 m)
3602W	White	144" (3.6 m)

Minimum order: 1 stock length. All Screen Extrusions can be combined for quantity pricing. A packing charge will be added to orders of fewer than 12 stock lengths.

CRL Lower Track

CRL Extruded Aluminum Lower Track is used for sliding screen doors.

new



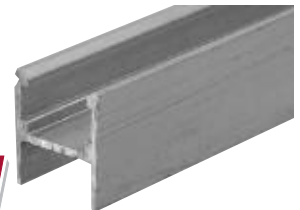
CAT. NO.	FINISH	LENGTH
3606A	Satin Anodized	144" (3.6 m)
3606BRZ	Bronze	144" (3.6 m)
3606W	White	144" (3.6 m)

Minimum order: 1 stock length. All Screen Extrusions can be combined for quantity pricing. A packing charge will be added to orders of fewer than 12 stock lengths.

CRL Meeting Rail

CRL Extruded Aluminum Meeting Rail is used on double doors meeting in the center.

new



CAT. NO.	FINISH	LENGTH
3608A	Satin Anodized	108" (2.7 m)
3608BRZ	Bronze	108" (2.7 m)
3608W	White	108" (2.7 m)

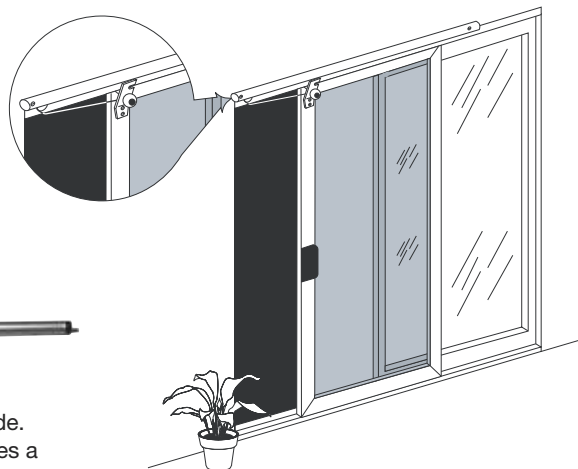
Minimum order: 1 stock length. All Screen Extrusions can be combined for quantity pricing. A packing charge will be added to orders of fewer than 12 stock lengths.

CRL SCREEN DOOR CLOSERS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Automatic Screen Door Closers

- Fits Doors Up to 60" (1524 mm) Wide
- Three Popular Finishes
- Adjustable Closing Speed



1" (25 mm) diameter tube is 61" (1.5 m) long to fit doors up to 60" (1.5 m) wide. Closer mounts above the screen door with two screws into the wall, and includes a bracket that attaches to the screen door with two additional screws, all supplied. Die cast end caps, and a ball bearing pulley wheel give smooth operation. End cap has an air relief screw to adjust closing speed. For existing screen doors that do not roll freely, two 1-1/4" (31.8 mm) diameter concave roller bearings are included in the kit, as well as a top guide. Not all doors are designed to use these parts. New original equipment rollers may need to be installed to make the door roll properly.

CAT. NO.	FINISH	QTY/PKG
PL15535	Satin Aluminum	1
PL15536	Bronze Powder Coat	1
PL15537	White Powder Coat	1

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Screen Door Closers

- Easy to Install
- Plastic Housing Will Not Rust
- Available in White or Dark Bronze
- Maximum Opening Width of 48" (1.22 m)

This simple clock spring Screen Door Closer installs in just seconds. Ideal for screen doors that roll easily, just drill a 1/8" (3 mm) diameter hole in the threshold and insert hook attached to the end of the cord. Turning the screw slot bushing on the face of the body will increase tension. Tension can be released by pushing the release button on top of the body. There is a black vertical slide, which will engage the lower track rail to hold the door in any open position.



CAT. NO.	FINISH	QTY/PKG
B757	White	1
B784	Dark Bronze	1

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Kloze-It™ Automatic Screen Door Closer

- Automatically Closes Screen Doors
- Installs in Just Minutes

The CRL Kloze-It™ Automatic Sliding Screen Door Closer uses a coil spring that automatically pulls screen doors closed when opened. Mounts easily to the door frame with just two screws, and has a retracting nylon cord that conveniently closes the door. One closer with installation hardware is included in a retail package.

NOTE: Maximum opening width is 34-1/2" (877 mm).



CAT. NO.	FINISH	QTY/PKG
KL01	White	1

Minimum order: 1 each.



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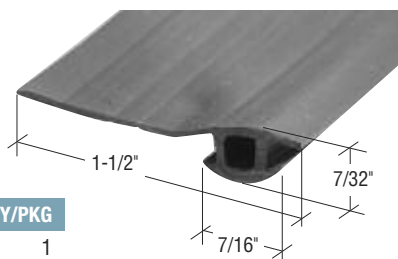
US ALUMINUM 196W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL SLIDING SCREEN DOOR BUG SEALS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Bug Strip

Black vinyl flap has tear strips to adjust width from 7/8" to 1-1/2"; flexible; seals against insects.

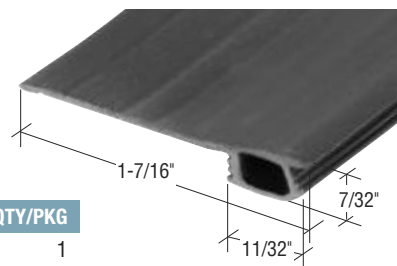


CAT. NO.	LENGTH	QTY/PKG
B621	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Bug Strip

Black vinyl flap has tear strips to adjust width from 3/4" to 1-7/16"; flexible; seals against insects.

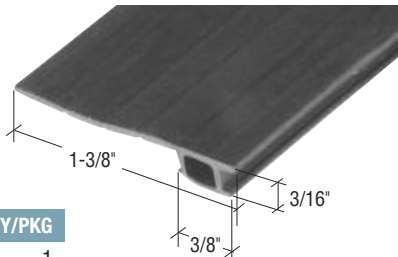


CAT. NO.	LENGTH	QTY/PKG
B705	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Bug Strip

Black vinyl flap has tear strips to adjust width from 7/8" to 1-3/8"; flexible; seals against insects.

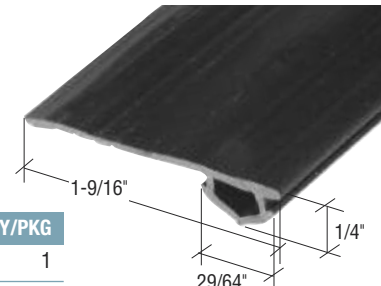


CAT. NO.	LENGTH	QTY/PKG
B660	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Bug Strip

Black vinyl flap has tear strips to adjust width from 9/16" to 1-9/16"; flexible; seals against insects.

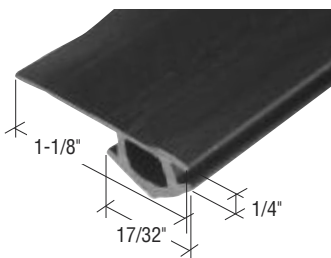


CAT. NO.	LENGTH	QTY/PKG
B708	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Bug Strip

Black vinyl flap has tear strips to adjust width from 3/4" to 1-1/8"; flexible; seals against insects.

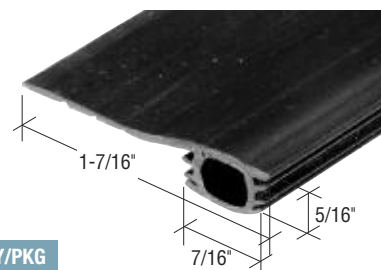


CAT. NO.	LENGTH	QTY/PKG
B771	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Bug Strip

Black vinyl flap has tear strips to adjust width from 7/8" to 1-7/16"; flexible; seals against insects.

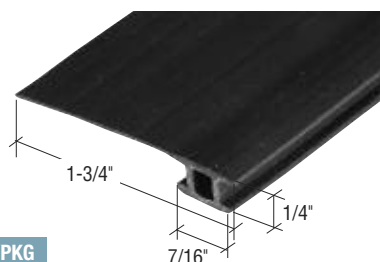


CAT. NO.	LENGTH	QTY/PKG
B716	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Bug Strip

Black vinyl flap has tear strips to adjust width to 1-3/4"; flexible; seals against insects.

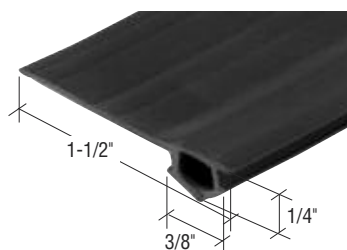


CAT. NO.	LENGTH	QTY/PKG
B791	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Bug Strip

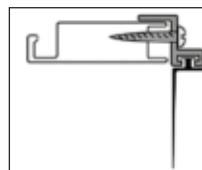
CRL's most popular flexible vinyl Bug Strip has tear strips to easily size the strip to the correct gap width. Available in two colors and roll lengths. Seals up to a 15/16" (23.8 mm) gap.



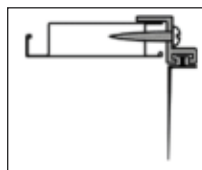
GRAY CAT. NO.	BLACK CAT. NO.	LENGTH	QTY/PKG
BS3109C	BS3109BLC	100' (30.5 m)	1 Roll
BS3109M	BS3109BLM	1000' (305 m)	1 Roll

Minimum order: 1 roll.

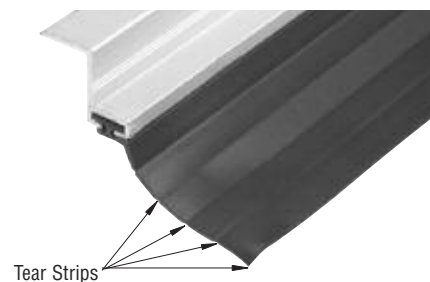
CRL Bug Strip



Typical Installation on Roll-Formed Door



Typical Installation on Extruded Door



Anodized aluminum molding; 1-1/4" wide vinyl flap is segmented into 1/4" strips you can tear to desired size; pre-punched for screws.

CAT. NO.	COLOR	LENGTH	QTY/PKG
B613	Clear Anodized	84" (2.1 m)	5
B614	Clear Anodized	96" (2.4 m)	5
B615	Black Anodized	84" (2.1 m)	5
B616	Black Anodized	96" (2.4 m)	5

Minimum order: 5 each. Must be ordered in increments of five.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Sliding Screen Door Grilles

- Protects Screen Cloth From Small Children and Pets
- Constructed From Heavy-Duty Steel
- Very Attractive and Easy to Install
- Available in Gray, Bronze, and White



These attractive CRL Sliding Screen Door Grilles are 33" (838 mm) tall, and have mounting tabs that extend 2" (51 mm) on either side of the grille to fit a range of door widths. They are made from heavy-duty steel with rattle-free interlock construction (no screws or rivets to work loose). The grille's Florentine pattern will not mar the view or the airflow. Three sizes are available to fit any sliding screen door from 29" to 49" (737 to 1245 mm) wide. Available in three long-life finishes. Takes only minutes to install.



CAT. NO.	FINISH	WIDTH RANGE	QTY/CTN
PG26	Gray	29" to 31" (737 to 787 mm)	6
PG26BRZ	Bronze	29" to 31" (737 to 787 mm)	6
PG26W	White	29" to 31" (737 to 787 mm)	6
PG30	Gray	35" to 37" (889 to 940 mm)	6
PG30BRZ	Bronze	35" to 37" (889 to 940 mm)	6
PG30W	White	35" to 37" (889 to 940 mm)	6
PG40	Gray	47" to 49" (1194 to 1245 mm)	6
PG40BRZ	Bronze	47" to 49" (1194 to 1245 mm)	6
PG40W	White	47" to 49" (1194 to 1245 mm)	6

Minimum order for shipment is six each; fewer than six may be purchased in Will Call at any CRL Service Center. Sizes and finishes can be combined for quantity pricing.

CRL Swinging Screen Door Grilles

- Close Weave Mesh Protects Screen Wire From Children and Pets
- Available in Long-Life Satin Anodized, Bronze, and White Finishes
- One Width Fits 30" to 36" (762 to 914 mm) Wide Doors

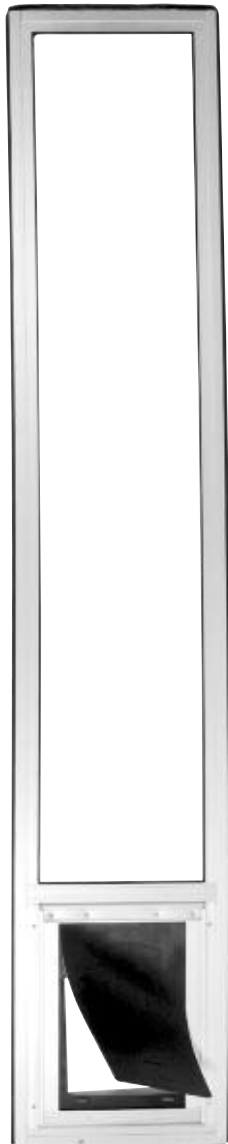
These CRL Swinging Screen Door Grilles are only 24-5/8" (625 mm) tall, the perfect height to fit both screen and storm doors where a grille with a shorter height is required to accommodate a kick plate. The grille mesh is 26" (660 mm) wide, and has mounting tabs that extend 4-1/4" (108 mm) on either side of the grille. They are fabricated from heavy-duty aluminum in three long-life plated or painted finishes. The pressed and dimpled outer frame provides rattle-free construction (no screws or rivets to come loose). The grille's close weave expansion produces superior screen cloth protection while not diminishing air flow. Installs in minutes.

CAT. NO.	FINISH	WIDTH RANGE	QTY/CTN
PSG1	Satin Anodized	30" to 36" (762 to 914 mm)	6
PSG1BRZ	Bronze	30" to 36" (762 to 914 mm)	6
PSG1W	White	30" to 36" (762 to 914 mm)	6

Minimum order for shipment is six each; fewer than six may be purchased in Will Call at any CRL Service Center. Sizes and finishes can be combined for quantity pricing.



CRL Deluxe Pet Panels



- Easy Entry and Exit for Your Pets
- Sturdy Extruded Aluminum Frame
- Clear Anodized Protective Finish
- Clear Tempered Glass
- Fits Doors 78" to 81" (1981 to 2057 mm) High
- Fits Left or Right Hand Sliding Doors
- Use of Sliding Door Not Affected
- Easily Installed or Removed With No Special Tools
- No Holes to Cut or Alterations to Make
- Full Length Vinyl Weatherstripping

With a CRL Deluxe Pet Panel, pets can come and go without disturbing you. We've combined a Deluxe Pet Door with a panel of tempered glass, and surrounded it with a sturdy extruded aluminum frame. The top and bottom channels adjust, allowing the panel to fit door openings from 78" to 81" (1981 to 2057 mm) high. Full length weatherstripping keeps out dust, drafts, and insects. It is easily installed in minutes without any special tools – there are no holes to cut or alterations to make.

CRL Deluxe Pet Panels do not interfere with human use of the doors, and each Pet Panel has a lock pin for security. CRL Deluxe Pet Panels have clear anodized finishes, so they will blend in with aluminum finish door frames.

CAT. NO.	FLAP SIZE	OVERALL SIZE
SDPP300	4-3/4" x 7-1/8" (120 x 181 mm)	10-5/8" x 78" (270 x 1981 mm)
MDPP400	8-1/2" x 12-1/2" (216 x 317 mm)	14-1/4" x 78" (362 x 1981 mm)
LDPP500	11-1/2" x 16-7/8" (292 x 429 mm)	17-1/8" x 78" (435 x 1981 mm)

Minimum order: 1 each.

CRL Deluxe Pet Doors



- Can Be Used in Doors or Walls
- Flexible Rubber Flap Opens and Closes Quietly

Give pets the convenience of easy entry and exit with CRL Deluxe Pet Doors. They are available in three sizes to accommodate all pets – from small kittens to large dogs. All feature a tough, flexible rubber flap with permanent magnets to keep them closed when not in use. The sturdy extruded aluminum frame has an anodized finish to resist corrosion. A rigid hardboard security panel slips into guides inside or outside to keep pets from using the door. Pet Doors can be installed in walls or doors with a minimum thickness of 1/4" (6.3 mm), and are supplied with all necessary fasteners.

DELUXE PET DOORS

CAT. NO.	FLAP SIZE	OVERALL SIZE
SD300	4-3/4" x 7-1/8" (120 x 181 mm)	9-1/8" x 10" (232 x 254 mm)
MD400	8-1/2" x 12-1/2" (216 x 317 mm)	12-3/4" x 15-1/4" (324 x 387 mm)
LD500	11-1/2" x 16-7/8" (292 x 429 mm)	15-3/8" x 19-3/4" (391 x 502 mm)

Minimum order: 1 each.

REPLACEMENT MAGNETIC U-FRAME AND RUBBER FLAP

CAT. NO.	FITS PET DOOR NO.	FLAP SIZE
SF300	SD300	4-3/4" x 7-1/8" (120 x 181 mm)
MF400	MD400	8-1/2" x 12-1/2" (216 x 317 mm)
LF500	LD500	11-1/2" x 16-7/8" (292 x 429 mm)

Minimum order: 1 each.

CRL Pet Door Screen Adapter



- Can Be Installed in Any 1/2" (12.7 mm) Thick Sliding Screen Door Frame
- Three Sizes to Fit Any Deluxe Pet Door

These completely reversible CRL Pet Door Adapter Frames can be mounted in either the left or right hand corner of a sliding screen door. They protect screens from pet damage, and save endless trips to let pets in or out. Easily and quickly installed, they are effective – pets catch on in minutes. Pet Door must be ordered separately (see above).

CAT. NO.	HOLDS PET DOOR NO.	OVERALL SIZE
A300	SD300	10-5/8" x 12-3/4" (270 x 324 mm)
A400	MD400	14-1/8" x 18" (359 x 457 mm)
A500	LD500	17-1/8" x 22-1/16" (435 x 560 mm)

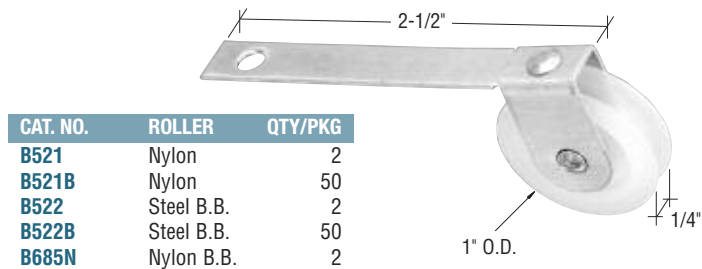
Minimum order: 1 each.

CRL SLIDING SCREEN DOOR ROLLERS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.



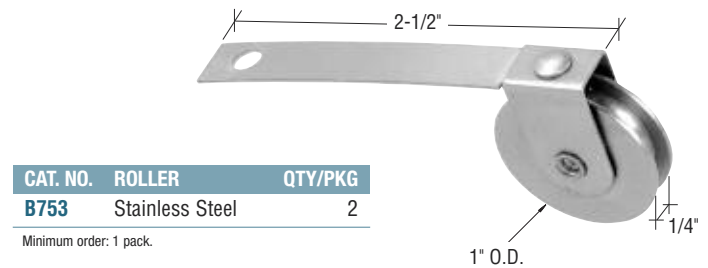
CAT. NO.	ROLLER	QTY/PKG
B521	Nylon	2
B521B	Nylon	50
B522	Steel B.B.	2
B522B	Steel B.B.	50
B685N	Nylon B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

• All Stainless Steel

Stainless steel center groove roller; heat treated, high tension stainless steel spring.



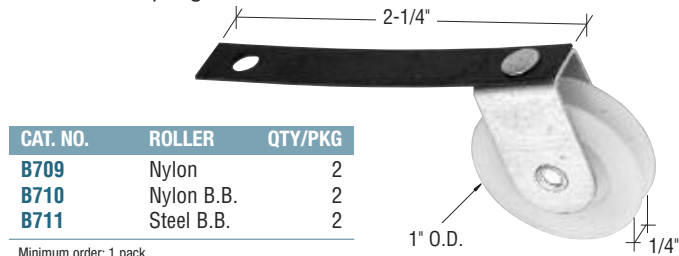
CAT. NO.	ROLLER	QTY/PKG
B753	Stainless Steel	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

• Popular in Canada

Center groove roller; heat treated, high tension steel spring.

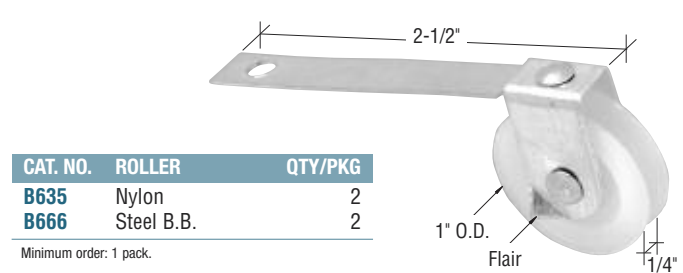


CAT. NO.	ROLLER	QTY/PKG
B709	Nylon	2
B710	Nylon B.B.	2
B711	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring; with angle stops to prevent roller retracting too far into door frame or adjustment hood on uni-fit doors.

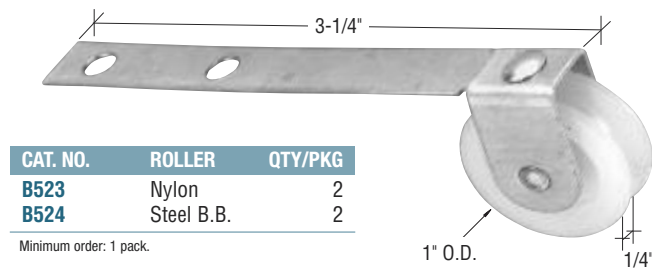


CAT. NO.	ROLLER	QTY/PKG
B635	Nylon	2
B666	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.



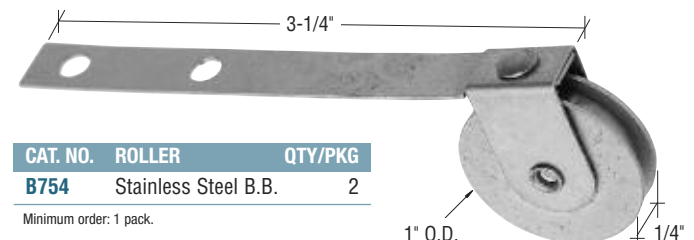
CAT. NO.	ROLLER	QTY/PKG
B523	Nylon	2
B524	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

• All Stainless Steel

Stainless steel ball bearing center groove roller; heat treated, high tension stainless steel spring.

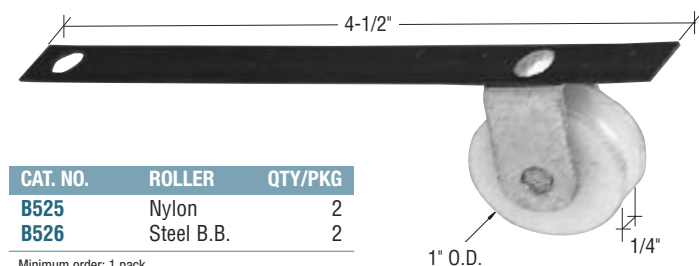


CAT. NO.	ROLLER	QTY/PKG
B754	Stainless Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.

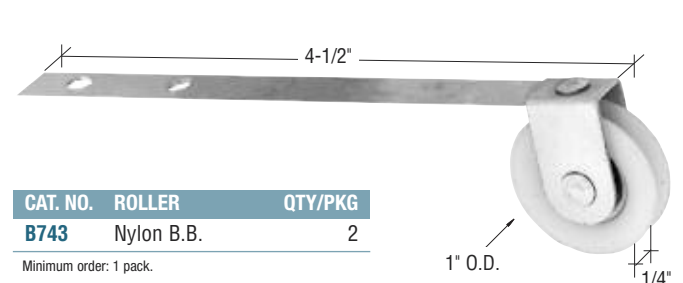


CAT. NO.	ROLLER	QTY/PKG
B525	Nylon	2
B526	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Nylon ball bearing center groove roller; heat treated, high tension stainless steel spring.



CAT. NO.	ROLLER	QTY/PKG
B743	Nylon B.B.	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



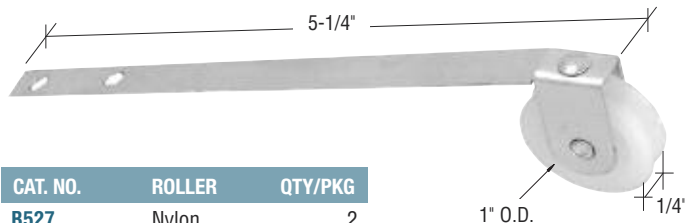
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CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.



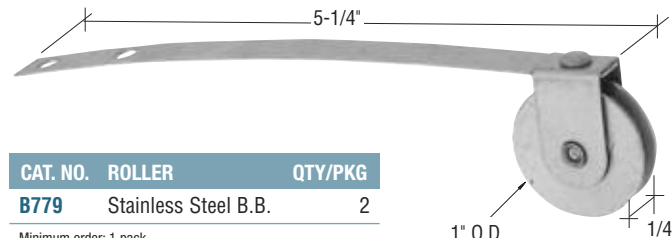
CAT. NO.	ROLLER	QTY/PKG
B527	Nylon	2
B528	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

• All Stainless Steel

Stainless steel ball bearing center groove roller; heat treated, high tension stainless steel spring.

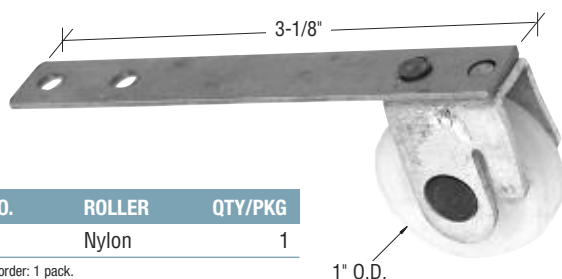


CAT. NO.	ROLLER	QTY/PKG
B779	Stainless Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Nylon center groove roller; heat treated, high tension steel spring; used by Andersen.



CAT. NO.	ROLLER	QTY/PKG
B744	Nylon	1

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Nylon center groove roller; heat treated tension spring; fits Andersen doors.

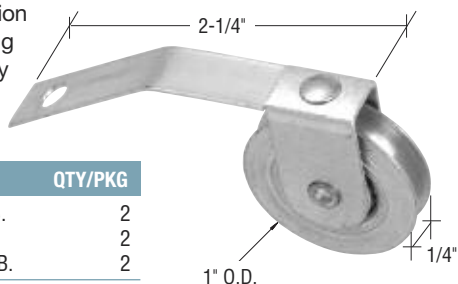


CAT. NO.	ROLLER	QTY/PKG
B745	Nylon	1

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring; bent spring design; fits on doors by Academy Mfg. Co.

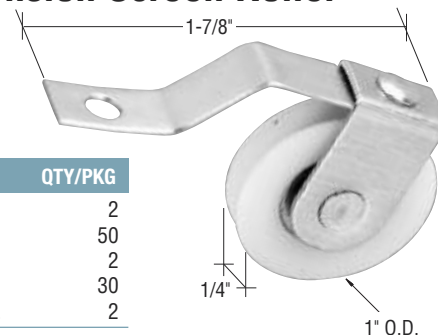


CAT. NO.	ROLLER	QTY/PKG
B576	Steel B.B.	2
B609	Nylon	2
B686N	Nylon B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.



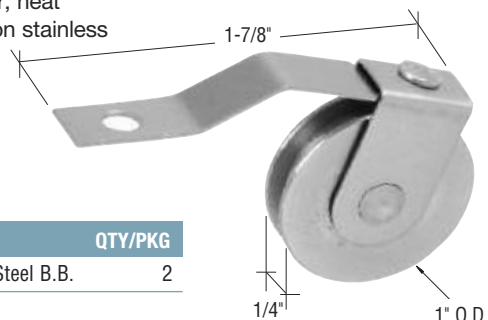
CAT. NO.	ROLLER	QTY/PKG
B638	Nylon	2
B638B	Nylon	50
B639	Steel B.B.	2
B639B	Steel B.B.	30
B687	Nylon B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

• All Stainless Steel

Stainless steel ball bearing center groove roller; heat treated, high tension stainless steel spring.

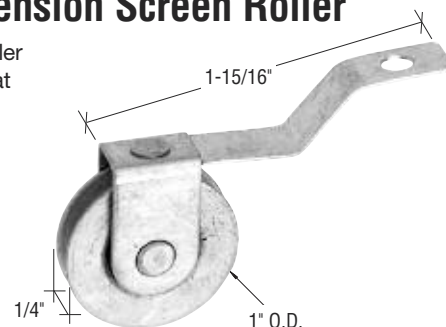


CAT. NO.	ROLLER	QTY/PKG
B756	Stainless Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Steel ball bearing roller with center groove; heat treated, inverted high tension steel spring.



CAT. NO.	ROLLER	QTY/PKG
B739	Steel B.B.	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL SLIDING SCREEN DOOR ROLLERS

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CRL Spring Tension Screen Roller

Center groove roller; adjustable heat treated high tension steel spring; used by several patio door manufacturers.

new

• New Stainless Steel Roller Available

CAT. NO.	ROLLER	QTY/PKG
B512	Nylon	2
B512B	Nylon	50
B513	Steel B.B.	2
B513B	Steel B.B.	50
B640	Nylon B.B.	2
B770	Stainless Steel B.B.	2

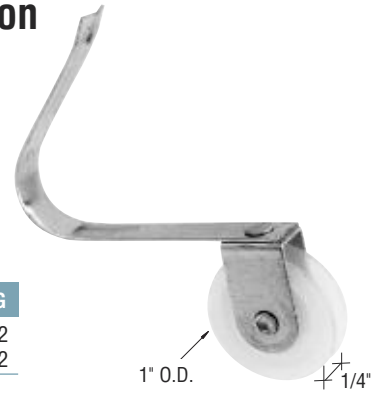
Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated high tension steel spring.

CAT. NO.	ROLLER	QTY/PKG
B504	Nylon	2
B505	Steel B.B.	2

Minimum order: 1 pack.



CRL Spring Tension Screen Roller

Center groove roller; heat treated high tension steel spring.

CAT. NO.	ROLLER	QTY/PKG
B570	Nylon	2
B570B	Nylon	50
B571	Steel B.B.	2
B571B	Steel B.B.	50
B688N	Nylon B.B.	2

Minimum order: 1 pack.



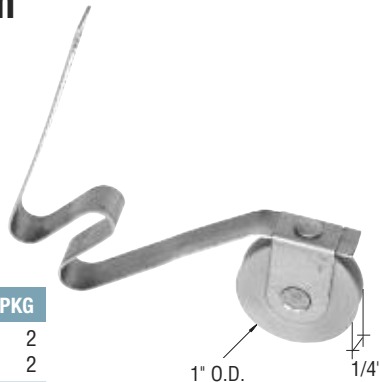
CRL Spring Tension Screen Roller

• Stainless Steel

Center groove roller; adjustable heat treated high tension stainless steel spring.

CAT. NO.	ROLLER	QTY/PKG
B747	Nylon	2
B746	Stainless Steel B.B.	2

Minimum order: 1 pack.

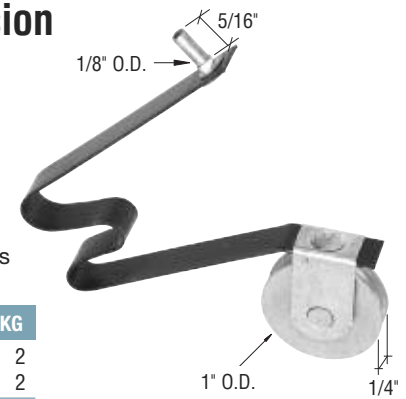


CRL Spring Tension Screen Roller With Rivet

Center groove roller; adjustable heat treated high tension steel spring; 1/8" locator pin holds roller in fixed position; used on doors made by Jim Walters Inc.

CAT. NO.	ROLLER	QTY/PKG
B643	Nylon	2
B644	Steel B.B.	2

Minimum order: 1 pack.

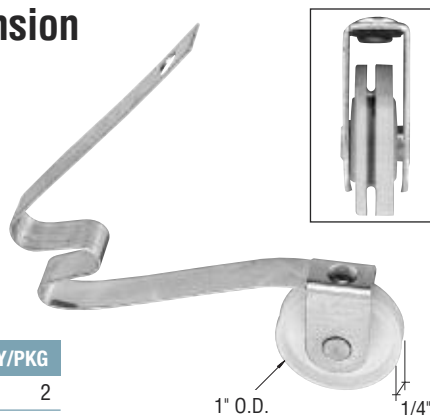


CRL Spring Tension Screen Roller

Nylon roller with offset groove; adjustable heat treated high tension steel spring.

CAT. NO.	ROLLER	QTY/PKG
B632	Nylon	2

Minimum order: 1 pack.

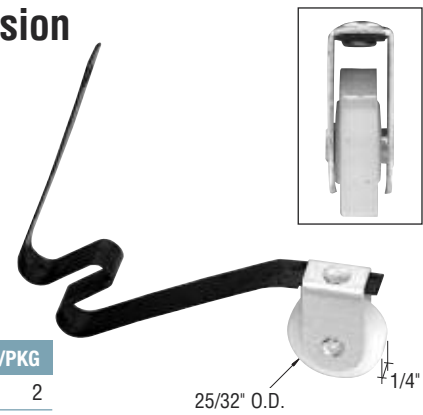


CRL Spring Tension Screen Roller

Flat nylon roller; adjustable heat treated high tension steel spring.

CAT. NO.	ROLLER	QTY/PKG
B750	Nylon	2

Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.



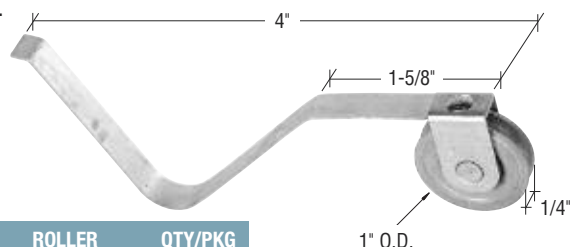
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CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.

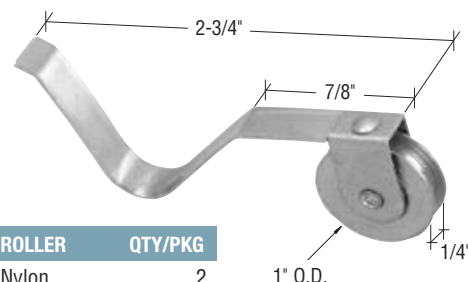


CAT. NO.	ROLLER	QTY/PKG
B507	Nylon	2
B508	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.

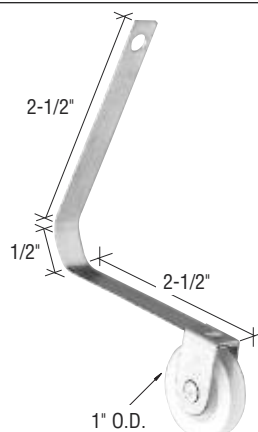


CAT. NO.	ROLLER	QTY/PKG
B509	Nylon	2
B510	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.

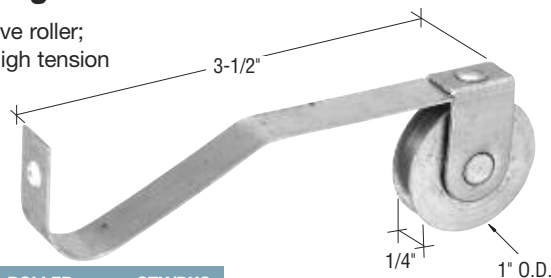


CAT. NO.	ROLLER	QTY/PKG
B698	Nylon	2
B699	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.

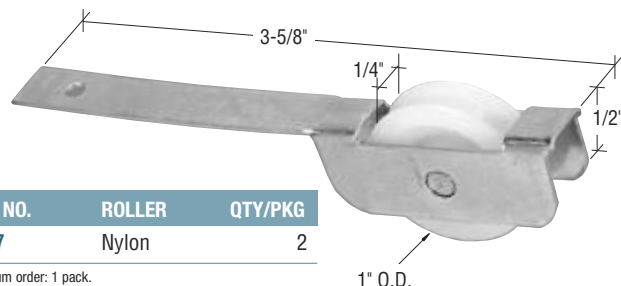


CAT. NO.	ROLLER	QTY/PKG
B572	Nylon	2
B506	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Nylon roller with center groove; heat treated, high tension steel spring; one piece spring and housing.

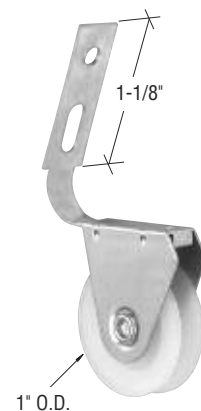


CAT. NO.	ROLLER	QTY/PKG
B577	Nylon	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Nylon roller with center groove; steel housing; heat treated, high tension steel spring; fits on doors by Arcadia.

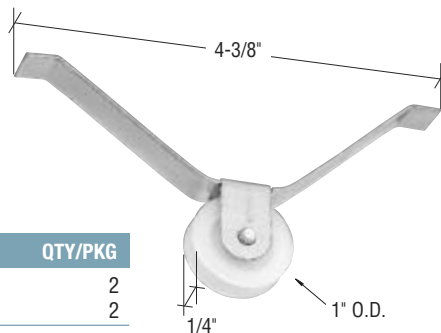


CAT. NO.	ROLLER	QTY/PKG
B655	Nylon	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.

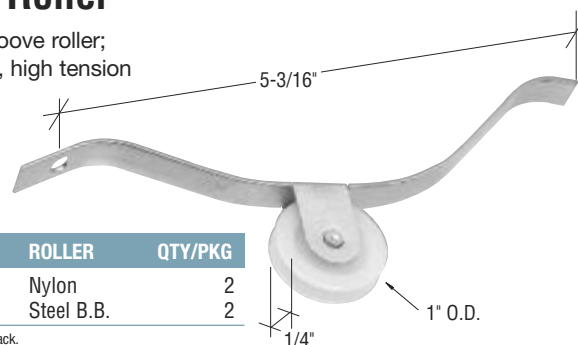


CAT. NO.	ROLLER	QTY/PKG
B501	Nylon	2
B502	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated, high tension steel spring.



CAT. NO.	ROLLER	QTY/PKG
B574	Nylon	2
B500	Steel B.B.	2

Minimum order: 1 pack.

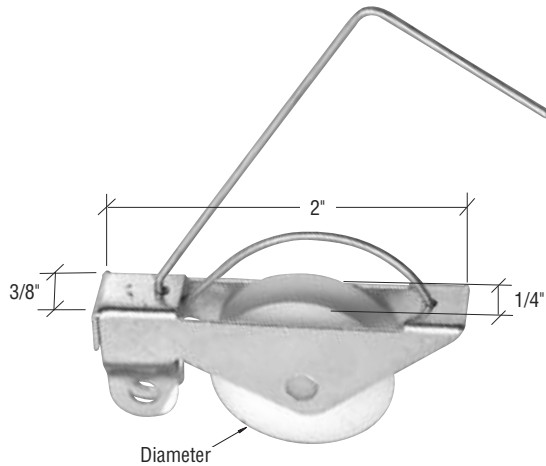
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CRL SLIDING SCREEN DOOR ROLLERS

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CRL Spring Tension Screen Roller

Center groove roller; used as a top and bottom roller.

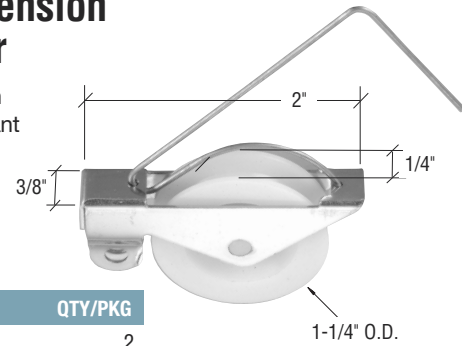


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
B541	Nylon	1"	2
B541B	Nylon	1"	50
B610	Steel B.B.	1"	2
B610B	Steel B.B.	1"	50
B515	Nylon	1-1/4"	2
B515B	Nylon	1-1/4"	50
B714	Steel B.B.	1-1/4"	2

Minimum order: 1 pack

CRL Spring Tension Screen Roller

Center groove nylon roller; corrosion resistant stainless steel housing and spring; used as a top and bottom roller.

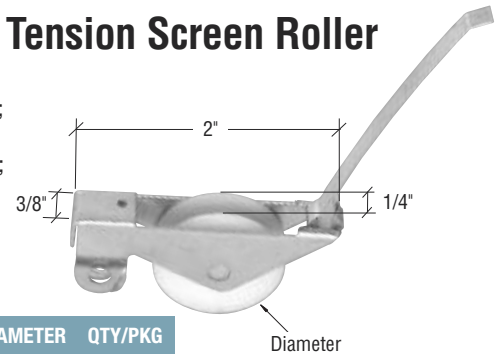


CAT. NO.	ROLLER	QTY/PKG
B736	Nylon	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; steel housing; heat treated high tension steel spring; used as top and bottom roller.

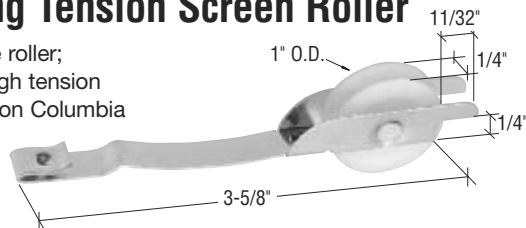


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
B514	Nylon	1"	2
B636	Nylon	1-1/4"	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; steel housing; high tension steel spring; fits on Columbia Uni-fit doors.

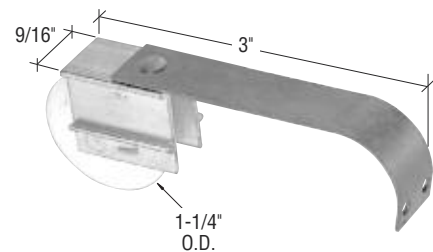


CAT. NO.	ROLLER	QTY/PKG
B649	Nylon	2
B649B	Nylon	50
B704	Steel B.B.	2
B723	Nylon B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Nylon roller with aluminum housing; heat treated high tension steel spring; fits on "old style" Peachtree doors.

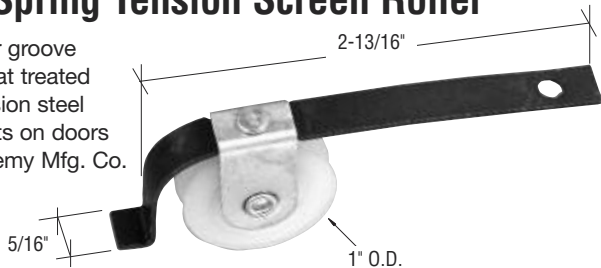


CAT. NO.	ROLLER	QTY/PKG
B659	Nylon	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; heat treated high tension steel spring; fits on doors by Academy Mfg. Co.



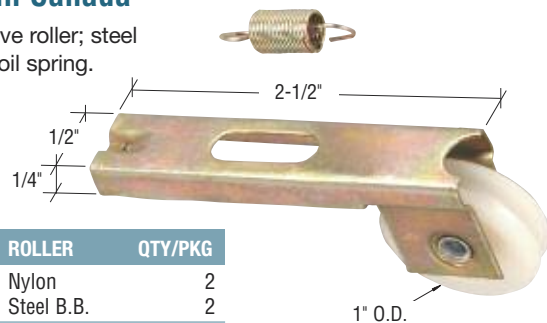
CAT. NO.	ROLLER	QTY/PKG
B681	Nylon	2
B717	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

• Popular in Canada

Center groove roller; steel bracket with coil spring.



CAT. NO.	ROLLER	QTY/PKG
B728	Nylon	2
B729	Steel B.B.	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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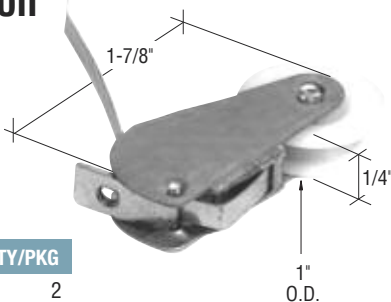
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CRL SLIDING SCREEN DOOR ROLLERS

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CRL Spring Tension Screen Roller

Center groove roller; steel housing; heat-treated, high tension steel spring; used as a top and bottom roller.

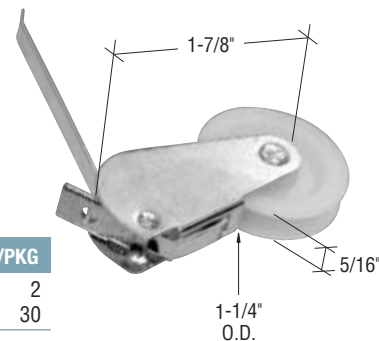


CAT. NO.	ROLLER	QTY/PKG
B518	Nylon	2
B518B	Nylon	50
B608	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

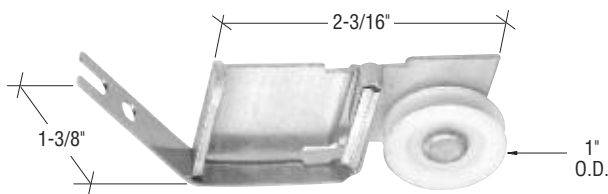
Center groove roller; steel housing; heat-treated, high tension steel spring; used as a top and bottom roller.



CAT. NO.	ROLLER	QTY/PKG
B654	Nylon	2
B654B	Nylon	30

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

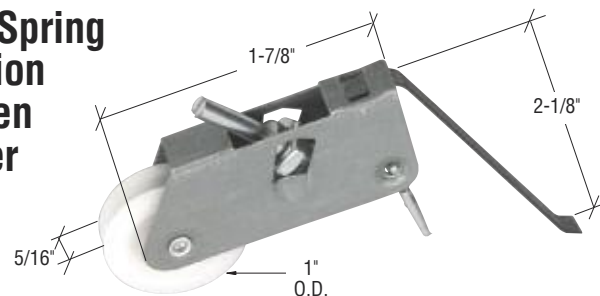


Adjustable roller with center groove; extruded aluminum housing with steel spring; fits on International Series 900, 925, 950 doors.

CAT. NO.	ROLLER	QTY/PKG
B517	Nylon	2
B689	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

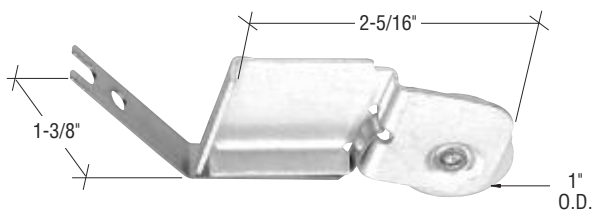


Nylon roller with center groove; steel housing; heat treated, high tension steel spring.

CAT. NO.	ROLLER	QTY/PKG
B516	Nylon	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

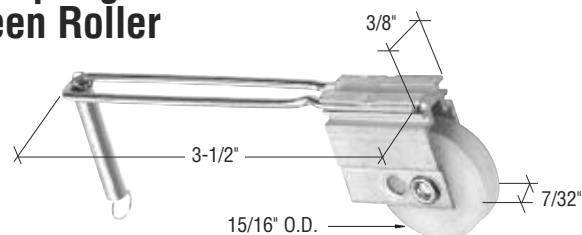


Adjustable roller with center groove; extruded aluminum housing with steel spring; fits on International Series 900, 925, 950 doors.

CAT. NO.	ROLLER	QTY/PKG
B634	Nylon	2
B690	Steel B.B.	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller



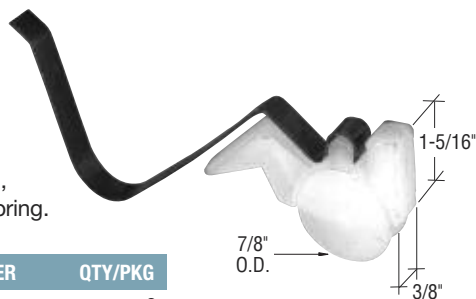
Nylon roller with center groove; diecast housing; heat treated steel wire loop with extension spring.

CAT. NO.	ROLLER	QTY/PKG
B519	Nylon	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Nylon roller and housing with center groove; heat treated, high tension steel spring.



CAT. NO.	ROLLER	QTY/PKG
B511	Nylon	2

Minimum order: 1 pack.

CRL Screen Wire

• All Types, Widths, and Colors

For more information on CRL's quality Screen Wire see pages 136W-144W.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL SLIDING SCREEN DOOR ROLLERS

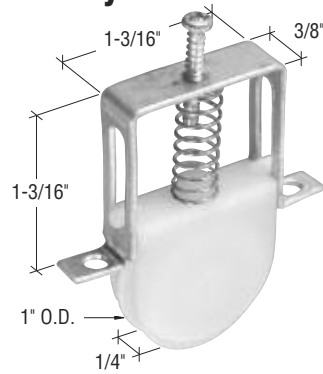
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CRL Screen Roller Assembly

Center groove roller; aluminum frame with nylon inner housing.

CAT. NO.	ROLLER	QTY/PKG
B530	Nylon	2
B530B	Nylon	50
B617	Steel B.B.	2
B617B	Steel B.B.	30
B718	Nylon B.B.	2

Minimum order: 1 pack.

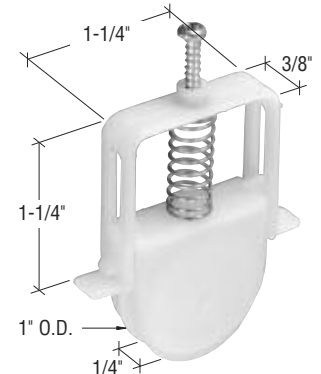


CRL Screen Roller Assembly

Center groove roller; nylon frame assembly with nylon inner housing.

CAT. NO.	ROLLER	QTY/PKG
B575	Nylon	2
B575B	Nylon	50
B631	Steel B.B.	2
B631B	Steel B.B.	30
B719	Nylon B.B.	2
B755	Stainless Steel B.B.	2

Minimum order: 1 pack.

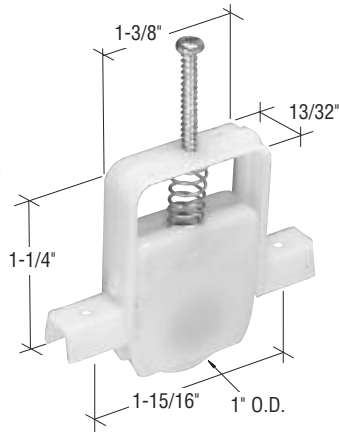


CRL Screen Roller Assembly

Center groove roller; nylon housing with adjustable nylon yoke; has thicker housing than B691.

CAT. NO.	ROLLER	QTY/PKG
B646	Nylon B.B.	2
B646B	Nylon B.B.	30
B737	Steel B.B.	2
B737B	Steel B.B.	30

Minimum order: 1 pack.

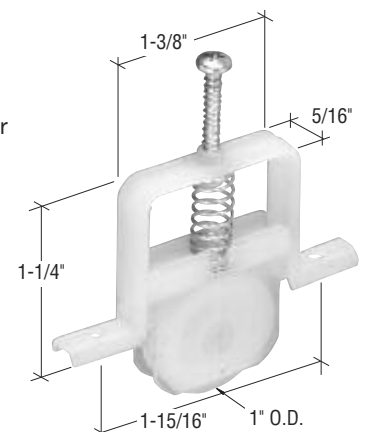


CRL Screen Roller Assembly

Center groove roller; has thinner nylon housing than B646; fits on doors by Columbia.

CAT. NO.	ROLLER	QTY/PKG
B691	Nylon	2
B695	Steel B.B.	2

Minimum order: 1 pack.

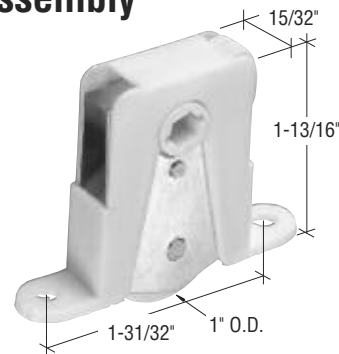


CRL Screen Roller Assembly

Nylon center groove roller; nylon outer housing, aluminum inner housing; fits Andersen doors.

CAT. NO.	ROLLER	QTY/PKG
B684	Nylon	2
B684B	Nylon	15

Minimum order: 1 pack.



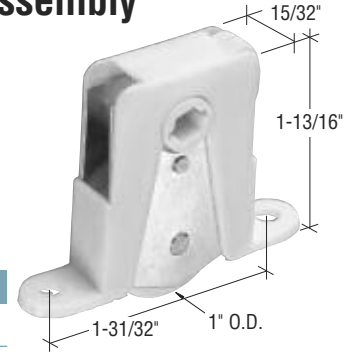
CRL Screen Roller Assembly

• Stainless Steel Roller

Center groove stainless steel ball bearing roller; stainless steel roller saddle with nylon outer housing; fits Andersen doors.

CAT. NO.	ROLLER	QTY/PKG
B751	Stainless Steel B.B.	2

Minimum order: 1 pack.

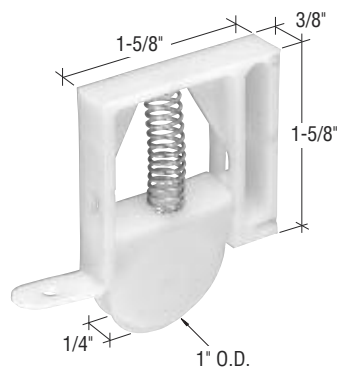


CRL Screen Roller Assembly

Center groove roller; nylon housing and yoke; used as top and bottom roller on Academy Uni-fit doors.

CAT. NO.	ROLLER	QTY/PKG
B529	Nylon	2
B624	Steel B.B.	2

Minimum order: 1 pack.

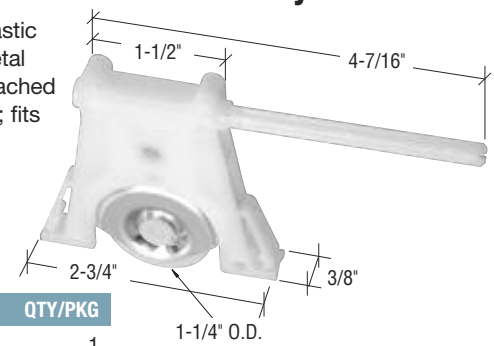


CRL Screen Roller Assembly

Nylon roller; plastic assembly with metal roller housing; attached adjustment screw; fits Andersen doors.

CAT. NO.	ROLLER	QTY/PKG
B715	Nylon	1

Minimum order: 1 pack.



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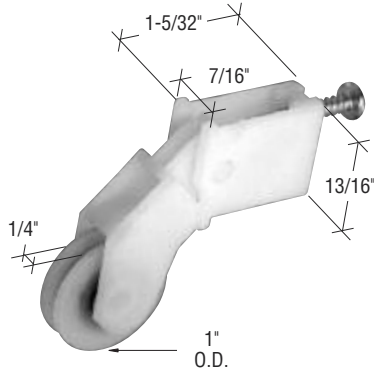
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CRL Screen Roller Assembly

Center groove roller; adjustable nylon housing; fits on doors by Peachtree; fits the same door as Cat. No. B656 (steel housing).

CAT. NO.	ROLLER	QTY/PKG
B645	Nylon B.B.	2
B645B	Nylon B.B.	30
B683	Steel B.B.	2

Minimum order: 1 pack.

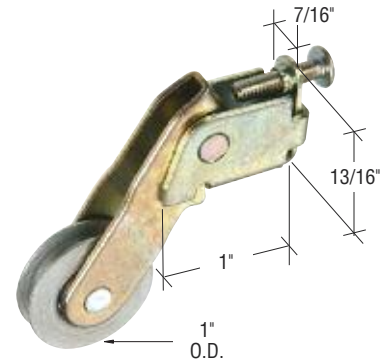


CRL Screen Roller Assembly

Center groove roller; adjustable steel housing; fits on doors by Peachtree; fits the same door as Cat. No. B645 (nylon housing).

CAT. NO.	ROLLER	QTY/PKG
B656	Steel B.B.	2
B656B	Steel B.B.	15
B721	Nylon B.B.	2

Minimum order: 1 pack.

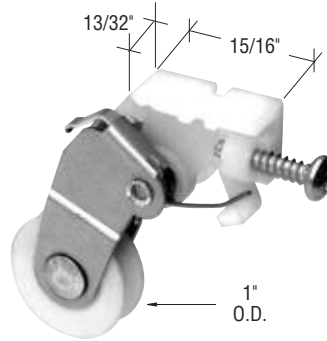


CRL Screen Roller Assembly

Center groove roller; nylon housing with adjustable aluminum yoke; fits on doors by Metal Industries.

CAT. NO.	ROLLER	QTY/PKG
B647	Nylon	2
B682	Steel B.B.	2
B722	Nylon B.B.	2

Minimum order: 1 pack.

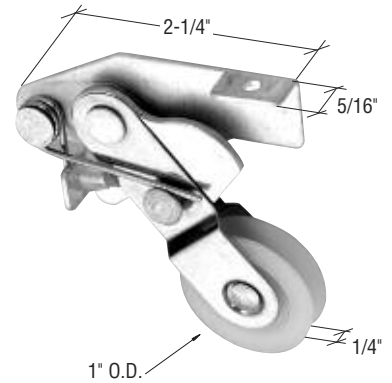


CRL Screen Roller Assembly

Center groove roller; aluminum spring loaded housing; aluminum sleeve with adjustment screw.

CAT. NO.	ROLLER	QTY/PKG
B641	Nylon	1
B641B	Nylon	15
B679	Steel B.B.	1
B720	Nylon B.B.	1

Minimum order: 1 pack.

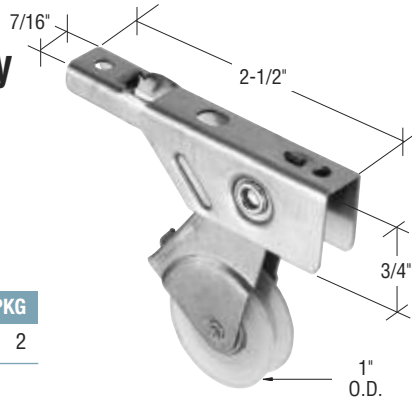


CRL Screen Roller Assembly

Nylon center groove roller; steel housing; spring loaded; fits on doors made by Metal Industries.

CAT. NO.	ROLLER	QTY/PKG
B664	Nylon	2

Minimum order: 1 pack.



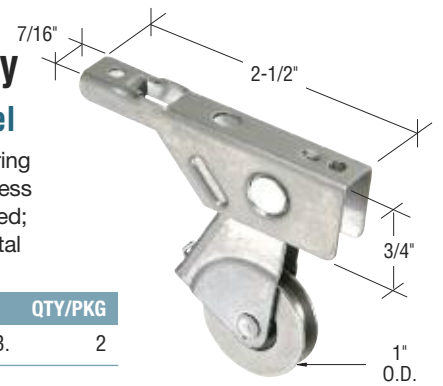
CRL Screen Roller Assembly

• All Stainless Steel

Stainless steel ball bearing center groove roller; stainless steel housing; spring loaded; fits on doors made by Metal Industries.

CAT. NO.	ROLLER	QTY/PKG
B665	Stainless Steel B.B.	2

Minimum order: 1 pack.

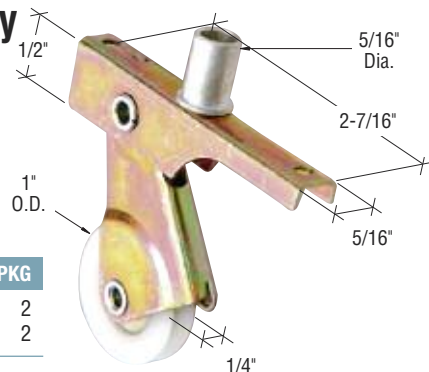


CRL Screen Roller Assembly

Spring loaded, steel housing with top adjustment screw; fits on doors made by Bay-Mills and other door manufacturers.

CAT. NO.	ROLLER	QTY/PKG
B701	Nylon	2
B702	Steel B.B.	2

Minimum order: 1 pack.

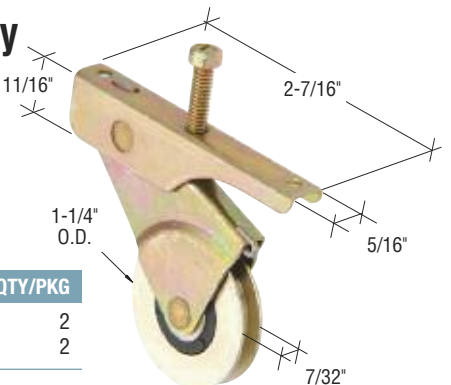


CRL Screen Roller Assembly

Spring loaded, steel housing with top adjustment screw; fits on doors made by Bay-Mills.

CAT. NO.	ROLLER	QTY/PKG
B740	Steel	2
B741	Stainless Steel	2

Minimum order: 1 pack.



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CRL SLIDING SCREEN DOOR ROLLERS

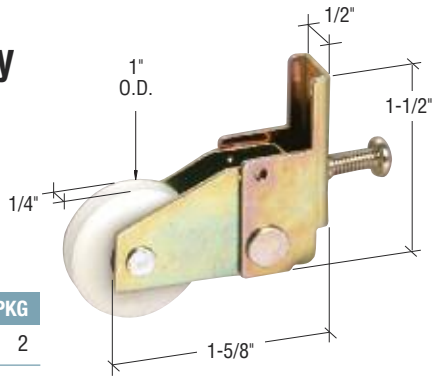
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CRL Screen Roller Assembly

Nylon ball bearing roller with center groove; adjustable steel housing; spring loaded; fits doors made by Pacesetter.

CAT. NO.	ROLLER	QTY/PKG
B605	Nylon B.B.	2

Minimum order: 1 pack.

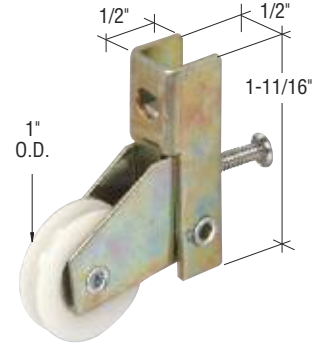


CRL Screen Roller Assembly

Nylon ball bearing roller; adjustable steel housing; spring loaded; fits doors made by Peachtree.

CAT. NO.	ROLLER	QTY/PKG
B606	Nylon B.B.	2

Minimum order: 1 pack.

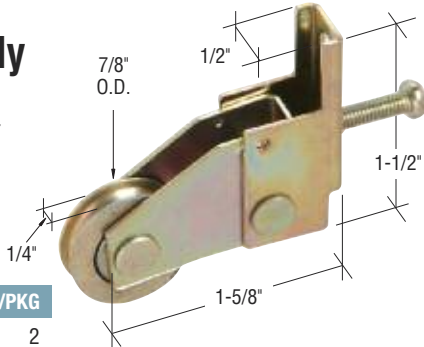


CRL Screen Roller Assembly

Steel ball bearing roller with center groove; adjustable steel housing; spring loaded; fits doors made by Pacesetter.

CAT. NO.	ROLLER	QTY/PKG
B669	Steel B.B.	2

Minimum order: 1 pack.

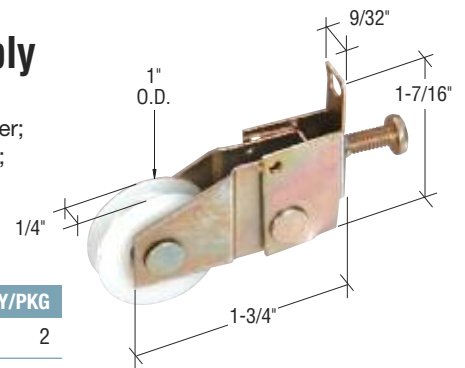


CRL Screen Roller Assembly

Nylon ball bearing roller; adjustable steel housing; spring loaded; fits doors made by Moss.

CAT. NO.	ROLLER	QTY/PKG
B777N	Nylon B.B.	2

Minimum order: 1 pack.

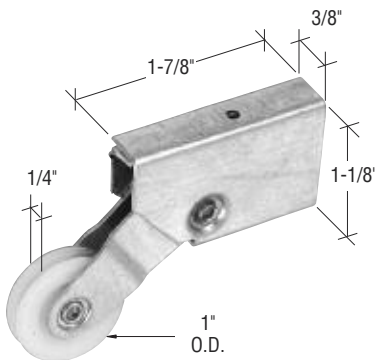


CRL Screen Roller Assembly

Center grooved nylon roller; stamped aluminum bracket; spring loaded.

CAT. NO.	ROLLER	QTY/PKG
B734	Nylon	2
B735	Steel B.B.	2

Minimum order: 1 pack.

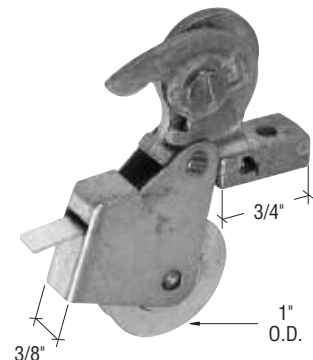


CRL Screen Roller Assembly

Steel ball bearing roller; adjustable die cast mounting bracket with stamped steel housing; one left and one right hand assembly.

CAT. NO.	ROLLER	QTY/PKG
B663	Steel B.B.	2

Minimum order: 1 pack.

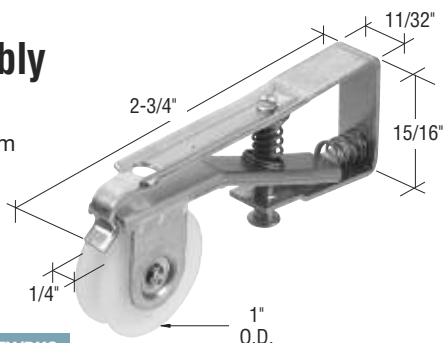


CRL Screen Roller Assembly

Nylon roller with center groove; aluminum housing with stainless steel spring; built-in screw adjustment feature; used by many door manufacturers.

CAT. NO.	ROLLER	QTY/PKG
B578	Nylon	2

Minimum order: 1 pack.



CRL Sliding Screen Door Latches and Pulls

- We Stock a Large Selection of Replacement Latches and Pulls for Screen Doors

See pages 220W-229W



All packs of Replacement Hardware can be combined for quantity pricing.



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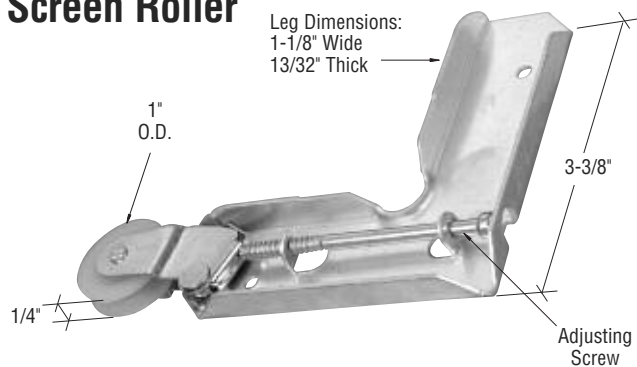
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CRL SLIDING SCREEN DOOR ROLLERS

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CRL Corner Insert With Screen Roller

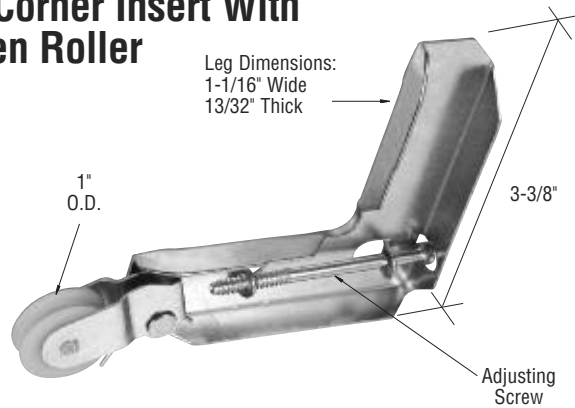


CAT. NO.	ROLLER	QTY/PKG
B604	Nylon	1
B604B	Nylon	20
B724	Nylon B.B.	1
B725	Steel B.B.	1
B748	Stainless Steel B.B.	1

Minimum order: 1 pack.

Center groove roller; stamped aluminum corner; adjusting screw; fits on doors by Jim Walters.

CRL Corner Insert With Screen Roller

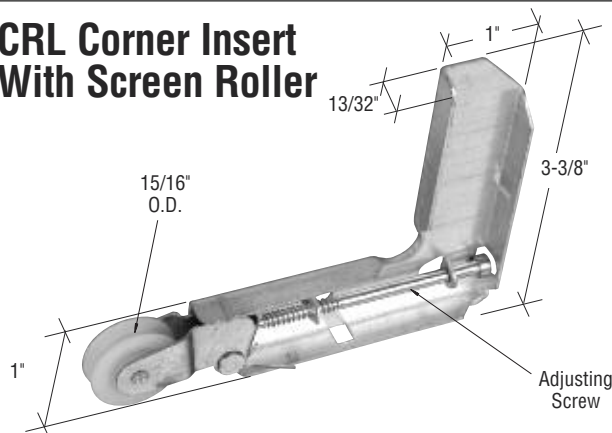


CAT. NO.	ROLLER	QTY/PKG
B607	Nylon	1
B607B	Nylon	20
B726	Nylon B.B.	1
B727	Steel B.B.	1
B749	Stainless Steel B.B.	1

Minimum order: 1 pack.

Center groove roller; stamped steel corner housing with spring activated adjusting screw; fits on doors by Metal Industries.

CRL Corner Insert With Screen Roller

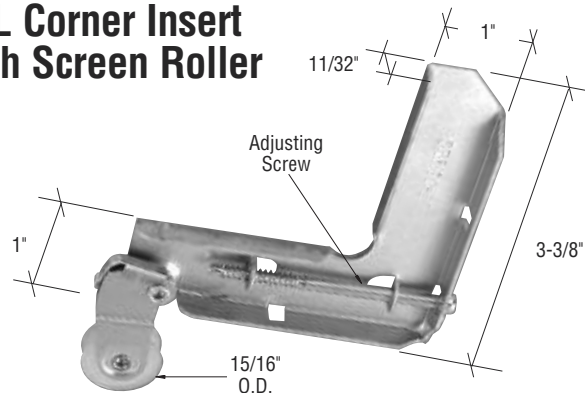


CAT. NO.	ROLLER	QTY/PKG
B693	Nylon	1

Minimum order: 1 pack.

Center groove nylon roller; stamped aluminum screen door corner assembly used by Acorn Industries.

CRL Corner Insert With Screen Roller



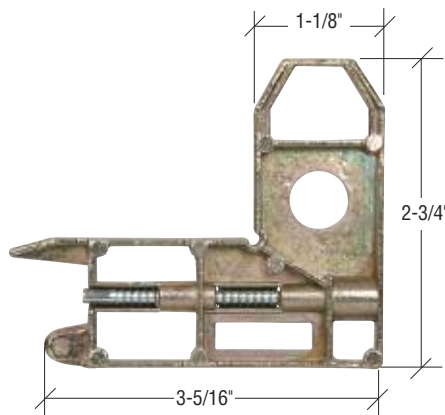
CAT. NO.	ROLLER	QTY/PKG
B773	Nylon	1

Minimum order: 1 pack.

Center groove roller; stamped aluminum corner; used on a very old series of Jim Walters screen doors.

CRL Corner Insert

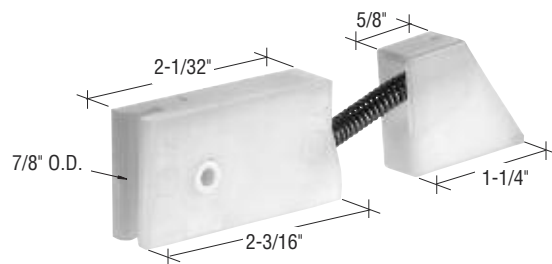
Die cast corner with adjustment screw; used with Cat. No. B515 type roller assemblies.



CAT. NO.	QTY/PKG
B569	2
B569B	20

Minimum order: 1 pack.

CRL Screen Roller Assembly



CAT. NO.	ROLLER	QTY/PKG
B785	Nylon	2

Minimum order: 1 pack.

Center groove nylon roller; two piece plastic roller housing; spring loaded adjustment screw.

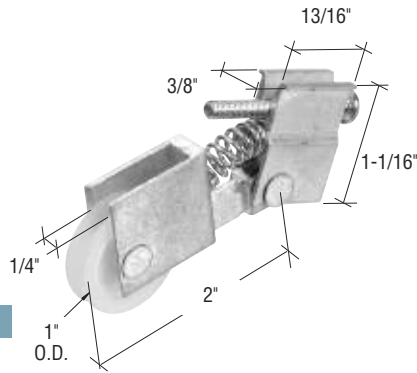
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CRL SLIDING SCREEN DOOR ROLLERS

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CRL Screen Roller Assembly

Nylon roller with narrow center groove; extruded aluminum housing; adjusting screw; fits on Miller screen doors.

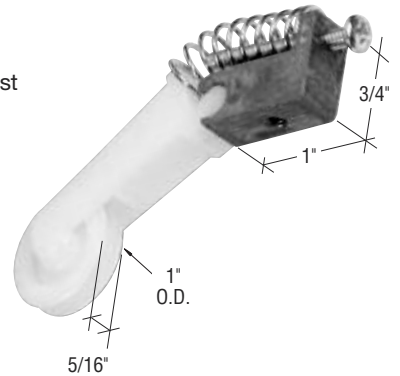


CAT. NO.	ROLLER	QTY/PKG
B586	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Center groove roller; die cast housing with adjustment screw; nylon yoke. **NOTE:** Original housing design was extruded aluminum.

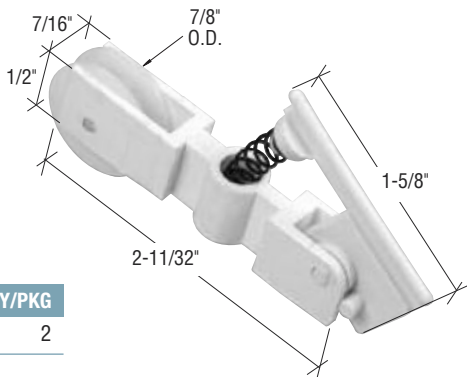


CAT. NO.	ROLLER	QTY/PKG
B582	Nylon	1
B733	Steel B.B.	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Center groove nylon roller; nylon housing; fits on Ozark and Chrysler doors.

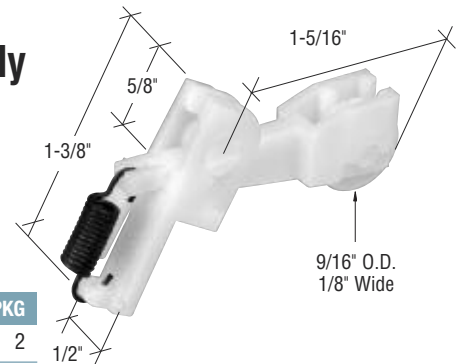


CAT. NO.	ROLLER	QTY/PKG
B694	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Nylon roller with nylon housing; spring loaded; one left and one right hand; used on Howard screen doors.

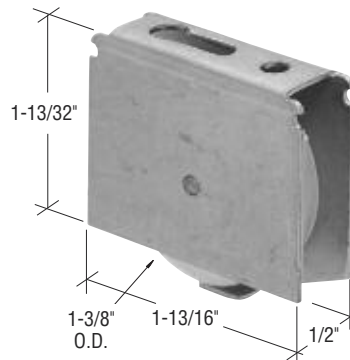


CAT. NO.	ROLLER	QTY/PKG
B584	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Nylon groove roller; zinc plated steel housing; brass axle; fits Pella screen doors.

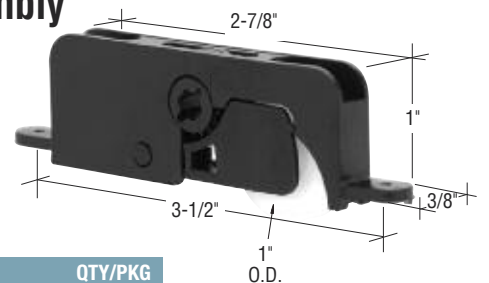


CAT. NO.	ROLLER	QTY/PKG
AG305	Nylon	1

Minimum order: 1 pack.

CRL Screen Roller Assembly

Center groove roller; nylon housing; side adjust feature; used on vinyl sliding screen doors.

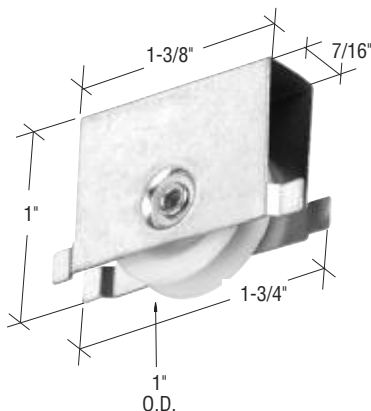


CAT. NO.	ROLLER	QTY/PKG
B758	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Center groove roller; steel housing; bottom roller on Empire and Better-Bilt adjustable sliding screen doors.



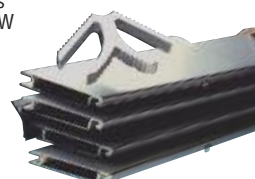
CAT. NO.	ROLLER	QTY/PKG
B579	Nylon	2
B612	Steel B.B.	2

Minimum order: 1 pack.

CRL K.D. Screen Door Kits

- Popular Sliding Screen Door Kits
- Individually Packaged and Ready to Ship U.P.S.

See pages 193W-195W



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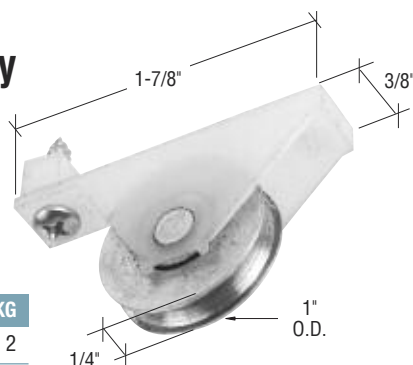
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CRL SLIDING SCREEN DOOR ROLLERS

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CRL Screen Roller Assembly

Center groove steel ball bearing roller; nylon housing; bottom mount.

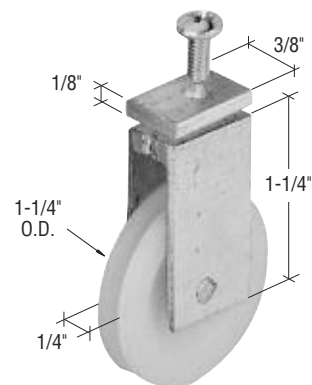


CAT. NO.	ROLLER	QTY/PKG
B547	Steel B.B.	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Narrow groove nylon roller; extruded aluminum housing and mounting cap.

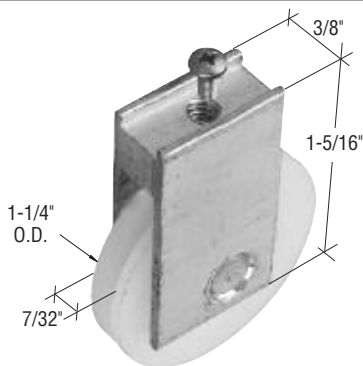


CAT. NO.	ROLLER	QTY/PKG
B580	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Narrow groove nylon roller; extruded aluminum housing.

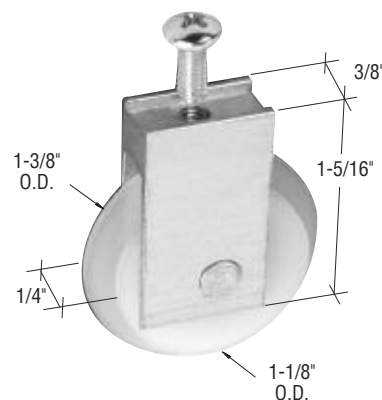


CAT. NO.	ROLLER	QTY/PKG
B581	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Nylon narrow center groove roller with one side of the roller having a larger diameter than the other; extruded aluminum housing.

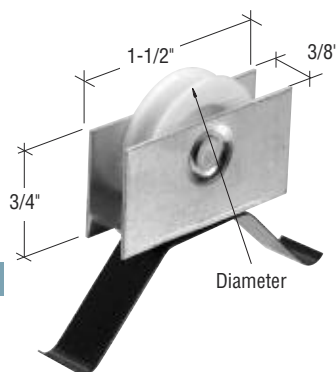


CAT. NO.	ROLLER	QTY/PKG
B587	Nylon	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Center groove roller; aluminum housing; heat-treated high tension steel spring; can be used as a top or bottom roller; fits on Keller doors.

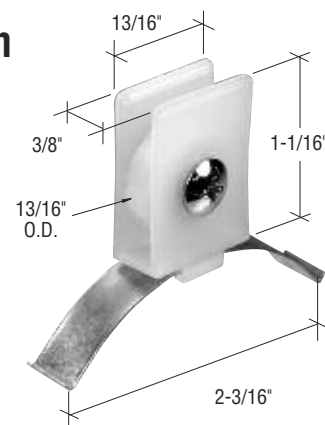


CAT. NO.	ROLLER	DIAM.	QTY/PKG
B503	Nylon	7/8"	2
B503B	Nylon	7/8"	50
B678	Steel B.B.	1"	2

Minimum order: 1 pack.

CRL Spring Tension Screen Roller

Flat nylon roller; nylon housing; high tension steel spring; aluminum axle; can be used as a top or bottom roller on Croft doors.



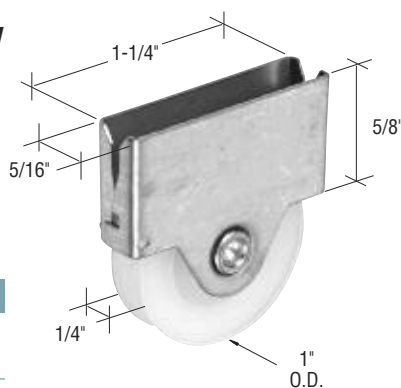
CAT. NO.	ROLLER	QTY/PKG
B625	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Center groove roller; stamped steel housing.

NOTE: This Roller fits on a stamped steel screen door corner which is no longer available.

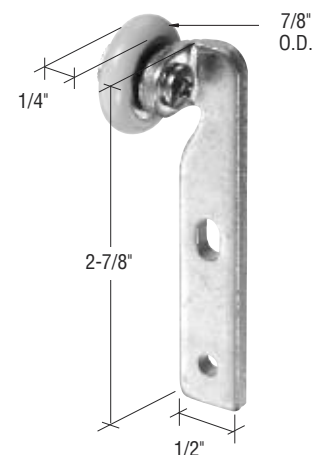


CAT. NO.	ROLLER	QTY/PKG
B652	Nylon	2
B696	Steel B.B.	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

Oval edge nylon ball bearing roller; top hung steel bracket; used on old style wood sliding screen doors.



CAT. NO.	ROLLER	QTY/PKG
B532	Nylon	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL SLIDING SCREEN DOOR ROLLERS

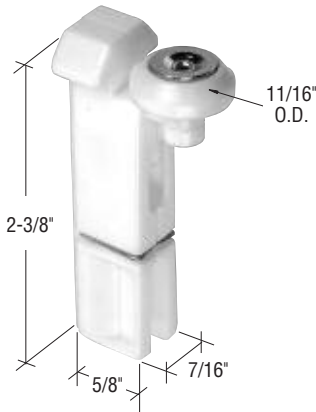
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CRL Screen Roller Assembly

Oval edge nylon ball bearing roller; top mount nylon housing; built-in guide; fits on Ador/HiLite doors.

CAT. NO.	ROLLER	QTY/PKG
B543	Nylon	2
B543B	Nylon	50

Minimum order: 1 pack.

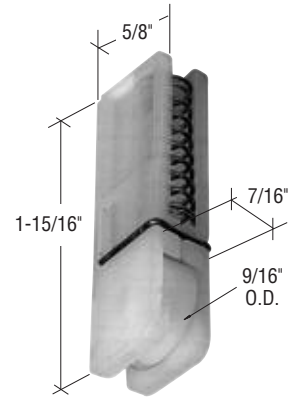


CRL Screen Roller Assembly

Flat edge nylon roller; bottom mount nylon bracket; fits on Ador/HiLite doors.

CAT. NO.	ROLLER	QTY/PKG
B544	Nylon	2
B544B	Nylon	50

Minimum order: 1 pack.

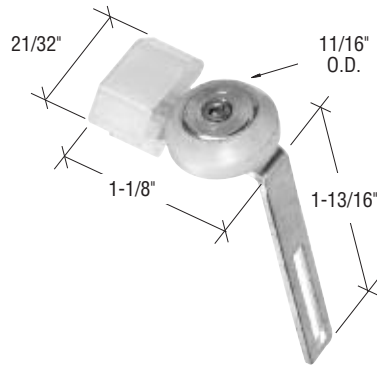


CRL Screen Roller Assembly

Oval edge nylon ball bearing roller; top hung steel bracket; with nylon guide; fits on Ador/HiLite doors.

CAT. NO.	ROLLER	QTY/PKG
B619	Nylon	2

Minimum order: 1 pack.

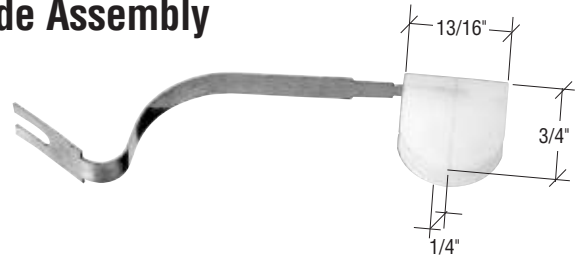


CRL Screen Bottom Guide Assembly

Nylon guide; bottom mount; heat treated, high tension steel spring; fits on Ador/HiLite doors.

CAT. NO.	QTY/PKG
B620	2

Minimum order: 1 pack.

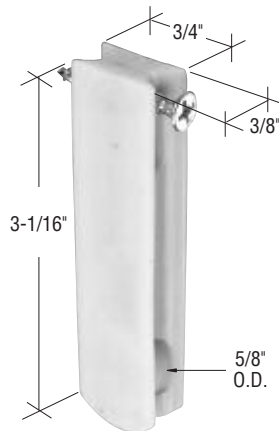


CRL Screen Roller Assembly

Flat nylon roller; nylon housing and with steel spring; fits on Weathershield doors.

CAT. NO.	ROLLER	QTY/PKG
B668	Nylon	2

Minimum order: 1 pack.

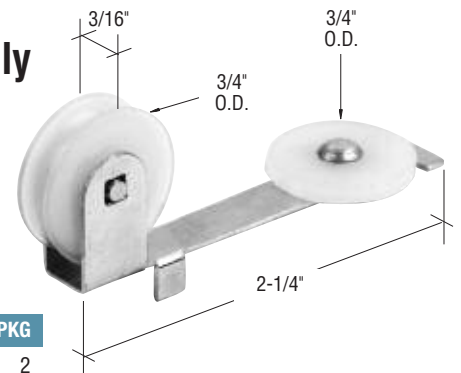


CRL Screen Roller Assembly

Nylon roller with center groove; nylon guide roller heat treated high tension steel flat spring; fits as a top roller on Arcadia screen doors.

CAT. NO.	ROLLER	QTY/PKG
B520	Nylon	2

Minimum order: 1 pack.

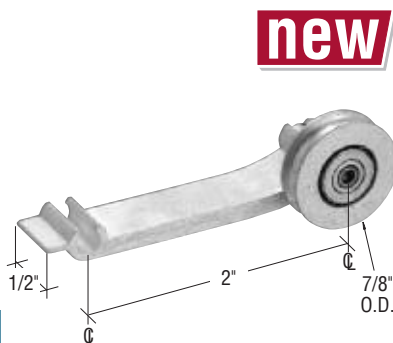


CRL Screen Top Roller Assembly

Top roller assembly with concave edge; 7/8" diameter steel ball bearing roller and extruded aluminum bracket; fits on Kawneer screen doors.

CAT. NO.	ROLLER	QTY/PKG
B788	Steel B.B.	2

Minimum order: 1 pack.



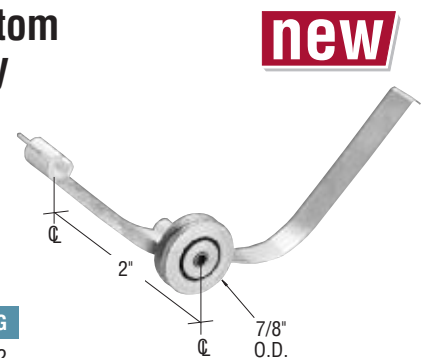
new

CRL Screen Bottom Roller Assembly

Bottom roller assembly with concave edge; 7/8" diameter steel ball bearing roller with extruded aluminum bracket; high tension steel spring; fits on Kawneer screen doors.

CAT. NO.	ROLLER	QTY/PKG
B789	Steel B.B.	2

Minimum order: 1 pack.



new

Kawneer® is a registered trademark of Alcoa Inc., and its subsidiaries and affiliates.

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CRL SLIDING SCREEN DOOR ROLLERS

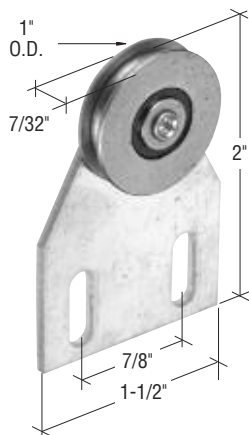
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CRL Screen Roller Assembly

Steel ball bearing roller with center groove; top hung aluminum bracket; fits Fullview doors.

CAT. NO.	ROLLER	QTY/PKG
B537	Steel B.B.	2

Minimum order: 1 pack.

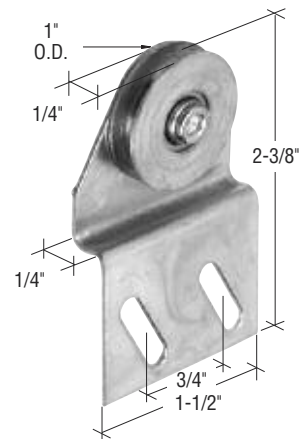


CRL Screen Roller Assembly

Steel ball bearing roller with wide center groove; top hung 1/4" offset steel bracket; fits Ador/HiLite "Z" doors.

CAT. NO.	ROLLER	QTY/PKG
B539	Steel B.B.	2

Minimum order: 1 pack.

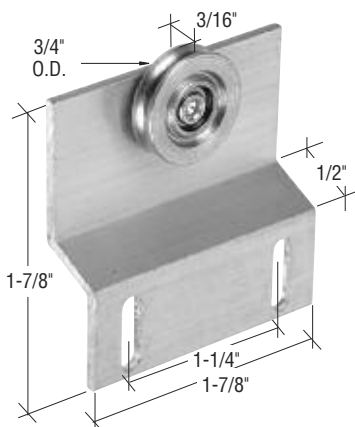


CRL Screen Roller Assembly

Center groove roller; top hung aluminum bracket, new style without tabs on bracket; will replace old style on Cupples doors.

CAT. NO.	ROLLER	QTY/PKG
B540	Steel B.B.	2

Minimum order: 1 pack.

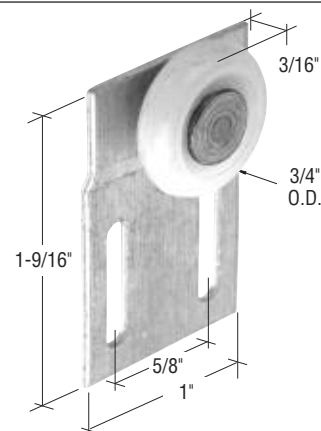


CRL Screen Roller Assembly

Oval edge nylon roller; top mount aluminum bracket; fits on Croft old style doors.

CAT. NO.	ROLLER	QTY/PKG
B627	Nylon	2

Minimum order: 1 pack.

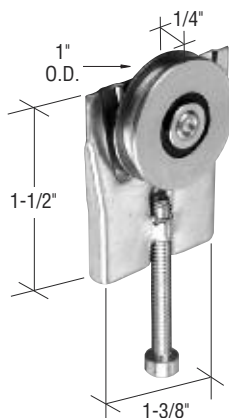


CRL Screen Roller Assembly

Center groove roller; top hung adjustable steel bracket; fits on Ador/HiLite doors.

CAT. NO.	ROLLER	QTY/PKG
B536	Steel B.B.	2

Minimum order: 1 pack.

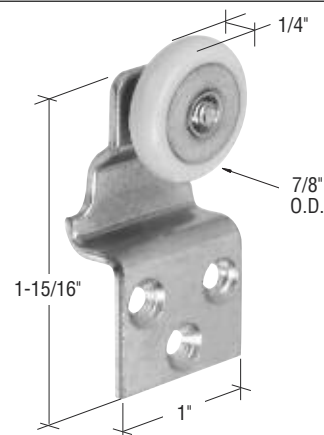


CRL Screen Roller Assembly

Oval edge nylon ball bearing roller; top hung steel bracket; fits on Arcadia and Saurenman old style steel and aluminum screen doors.

CAT. NO.	ROLLER	QTY/PKG
B531	Nylon B.B.	2

Minimum order: 1 pack.

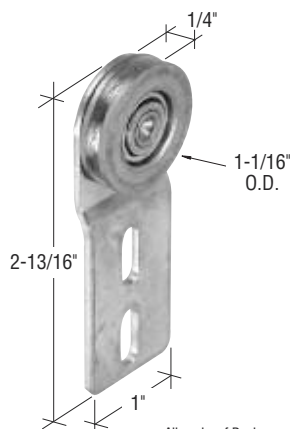


CRL Screen Roller Assembly

Center groove steel ball bearing roller; top hung steel bracket; fits on Premier doors.

CAT. NO.	ROLLER	QTY/PKG
B533	Steel B.B.	2

Minimum order: 1 pack.

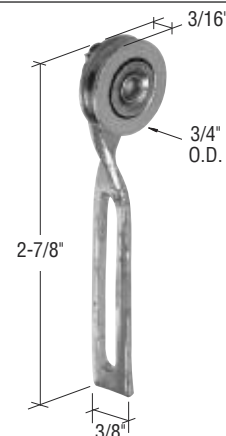


CRL Screen Roller Assembly

Center groove steel ball bearing roller; top hung steel bracket; fits on Hollyview doors.

CAT. NO.	ROLLER	QTY/PKG
B534	Steel B.B.	2

Minimum order: 1 pack.



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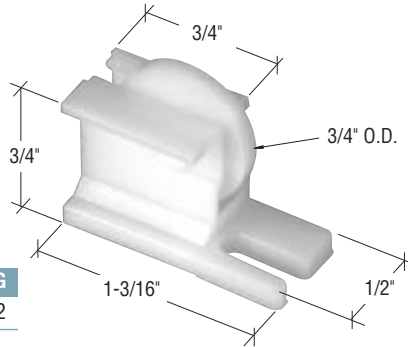
CRL SLIDING SCREEN DOOR ROLLERS

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CRL Screen Roller Assembly

• Popular in Canada

Flat edge, non-ball bearing roller; nylon housing; fits doors made by Howard Manufacturing. One right and one left per pack.



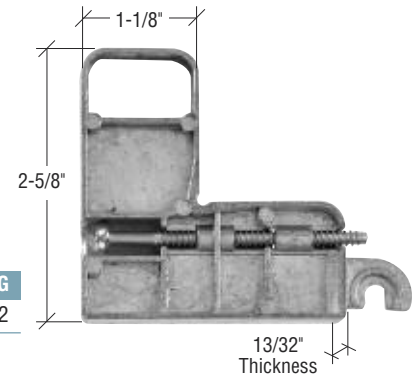
CAT. NO.	ROLLER	QTY/PKG
B585	Nylon	2

Minimum order: 1 pack.

CRL Screen Corner Insert

• Popular in Canada

Die cast corner with adjustment screw; used with B713 Roller; fits Monar screen doors.



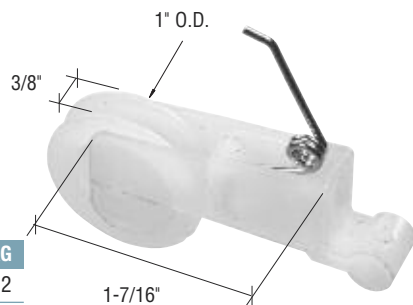
CAT. NO.	QTY/PKG
B712	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

• Popular in Canada

Center groove non-ball bearing nylon roller; nylon housing with steel spring.



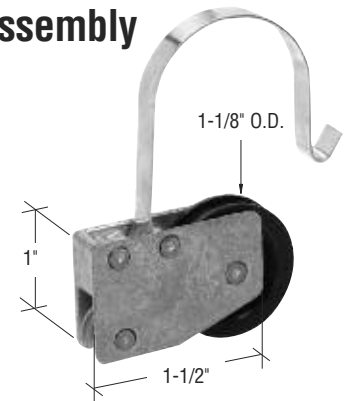
CAT. NO.	ROLLER	QTY/PKG
B692	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

• Popular in Canada

Nylon center groove roller; die cast housing; stamped steel spring; used with B712 Corner Insert.



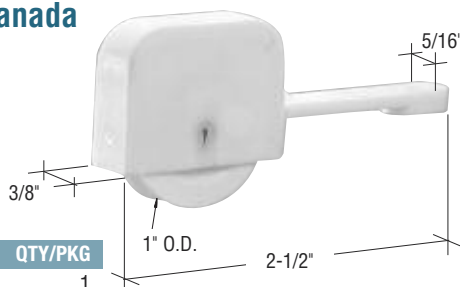
CAT. NO.	ROLLER	QTY/PKG
B713	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assembly

• Popular in Canada

Center groove nylon roller; nylon housing.



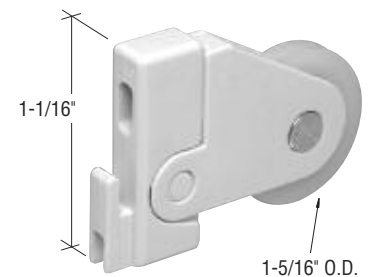
CAT. NO.	ROLLER	QTY/PKG
V1172	Nylon	1

Minimum order: 1 pack.

CRL Screen Roller Assembly

• Popular in Canada

Center groove nylon roller; nylon housing.



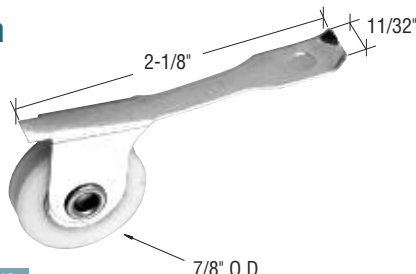
CAT. NO.	ROLLER	QTY/PKG
AG206	Nylon	1

Minimum order: 1 pack.

CRL Screen Roller Assembly

• Popular in Canada

Center groove nylon ball bearing roller; stamped steel bracket.



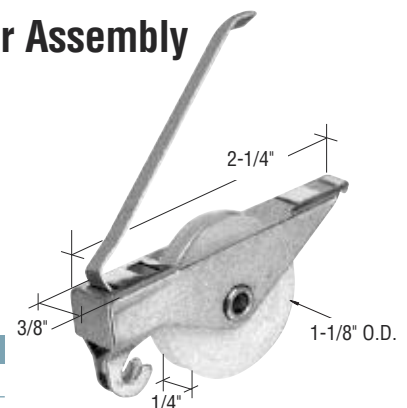
CAT. NO.	ROLLER	QTY/PKG
AG278	Nylon B.B.	1

Minimum order: 1 pack.

CRL Screen Roller Assembly

• Popular in Canada

Center groove nylon roller; stamped steel housing.



CAT. NO.	ROLLER	QTY/PKG
AG209	Nylon	1

Minimum order: 1 pack.

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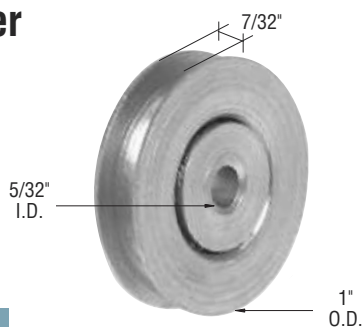
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CRL Screen Roller

Steel ball bearing roller with center groove; used by many door manufacturers.

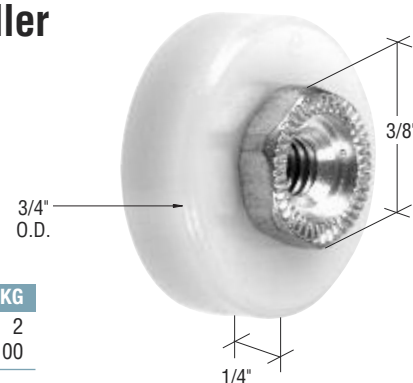


CAT. NO.	ROLLER	QTY/PKG
B697	Steel B.B.	2

Minimum order: 1 pack.

CRL Screen Roller

Flat nylon ball bearing roller; threaded hex hub; fits Croft and Keller doors.

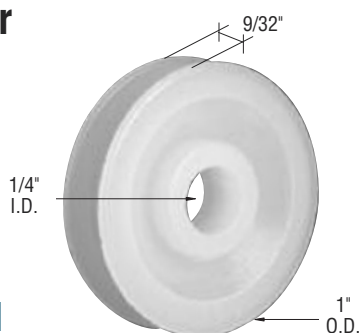


CAT. NO.	ROLLER	QTY/PKG
B629	Nylon B.B.	2
B629B	Nylon B.B.	100

Minimum order: 1 pack.

CRL Screen Roller

Nylon roller with center groove; used by many door manufacturers.

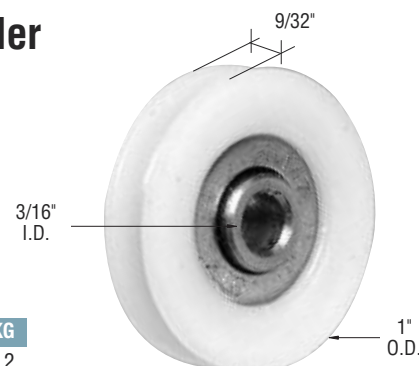


CAT. NO.	ROLLER	QTY/PKG
B552	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller

Nylon ball bearing roller with center groove; includes axle rivet.

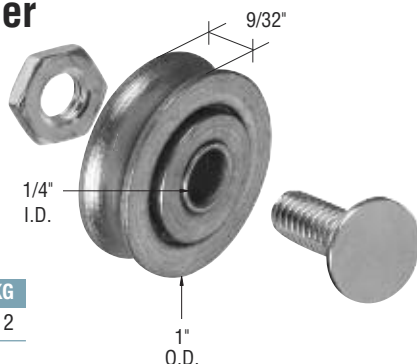


CAT. NO.	ROLLER	QTY/PKG
B707	Nylon B.B.	2

Minimum order: 1 pack.

CRL Screen Roller

Steel ball bearing center groove roller with 1/4" diameter hole; used on both screen and glass doors; includes 1/4"-20 x 3/4" carriage bolt and nut.

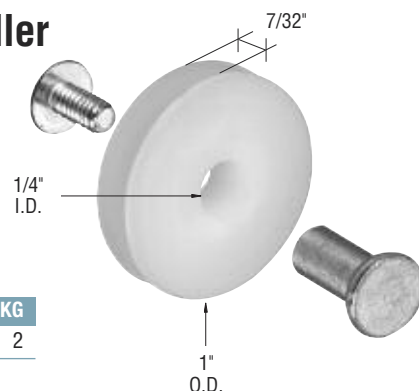


CAT. NO.	ROLLER	QTY/PKG
D1500	Steel B.B.	2

Minimum order: 1 pack.

CRL Screen Roller

Nylon roller with narrow center groove; machine screw with binder post nut; fits on Air Control doors.

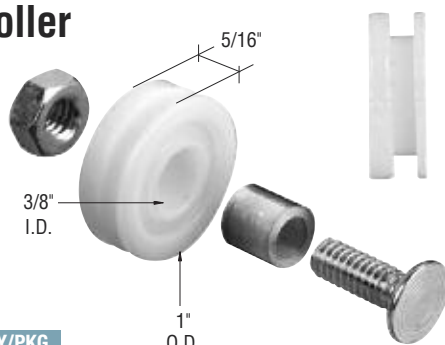


CAT. NO.	ROLLER	QTY/PKG
B551	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller

Nylon roller with narrow offset groove; steel bushing; 1/4"-20 x 3/4" carriage bolt with nut.

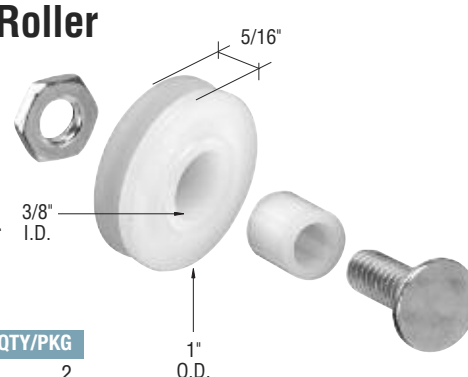


CAT. NO.	ROLLER	QTY/PKG
B554	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller

Nylon roller with nylon bushing; 1/4"-20 x 3/4" carriage bolt with nut.



CAT. NO.	ROLLER	QTY/PKG
B553	Nylon	2

Minimum order: 1 pack.

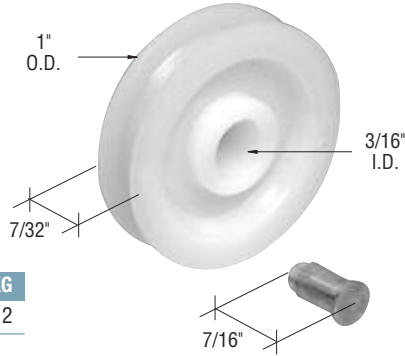
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CRL SLIDING SCREEN DOOR ROLLERS

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CRL Screen Roller

Nylon roller with center groove; aluminum rivet.

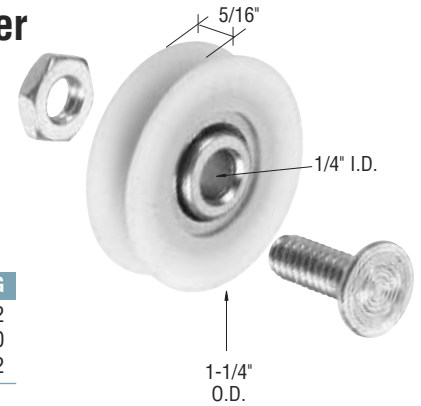


CAT. NO.	ROLLER	QTY/PKG
B706	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller

Ball bearing center groove roller with 1/4" diameter hole; used on both screen and glass doors; includes 1/4"-20 x 3/4" carriage bolt and nut.

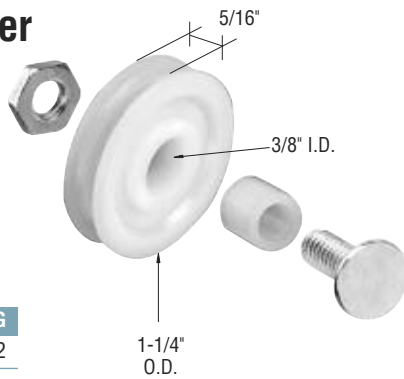


CAT. NO.	ROLLER	QTY/PKG
D1502	Steel B.B.	2
D1502B	Steel B.B.	30
D1504	Nylon B.B.	2

Minimum order: 1 pack.

CRL Screen Roller

Nylon roller; nylon bushing; 1/4"-20 x 3/4" carriage bolt with nut.

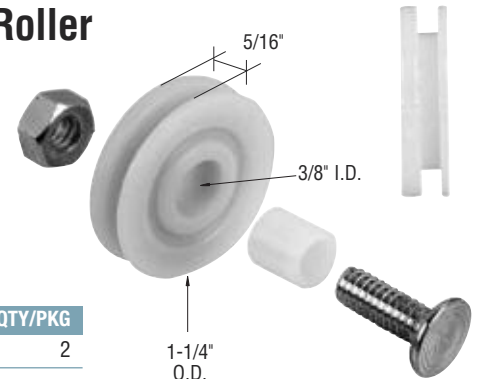


CAT. NO.	ROLLER	QTY/PKG
B555	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller

Nylon roller with narrow offset groove; nylon bushing; 1/4"-20 x 3/4" carriage bolt with nut.

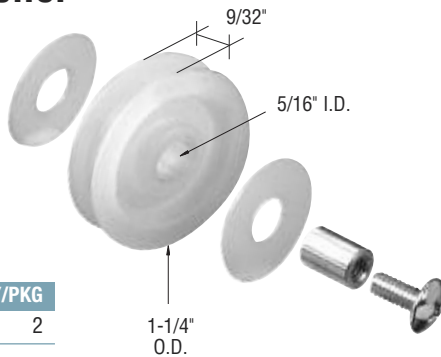


CAT. NO.	ROLLER	QTY/PKG
B556	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller

Narrow center groove nylon roller; nylon spacer washers; threaded steel bushing and screw.

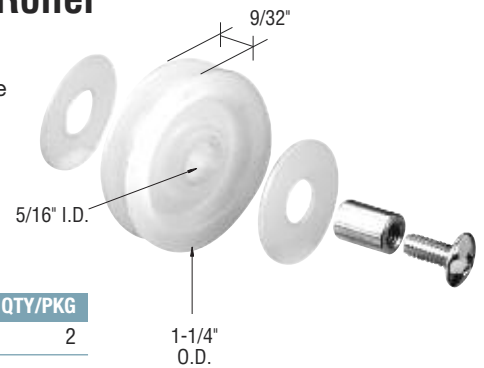


CAT. NO.	ROLLER	QTY/PKG
B557	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller

Wide center groove nylon roller; nylon spacer washers; threaded steel bushing and screw.

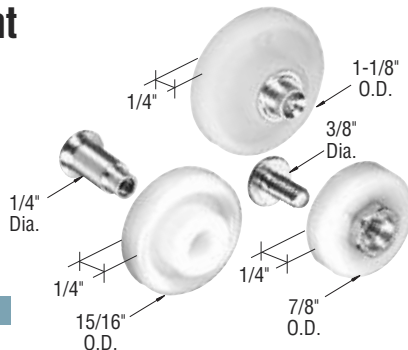


CAT. NO.	ROLLER	QTY/PKG
B558	Nylon	2

Minimum order: 1 pack.

CRL Screen Roller Assortment

Two each 7/8" flat edge nylon ball bearing rollers with threaded inner race and machine screws; two each 15/16" flat edge nylon rollers with steel rivets; two each 1-1/8" flat edge nylon rollers with steel rivets.

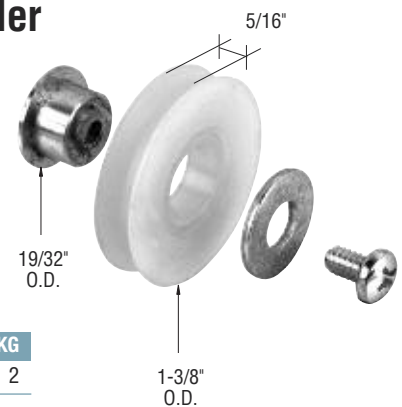


CAT. NO.	ROLLER	QTY/PKG
B622	Nylon	3 Pair

Minimum order: 1 pack.

CRL Screen Roller

Nylon rollers with aluminum internally threaded hub; wide center groove; fits Arcadia doors.



CAT. NO.	ROLLER	QTY/PKG
B560	Nylon	2

Minimum order: 1 pack.

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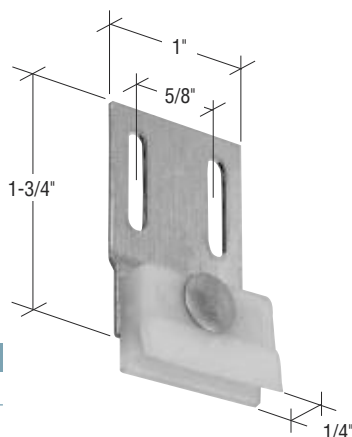
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CRL Screen Door Bottom Guide

Aluminum bracket with Nylon Bottom Guide; bottom mount; fits on Croft old style doors.

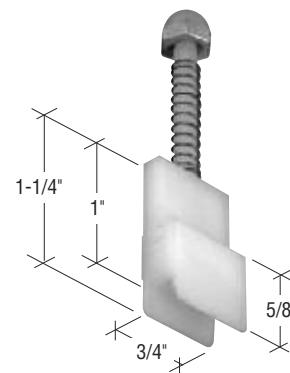


CAT. NO.	QTY/PKG
B626	2

Minimum order: 1 pack.

CRL Screen Door Bottom Guide

Nylon Bottom Guide with spring and cap nut.

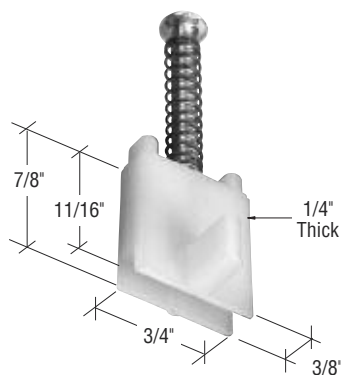


CAT. NO.	QTY/PKG
B601	2

Minimum order: 1 pack.

CRL Screen Door Bottom Guide

Nylon Bottom Guide with adjustment spring and screw; fits on Tucker doors.

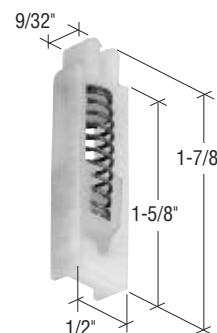


CAT. NO.	QTY/PKG
B598	2

Minimum order: 1 pack.

CRL Screen Door Top Guide

Nylon Top Guide with adjustment spring; fits on Daryl PRI doors.

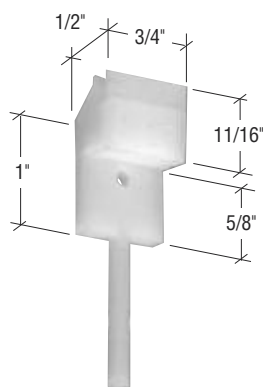


CAT. NO.	QTY/PKG
B591	2

Minimum order: 1 pack.

CRL Screen Door Top Guide

Nylon Top Guide; fits on Pan Am doors.

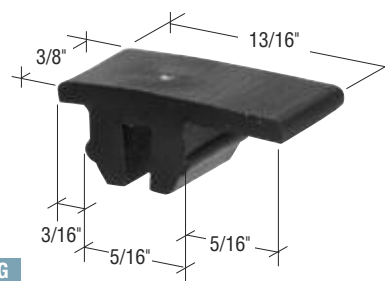


CAT. NO.	QTY/PKG
B599	2

Minimum order: 1 pack.

CRL Screen Door Top Guide

Nylon Top Guide for sliding screen doors; used by many door manufacturers.

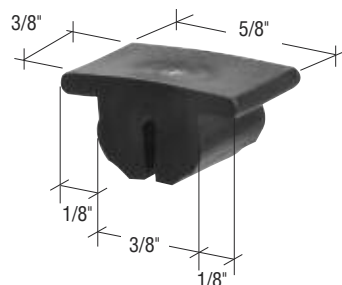


CAT. NO.	QTY/PKG
B562	4

Minimum order: 1 pack.

CRL Screen Door Top Guide

Plastic Top Guide and anti-rattle device; used by many door manufacturers.

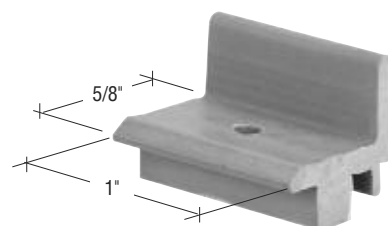


CAT. NO.	QTY/PKG
B564	4

Minimum order: 1 pack.

CRL Screen Door Top Guide

Plastic Top Guide with attaching screw; fits on Mayfair doors.



CAT. NO.	QTY/PKG
B563	4

Minimum order: 1 pack.

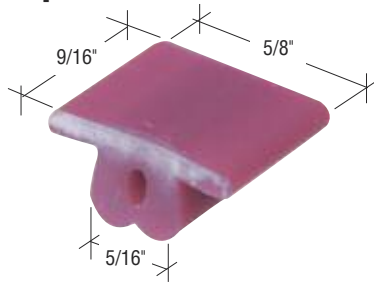
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CRL SLIDING SCREEN DOOR HARDWARE

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CRL Screen Door Top Guide

Nylon Top Guide for sliding screen doors; used by many door manufacturers.

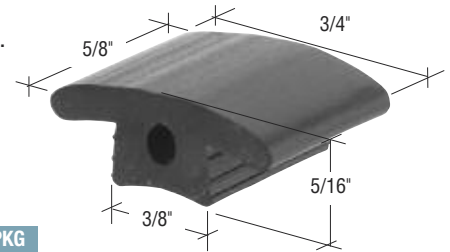


CAT. NO.	QTY/PKG
B780	4

Minimum order: 1 pack.

CRL Screen Door Top Guide

Nylon Top Guide; used on Columbia screen doors.

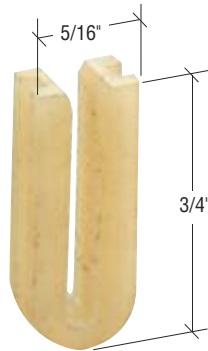


CAT. NO.	QTY/PKG
B633	4

Minimum order: 1 pack.

CRL Screen Door Bottom Guide

Nylon Top Guide; fits on Daryl doors.

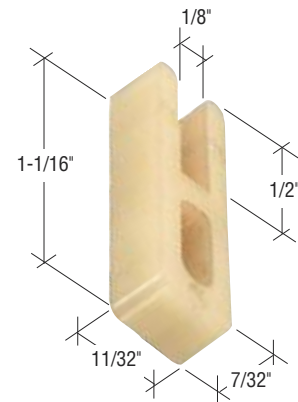


CAT. NO.	QTY/PKG
B594	4

Minimum order: 1 pack.

CRL Screen Door Top Guide

Nylon Top Guide for sliding screen doors; with screws; used by many door manufacturers.

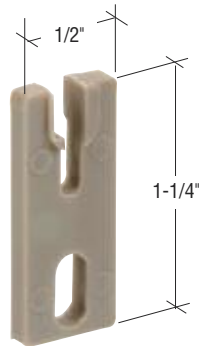


CAT. NO.	QTY/PKG
B573	4

Minimum order: 1 pack.

CRL Screen Door Top Guide

Nylon Top Guide for sliding screen doors; used by many door manufacturers.

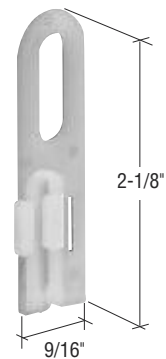


CAT. NO.	QTY/PKG
B603	2

Minimum order: 1 pack.

CRL Screen Door Top Guide

Nylon Top Guide; fits on Crossly doors.



CAT. NO.	QTY/PKG
B602	2

Minimum order: 1 pack.

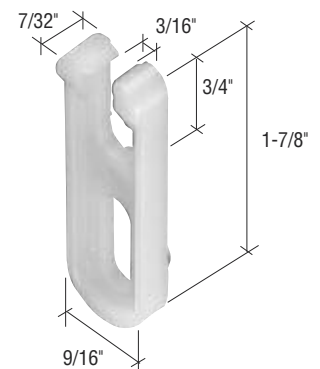
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CRL Screen Door Top Guide

Nylon Top Guide; fits on Crossly doors.



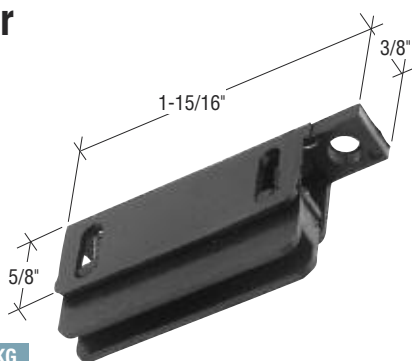
CAT. NO.	QTY/PKG
B589	2

Minimum order: 1 pack.

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CRL Screen Door Bottom Guide

Nylon spring loaded Guide assembly; bottom mount; fits on Ador/HiLite doors.

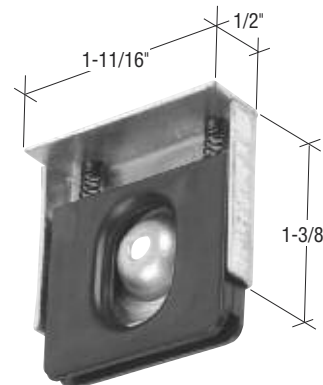


CAT. NO.	QTY/PKG
B545	2

Minimum order: 1 pack.

CRL Screen Door Bottom Guide

Nylon spring loaded Guide; bottom mount aluminum housing; fits on Ador/HiLite "Z" doors.

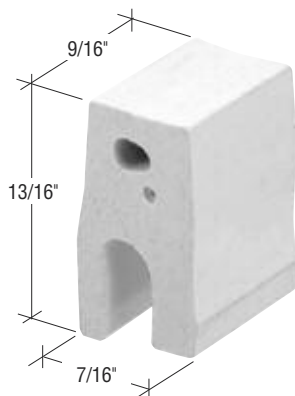


CAT. NO.	QTY/PKG
B546	2

Minimum order: 1 pack.

CRL Screen Door Bottom Guide

Rigid vinyl Bottom Guide; fits on Croft Series 701 and 702 doors.

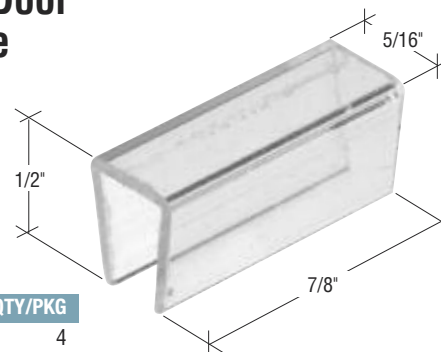


CAT. NO.	QTY/PKG
B628	2

Minimum order: 1 pack.

CRL Screen Door Bottom Guide

Clear plastic Bottom Guide; prevents excessive wear on door frame; fits on doors by Keller Industries.

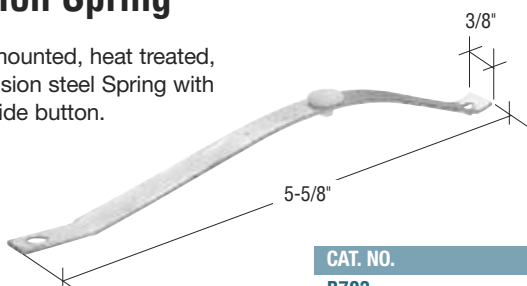


CAT. NO.	QTY/PKG
B630	4

Minimum order: 1 pack.

CRL Screen Door Tension Spring

Top mounted, heat treated, high tension steel Spring with nylon glide button.

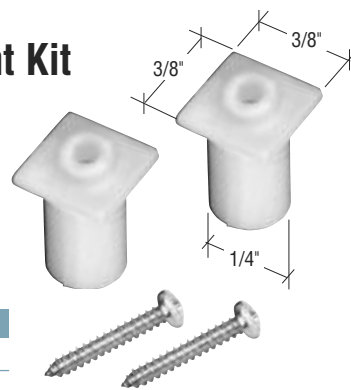


CAT. NO.	QTY/PKG
B703	2

Minimum order: 1 pack.

CRL Screen Door Roller Adjustment Kit

Adjustment screws and nylon insert sleeves. Mounts into the top and bottom rails of screen doors to provide vertical adjustment of Cat. No. B512 and Cat. No. B570 type rollers.



CAT. NO.	QTY/PKG
B623	4 Sets

Minimum order: 1 pack.

CRL Screen Roller Adjustment Screw Pack

8-32 x 1-1/4" Phillips pan machine adjustment screws; used on Cat. No. B516, B518, B608, and B654 Spring Tension Rollers.

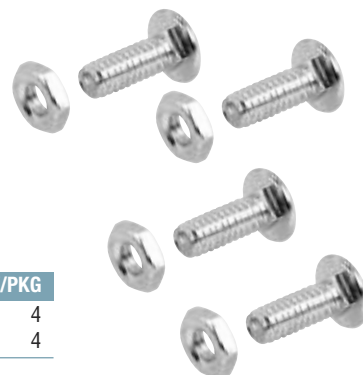


CAT. NO.	QTY/PKG
B700	4

Minimum order: 1 pack.

CRL Screen Door Bolt Assembly

1/4"-20 x 3/4" flat head Carriage Bolts with nuts; used with most bottom mount rollers having a 1/4" inside diameter.



CAT. NO.	BOLT	QTY/PKG
B561	Steel	4
B774	Stainless Steel	4

Minimum order: 1 pack.

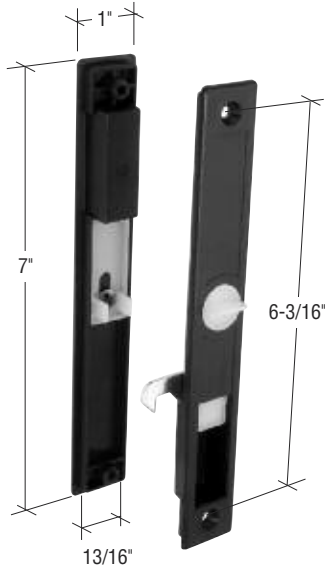
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CRL SLIDING SCREEN DOOR LATCHES AND PULLS

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CRL Latch and Pull

Black plastic Pulls; steel hook; flush latch assembly; fits on 1/2" thick Columbia extruded and roll formed framed screen doors.

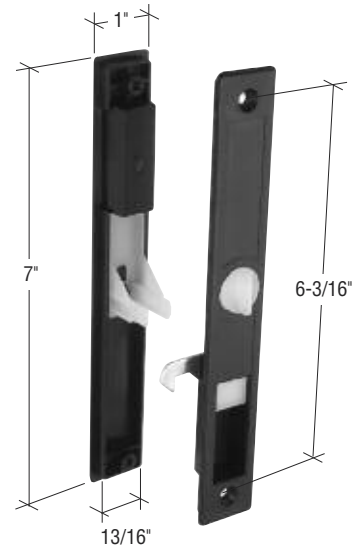


CAT. NO.	FINISH	QTY/PKG
A178	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Black plastic Pulls; steel hook; flush latch assembly; fits on Columbia 1" thick and hat section extruded screen doors.

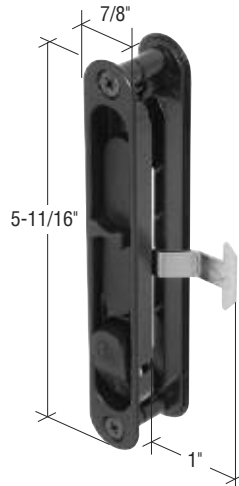


CAT. NO.	FINISH	QTY/PKG
A179	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Die cast Screen Door Latch is designed to be mortised into the screen door frame. Includes one steel latch hook to fit a variety of door frames. Non-handed.

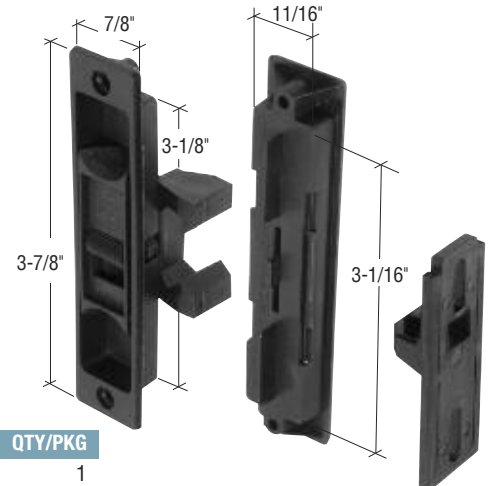


CAT. NO.	FINISH	QTY/PKG
A202	Black	1
A222	White	1

Minimum order: 1 pack.

CRL Latch and Pull

Black plastic Pulls; flush latch assembly complete with strike; fits on Peachtree doors.

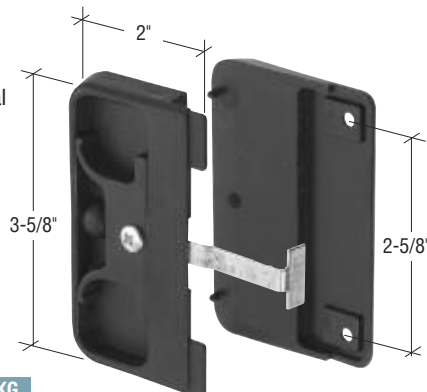


CAT. NO.	FINISH	QTY/PKG
A189	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Black plastic pulls; steel latch; non-handed; mortise installation; used by several door manufacturers.

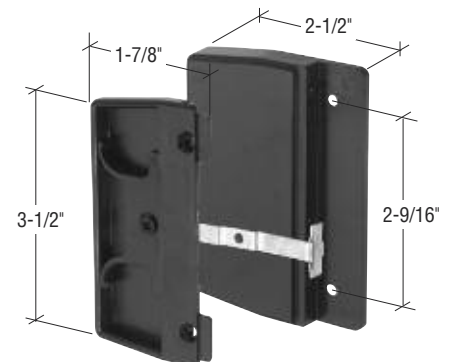


CAT. NO.	FINISH	QTY/PKG
A142	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Black plastic pulls; steel latch; non-handed; used on roll formed aluminum or steel screen doors; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
A145	Black	1

Minimum order: 1 pack.

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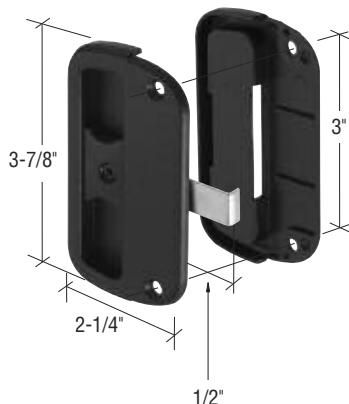
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CRL Latch and Pull

Plastic Pulls; steel Latch; non-handed; mortise installation; used on 1/2" extruded and roll formed doors.



CAT. NO.	FINISH	QTY/PKG
A186	Black	1
A186B	Black	10

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; steel Latch; non-handed; mortise installation; fits on Columbia-matic new style doors.

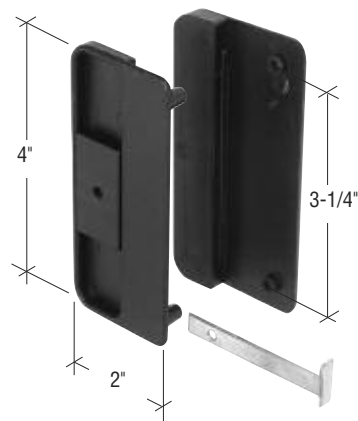


CAT. NO.	FINISH	QTY/PKG
A177	Black	1
A177B	Black	10

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; steel Latch; non-handed; mortise installation; fits on Jim Walters sliding roll formed screen doors.

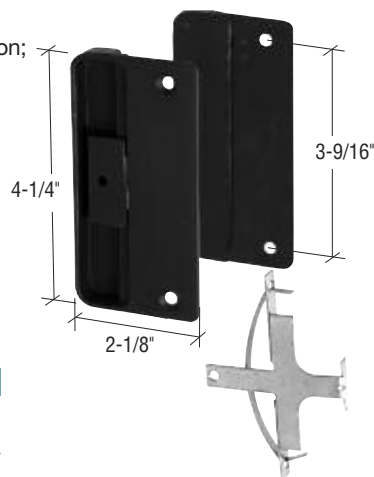


CAT. NO.	FINISH	QTY/PKG
A150	Black	1
A150B	Black	10

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; steel Latch; non-handed; mortise installation; fits on Jim Walters sliding roll formed screen doors.

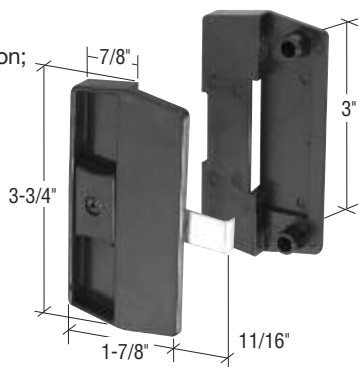


CAT. NO.	FINISH	QTY/PKG
A151	Black	1
A151B	Black	10

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; steel Latch; non-handed; mortise installation; snap together design; fits on Academy doors.

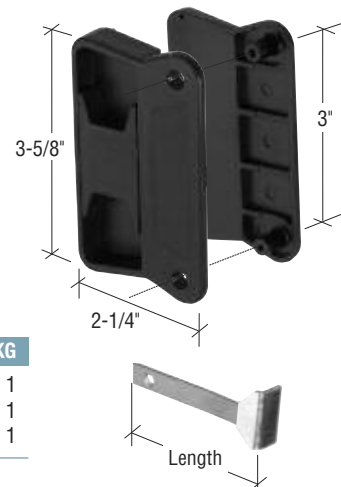


CAT. NO.	FINISH	QTY/PKG
A180	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; steel Latch; non-handed; mortise installation; fits on Superior Aluminum doors.



CAT. NO.	FINISH	LENGTH	QTY/PKG
A168	Black	2-9/16"	1
A201	Black	2-7/8"	1
A212	White	2-9/16"	1

Minimum order: 1 pack.

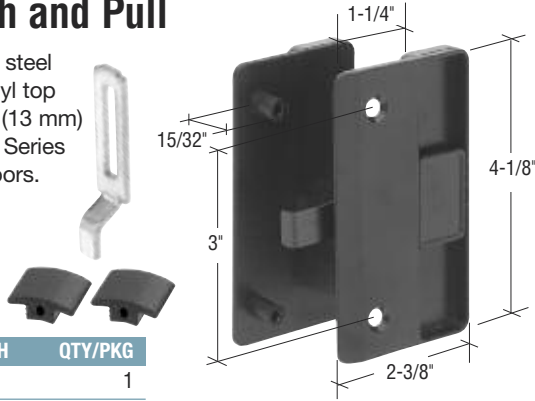
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CRL SLIDING SCREEN DOOR LATCHES AND PULLS

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CRL Latch and Pull

Plastic Pulls; steel Latch hook; vinyl top guides for 1/2" (13 mm) thick Columbia Series 4000 screen doors.

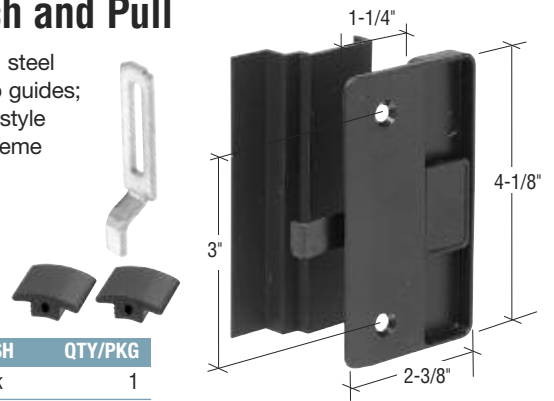


CAT. NO.	FINISH	QTY/PKG
A218	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; steel Latch; vinyl top guides; for hat section style Columbia Supreme Series doors.

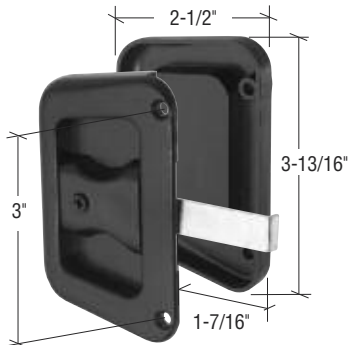


CAT. NO.	FINISH	QTY/PKG
A219	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; steel Latch; non-handed; mortise style latch; fits on hat section doors.

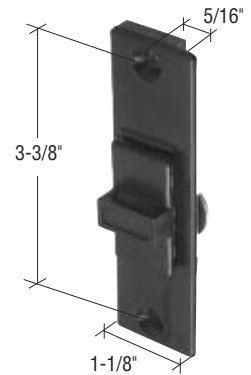


CAT. NO.	FINISH	QTY/PKG
A187	Black	1
A228	White	1

Minimum order: 1 pack.

CRL Latch

Plastic Latch assembly; steel hook; non-handed; mortise installation; fits on Peachtree Citation 2 screen doors.

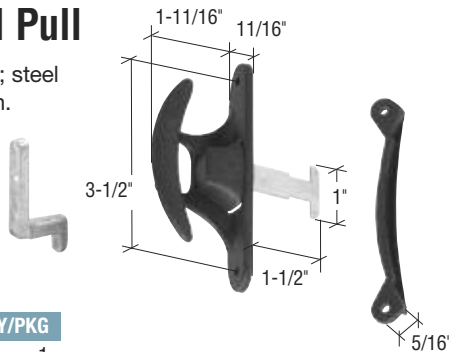


CAT. NO.	FINISH	QTY/PKG
A175	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Latch and Pull; steel hook; side mount design.

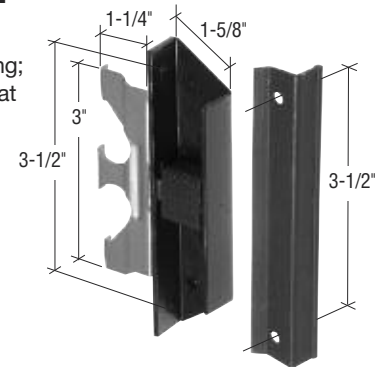


CAT. NO.	FINISH	QTY/PKG
A215	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Inside Pull has plastic latch button; steel hook with flat spring; black plastic Outside Pull; fits hat section doors manufactured by Bayform.

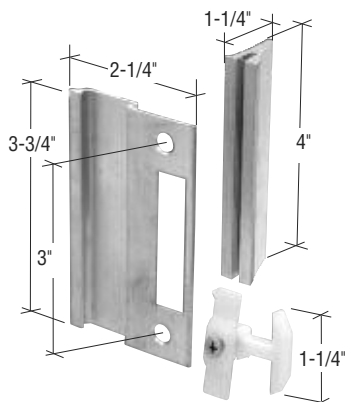


CAT. NO.	FINISH	QTY/PKG
A220	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Anodized aluminum Inside Pull; extruded aluminum Outside Pull; non-handed; mortise installation; fits on Trimview screen doors.

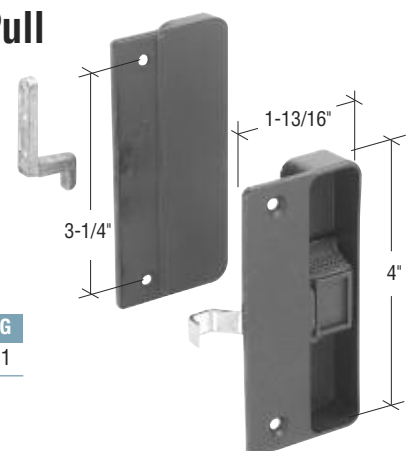


CAT. NO.	FINISH	QTY/PKG
A107	Anodized	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Inside Pull; plastic Outside Pull; stamped steel hook.



CAT. NO.	FINISH	QTY/PKG
AG304	Black	1

Minimum order: 1 pack.

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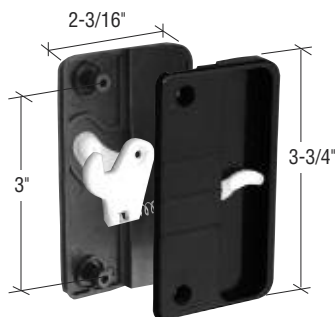
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CRL Latch and Pull

Plastic Pulls; non-handed; complete with security lock; fits on Anjac doors; short latch designed for 1-5/8" wide frames; the longer latch designed for 1-3/4" wide frames.

CAT. NO.	FINISH	HOOK	QTY/PKG
A108	Black	Short	1
A108B	Black	Short	10
A192	Black	Long	1

Minimum order: 1 pack.

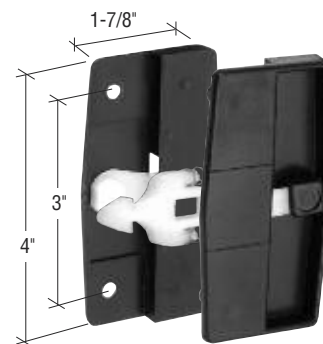


CRL Latch and Pull

Plastic Pulls; non-handed; complete with security lock; mortise installation; plastic assembly; for 1/2" (13 mm) thick Columbia doors.

CAT. NO.	FINISH	QTY/PKG
A109	Black	1
A109B	Black	10

Minimum order: 1 pack.

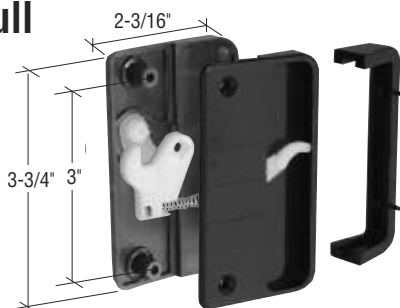


CRL Latch and Pull

Plastic Pulls; non-handed; complete with security lock; mortise installation; spacer included for hat section door applications; fits on Superior extruded frame doors.

CAT. NO.	FINISH	QTY/PKG
A156	Black	1

Minimum order: 1 pack.

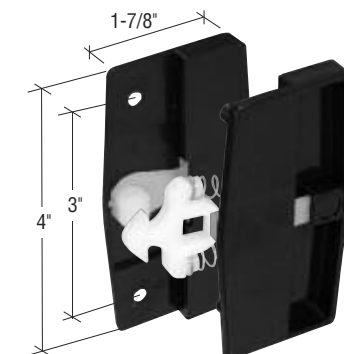


CRL Latch and Pull

Plastic Pulls; non-handed; complete with security lock; mortise installation; plastic assembly; for 1" (25 mm) thick Columbia doors.

CAT. NO.	FINISH	QTY/PKG
A157	Black	1

Minimum order: 1 pack.

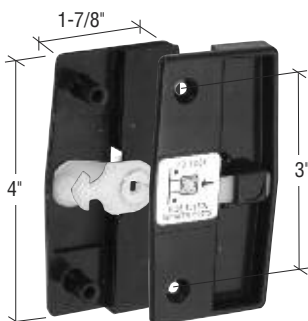


CRL Latch and Pull

Plastic Pulls; non-handed; complete with security lock; mortise installation; plastic assembly; for 1/2" (13 mm) thick Columbia doors.

CAT. NO.	FINISH	QTY/PKG
A165	Black	1
A165B	Black	10

Minimum order: 1 pack.

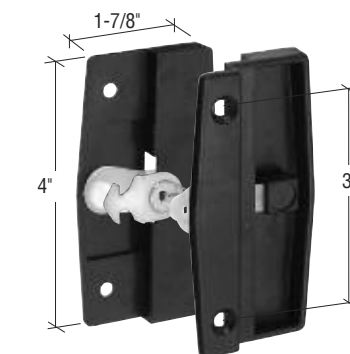


CRL Latch and Pull

Plastic Pulls; non-handed; complete with security lock; mortise installation; plastic assembly; for 1" (25 mm) thick hat section Columbia doors.

CAT. NO.	FINISH	QTY/PKG
A172	Black	1

Minimum order: 1 pack.



CRL Latch and Pull

Plastic Pulls; non-handed; complete with security lock; mortise installation; fits on doors by several door manufacturers, including Northrop Architectural and Fran Meyer doors.

CAT. NO.	FINISH	QTY/PKG
A147	Black	1

Minimum order: 1 pack.

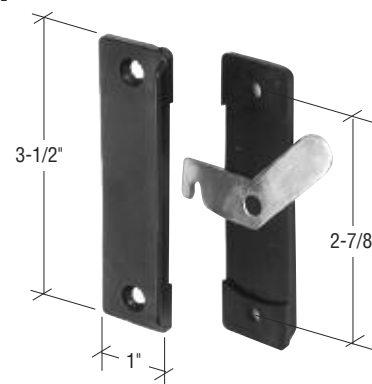


CRL Latch and Pull

Plastic Pulls; steel lever latch; non-handed; surface mount; fits on Keller doors.

CAT. NO.	FINISH	QTY/PKG
A122	Black	1
A122B	Black	10

Minimum order: 1 pack.



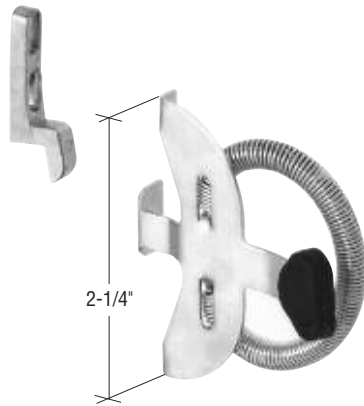
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CRL SLIDING SCREEN DOOR LATCHES AND PULLS

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CRL Latch

Stamped steel Latch Hook with steel spring; die cast Keeper; designed to fit into a mortised slot within the door stile.

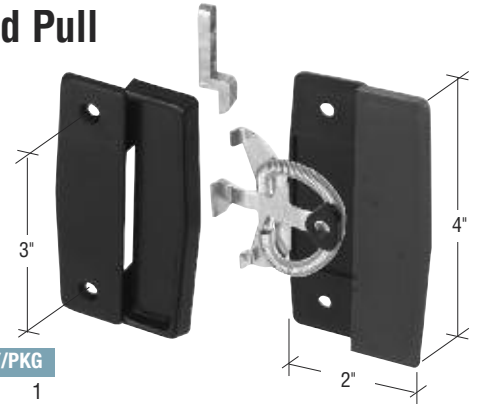


CAT. NO.	FINISH	QTY/PKG
A119	Zinc	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; steel Latch; die cast Keeper; non-handed; mortise installation; used by Academy, Better-Bilt, and other door manufacturers.



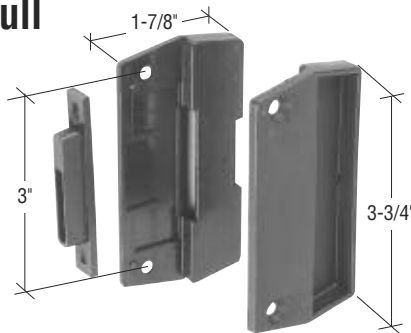
CAT. NO.	FINISH	QTY/PKG
A139	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

• Popular in Canada

Plastic Pull with plastic one-piece hook; non-handed.



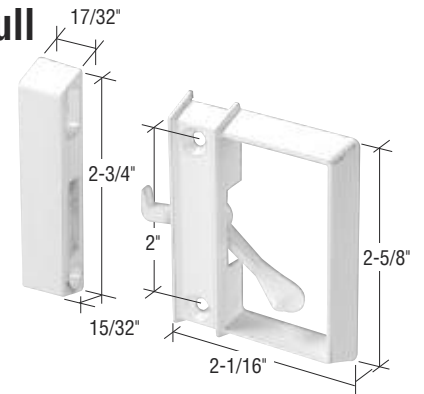
CAT. NO.	FINISH	QTY/PKG
AG301	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

• Popular in Canada

White die cast Inside Pull; stamped steel Hook; includes die cast Keeper; fits doors made by Solaris and other manufacturers.

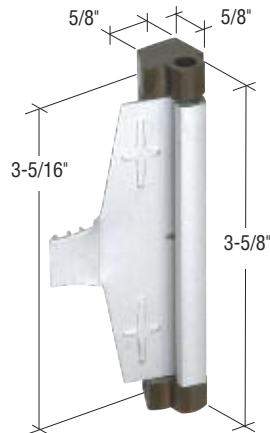


CAT. NO.	FINISH	QTY/PKG
AG268	White	1

Minimum order: 1 pack.

CRL Latch

Non-handed spring loaded aluminum Flip Latch; black plastic housing; no strike required; fits on Ador/HiLite screen doors.

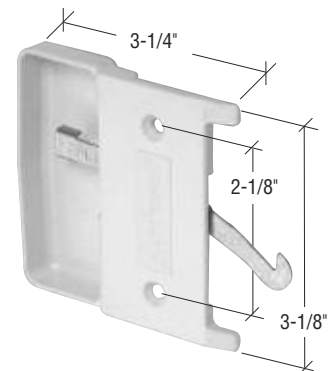


CAT. NO.	FINISH	QTY/PKG
A120	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Inside Pull and Latch; fits Andersen four panel Frenchwood sliding screen doors.

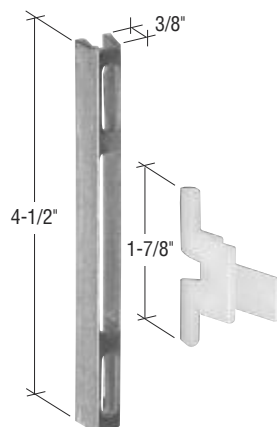


CAT. NO.	FINISH	QTY/PKG
A205	White	1
A206	Stone	1

Minimum order: 1 pack.

CRL Latch and Strike

Plastic Latch; die cast Strike; non-handed; mortise installation; replaces old aluminum latch; fits on International doors.

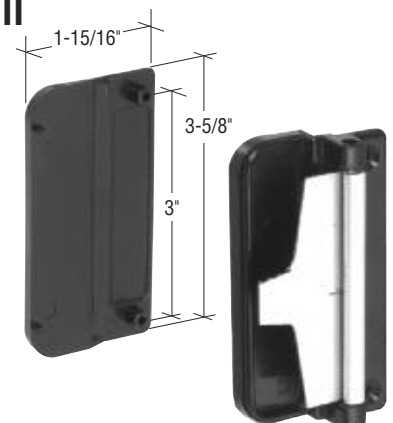


CAT. NO.	FINISH	QTY/PKG
A140	Zinc	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; spring loaded aluminum Flip Latch; non-handed; surface mount; no strike required; fits on Ador/HiLite screen doors.



CAT. NO.	FINISH	QTY/PKG
A146	Black	1

Minimum order: 1 pack.

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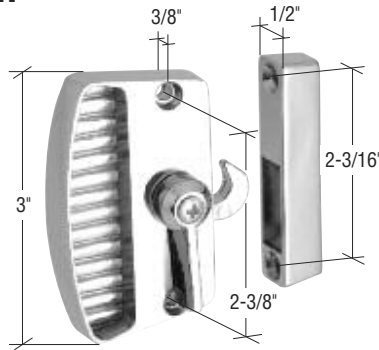
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CRL Latch and Pull

Die cast Inside Latch and Strike; non-handed; surface mount; used by many manufacturers.

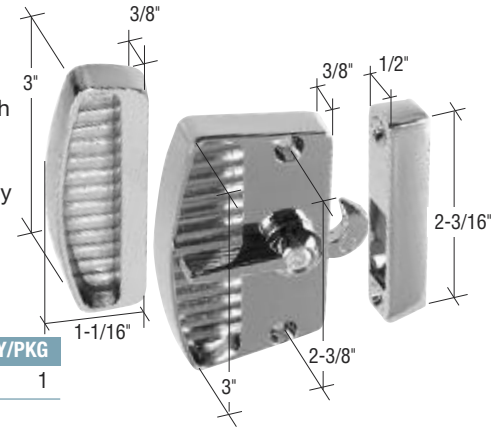


CAT. NO.	FINISH	QTY/PKG
A105	Chrome	1
A155	Black	1
A199	White	1

Minimum order: 1 pack.

CRL Latch and Pull

Die cast Inside Latch and Outside Pull with Strike; non-handed; surface mount; used by many manufacturers.

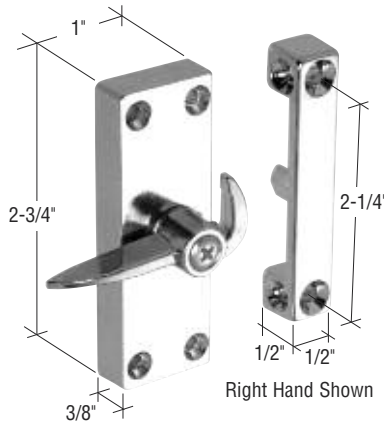


CAT. NO.	FINISH	QTY/PKG
A181	Chrome	1

Minimum order: 1 pack.

CRL Latch

Die cast surface mount Latch; side or face mount Strike; right hand; can be used on single or double sliding doors; extremely versatile.

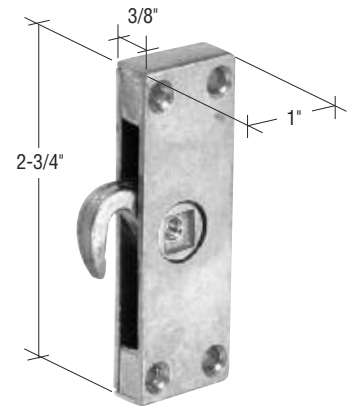


CAT. NO.	FINISH	QTY/PKG
A103	Chrome	1
A104	Black	1

Minimum order: 1 pack.

CRL Latch

Internal mount die cast Latch; repair part for Cat. No. A152 Latch and Pull.

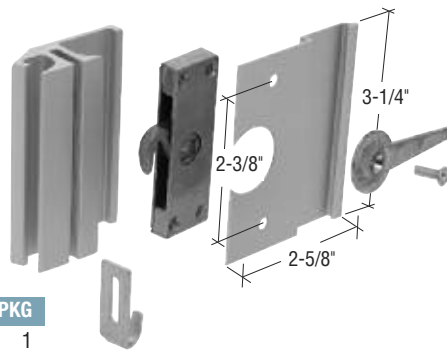


CAT. NO.	FINISH	QTY/PKG
A167	Zinc	1

Minimum order: 1 pack.

CRL Latch and Pull

Die cast internal Latch; two anodized aluminum Pulls; die cast Lever non-handed; see Cat. No. A167 for latch only.

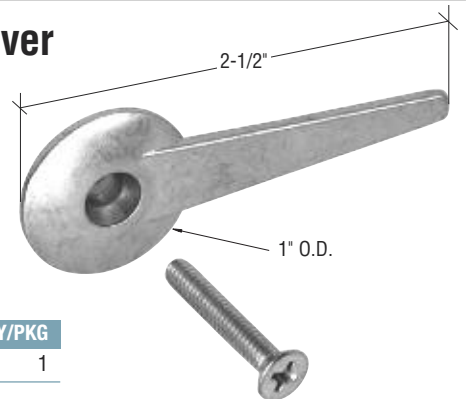


CAT. NO.	FINISH	QTY/PKG
A152	Aluminum	1

Minimum order: 1 pack.

CRL Latch Lever

Die cast Latch Lever; used to operate many styles of screen door latches.

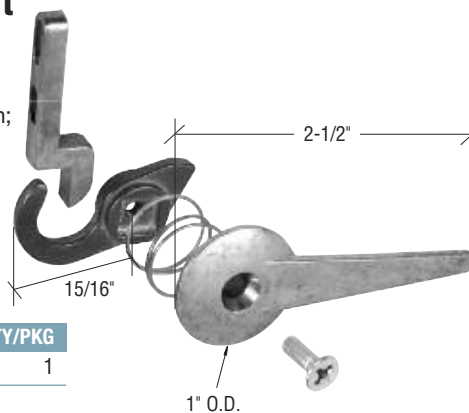


CAT. NO.	FINISH	QTY/PKG
A130	Zinc	1

Minimum order: 1 pack.

CRL Latch Kit

Die cast Latch Lever and Hook Latch; mortise installation; this kit contains the Cat. No. A130 Latch Lever.

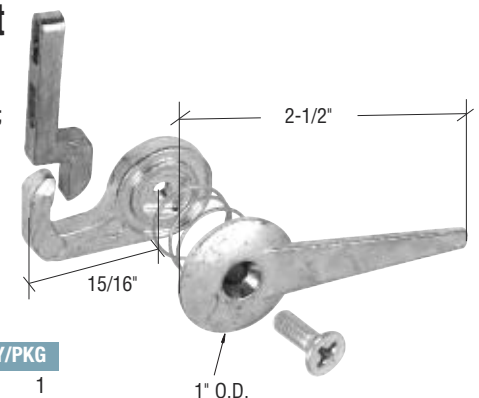


CAT. NO.	FINISH	QTY/PKG
A135	Zinc	1

Minimum order: 1 pack.

CRL Latch Kit

Die cast Latch Lever and Hook Latch; mortise installation; this kit contains the A130 Latch Lever.



CAT. NO.	FINISH	QTY/PKG
A137	Zinc	1

Minimum order: 1 pack.

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CRL SLIDING SCREEN DOOR LATCHES AND PULLS

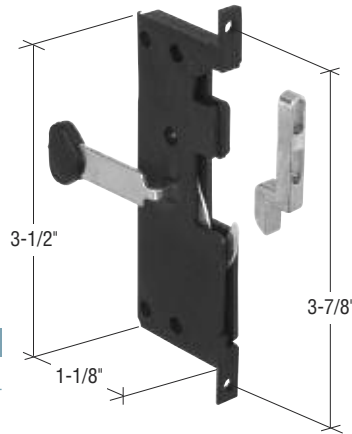
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CRL Latch

Molded plastic housing with stamped steel Hook and Actuator Lever; die cast Keeper; latch is installed into a mortised slot in the edge of the door; non-handed; used by several door manufacturers.

CAT. NO.	QTY/PKG
A121	1

Minimum order: 1 pack.

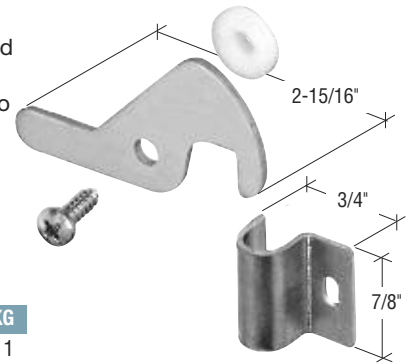


CRL Latch

Aluminum Latch Lever and Strike; non-handed; surface mount; used by several patio door manufacturers.

CAT. NO.	QTY/PKG
A123	1

Minimum order: 1 pack.

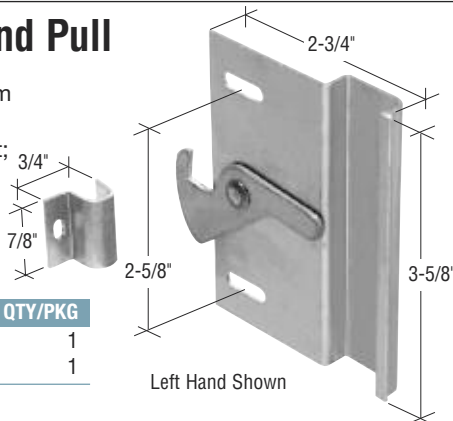


CRL Latch and Pull

Anodized aluminum Pull; Latch Lever and Strike; surface mount; used by many door manufacturers.

CAT. NO.	HANDING	QTY/PKG
A100	Left	1
A101	Right	1

Minimum order: 1 pack.

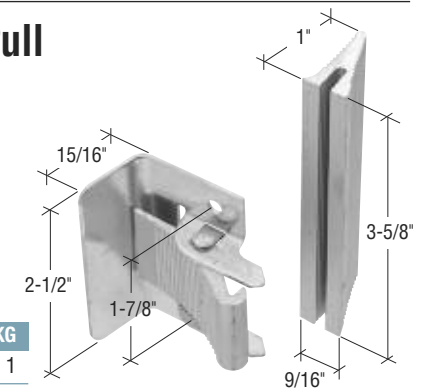


CRL Latch and Pull

Anodized spring loaded inside Latch; extruded anodized outside Pull; surface mount; non-handed; fits Fullview Doors.

CAT. NO.	QTY/PKG
A113	1

Minimum order: 1 pack.

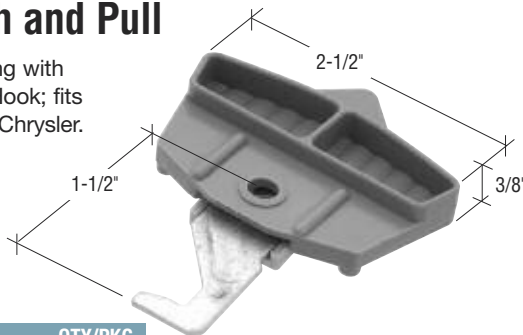


CRL Latch and Pull

Plastic housing with stamped steel Hook; fits doors made by Chrysler.

CAT. NO.	QTY/PKG
BLL11	1

Minimum order: 1 pack.

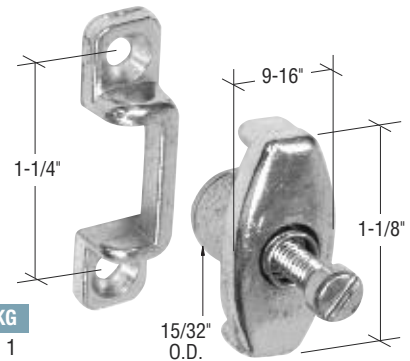


CRL Latch Kit

Zinc plated die cast Latch and Strike; non-handed, surface mount kit. Fits doors made by Acorn Aluminum.

CAT. NO.	QTY/PKG
A164	1
A164B	10

Minimum order: 1 pack.



CRL Sliding Screen Door Kits

We have a complete selection of quality Sliding Screen Door Kits in widths to 49" (1245 mm) and heights to 97" (2464 mm). All give you a choice of three attractive finishes. See pages 193W-195W.



Standard Duty
Page 193W



Heavy-Duty
Page 194W



Champion Series
Page 195W



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CRL SLIDING SCREEN DOOR LATCHES AND PULLS

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CRL Latch

Screen door Latch fits Andersen two panel doors, 1982 through 1989.

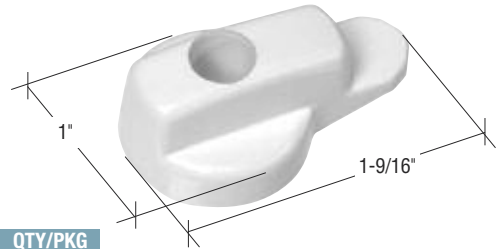


CAT. NO.	FINISH	QTY/PKG
A234	Stone	1

Minimum order: 1 pack.

CRL Latch

Hinged screen door Latch; fits Andersen two-panel Frenchwood doors.

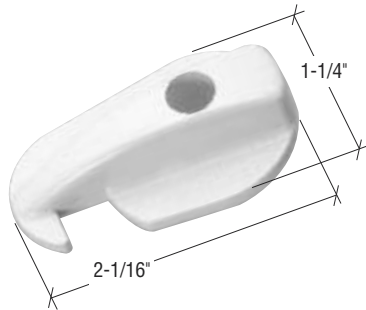


CAT. NO.	FINISH	QTY/PKG
A230	White	1
A231	Stone	1

Minimum order: 1 pack.

CRL Latch

Three panel "universal" Latch fits Andersen screen doors.

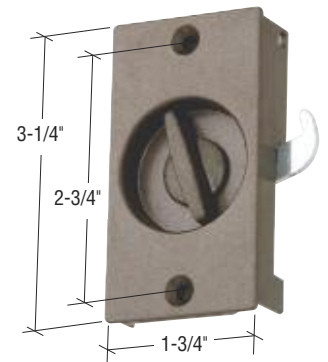


CAT. NO.	FINISH	QTY/PKG
A232	White	1
A233	Stone	1

Minimum order: 1 pack.

CRL Latch

Narrow screen door Latch fits Andersen doors, 1968 through 1981.

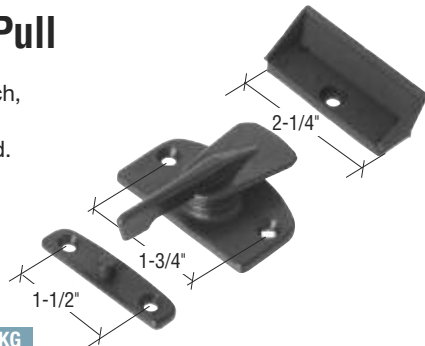


CAT. NO.	FINISH	QTY/PKG
A229	Stone	1

Minimum order: 1 pack.

CRL Latch and Pull

High Impact Plastic Latch, Keeper, and Outside Pull; fits doors made by Howard.

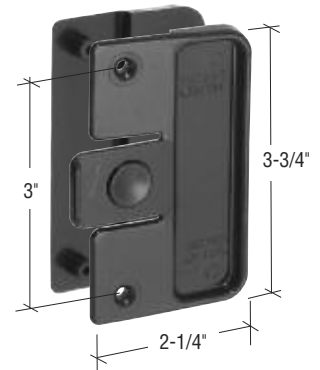


CAT. NO.	FINISH	QTY/PKG
STB1497	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Pulls; non-handed; automatic latching feature; fits Rolleze screen doors.

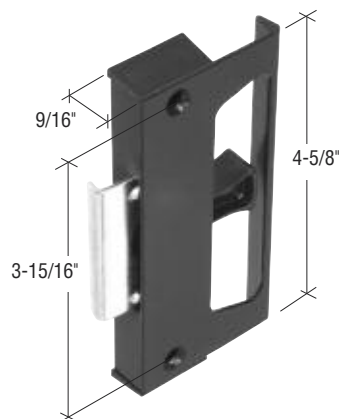


CAT. NO.	FINISH	QTY/PKG
A158	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Aluminum clamp style Latch; used on screen doors, sliding storm doors, and some commercial sliding windows.



CAT. NO.	FINISH	QTY/PKG
F2610	Black	1

Minimum order: 1 pack.

CRL Retractable Screen Doors

CRL's new style Retractable Screen Doors are certain to be a hit with your customers. Single or double doors are available in three attractive finishes. See pages 188W-190W for complete details.

new



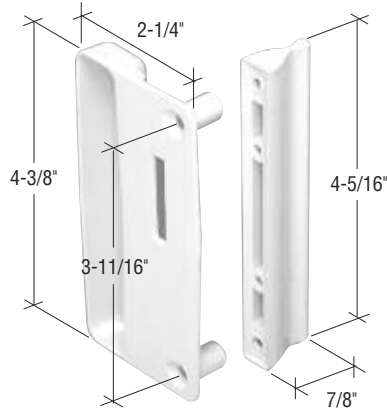
All packs of Replacement Hardware can be combined for quantity pricing.

CRL SLIDING SCREEN DOOR LATCHES AND PULLS

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CRL Pull

White plastic Inside and Outside screen door Pulls; fits Andersen screen doors.

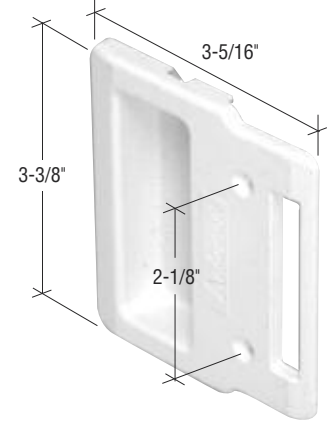


CAT. NO.	FINISH	QTY/PKG
A207	White	1

Minimum order: 1 pack.

CRL Pull

Plastic Inside Pull; fits Andersen two and three panel screen doors.

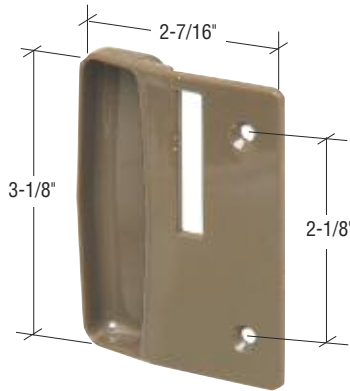


CAT. NO.	FINISH	QTY/PKG
A208	White	1
A209	Stone	1

Minimum order: 1 pack.

CRL Pull

Plastic Inside Pull; fits Andersen two panel screen doors.

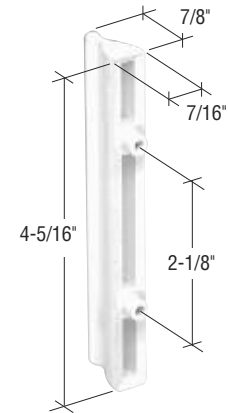


CAT. NO.	FINISH	QTY/PKG
A216	Stone	1

Minimum order: 1 pack.

CRL Pull

Plastic Outside Pull; used on Andersen screen doors.

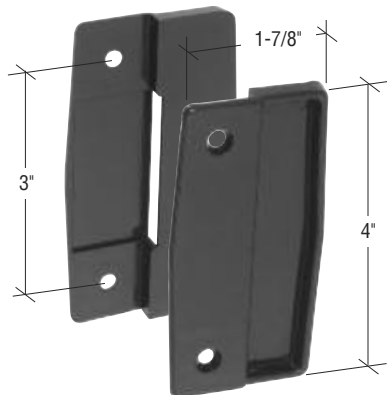


CAT. NO.	FINISH	QTY/PKG
A210	White	1
A211	Stone	1

Minimum order: 1 pack.

CRL Pull

Plastic Pulls; non-handed; surface mount; plastic assembly.

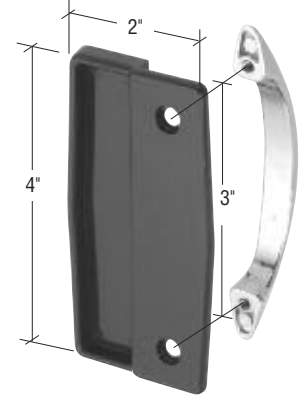


CAT. NO.	FINISH	QTY/PKG
A111	Black	1
A111B	Black	10

Minimum order: 1 pack.

CRL Pull

Plastic Inside Pull; chrome plated die cast Outside Pull; non-handed; surface mount.

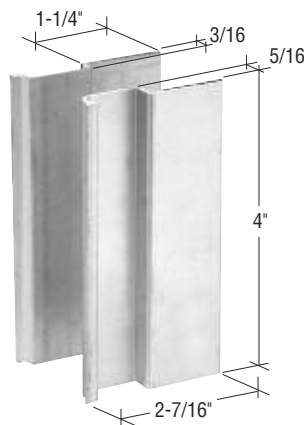


CAT. NO.	FINISH	QTY/PKG
A112	Black	1

Minimum order: 1 pack.

CRL Pull

Two anodized aluminum Pulls; one with a 3/16" deep offset, and the other with a 5/16" deep offset; Pulls do not come pre-drilled.

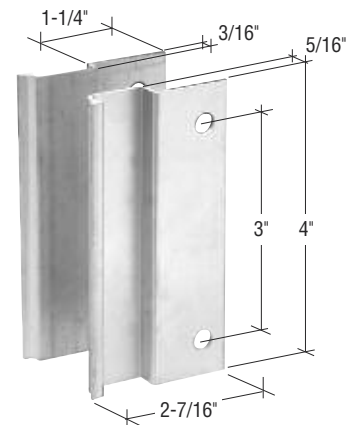


CAT. NO.	FINISH	QTY/PKG
A153	Anodized	1
A153B	Anodized	10

Minimum order: 1 pack.

CRL Pull

Two anodized aluminum Pulls; one with a 3/16" deep offset, and the other with a 5/16" deep offset; pulls are pre-drilled and come supplied with binder post fasteners.



CAT. NO.	FINISH	QTY/PKG
A183	Anodized	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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ALUMINUM

228W

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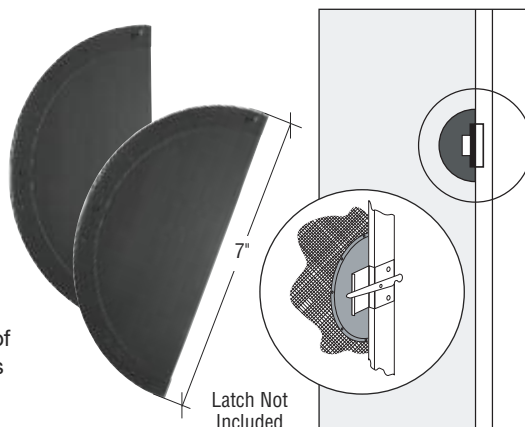
CRL SLIDING SCREEN DOOR LATCHES AND PULLS

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CRL Screen Shield

- No Tools Required
- Made of Durable Plastic
- Snap-Tite Installation
- Protects Around the Handle Where It Really Needs It!

This easy to install CRL Screen Shield protects a screen door where it gets the most use. Prevents sagging and bagging of the screen around the handle, and extends the life of the door. For use on both sliding and swinging screen doors.



Contents: One plastic inside panel; One plastic outside panel.

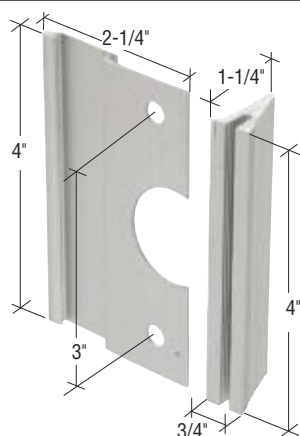
Description: Protects area around screen door handle. Easy, snap-together installation. Works well with most latch assemblies on both sliding and swinging screen doors.

CAT. NO.	FINISH	DESCRIPTION
A141	Black	1 Inside and 1 Outside Panel
A141B*	Black	10 Inside and 10 Outside Panels

Minimum order: 1 pack. *Bulk packed.

CRL Pull

Anodized aluminum Inside and Outside Pulls; non-handed; surface mount; designed to be used with Cat. No. A135 and A137 Latch Assemblies.

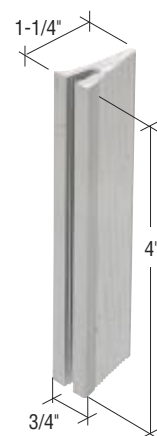


CAT. NO.	FINISH	QTY/PKG
A115	Anodized	1

Minimum order: 1 pack.

CRL Pull

Anodized aluminum Pull; surface mount; used by many door manufacturers.

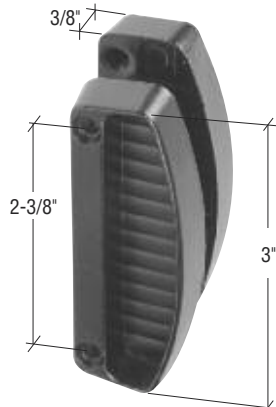


CAT. NO.	FINISH	QTY/PKG
A116	Anodized	1

Minimum order: 1 pack.

CRL Pull

Black die cast Pull; used by many door manufacturers; can be used with Cat. No. A105 or as individual outside pull.

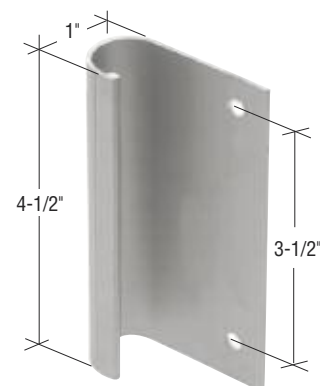


CAT. NO.	FINISH	QTY/PKG
A106	Black	1

Minimum order: 1 pack.

CRL Pull

Anodized extruded aluminum heavy-duty Inside or Outside Pull; surface mount; ideal secondary pull for children.

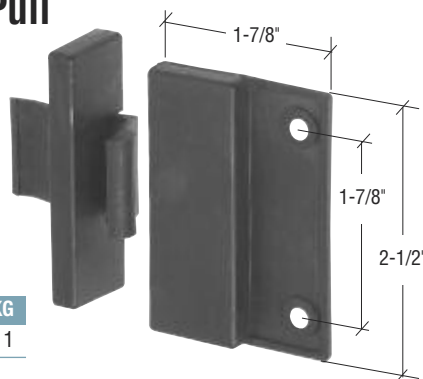


CAT. NO.	FINISH	QTY/PKG
A117	Anodized	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic pull; surface mount; automatic latching; used by H.D. Industries and many other manufacturers.



CAT. NO.	FINISH	QTY/PKG
A160	Black	1

Minimum order: 1 pack.

CRL Screen Wire

- We Offer Many Sizes of Aluminum, Fiberglass, Galvanized, Polyester, Stainless, Brass, and Solar Screen Wire



See pages 136W-144W

All packs of Replacement Hardware can be combined for quantity pricing.

CRL SLIDING SCREEN DOOR LATCHES AND PULLS

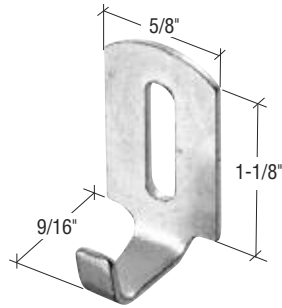
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CRL Latch Strike

Stamped steel Latch Strike; used by many screen door manufacturers.

CAT. NO.	FINISH	QTY/PKG
A125	Zinc	2

Minimum order: 1 pack.

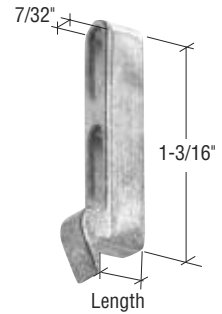


CRL Latch Strike

Die cast Latch Strike with zinc plated finish; used by many screen door manufacturers.

CAT. NO.	FINISH	LENGTH	QTY/PKG
A126	Zinc	3/16"	2
A162	Zinc	1/4"	2
A128	Zinc	5/16"	2

Minimum order: 1 pack.

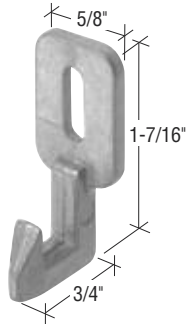


CRL Latch Strike

Heavy-duty die cast Latch Strike; used by many screen door manufacturers.

CAT. NO.	FINISH	QTY/PKG
A161	Zinc	1

Minimum order: 1 pack.

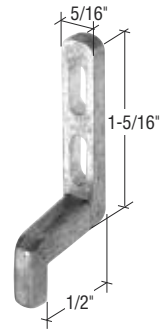


CRL Latch Strike

Die cast tapered nose Latch Strike; deep reach design; zinc plated finish; used with Cat. No. A202 style flush latching handles.

CAT. NO.	FINISH	QTY/PKG
A203	Zinc	2

Minimum order: 1 pack.

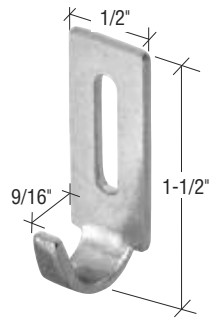


CRL Latch Strike

Stamped steel Latch Strike; used on Columbia doors.

CAT. NO.	FINISH	QTY/PKG
A163	Zinc	2

Minimum order: 1 pack.

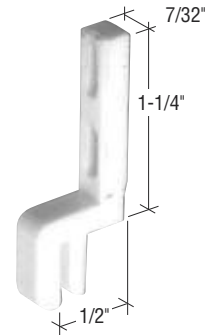


CRL Latch Strike

Plastic Strike; twin post hook end; primarily used in the southeastern U.S.

CAT. NO.	FINISH	QTY/PKG
A213	White	2

Minimum order: 1 pack.

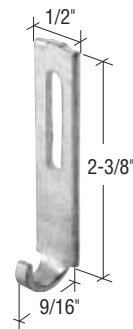


CRL Latch Strike

Heavy-duty stamped steel Latch Strike; extended vertical height adjustment slot.

CAT. NO.	FINISH	QTY/PKG
A159	Zinc	2

Minimum order: 1 pack.

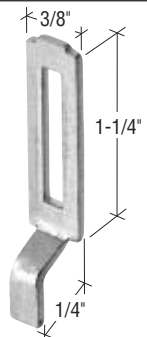


CRL Latch Strike

Stamped steel Latch Strike; adjustable; used by many screen door manufacturers.

CAT. NO.	FINISH	QTY/PKG
A148	Zinc	2

Minimum order: 1 pack.

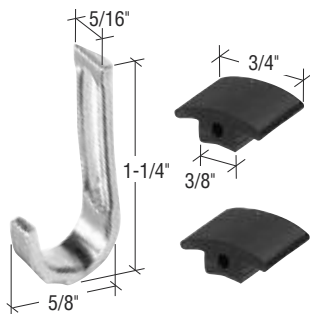


CRL Latch Strike

Narrow bodied stamped steel, zinc plated, screen door Latch Strike; black vinyl top guides; fits doors by Columbia.

CAT. NO.	FINISH	QTY/PKG
A174	Zinc	2

Minimum order: 1 pack.

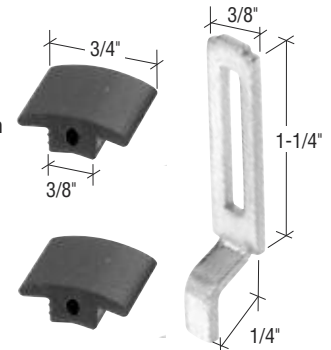


CRL Latch Strike

Stamped steel Latch Strike with two black vinyl top guides; common strike used with Cat. No. A165 Screen Door Handles.

CAT. NO.	FINISH	QTY/PKG
A166	Zinc	2

Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.



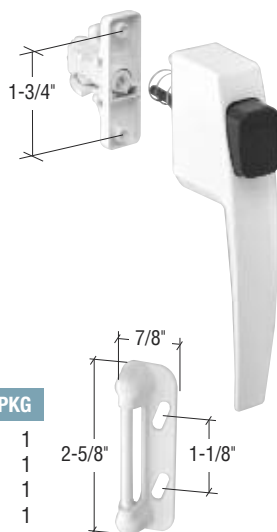
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CRL Push Button Latch

For out-swinging wood or metal doors; fits doors 5/8" to 1-1/4" (16 to 32 mm) thick; requires 1-3/4" (45 mm) mounting hole centers. Installs in three 5/16" (8 mm) diameter holes; 7/8" (22 mm) apart. Works with a resilient door strike. Convert to key operable with optional Push Button Cat. No. K5024 found on page 234W.

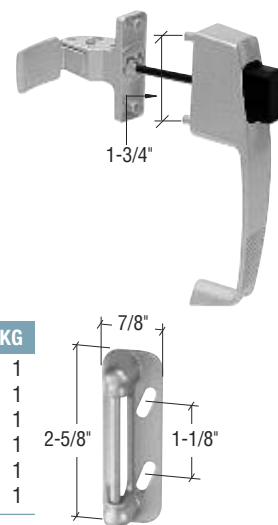


CAT. NO.	FINISH	KEYED	QTY/PKG
K5006	Aluminum	No	1
K5007	Black	No	1
K5008	Gold	No	1
K5145	White	No	1

Minimum order: 1 pack.

CRL Push Button Latch

For out-swinging wood or metal doors; fits doors 5/8" to 1-1/4" (16 to 32 mm) thick; 1-3/4" (45 mm) mounting hole centers. Installs in three 5/16" (8 mm) diameter holes; 7/8" (22 mm) apart. Works with a resilient door strike. Extra keys can be made using ILCO # 1041 keyway blanks, available from most locksmiths.

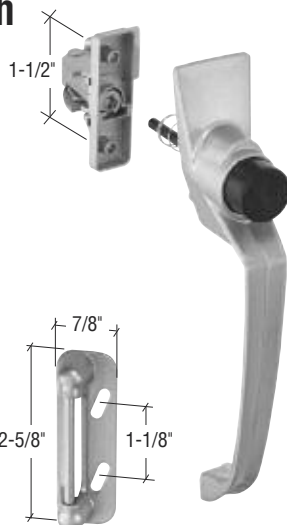


CAT. NO.	FINISH	KEYED	QTY/PKG
K5070	Aluminum	No	1
K5089	Aluminum	Yes	1
K5071	Black	No	1
K5090	Black	Yes	1
K5116	White	No	1
K5171	Chocolate Brown	No	1

Minimum order: 1 pack.

CRL Push Button Latch

For out-swinging wood or metal doors; fits doors 5/8" to 1-1/4" (16 to 32 mm) thick; 1-1/2" (38 mm) mounting hole centers. Installs in three 5/16" (8 mm) diameter holes; 3/4" (19 mm) apart. Works with a resilient door strike.

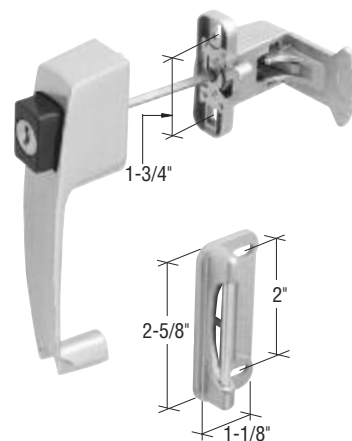


CAT. NO.	FINISH	QTY/PKG
K5107	Aluminum	1
K5082	Black	1

Minimum order: 1 pack.

CRL Push Button Latch

This popular CRL Push Button Lock is key operable from the outside, and will fit doors from 3/4" to 2" (19 to 51 mm) thick. Includes a resilient strike; 1-3/4" (45 mm) mounting hole centers.



CAT. NO.	FINISH	QTY/PKG
SK12	Aluminum	1
SK12BL	Black	1

Minimum order: 1 pack.

CRL Push Button Latch

For out-swinging wood or metal doors; finish is black hammered or textured, referred to as Colonial; fits doors 5/8" to 1-1/4" (16 to 32 mm) thick; 1-3/4" (45 mm) mounting hole centers. Installs in three 5/16" (8 mm) diameter holes; 7/8" (22 mm) apart. Complete with resilient door strike, and installation screws.

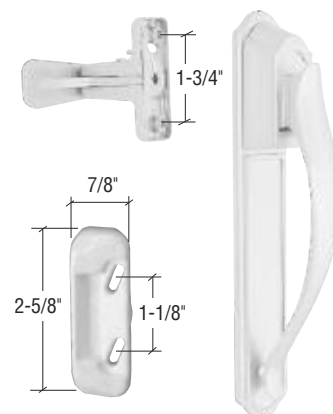


CAT. NO.	FINISH	KEYED	QTY/PKG
K5079	Black	No	1
K5080	Black	Yes	1

Minimum order: 1 pack.

CRL Pull Lever Latch

Die cast screen and storm door Pull Lever Latch. Similar to our Push Latches, however, this latch opens with a simple pull of the lever handle and mounts to the door with the same 1-3/4" (45 mm) hole centers. An ideal replacement latch on existing doors. Each package includes extra mounting hardware for various door thicknesses.



CAT. NO.	FINISH	QTY/PKG
SKD1W	White	1
SKD1BL	Black	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

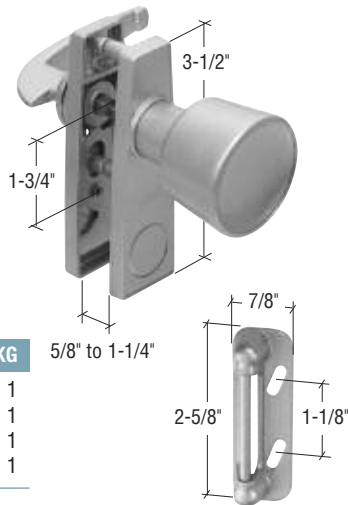
CRL STORM AND SCREEN DOOR HARDWARE

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Tulip Knob Latch

• 1-3/4" (45 mm) Hole Centers

For out-swinging wood or metal doors; fits 5/8" to 1-1/4" (16 to 32 mm) thick doors, requires three mounting holes 7/8" (22 mm) apart. Complete with resilient door strike and mounting shims.



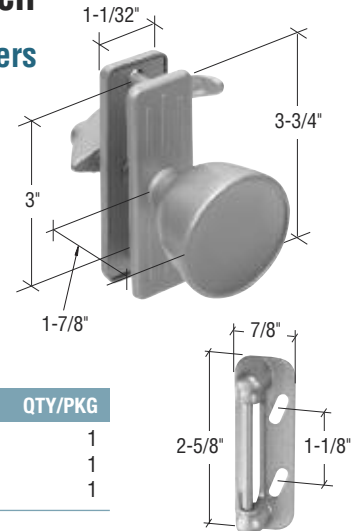
CAT. NO.	FINISH	QTY/PKG
K5000	Aluminum	1
K5001	Black	1
K5121	White	1
K5170	Chocolate Brown	1

Minimum order: 1 pack.

CRL Tulip Knob Latch

• 3" (76 mm) Hole Centers

For out-swinging wood or metal doors; fits 1" to 1-1/4" (25 to 32 mm) thick doors, requires three mounting holes 1-1/2" (38 mm) apart. Complete with resilient door strike and mounting shims.

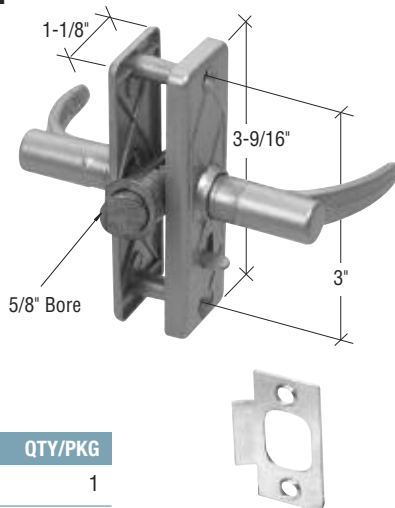


CAT. NO.	FINISH	KEYED	QTY/PKG
K5077	Gray	No	1
K5078	Gray	Yes	1
K5340	Black	No	1

Minimum order: 1 pack.

CRL Door Latch

Designed to fit most combination screen and storm doors; fits 7/8" to 1-1/4" (22 to 32 mm) thick doors, 3" (76 mm) mounting hole centers; requires three holes 1-1/2" (38 mm) apart.

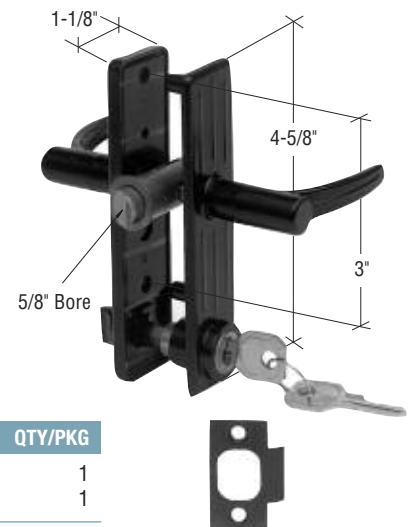


CAT. NO.	FINISH	QTY/PKG
K5052	Aluminum	1

Minimum order: 1 pack.

CRL Door Lock

Designed to fit most combination screen and storm doors; fits 7/8" to 1-1/4" (22 to 32 mm) thick doors, 3" (76 mm) mounting hole centers; requires three holes 1-1/2" (38 mm) apart. Key operable from the outside.



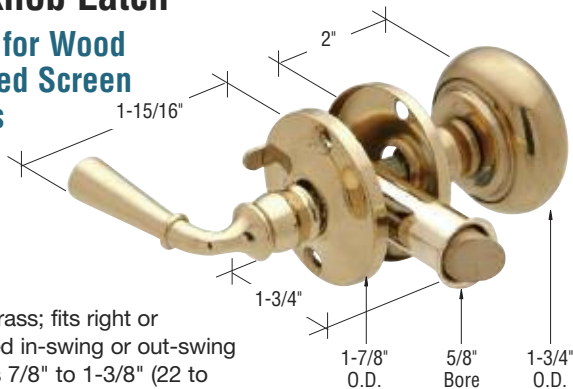
CAT. NO.	FINISH	QTY/PKG
K5053	Aluminum	1
K5102	Black	1

Minimum order: 1 pack.

CRL Knob Latch

• Ideal for Wood Framed Screen Doors

Solid brass; fits right or left handed in-swing or out-swing doors; fits 7/8" to 1-3/8" (22 to 35 mm) thick doors; mounts in a 5/8" (16 mm) diameter hole and 5/8" (16 mm) diameter latch bore; 1-3/4" (45 mm) backset from door edge; inside lock for security.



CAT. NO.	QTY/PKG
K5081	1

Minimum order: 1 pack.

CRL Commercial Door Locking Hardware

• Both Commercial Cylindrical and Mortise Locks Available



See pages 775W-778W

All packs of Replacement Hardware can be combined for quantity pricing.



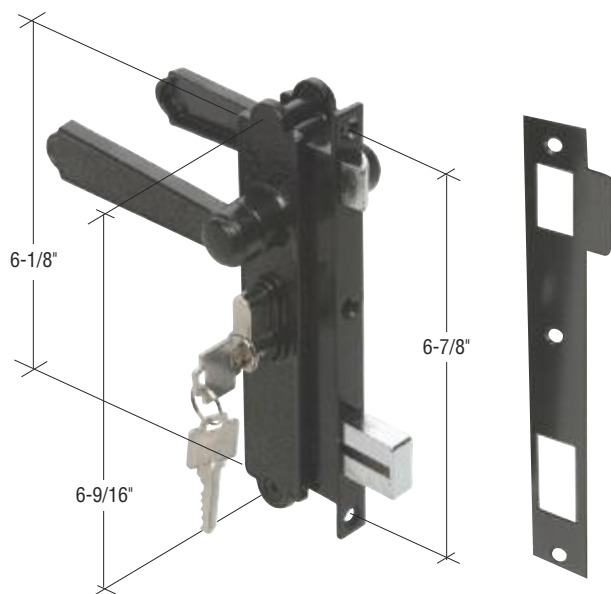
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CRL Security Door Mortise Lock

Heavy-duty die cast mortise lock, escutcheon plates, lever handles, stamped steel strike plate, thumb-turn/single key cylinder, and two keys. Spring latch is reversible for left to right handing. Fits on security doors made by Academy Manufacturing.

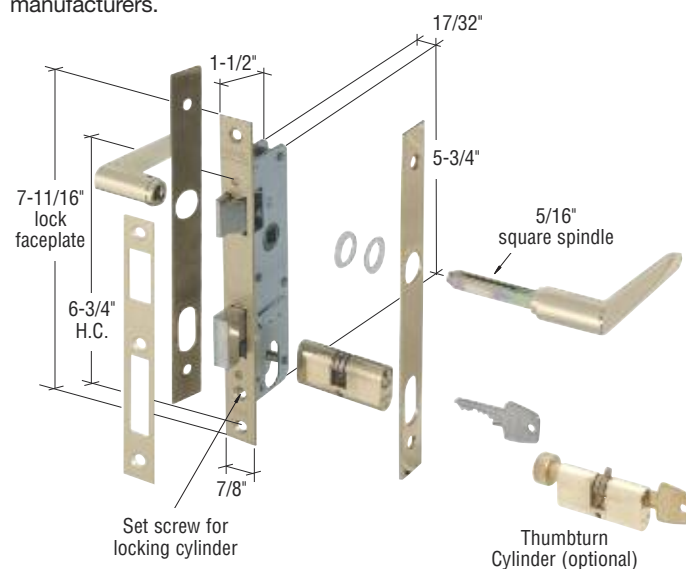


CAT. NO.	FINISH	QTY/PKG
K5092	Black	1

Minimum order: 1 pack.

CRL Storm Door Mortise Lock

Our Storm Door Mortise Lock has stamped steel case; solid brass trim plates; brass plated, die cast, low profile handles; solid brass double-keyed, 5-pin tumbler Cylinder Lock; for 1" to 1-1/2" (25 to 38 mm) thick storm doors; used by several door manufacturers.



CAT. NO.	FINISH	DESCRIPTION	QTY/PKG
K5130	Brass	Complete Set	1
K5339	Brass	Thumbturn Cylinder Only	1

Minimum order: 1 pack.

CRL Mortise Lock Levers

Black die cast escutcheon plates with lever handles. Repair/replacement part for Cat. No. K5092 shown above.



CAT. NO.	FINISH	QTY/PKG
K5063	Black	1

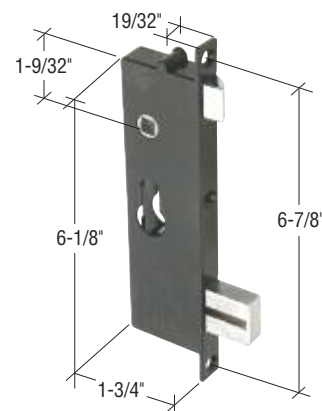
Minimum order: 1 pack.

CRL Mortise Lock Insert

Die cast mortise lock insert with steel latch and deadbolt. Non-handed, latch easily reversible. Repair/replacement part for Cat. No. K5092 shown above. Can be used with either single key/thumbturn or double key cylinders shown below.

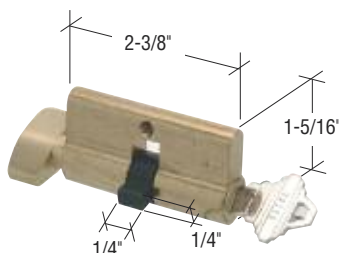
CAT. NO.	QTY/PKG
K5064	1

Minimum order: 1 pack.



CRL Locking Cylinder

Thumbturn inside, key outside; solid brass 5 pin tumbler; used with most security door mortise locks. Includes two keys; available in either Schlage or Kwikset keyways.

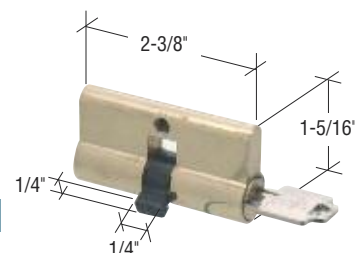


CAT. NO.	KEYWAY	QTY/PKG
K5105	Schlage	1
K5062	Kwikset	1

Minimum order: 1 pack.

CRL Locking Cylinder

Double keyed, solid brass 5 pin tumbler; used with most security door mortise locks. Includes two keys; available in either Schlage or Kwikset keyways.



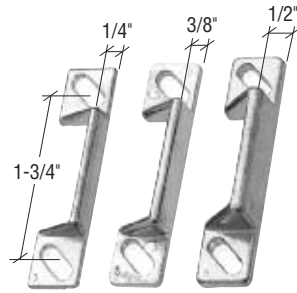
CAT. NO.	KEYWAY	QTY/PKG
K5106	Schlage	1
K5061	Kwikset	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Latch Strike Assortment

Set of three die cast solid latch strikes to fit most door jamb configurations. For use with resilient nose inside latches. Three latch heights included 1/4", 3/8", and 1/2" (6.3, 9.5, and 12.7 mm).



CRL Latch Strike With Shims

Die cast strike is 1/4" (6.3 mm) tall and includes three each 1/16" (1.6 mm) plastic shims for overall height adjustability. Solid strikes are used with resilient nose inside latches.

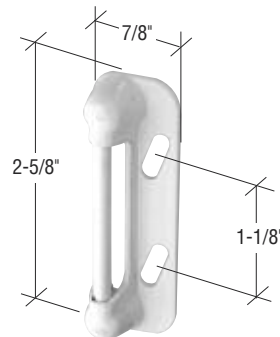


CAT. NO.	FINISH	QTY/PKG
K5148	Aluminum	1
K5010	Black	1

Minimum order: 1 pack.

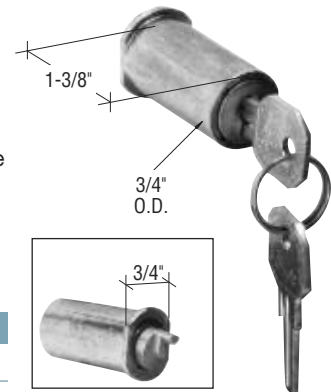
CRL Latch Strike

Die cast, spring loaded stike works with all solid inside door latches. Includes two 1/16" (1.6 mm) plastic shims for height adjustment to fit most door jamb configurations.



CRL Locking Unit

Key cylinder for Cat. No. K5000 type Tulip Knob Screen Door Latches. Allows latch to be locked or unlocked from the outside. One size fits door thickness from 5/8" to 1-1/4" (16 to 32 mm). Includes two keys.

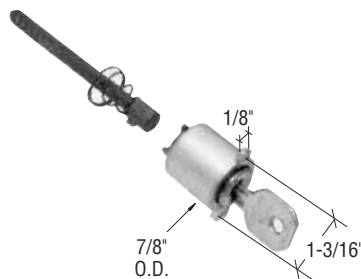


CAT. NO.	QTY/PKG
K5021	1

Minimum order: 1 pack.

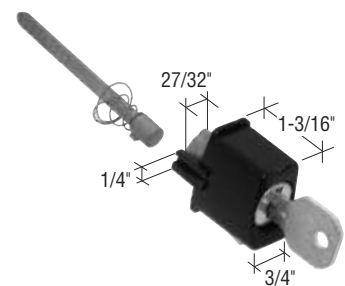
CRL Locking Unit

Push Button with Key cylinder for use with Cat. No. SK12 type Screen Door Latches. Zinc finish, includes two keys. Break-off tab for door thickness adjustment. Replacement keys can be made from ILC0 # 1041 key blanks available at most locksmiths.



CRL Locking Unit

Push Button with key cylinder for use on old style Ideal brand Screen Door Latches. Includes two keys. Break-off tab for door thickness adjustment.

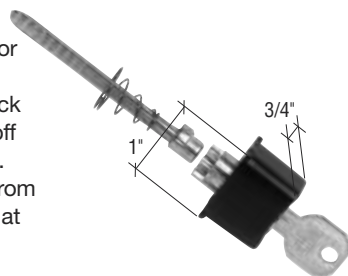


CAT. NO.	QTY/PKG
K5022	1
K5023	1

Minimum order: 1 pack.

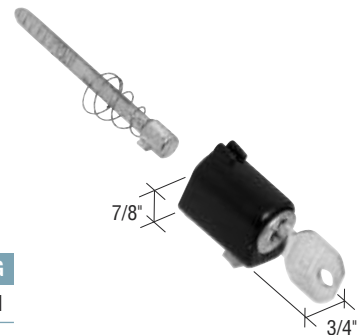
CRL Locking Unit

Push Button with key cylinder for use on Cat. No. K5006 type Push Button Screen Door Latches. Black finish, includes two keys. Break-off tab for door thickness adjustment. Replacement keys can be made from ILC0 # 1041 key blanks available at most locksmiths.



CRL Locking Unit

Push Button with key cylinder for use on Cat. No. K5079 "Colonial" type Push Button Screen Door Latches. Black finish, includes two keys. Break-off tab for door thickness adjustment.



CAT. NO.	QTY/PKG
K5024	1
K5099	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Chain

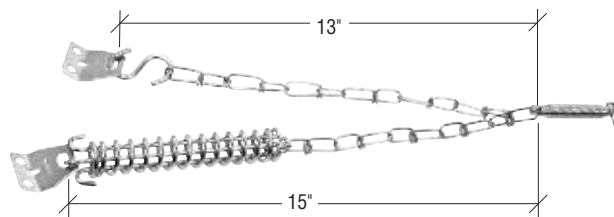


Extra heavy-duty metal chain with a vinyl cover to protect the door's surface. Designed for full size exterior doors, with rugged compression springs and steel chain, die cast mounting brackets, and mounting screws.

CAT. NO.	LENGTH	FINISH	QTY/PKG
15850	30-1/2"	Chrome	1
15855	25"	Chrome	1
WC1631	25"	Bronze	1

Minimum order: 1 each.

CRL Door Chain Stop



Helps prevent wind damage to doors; all mounting brackets and hardware included; hold-up spring helps prevent damage to door surfaces when door is closed.

CAT. NO.	FINISH	QTY/PKG
K5026	Aluminum	1
K5141	Black	1

Minimum order: 1 pack.

CRL Deluxe Wood Screen and Storm Door Kit

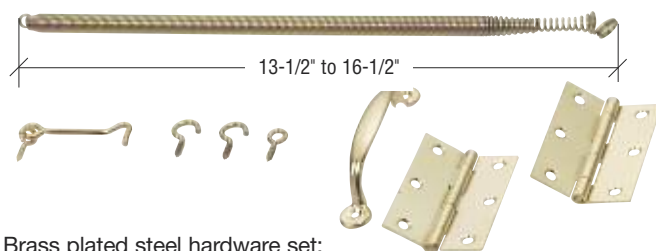
Solid brass door latch; three brass plated hinges; round outside knob and lever action inside handle; aluminum finish closer; zinc plated storm door chain; for use on wood screen and storm doors 7/8" to 1-3/8" (22 to 35 mm) thick; supplied with mounting screws.



CAT. NO.	QTY/PKG
K5083	1

Minimum order: 1 pack.

CRL Wood Screen Door Kit



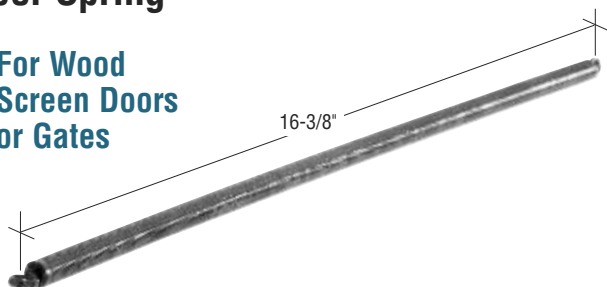
Brass plated steel hardware set; adjustable spring has a brass finish; hinges are reversible for surface or edge mounting; rolled, hollow-grip pull for maximum comfort; hook and eye locking.

CAT. NO.	QTY/PKG
K5045	1

Minimum order: 1 pack.

CRL Wood Screen Door Spring

- For Wood Screen Doors or Gates

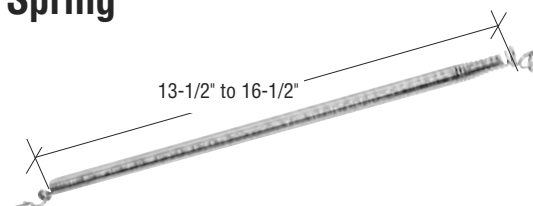


Black steel spring; traditionally used on wood screen doors or gates.

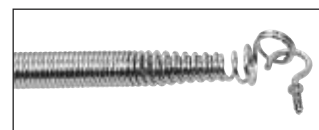
CAT. NO.	QTY/PKG
K5129	1

Minimum order: 1 pack.

CRL Adjustable Door Spring



Steel Spring is made from two springs, one wound inside of the other. Strength adjustment is done by increasing, or decreasing overall spring length by winding inside spring in or out of outer spring. Zinc plated.



CAT. NO.	QTY/PKG
K5035	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL STORM AND SCREEN DOOR HARDWARE

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CRL Lever Pull Latch

• New Slim Design

This slim line die cast Lever Pull Latch fits screen and storm doors. Very slim design, inside has a push pad. Fits doors 1" to 2-1/8" (25.4 to 54 mm) thick with 1-3/4" (44.5 mm) hole centers.

CAT. NO.	FINISH	QTY/PKG
SKCSW	White	1
SKCSBL	Black	1

Minimum order: 1 pack.



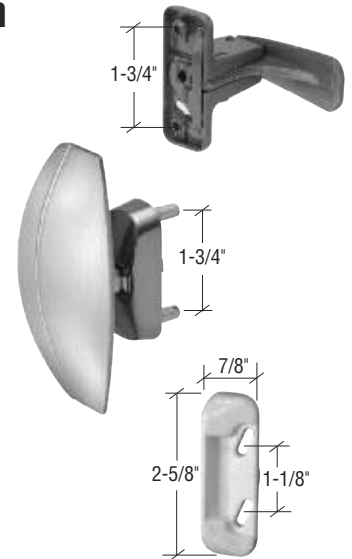
CRL Clam Pull Latch

• Unique Clam Design

This CRL Clam Pull Latch fits screen and storm doors. It opens with a unique side-pull action. Inside has a push pad. Fits doors 1" to 2-1/8" (25.4 to 54 mm) thick with 1-3/4" (44.5 mm) hole centers.

CAT. NO.	FINISH	QTY/PKG
SKHPW	White	1
SKHPSC	Satin Nickel	1

Minimum order: 1 pack.



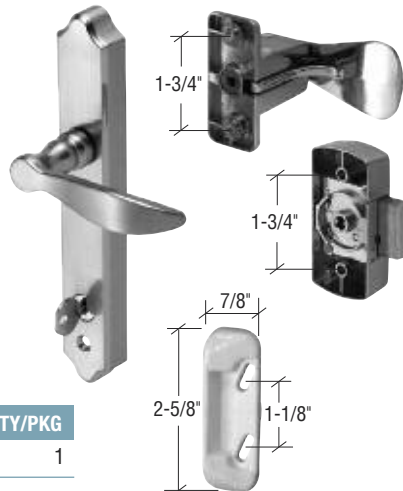
CRL Storm Door Handle and Latch

• Key Lock With Deadbolt

CRL Heavy-Duty Storm Door Latch designed for storm doors. Latch has a large push pad inside. Fits doors 1" to 2-1/8" (25.4 to 54 mm) thick with 1-3/4" (44.5 mm) hole centers.

CAT. NO.	FINISH	QTY/PKG
SK1215SC	Satin Nickel	1

Minimum order: 1 pack.



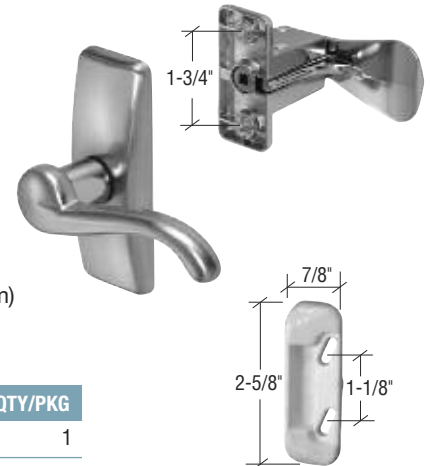
CRL Storm Door Handle and Latch

• Sculptured Lever Handle

CRL Heavy-Duty Storm Door Latch has a sculptured lever handle outside with a large push pad inside. Fits doors 1" to 2-1/8" (25.4 to 54 mm) thick with 1-3/4" (44.5 mm) hole centers.

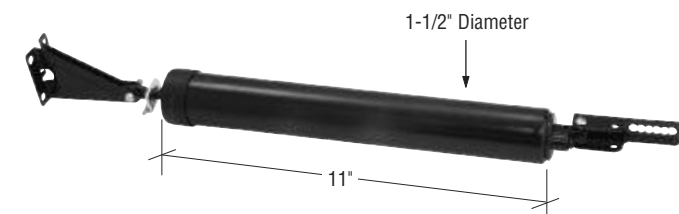
CAT. NO.	FINISH	QTY/PKG
SK9LWSC	Satin Nickel	1

Minimum order: 1 pack.



CRL Heavy-Duty Storm Door Closer

• Automatic Hold-Open Feature



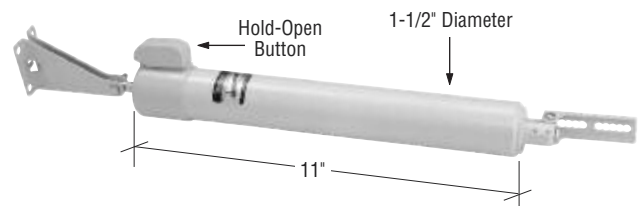
CRL Heavy Duty Storm Door Closer is designed for 1-1/2" to 2" (38 to 51 mm) thick doors. Automatically maintains door in a 73 degree open position until the door is bumped to release.

CAT. NO.	FINISH	QTY/PKG
SK4730BL	Black	1

Minimum order: 1 each.

CRL Touch and Hold Screen Door Closer

• Hold-Open Feature



CRL Touch and Hold Screen Door Closer is ideal for light to medium weight doors. Open the door to any desired position and tap the stay pad on the barrel and the door remains open until bumped to close.

CAT. NO.	FINISH	QTY/PKG
1102AHW	White	1
1102AHBL	Black	1

Minimum order: 1 each.



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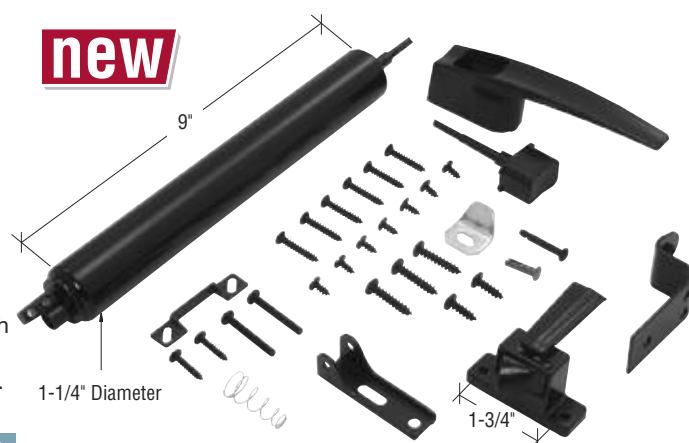
CRL Steel and Vinyl Screen Door Parts Kit

- **Pneumatic Closer**
- **Push Button Handle Assembly**
- **All Installation Hardware Included**

This CRL Screen Door Parts Kit is designed for our Steel and Vinyl Screen Doors. The kit includes a push button handle, interior locking latch lever, a pneumatic closer, and all mounting fasteners. The components are all black powder coated for corrosion resistance and long-lasting use.

CAT. NO.	FINISH	QTY/PKG
50631260	Black	1

Minimum order: 1 each.



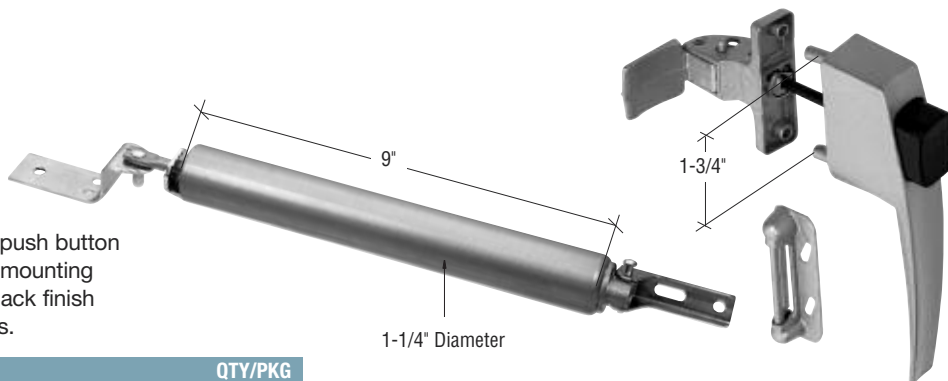
CRL Standard Screen Door Kit

- **Light Load Pneumatic Closer**
- **Push Button Handle Assembly**
- **Two Finishes Available**

Our Standard Screen Door Kit contains a push button latch and a light load pneumatic closer with mounting bracket. Kits are available in aluminum or black finish for wood or metal out-swinging screen doors.

CAT. NO.	FINISH	QTY/PKG
ESDK100	Aluminum	1
ESDK150	Black	1

Minimum order: 1 each.



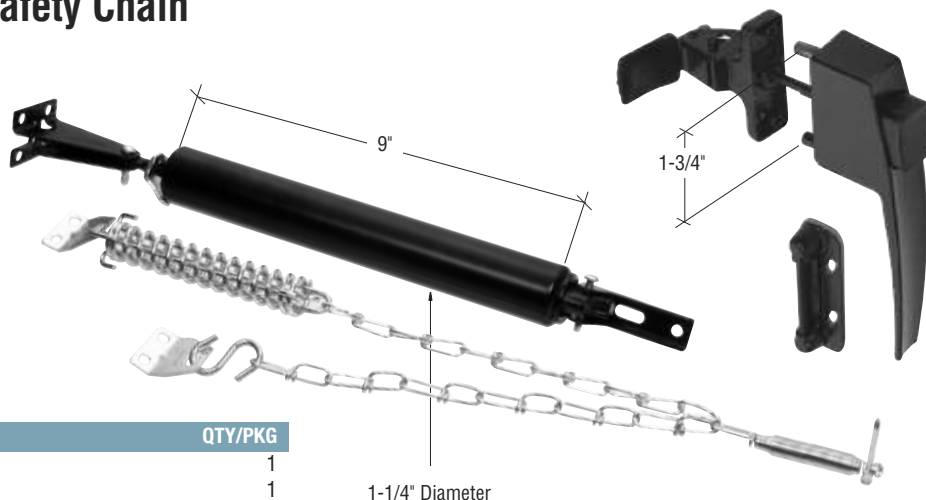
CRL Storm Door Kit With Safety Chain

- **Light to Medium Load Pneumatic Closer**
- **Includes Door Chain Stop**
- **Two Finishes Available**

Kit contains push button latch, a light to medium load pneumatic closer, and a door protector chain. For all out-swinging storm doors. Available in aluminum or black finish.

CAT. NO.	FINISH	QTY/PKG
ESDK200	Aluminum	1
ESDK250	Black	1

Minimum order: 1 each.



All packs of Replacement Hardware can be combined for quantity pricing.

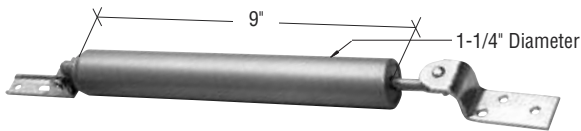
CRL Storm and Screen Door Closer Selection Guide:

Door closers come in a variety of strengths and types to accommodate the weights and types of doors, which they are designed to close.

- **Light Weight Closers** are designed for very light weight roll formed screen doors common on the West Coast. Using a heavy weight closer might rack this type of door.
- **Light to Medium Closers** will work with most extruded frame screen doors and light weight storm door frames which do not have glass panels.
- **Medium Weight Closers** are most popular for storm doors throughout the Midwest and East Coast.
- **Heavy Weight Closers** are made with 1-1/2" diameter tubes to give increased adjustment range and added closing strength when needed.
- **Heavy-Duty Closers** with shock absorbing springs are designed to close the same heavy door as described as Heavy Weight, with the additional feature of having a spring to cushion the door if it is blown open. This helps protect the door from racking, and increases the life of the hinges.



CRL Pneumatic Closer

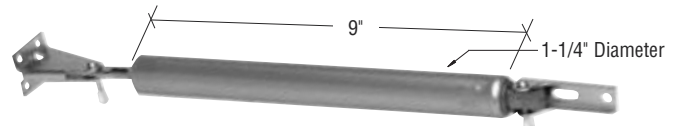


For out-swinging wood or metal doors; full 90 degree opening; adjustable closing speed; aluminum tube - will not rust; factory lubricated.

CAT. NO.	LOAD	FINISH	QTY/PKG
K5103	Light	Aluminum	1
K5104	Light	Black	1
K5158	Light	White	1

Minimum order: 1 pack.

CRL Pneumatic Closer



For out-swinging wood or metal doors; full 90 degree opening; adjustable closing speed; aluminum tube - will not rust; factory lubricated; sure-close latch feature.

CAT. NO.	LOAD	FINISH	QTY/PKG
K5027	Light - Medium	Aluminum	1
K5028	Light - Medium	Black	1
K5118	Light - Medium	White	1
K5172	Light - Medium	Chocolate Brown	1

Minimum order: 1 pack.

CRL Pneumatic Closer

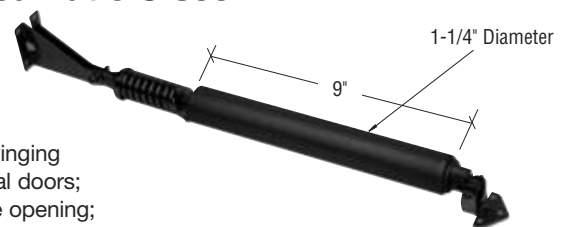


For out-swinging wood or metal doors; fits 5/8" to 1-1/4" (16 to 32 mm) thick doors; full 90 degree opening; adjustable closing speed; aluminum tube - will not rust; factory lubricated; sure-close latch feature.

CAT. NO.	LOAD	FINISH	QTY/PKG
K5067	Medium	Aluminum	1
K5073	Medium	Black	1
K5119	Medium	White	1
K5173	Medium	Chocolate Brown	1

Minimum order: 1 pack.

CRL Pneumatic Closer

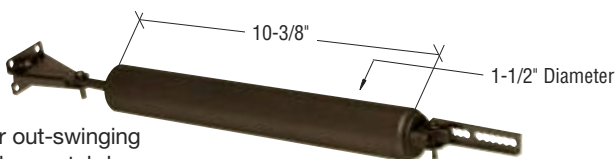


For out-swinging wood or metal doors; full 90 degree opening; adjustable closing speed; aluminum tube - will not rust; factory lubricated; external spring to prevent wind damage; sure-close latch feature.

CAT. NO.	LOAD	FINISH	QTY/PKG
K5074	Medium - Heavy	Aluminum	1
K5076	Medium - Heavy	Black	1

Minimum order: 1 pack.

CRL Pneumatic Closer

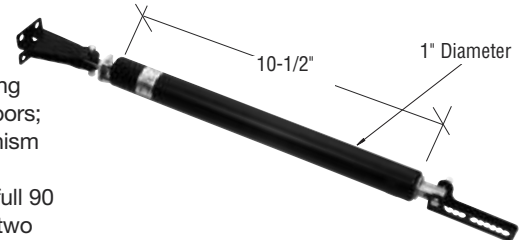


For out-swinging wood or metal doors; full 90 degree opening; adjustable closing speed; aluminum tube - will not rust; factory lubricated; sure-close latch feature.

CAT. NO.	LOAD	FINISH	QTY/PKG
K5108	Heavy	Aluminum	1
K5109	Heavy	Black	1
K5120	Heavy	White	1
K5174	Heavy	Chocolate Brown	1

Minimum order: 1 pack.

CRL Hydraulic Closer



For out-swinging wood or metal doors; hydraulic mechanism provides smooth, constant action; full 90 degree opening; two hole end cap for adjustable latching power in summer or winter; adjustable closing speed.

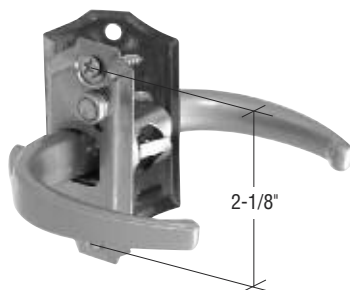
CAT. NO.	LOAD	FINISH	QTY/PKG
K5058	Medium - Heavy	Aluminum	1
K5059	Medium - Heavy	Black	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Push/Pull Latch

Popular for wood or metal doors; installs in 1" (25 mm) diameter single hole; no mortising; for out-swinging doors 1" to 1-3/8" (25 to 35 mm) thick; pull to open from outside, push to open from inside; backset 11/16" (17 mm) from surface of stop on jamb; baked on enamel finish.

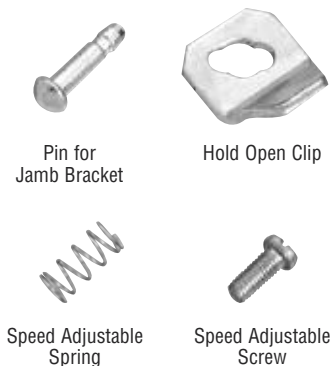


CAT. NO.	FINISH	QTY/PKG
K5125	Gray	1

Minimum order: 1 pack.

CRL Closer Repair Kit

Kit contains the most commonly needed replacement parts for pneumatic door closers.

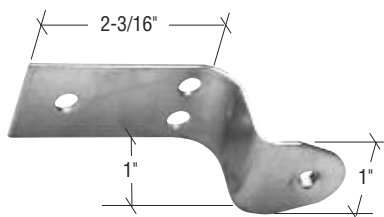


CAT. NO.	FINISH	QTY/PKG
K5034	Zinc Plated	1

Minimum order: 1 pack.

CRL Jamb Bracket

Top mounting Jamb Bracket used with pneumatic door closers; stamped steel; ideal for narrow stop installations.

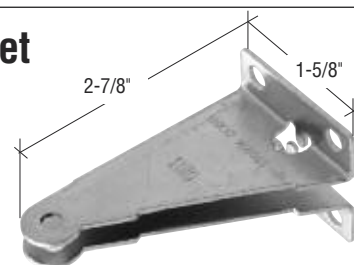


CAT. NO.	FINISH	QTY/PKG
K5030	Zinc Plated	1

Minimum order: 1 pack.

CRL Jamb Bracket

Side mounting Jamb Bracket used with pneumatic door closers; stamped steel.

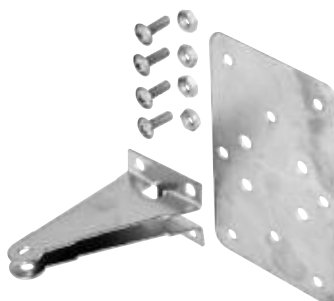


CAT. NO.	FINISH	QTY/PKG
K5031	Zinc Plated	1

Minimum order: 1 pack.

CRL Jamb Bracket With Plate

Side mounting Jamb Bracket with cover plate, includes mounting screws for bracket to plate, ideal for mounting over a previously damaged jamb. Cadmium plated for corrosion resistance.

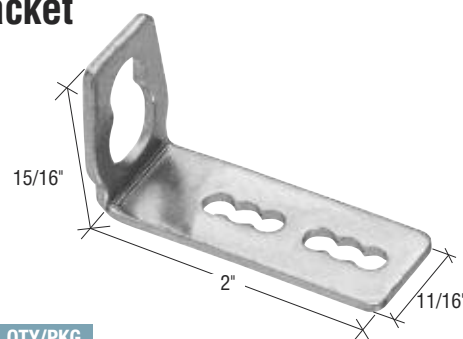


CAT. NO.	FINISH	QTY/PKG
K5072	Zinc Plated	1

Minimum order: 1 pack.

CRL Door Bracket

Bracket used to mount tube type screen and storm door closers to door surfaces; stamped zinc plated steel.

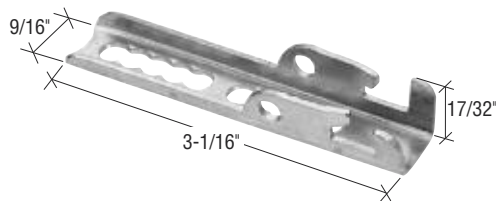


CAT. NO.	FINISH	QTY/PKG
K5032	Zinc Plated	1

Minimum order: 1 pack.

CRL Door Bracket

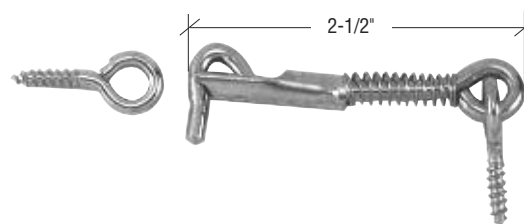
Bracket used to mount tube type storm door closers to door surfaces; stamped steel; zinc plated.



CAT. NO.	FINISH	QTY/PKG
K5033	Zinc Plated	1

Minimum order: 1 pack.

CRL Hook and Eye



CAT. NO.	FINISH	QTY/PKG
K5054	Zinc Plated	1

Minimum order: 1 pack.

Zinc plated steel Hook and Eye used to secure wood screen door to jamb.

All packs of Replacement Hardware can be combined for quantity pricing.

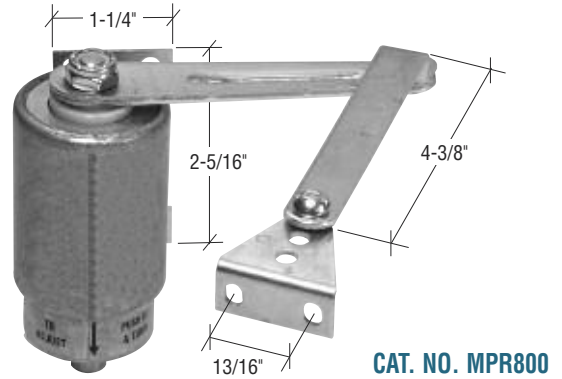
CRL STORM AND SCREEN DOOR HARDWARE

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Rotary Hydraulic Door Closer

- For Use on Lightweight Interior Screen or Storm Doors - Maximum Weight 35 lbs. (16 kg)
- Adjustable Closing Speed
- Aluminum in Color

This CRL Rotary Hydraulic Door Closer is designed specifically for lightweight screen or storm doors. It is only 3-3/4" (95 mm) high, 1-3/4" (45 mm) wide, and 2-1/4" (57 mm) deep. The narrow base holds securely to flush panel doors with the narrowest of stiles. This closer permits a full 180 degree door opening. It has adjustable closing power and life-time lubrication. Minimum order is one each.



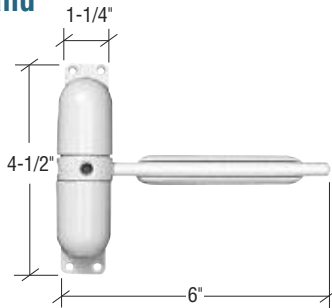
CRL GIB Spring Door Closer

- Adjustable Closing System
- For Use on Inswinging and Outswinging Doors
- UL Listed

The CRL Surface Mounted GIB Spring Door Closer is a Non-Handed Spring Closer that will close Doors up to 150 lbs.

CAT. NO.	FINISH
KC11US	White
KC18US	Brown
KC61US	Satin Chrome

Minimum order: 1 pack.



new

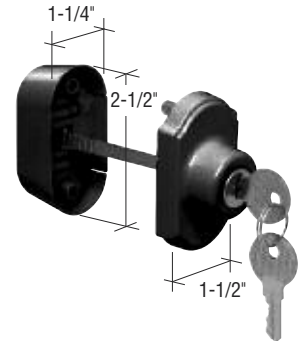
CRL Deadbolt Lock

- Available in Black or White Finish

Heavy-duty die cast screen and storm door key lockable Deadbolt. Bolt extends 1/2" (12.7 mm), and cannot be forced back with a blade. Lock is designed to fit doors from 1" to 1-1/4" (25 to 32 mm) thick and has a black painted finish.

CAT. NO.	FINISH
SK703BL	Black
SK703W	White

Minimum order: 1 pack.

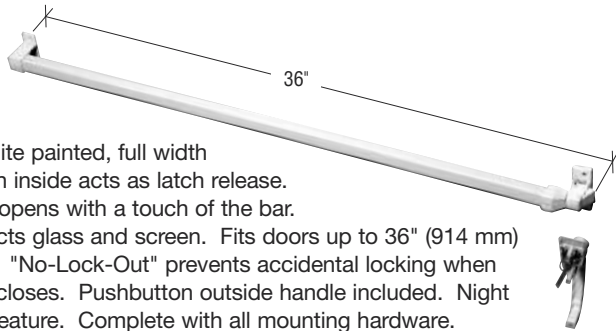


new

CRL Touch Bar Latch

White painted, full width bar on inside acts as latch release. Door opens with a touch of the bar. Protects glass and screen. Fits doors up to 36" (914 mm) wide. "No-Lock-Out" prevents accidental locking when door closes. Pushbutton outside handle included. Night lock feature. Complete with all mounting hardware. Minimum order is one each.

CAT. NO. SK4390W

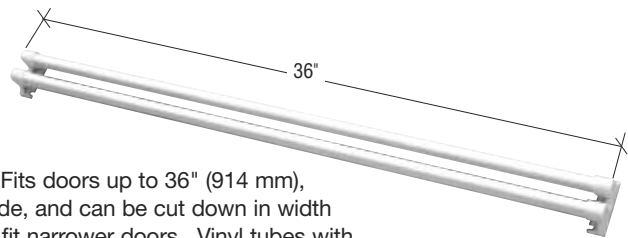


CRL Push Bar

Fits doors up to 36" (914 mm), wide, and can be cut down in width to fit narrower doors. Vinyl tubes with aluminum reinforcement insert resists corrosion. Low profile design protrudes less than 1" (25 mm) from face of door and mounts with plastic end caps.

CAT. NO.	FINISH	QTY/PKG
K5166	Gray	1
K5167	White	1

Minimum order: 1 pack.

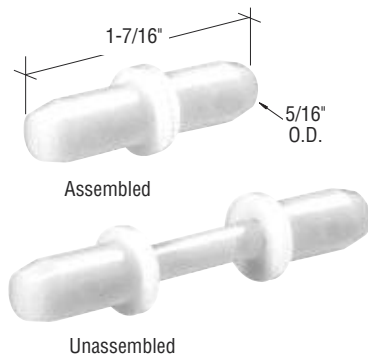


CRL Hinge Pins and Bushings

White nylon Hinge Pins with Bushings; used in hinges on Croft storm doors.

CAT. NO.	QTY/PKG
K5132	6

Minimum order: 1 pack.

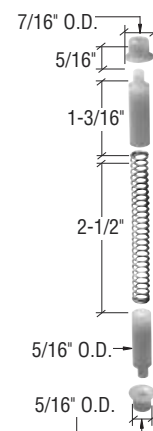


CRL Hinge Pins and Bushings

Six white nylon hinge pins and bushings with 3 steel springs. Will fit and repair 3 storm door hinges used by several door manufacturers.

CAT. NO.	QTY/PKG
K5131	3 Sets

Minimum order: 1 pack.



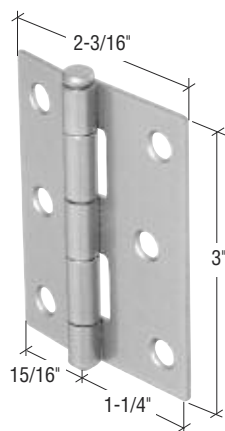
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Hinge

Short-legged painted steel Hinge fits narrow stile doors. This hinge has been used by a major screen door manufacturer on the west coast for years.

CAT. NO.	FINISH	QTY/PKG
K5180	Silver	2
K5183	White	2

Minimum order: 1 pack.

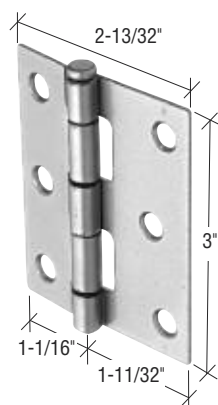


CRL Hinge

Short legged painted steel Hinge fits narrow stile 5/8" (16 mm) screen doors; removable pin for half-surface installation.

CAT. NO.	FINISH	QTY/PKG
K5038	Gray	2
K5039	Black	2

Minimum order: 1 pack.

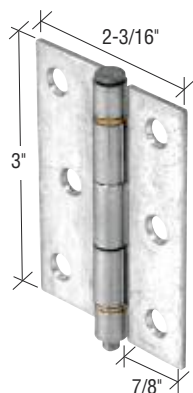


CRL Hinge

Aluminum Hinges with brass oilite bearings; for wood or metal screen or storm doors.

CAT. NO.	FINISH	QTY/PKG
K5142	Aluminum	2

Minimum order: 1 pack.

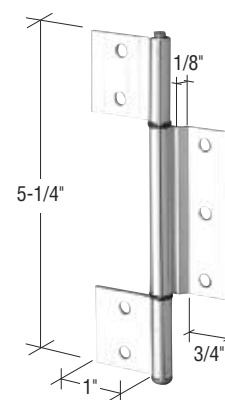


CRL Hinge

Extruded aluminum three piece Hinge assembly; 1/8" (3.2 mm) offset center leaf; used by many screen and storm door manufacturers.

CAT. NO.	FINISH	QTY/PKG
K5093	Aluminum	1
K5153	Florida Brown	1

Minimum order: 1 pack.

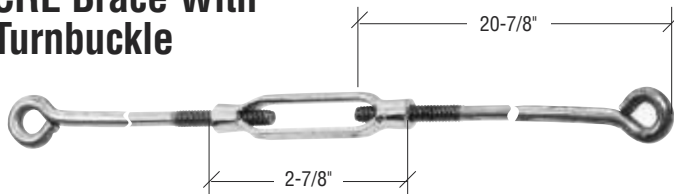


CRL Brace With Turnbuckle

Brace system used on wood screen and storm doors to protect against warping; 1/4" (6.3 mm) diameter steel rods; die cast turnbuckle; 42" (1066 mm) total length.

CAT. NO.	QTY/PKG
K5037	1

Minimum order: 1 pack.

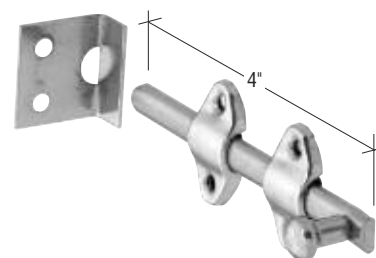


CRL Slide Bolt

Chrome plated, zinc die cast Slide Bolt used on double screen door installations; locks the fixed door into place.

CAT. NO.	QTY/PKG
K5019	1

Minimum order: 1 pack.



CRL Door Catch

Universal Door Catch works on any style door; non-marring roller prevents damage; holds doors in closed position; zinc-plated for corrosion resistance; designed to accommodate most casing and door thicknesses.

CAT. NO.	QTY/PKG
K5051	1

Minimum order: 1 pack.



CRL Commercial Door Hinges

• Available in Both Standard and Heavy Weight Styles

See pages 586W-591W

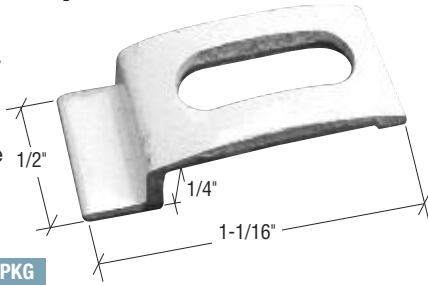


All packs of Replacement Hardware can be combined for quantity pricing.

CRL Storm Door Clip

1/4" Offset extruded aluminum Storm Door Clip.

NOTE: This clip works with Cat. No. SDS151 type screws (sold separately) found on page 243W.



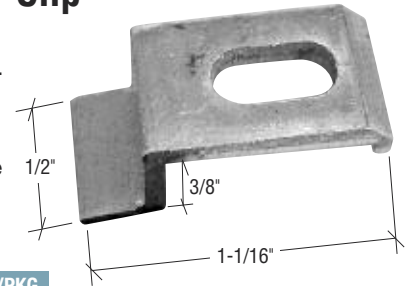
CAT. NO.	FINISH	QTY/PKG
SDC141M	Mill	100
SDC141W	White	100

Minimum order: 100 each.

CRL Storm Door Clip

3/8" Offset extruded aluminum Storm Door Clip.

NOTE: This clip works with Cat. No. SDS151 type screws (sold separately) found on page 243W.

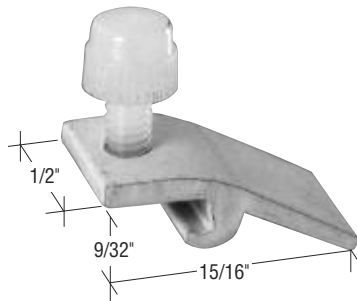


CAT. NO.	FINISH	QTY/PKG
SDC121M	Mill	100
SDC121W	White	100

Minimum order: 100 each.

CRL Storm Door Panel Clip

Extruded aluminum Panel Clip has aluminum screw; White finish Clip has nylon screw.

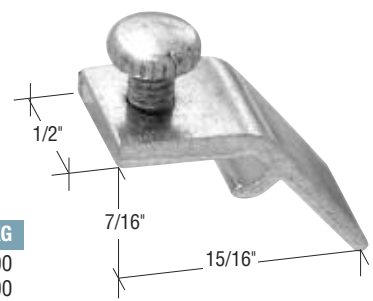


CAT. NO.	FINISH	QTY/PKG
SDC101M	Mill	100
SDC101W	White	100

Minimum order: 100 each.

CRL Storm Door Panel Clip

Extruded aluminum Panel Clip has aluminum screw; White finish Clip has nylon screw.

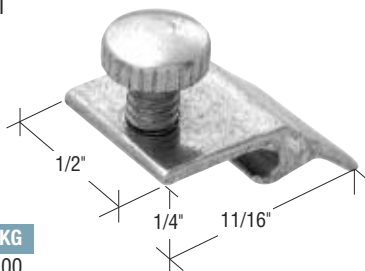


CAT. NO.	FINISH	QTY/PKG
SDC125M	Mill	100
SDC125W	White	100

Minimum order: 100 each.

CRL Storm Door Panel Clip

Extruded aluminum Panel Clip has aluminum screw; White finish Clip has nylon screw.

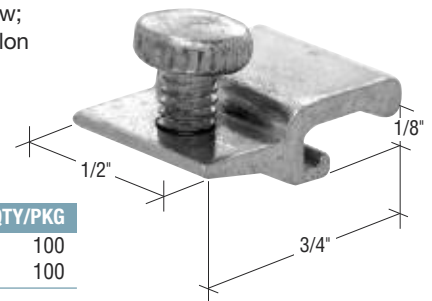


CAT. NO.	FINISH	QTY/PKG
SDC131M	Mill	100
SDC131W	White	100

Minimum order: 100 each.

CRL Storm Door Panel Clip

Extruded aluminum Panel Clip has aluminum screw; White finish Clip has nylon screw.

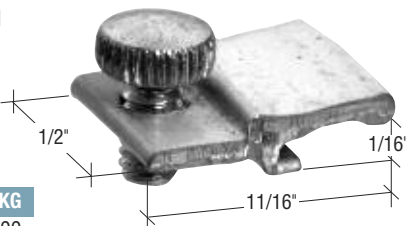


CAT. NO.	FINISH	QTY/PKG
SDC342M	Mill	100
SDC342W	White	100

Minimum order: 100 each.

CRL Storm Door Panel Clip

Extruded aluminum Panel Clip has aluminum screw; White finish Clip has nylon screw.

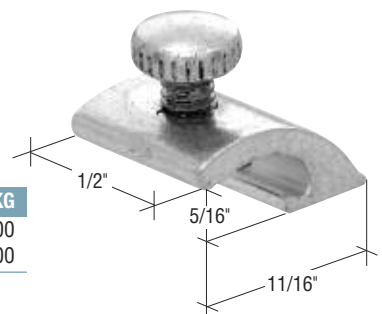


CAT. NO.	FINISH	QTY/PKG
SDC135M	Mill	100
SDC135W	White	100

Minimum order: 100 each.

CRL Storm Door Panel Clip

Extruded aluminum Panel Clip has aluminum screw; White finish Clip has nylon screw.



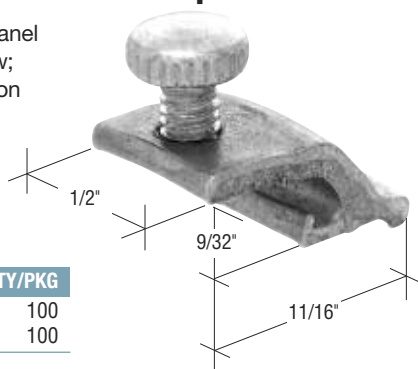
CAT. NO.	FINISH	QTY/PKG
SDC151M	Mill	100
SDC151W	White	100

Minimum order: 100 each.

All Storm Clips can be combined for quantity pricing. Must be ordered in increments of 100.

CRL Storm Door Panel Clip

Extruded aluminum Panel Clip has aluminum screw; White finish Clip has nylon screw.

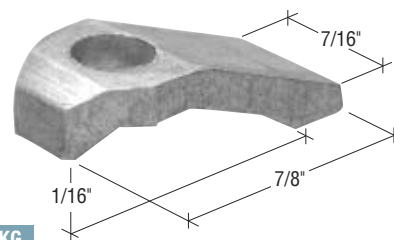


CAT. NO.	FINISH	QTY/PKG
SDC155M	Mill	100
SDC155W	White	100

Minimum order: 100 each.

CRL Storm Door Panel Clip

Mill finish extruded aluminum Panel Clips have un-threaded holes.

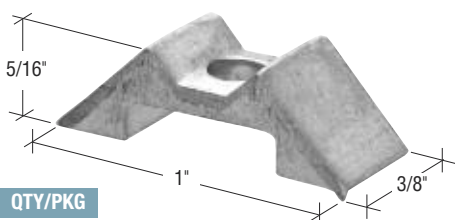


CAT. NO.	FINISH	QTY/PKG
SDC161M	Mill	100

Minimum order: 100 each.

CRL Storm Door Panel Clip

Extruded aluminum Storm Panel Clip.
NOTE: Screws are not included.

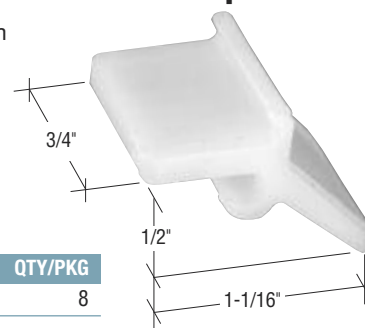


CAT. NO.	FINISH	QTY/PKG
SDC165M	Mill	100

Minimum order: 100 each.

CRL Storm Door Panel Clip

White plastic storm door Panel Clip; no screw hole.

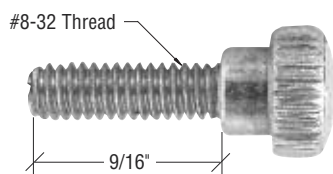


CAT. NO.	FINISH	QTY/PKG
PL7964	White	8

Minimum order: 1 pack.

CRL Panel Clip Thumb Screw

This CRL Thumb Screw has an #8-32 thread and is 9/16" long. Both mill and white finishes are made from aluminum. This type of screw is used primarily with Cat. No. SDC141 and SDC121 Panel Clips.

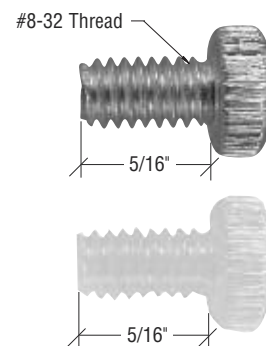


CAT. NO.	FINISH	QTY/PKG
SDS151	Mill	100
SDS152	White	100

Minimum order: 100 each.

CRL Panel Clip Thumb Screw

This CRL Thumb Screw has an #8-32 thread and is 5/16" long. Mill finish screws are made from aluminum, white finish screws are nylon.



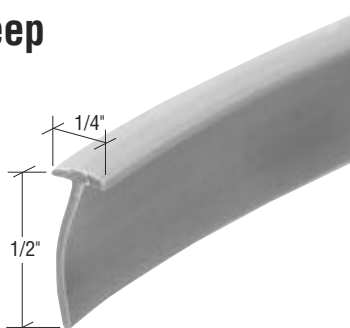
CAT. NO.	FINISH	QTY/PKG
SDS153	Mill	100
SDS154	White	100

Minimum order: 100 each.

All Storm Clips can be combined for quantity pricing. Must be ordered in increments of 100.

CRL Storm Door Sweep

Extruded gray vinyl Storm Door Sweep; 37" (940 mm) long.

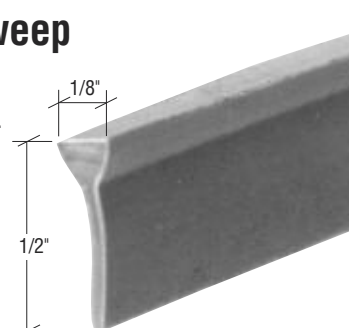


CAT. NO.	FINISH	QTY/PKG
T8680	Gray	1

Minimum order: 1 each. All packs of Replacement Hardware can be combined for quantity pricing.

CRL Storm Door Sweep

Extruded gray vinyl Storm Door Sweep; 37" (940 mm) long.



CAT. NO.	FINISH	QTY/PKG
T8681	Gray	1

Minimum order: 1 each. All packs of Replacement Hardware can be combined for quantity pricing.

US ALUMINUM 244W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

3

Patio Door and Replacement Shower Hardware

- PATIO DOOR ROLLERS
- PATIO DOOR THRESHOLDS
- PATIO DOOR HANDLES
- PATIO DOOR LOCKS
- DOOR SECURITY HARDWARE
- GATE HARDWARE
- REPLACEMENT SHOWER HARDWARE
- REPLACEMENT WARDROBE HARDWARE

See other side for Section Index.

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Rollers.....	381W-385W
Seals and Wipes.....	365W-367W, 394W
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Tools.....	378W-380W
Towel Bars.....	354W-359W, 393W
UV Hardware.....	364W
Vinyls.....	390W
Shower Enclosure Splash Guards.....	395W
Silicone Spray Lubricant.....	250W, 291W, 316W
Sill Track Cover.....	284W
Sliding Glass Door.....	
Bumpers.....	279W
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Handles.....	285W-305W
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Sliding Shower Door Guides.....	386W-390W
Sliding Shower Door Pull Handles.....	391W-392W
Sliding Shower Door Rollers.....	381W-385W
Sliding Wardrobe Door Pulls.....	412W
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Swing Bar Locks.....	327W
Swinging Glass Gate Systems.....	330W-331W
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Tandem Glass Door Rollers.....	273W-278W
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Top Hung Wardrobe Rollers.....	401W-403W
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Towel Bar Hardware.....	354W-359W, 393W
TrimQuick Vinyl Patio Door Casing.....	283W
Tulip Knob Latches.....	395W
U	
UV Glass Bonding Starter Kit.....	364W
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Vienna Hinge Replacement Plates.....	345W
Vinyl for Shower Doors.....	390W
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Wall Mount Back Plate Screws.....	349W
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Wardrobe Door.....	
Bumper.....	404W
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Hardware.....	396W-412W
Pulls.....	412W
Rollers.....	399W-403W, 406W-410W
Track.....	412W
Watertight Cover Plates.....	342W
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Window Nite-Lock Pins.....	326W

CRL Glass Patio Door Hardware

- Replacement Hardware for Wood, Aluminum, and Vinyl Frame Glass Doors
- New Products and Expanded Selection of Our Most Popular Items
- Both Common and Hard to Find Replacement Parts
- Technical Assistance for Your Glass Door Needs



C.R. Laurence continues to expand our line of replacement hardware for sliding glass patio doors. We offer you a selection of common and hard to find parts for your customer's wood, aluminum, and vinyl frame sliding glass doors. There are more models in more finishes than we've ever offered before. Best of all, you can cut your costs because we let you combine different replacement hardware items for quantity pricing. The following pages will provide the information required to select just the right glass door hardware needed to complete your jobs.

Our Door and Window Department can assist you with questions pertaining to your glass door hardware needs, and can be reached by phone at (800) 421-6144 in the U.S, (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. You can also e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Door and Window Products.



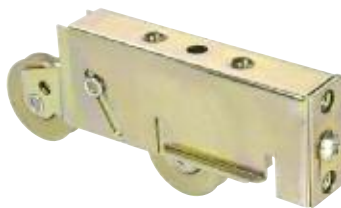
Patio Door Locks



Patio Door Security Bars



Patio Door Rollers



Patio Door Handles

CRL Glass Door Roller Selection Guide

CRL has expanded our product selection to over four hundred Glass Door Rollers, Guides, and Bumpers. Since there are so many choices we have arranged the following pages by categories to make it easier to locate the correct replacement part for your job. And in case you still don't see what you need you can contact CRL Customer Service and take advantage of our Sample Matching Service (see page 244W).

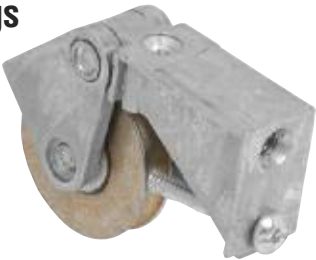
Replacement Rollers Only

Pages 248W - 251W



Single Roller, Die Cast Housings

Pages 269W - 270W



Single Roller, Stamped Steel Housing, No Mounting Tabs

Pages 251W - 257W



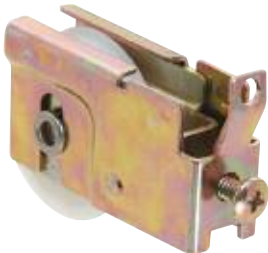
Single Roller, Extruded Aluminum Housings

Pages 271W - 273W



Single Roller, Stamped Steel Housing, With Mounting Tabs

Pages 258W - 264W



Tandem Roller Housings

Pages 273W - 278W



Specialty Roller Housings

Pages 265W - 268W



Guides and Bumpers

Pages 279W - 280W



How Much Weight Can a Roller Handle?

Basic Weight Capacity Guideline

ROLLER DIAMETER	MAXIMUM WEIGHT*
1-1/8" (28.5 mm)	100 Lbs. (45 kg)
1-1/4" (31.7 mm)	125 Lbs. (56 kg)
1-1/2" (38.1 mm)	150 Lbs. (68 kg)

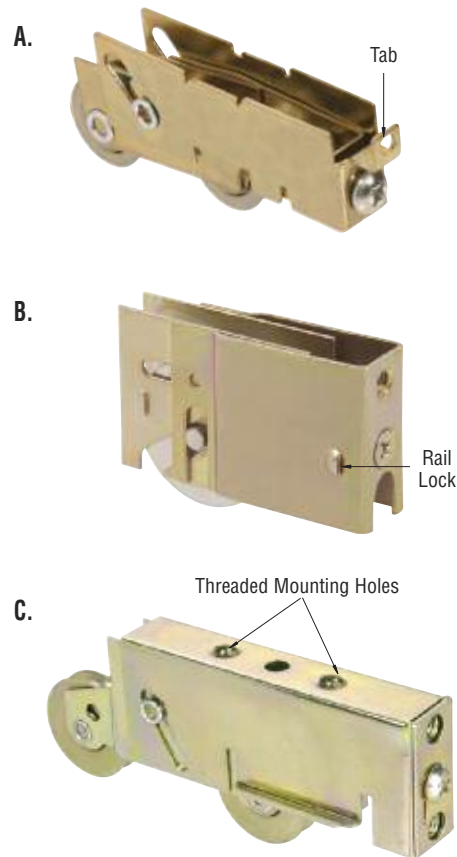
***NOTE:** The load capacity is per Roller and each door requires two Rollers. You can double this capacity by switching to a Tandem Roller, if a suitable housing design is available. Due to the many methods of mounting and door rail profiles, CRL will not recommend a specific housing. This is the responsibility of a qualified installer.

CRL Glass Door Roller Selection Guide

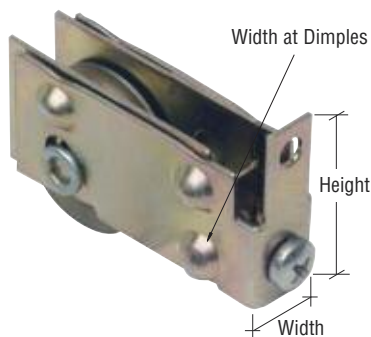
Once you are in the correct category, the following three-step guide will assist you in quickly selecting the appropriate Door Roller to complete your repair project.

1. Choose the Correct Mounting Style:

- A. **Tab Mounted** — Tab Mounted Rollers have a small metal housing extension tab, and either slide into a bottom rail slot or are fastened to door frames using screws.
- B. **Rail Lock Mounted** — The majority of East Coast and Midwest door manufacturers used stamped steel or extruded aluminum housings with a rail lock on both sides of the housings. This type of housing is slipped into the bottom rail from the open end. The bottom rail will have a small rectangular cut-out approximately 3/8" wide, and 3/8" from the end of the rail. When the housing is inserted into the rail, the rail locks engage this cut-out, to hold the housing in place.
- C. **Top Mounted** — Some stamped steel and die cast housings have a threaded mounting hole, or holes in the top of the housing. These housings will either be inserted into the rail from the end or into the rail from the hollow opening. They are held into the rail by means of a flat-headed machine screw threaded into the housing from the top inside of the bottom door rail. The only way to remove these housings is to remove the bottom rail from the glass, locate and unscrew the housing retainer screw. **NOTE:** Many times installers who are unfamiliar with this type of housing will extract only the inner adjustable housing with the roller and send it to us for identification purposes. Due to the large variety of housing sizes, the entire Roller Assembly must be removed to make an accurate identification.



2. Match Housing Width and Height



This image shows a Roller Assembly with the height and width measurement points. In many cases, roller housings will have dimples, raised slots, or bottom flanges along both sides to accommodate different sizes of bottom rails.

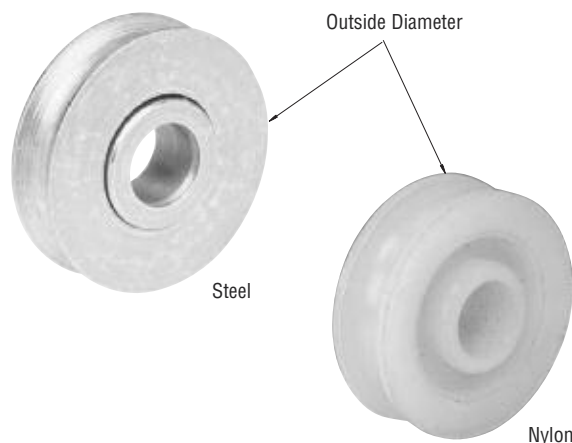
The overall width of roller housings should be gauged by measuring the housing width as well as the width including the dimples, as shown above.

Still Can't Find It?

The vast majority of Rollers can easily be matched using this simple three-step approach, but of course, we know that there are a number of Roller Assemblies that were produced in small quantities and are very scarce. Should you not be able to locate your Roller from our vast selection, we will be glad to provide our best efforts to find it for you. See page 244W for CRL's Sample Matching Service.

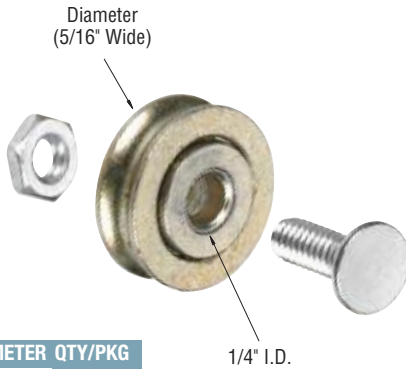
3. Match the Roller Type (Nylon or Steel) and Diameter

Each of our descriptions clearly states the Roller's material type and outside diameter.



CRL Steel Door Roller

Steel ball bearing roller; center groove; 1/4" diameter hole; includes 1/4"-20 x 3/4" carriage bolt.



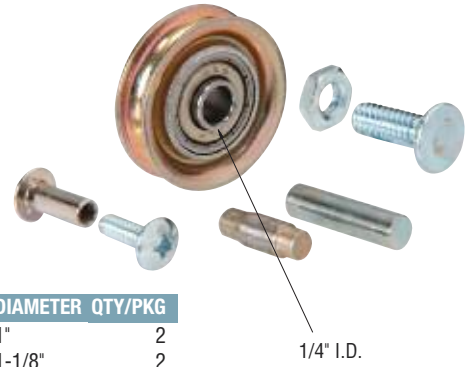
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1500	Steel B.B.	1"	2
D1501	Steel B.B.	1-1/8"	2
D1502	Steel B.B.	1-1/4"	2
D1502B	Steel B.B.	1-1/4"	30

Minimum order: 1 pack.

CRL Steel Door Roller With Axle Kit

new

Steel ball bearing roller; center groove; 1/4" diameter hole; includes carriage bolt, knurled axle, and roll pin for use as an axle.

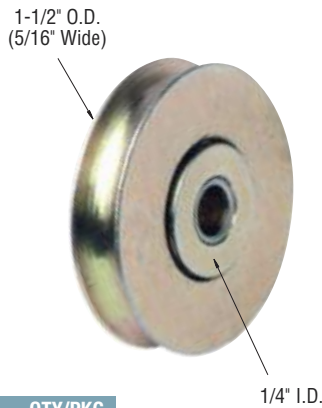


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1874	Steel B.B.	1"	2
D1795	Steel B.B.	1-1/8"	2
D1796	Steel B.B.	1-1/4"	2
D1797	Steel B.B.	1-1/2"	2

Minimum order: 1 pack.

CRL Steel Door Roller

Steel ball bearing roller; center groove; 1/4" diameter hole.

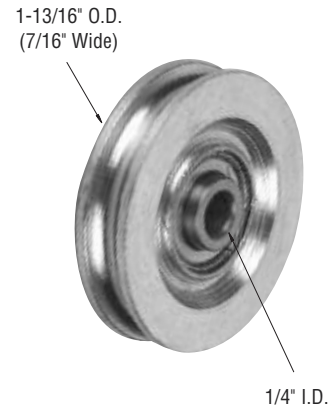


CAT. NO.	ROLLER	QTY/PKG
D1503	Steel B.B.	2
D1503B	Steel B.B.	30

Minimum order: 1 pack.

CRL Steel Door Roller

Steel ball bearing roller; center groove; center hub is 15/32" wide; 1/4" diameter hole.



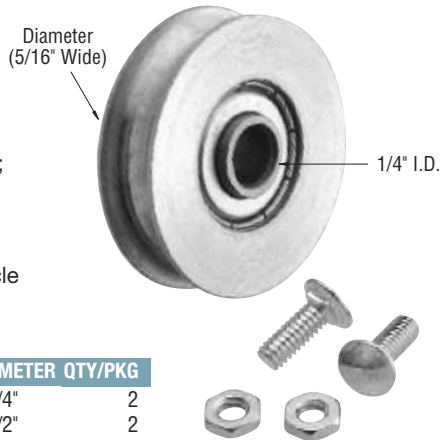
CAT. NO.	ROLLER	QTY/PKG
D1725	Steel B.B.	2

Minimum order: 1 pack.

CRL Steel Precision Ball Bearing Door Roller

new

Precision ball bearing rollers with sealed bearings; center groove; 1/4" diameter hole; hardened steel; carries more weight than conventional rollers; cycle tested to 10,000 cycles.

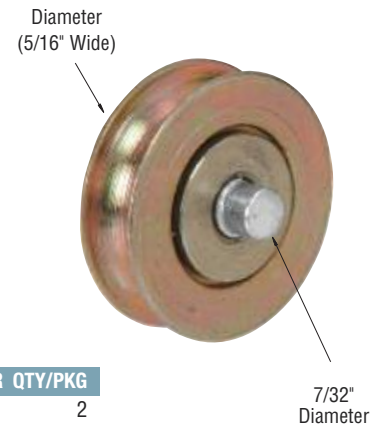


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D2032	Steel B.B.	1-1/4"	2
D2033	Steel B.B.	1-1/2"	2

Minimum order: 1 pack.

CRL Steel Door Roller

Steel ball bearing roller; center groove; includes built-in axle.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1854	Steel B.B.	1-1/8"	2
D1765	Steel B.B.	1-1/4"	2
D1766	Steel B.B.	1-1/2"	2

Minimum order: 1 pack.

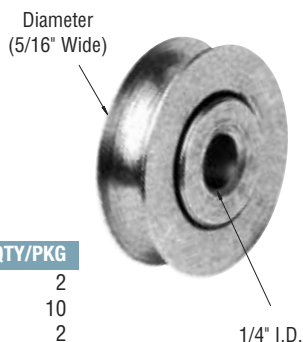
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Stainless Door Roller

Stainless steel ball bearing roller; center groove; 1/4" diameter hole.

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1692	Stainless Steel B.B.	1-1/8"	2
D1692B	Stainless Steel B.B.	1-1/8"	10
D1693	Stainless Steel B.B.	1-1/4"	2
D1694	Stainless Steel B.B.	1-1/2"	2

Minimum order: 1 pack.

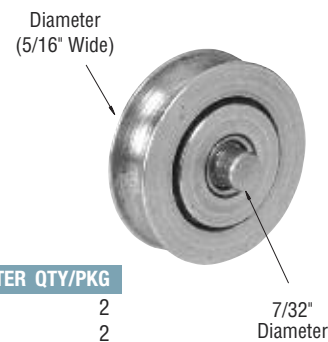


CRL Stainless Door Roller

Stainless steel ball bearing roller; center groove; includes built-in axle.

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1838	Stainless Steel B.B.	1-1/8"	2
D1839	Stainless Steel B.B.	1-1/4"	2
D1787	Stainless Steel B.B.	1-1/2"	2

Minimum order: 1 pack.



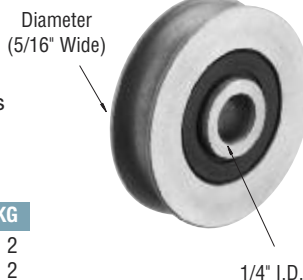
CRL Stainless Precision Ball Bearing Door Rollers

new

Stainless Steel precision ball rollers with sealed bearings; center groove; 1/4" diameter hole; stainless steel; cycle tested to 10,000 cycles.

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D2034	Steel B.B.	1-1/4"	2
D2035	Steel B.B.	1-1/2"	2

Minimum order: 1 pack.



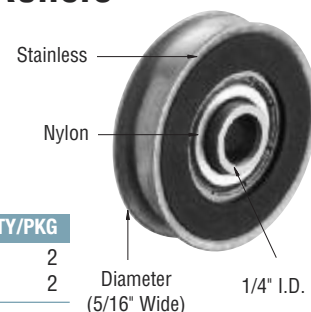
CRL Stainless Precision Ball Bearing Door Rollers

new

Nylon hub with grooved stainless steel outer tire; precision ground and hardened steel inner bearing; 1/4" diameter hole; less force to roll heavier doors.

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1502SB	Steel B.B.	1-1/4"	2
D1503SB	Steel B.B.	1-1/2"	2

Minimum order: 1 pack.

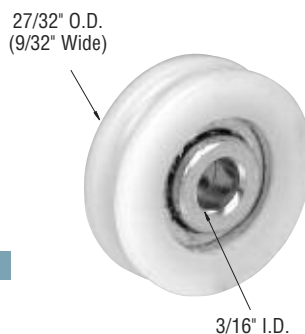


CRL Door Roller

Ball bearing roller; center groove; 3/16" diameter hole.

CAT. NO.	ROLLER	QTY/PKG
D1638	Steel B.B.	2
D1639	Nylon B.B.	2

Minimum order: 1 pack.

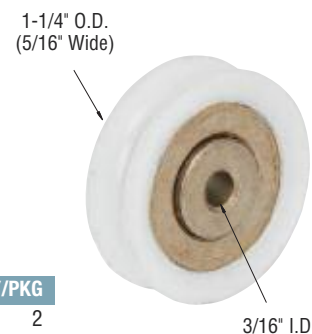


CRL Nylon Door Roller

Nylon ball bearing roller; center groove; 3/16" diameter hole.

CAT. NO.	ROLLER	QTY/PKG
D1881	Nylon B.B.	2

Minimum order: 1 pack.

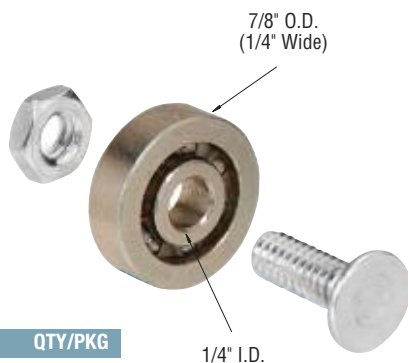


CRL Steel Door Roller

Flat steel ball bearing roller; 1/4" diameter hole; includes 1/4"-20 x 3/4" carriage bolt.

CAT. NO.	ROLLER	QTY/PKG
D1760	Steel B.B.	2

Minimum order: 1 pack.

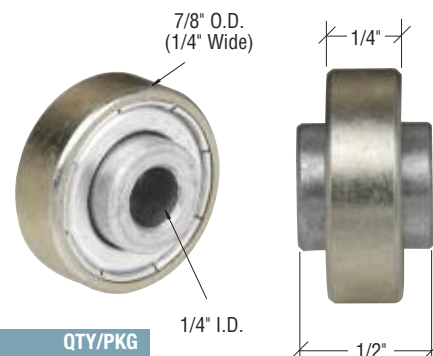


CRL Steel Door Roller

Flat steel ball bearing roller; 1/4" diameter hole.

CAT. NO.	ROLLER	QTY/PKG
D1712	Steel B.B.	2

Minimum order: 1 pack.



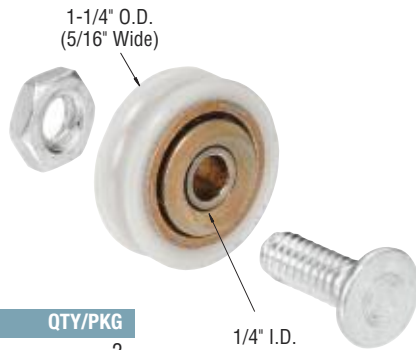
All packs of Replacement Hardware can be combined for quantity pricing.

CRL GLASS DOOR ROLLERS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Nylon Door Roller

Nylon ball bearing roller; center groove; 1/4" diameter hole; includes 1/4"-20 x 3/4" carriage bolt.



CAT. NO.	ROLLER	QTY/PKG
D1504	Nylon B.B.	2

Minimum order: 1 pack.

CRL Nylon Door Roller

Nylon ball bearing roller; center groove; 1/4" diameter hole.

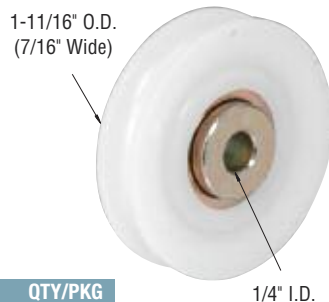


CAT. NO.	ROLLER	QTY/PKG
D1506	Nylon B.B.	2

Minimum order: 1 pack.

CRL Nylon Door Roller

Nylon ball bearing roller; center groove; 1/4" diameter hole.

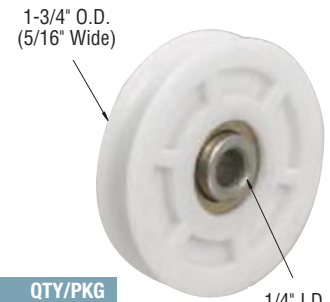


CAT. NO.	ROLLER	QTY/PKG
D1716	Nylon B.B.	2

Minimum order: 1 pack.

CRL Nylon Door Roller

Nylon ball bearing roller; center groove; 1/4" diameter hole.

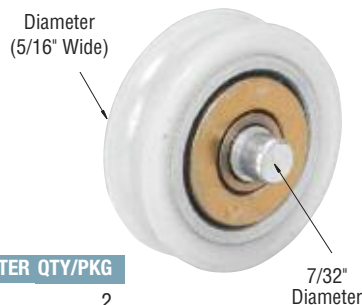


CAT. NO.	ROLLER	QTY/PKG
D1507	Nylon B.B.	2

Minimum order: 1 pack.

CRL Nylon Door Roller

Nylon ball bearing roller; center groove; includes built-in axle.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1868	Nylon B.B.	1-1/4"	2
D1869	Nylon B.B.	1-1/2"	2

Minimum order: 1 pack.

CRL Nylon Sealed Ball Bearing Roller

Nylon precision ball bearing roller; center groove; 1/4" diameter hole; ideal for many wardrobe applications as well as glass patio doors.

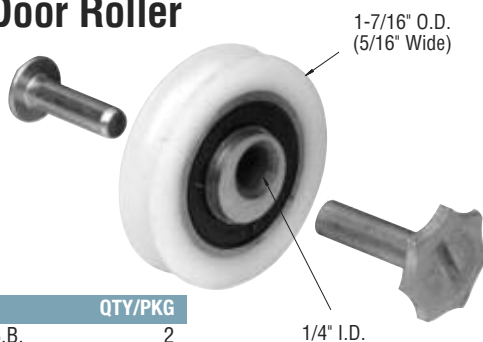


CAT. NO.	ROLLER	QTY/PKG
D1506SB	Nylon B.B.	2

Minimum order: 1 pack.

CRL Nylon Door Roller

Nylon ball bearing roller; center groove; 1/4" diameter off-center hole for vertical adjustment.



CAT. NO.	ROLLER	QTY/PKG
D1505	Nylon B.B.	2
D1505B	Nylon B.B.	10

Minimum order: 1 pack.

CRL Pro-2 Silicone Spray

- Our Best Selling Lube
- Waterproofs and Lubricates

Use our versatile CRL Silicone Spray for just about any lubricating need. An effective squeak squelcher, its non-conducting, non-gumming formula repels water. Use it to lube glass door rollers, and for many other applications.

CAT. NO.	NET WEIGHT	QTY/CASE
PRO2	10.75 Oz. (305 g)	12

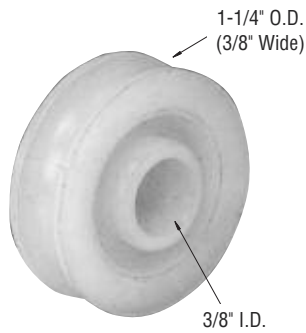
Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller

Nylon roller; center groove; 3/8" diameter hole.

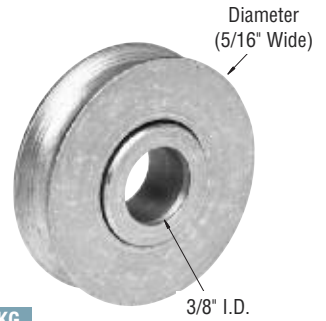


CAT. NO.	ROLLER	QTY/PKG
D1713	Nylon	2

Minimum order: 1 pack.

CRL Door Roller

Steel ball bearing roller; center groove; 3/8" diameter hole.

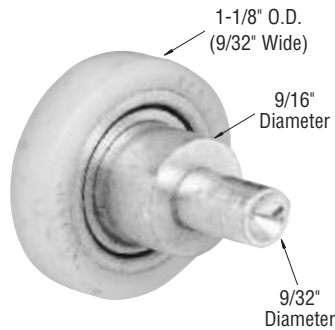


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1703	Steel B.B.	1-1/4"	2
D1704	Steel B.B.	1-1/2"	2

Minimum order: 1 pack.

CRL Door Roller

Flat nylon ball bearing roller only; for replacement onto Harrow brand die cast top roller bracket.

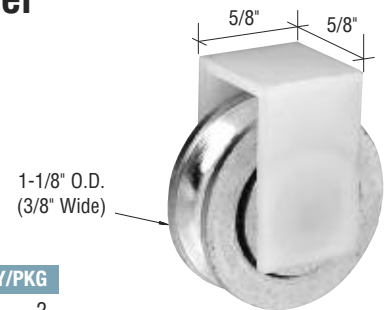


CAT. NO.	ROLLER	QTY/PKG
D1641	Nylon B.B.	2

Minimum order: 1 pack.

CRL Door Roller

Steel ball bearing roller; nylon housing; fits on Horizon patio doors.

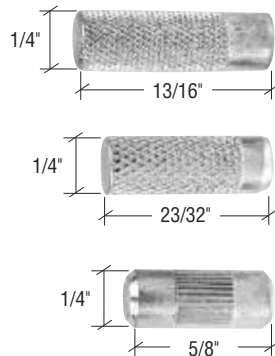


CAT. NO.	ROLLER	QTY/PKG
D1567	Steel B.B.	2

Minimum order: 1 pack.

CRL Axle Pins

Axle pins are zinc plated steel; knurled surface for tight fit; 2 each 5/8" long pins; 2 each 23/32" long pins; 2 each 13/16" long pins.



CAT. NO.	QTY/PKG
D1642	3 Pairs

Minimum order: 1 pack.

CRL Axle Repair Kit

Stepped axles; roll pins; standard 1/4" rivets; 1/4"-20 carriage bolts; 1/4"-20 hex nuts; binder posts and screws.

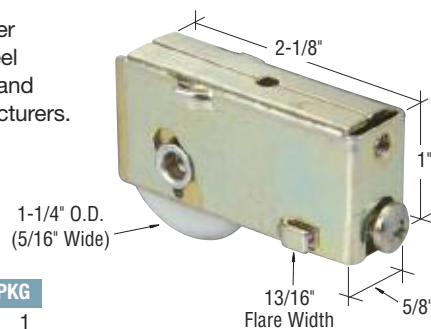


CAT. NO.	QTY/PKG
D1861	1 Set

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable steel housing; used by Regal and other patio door manufacturers.

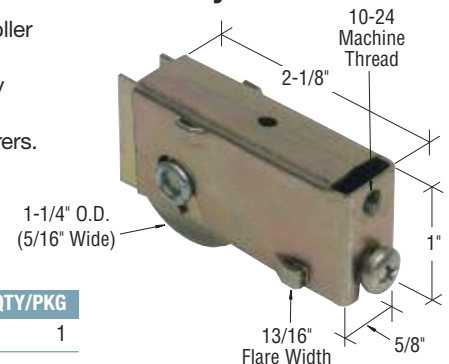


CAT. NO.	ROLLER	QTY/PKG
D1536	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Acorn Door and other patio door manufacturers.



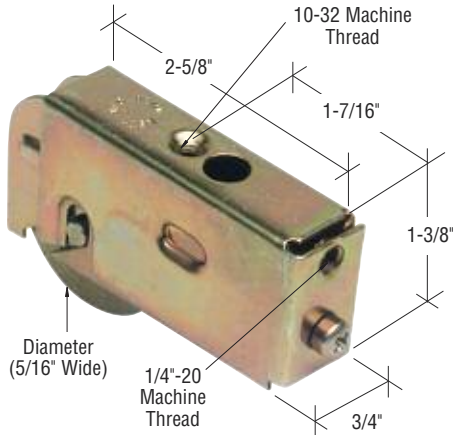
CAT. NO.	ROLLER	QTY/PKG
D1554	Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Air Control, Howmet, and Krestmark doors.

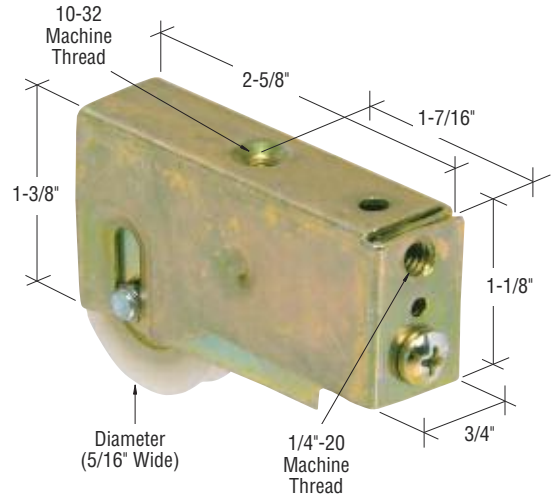


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1724	Nylon B.B.	1-1/4"	1
D1786	Nylon B.B.	1-1/2"	1
D1723	Steel B.B.	1-1/4"	1
D1723B	Steel B.B.	1-1/4"	10
D1563	Steel B.B.	1-1/2"	1
D1563B	Steel B.B.	1-1/2"	10

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by many patio door manufacturers.



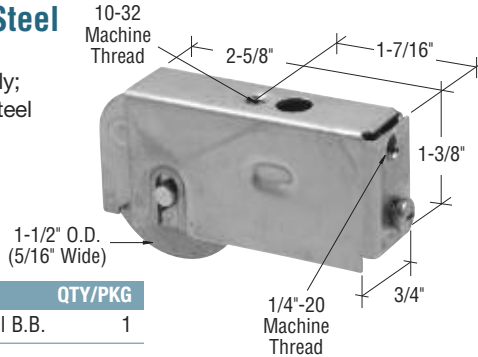
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1834	Nylon B.B.	1-1/4"	1
D1833	Nylon B.B.	1-1/2"	1
D1832	Steel B.B.	1-1/4"	1
D1831	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• All Stainless Steel

Stainless steel ball bearing roller assembly; adjustable stainless steel housing; used by Air Control, Howmet, Krestmark, and many other patio door manufacturers.



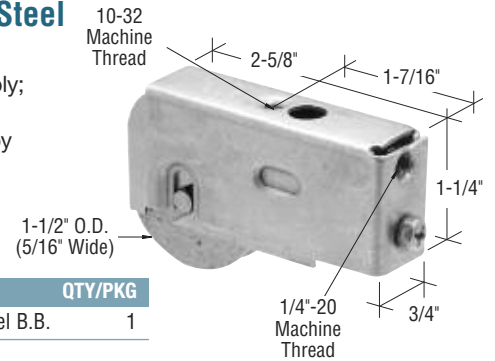
CAT. NO.	ROLLER	QTY/PKG
D1806	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• All Stainless Steel

Stainless steel ball bearing roller assembly; adjustable stainless steel housing; used by Daryl, Patio Magic, and other patio door manufacturers.

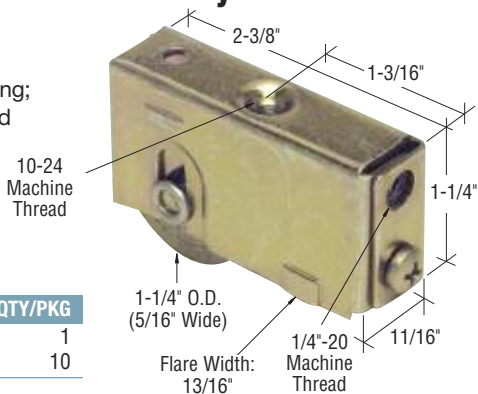


CAT. NO.	ROLLER	QTY/PKG
D1903	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Blomberg and other patio door manufacturers.

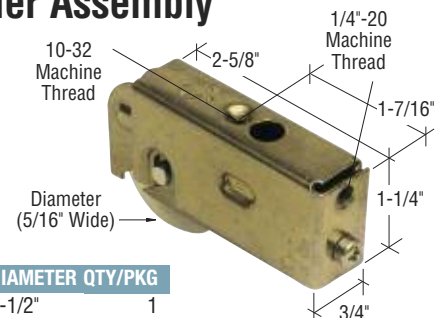


CAT. NO.	ROLLER	QTY/PKG
D1541	Steel B.B.	1
D1541B	Steel B.B.	10

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Daryl, Patio Magic, and other patio door manufacturers.



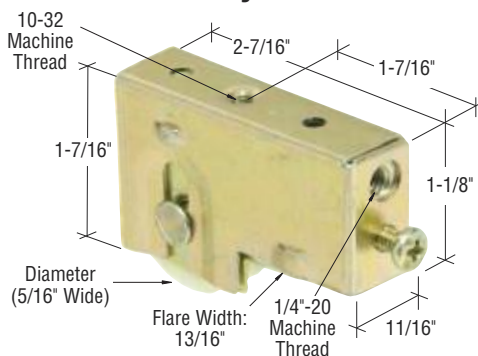
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1597	Nylon B.B.	1-1/2"	1
D1896	Steel B.B.	1-1/4"	1
D1594	Steel B.B.	1-1/2"	1
D1594B	Steel B.B.	1-1/2"	10

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Fleetwood and other patio door manufacturers.



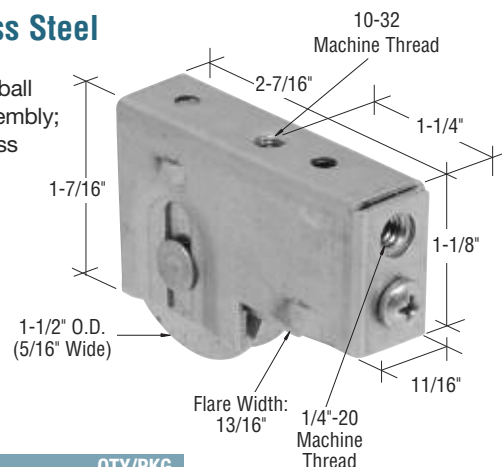
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1849	Nylon B.B.	1-1/4"	1
D1973	Nylon B.B.	1-1/2"	1
D1748	Steel B.B.	1-1/8"	1
D1747	Steel B.B.	1-1/4"	1
D1537	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• All Stainless Steel

Stainless steel ball bearing roller assembly; adjustable stainless steel housing.

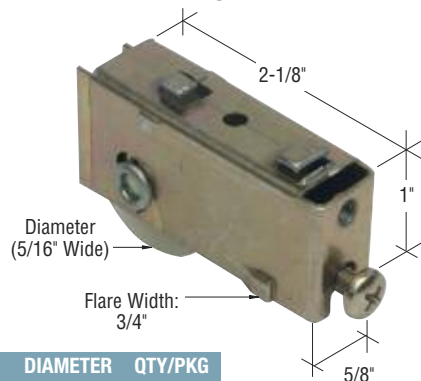


CAT. NO.	ROLLER	QTY/PKG
D1948	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Smith Carry and other patio door manufacturers.

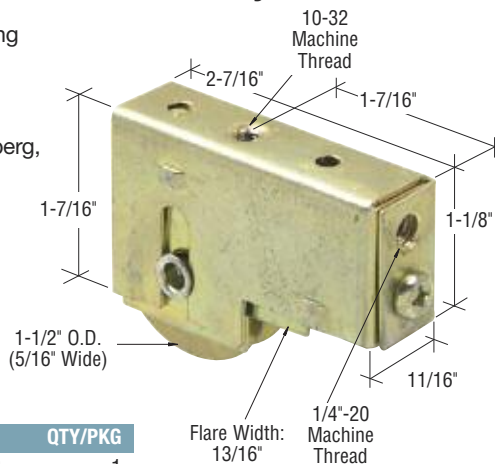


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1535	Nylon B.B.	1-1/4"	1
D1535B	Nylon B.B.	1-1/4"	10
D1848	Steel B.B.	1-1/8"	1
D1785	Steel B.B.	1-1/4"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Fleetwood, Blomberg, and other manufacturers.

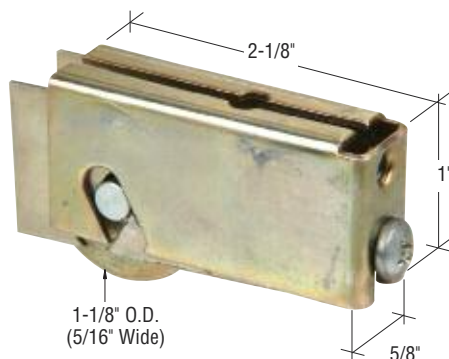


CAT. NO.	ROLLER	QTY/PKG
D1538	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Capitol doors.

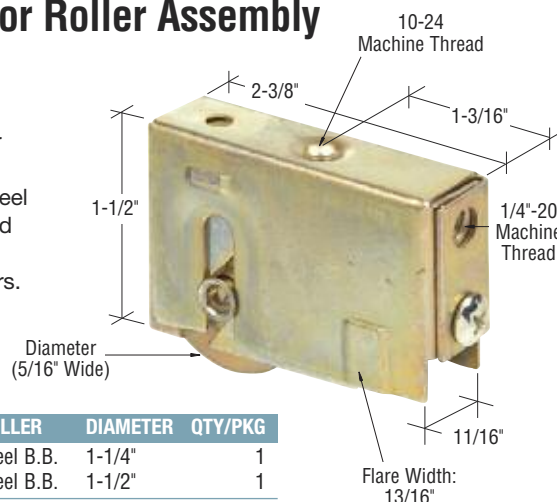


CAT. NO.	ROLLER	QTY/PKG
D1596	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several manufacturers.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1542	Steel B.B.	1-1/4"	1
D1750	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

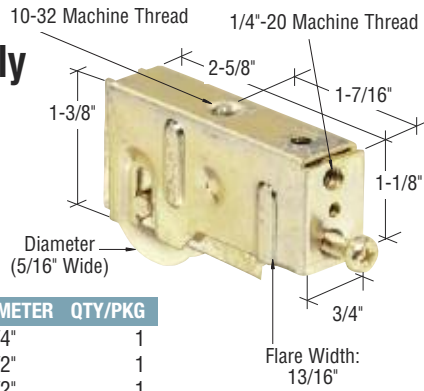
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CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Keller and other patio door manufacturers.

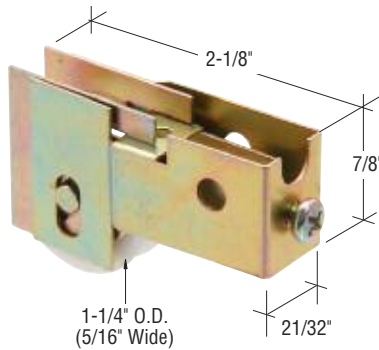


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1907	Nylon B.B.	1-1/4"	1
D1957	Nylon B.B.	1-1/2"	1
D1860	Steel B.B.	1-1/2"	1

Minimum order: 1 pack. *Minimum Collapsed Height.

CRL Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing; fits on "Patio Enclosures" brand doors.

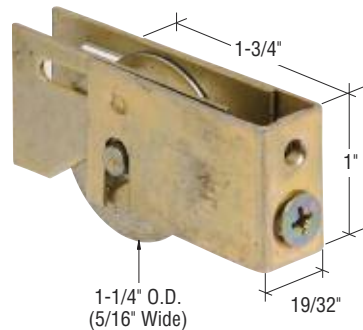


CAT. NO.	ROLLER	QTY/PKG
D1771	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

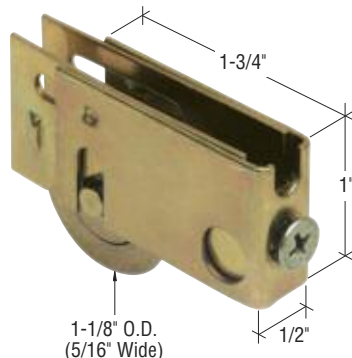


CAT. NO.	ROLLER	QTY/PKG
D1883	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Better-Bilt and other manufacturers.

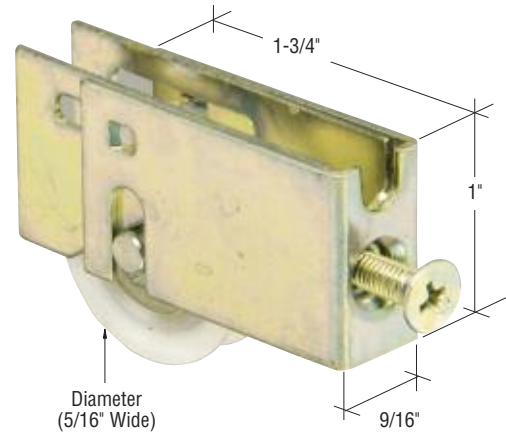


CAT. NO.	ROLLER	QTY/PKG
D1758	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Better-Bilt doors and other patio door manufacturers.

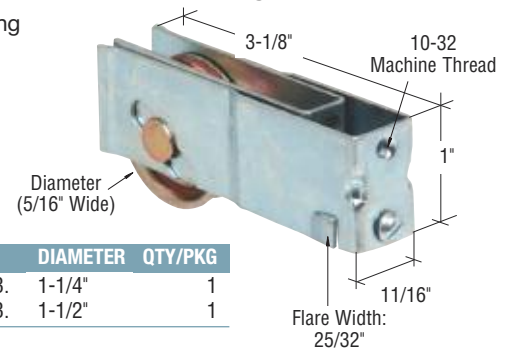


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1871	Nylon B.B.	1-1/4"	1
D1873	Nylon B.B.	1-1/2"	1
D1965	Steel B.B.	1-1/8"	1
D1768	Steel B.B.	1-1/4"	1
D1872	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Daryl and other patio door manufacturers.



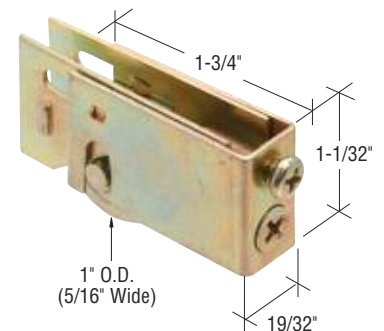
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1850	Steel B.B.	1-1/4"	1
D1952	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Flat Roller

Flat steel ball bearing roller; adjustable steel housing assembly; fits on Capitol patio doors.



CAT. NO.	ROLLER	QTY/PKG
D1757	Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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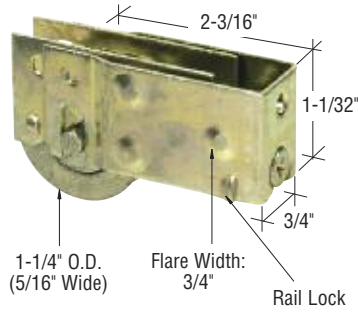
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CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

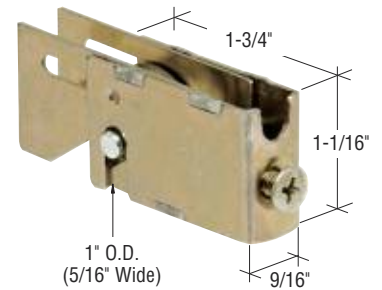


CAT. NO.	ROLLER	QTY/PKG
D1707	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

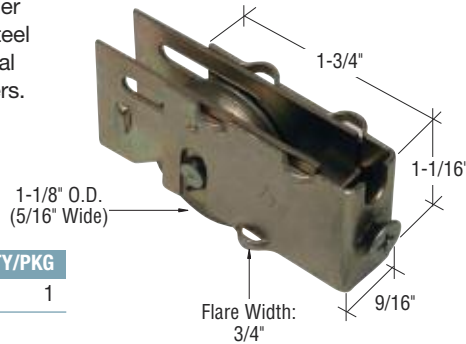


CAT. NO.	ROLLER	QTY/PKG
D1829	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

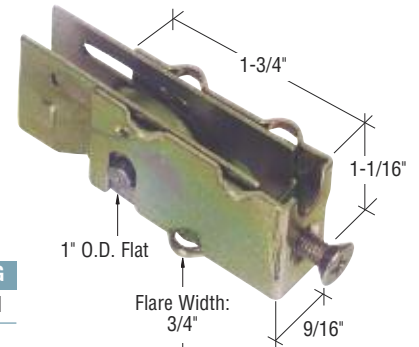


CAT. NO.	ROLLER	QTY/PKG
D1755	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Flat steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

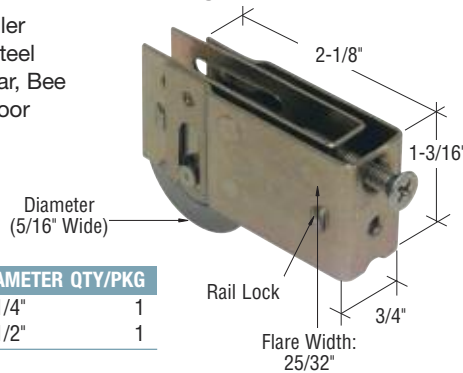


CAT. NO.	ROLLER	QTY/PKG
D1818	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Harcar, Bee Cee, and other patio door manufacturers.

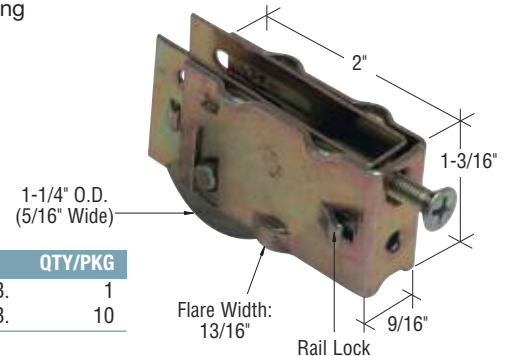


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1708	Steel B.B.	1-1/4"	1
D1835	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Nu-Air, Binnings, and Scotty patio doors.

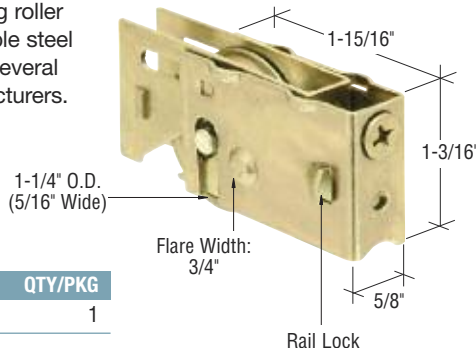


CAT. NO.	ROLLER	QTY/PKG
D1688	Steel B.B.	1
D1688B	Steel B.B.	10

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

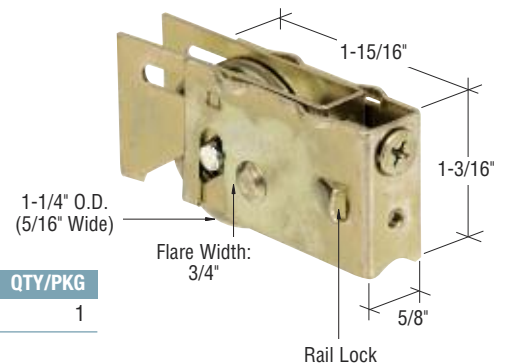


CAT. NO.	ROLLER	QTY/PKG
D1820	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.



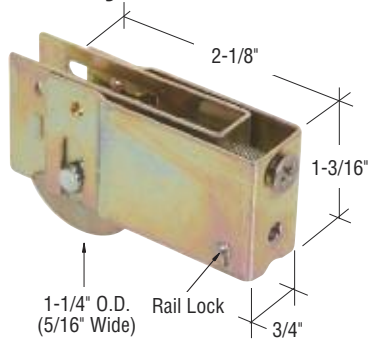
CAT. NO.	ROLLER	QTY/PKG
D1821	Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Nu-Air and other patio door manufacturers.

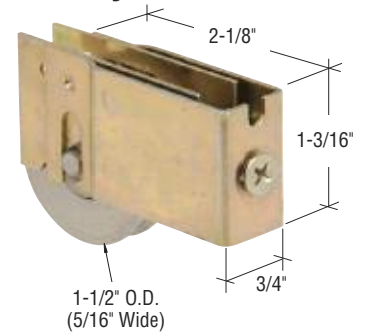


CAT. NO.	ROLLER	QTY/PKG
D1762	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Lausell Aluminum and by other patio door manufacturers.

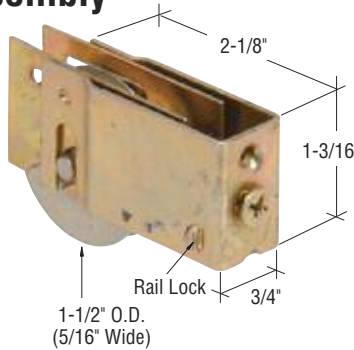


CAT. NO.	ROLLER	QTY/PKG
D1781	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

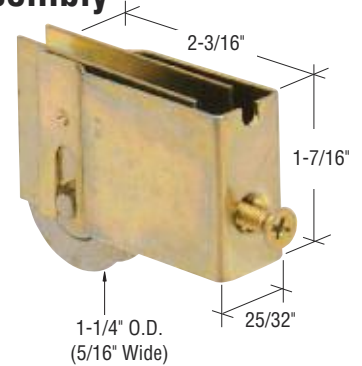


CAT. NO.	ROLLER	QTY/PKG
D1826	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Crown Manufacturing and Penco doors.

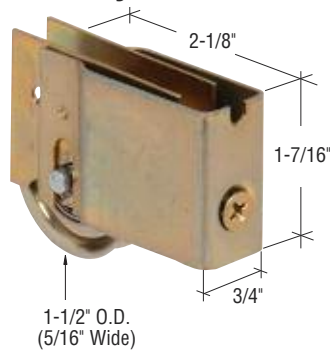


CAT. NO.	ROLLER	QTY/PKG
D1782	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

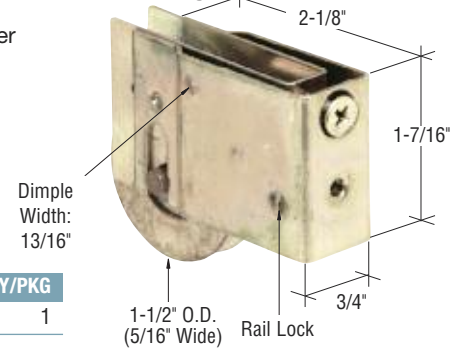


CAT. NO.	ROLLER	QTY/PKG
D1824	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

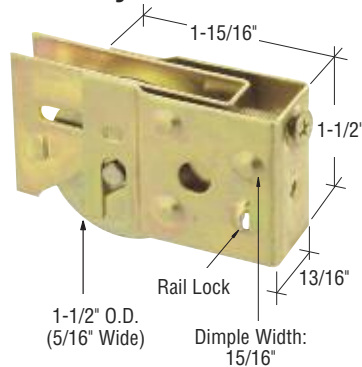


CAT. NO.	ROLLER	QTY/PKG
D1828	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Pan Am and other patio door manufacturers.

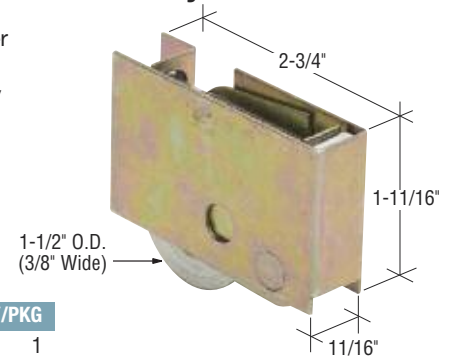


CAT. NO.	ROLLER	QTY/PKG
D1763	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; used on patio doors by Pella Company from 1960 to present.



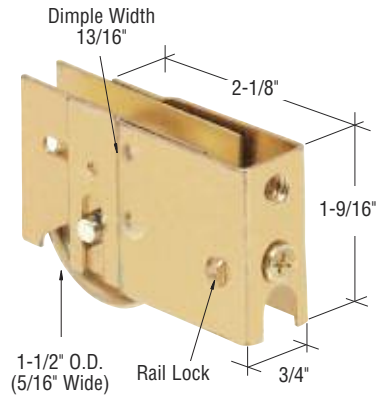
CAT. NO.	ROLLER	QTY/PKG
D1998	Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

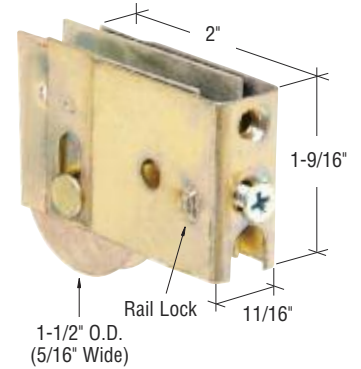


CAT. NO.	ROLLER	QTY/PKG
D1822	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

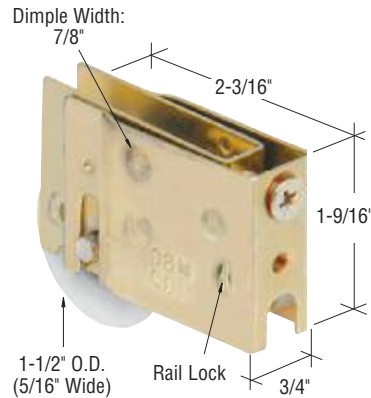


CAT. NO.	ROLLER	QTY/PKG
D1830	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Harcar and other patio door manufacturers.

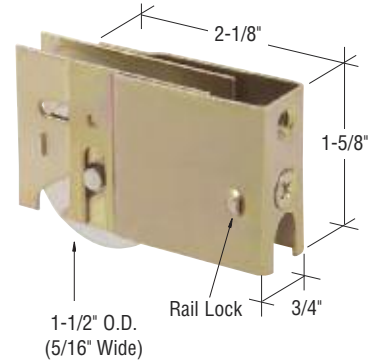


CAT. NO.	ROLLER	QTY/PKG
D1930	Nylon B.B.	1
D1600	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

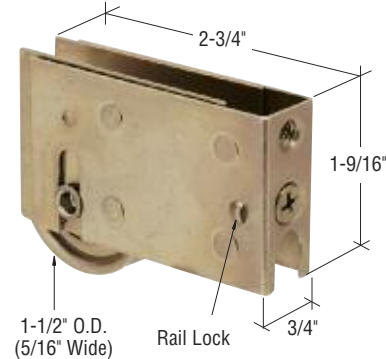


CAT. NO.	ROLLER	QTY/PKG
D1751	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Keller Windows and other patio door manufacturers.

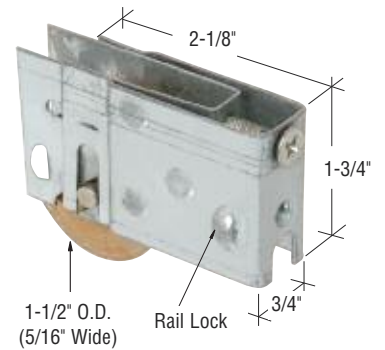


CAT. NO.	ROLLER	QTY/PKG
D1759	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

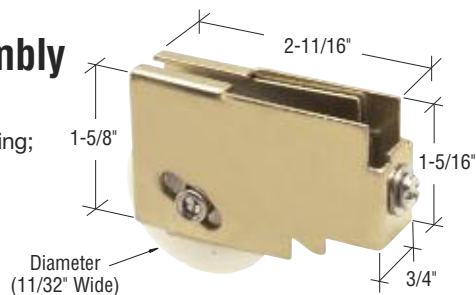


CAT. NO.	ROLLER	QTY/PKG
D1949	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; steel housing; used by Arcadia and other patio door manufacturers.

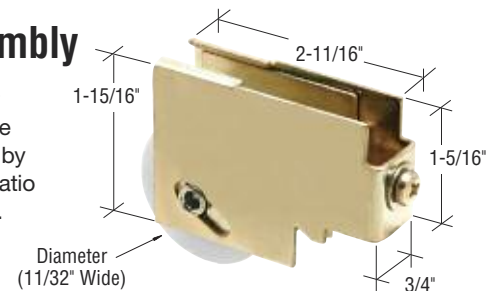


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1557	Nylon B.B.	1-11/16"	1
D1726	Steel B.B.	1-13/16"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Arcadia and other patio door manufacturers.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1731	Nylon B.B.	1-11/16"	1
D1793	Steel B.B.	1-13/16"	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL GLASS DOOR ROLLERS

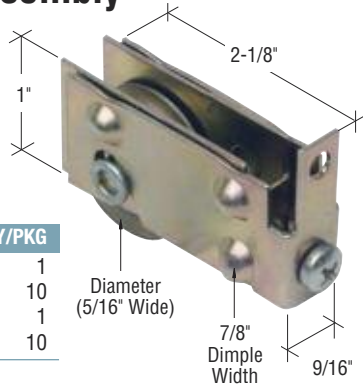
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CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Viking and other patio door manufacturers.

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1540	Steel B.B.	1-1/8"	1
D1540B	Steel B.B.	1-1/8"	10
D1729	Steel B.B.	1-1/4"	1
D1729B	Steel B.B.	1-1/4"	10

Minimum order: 1 pack.

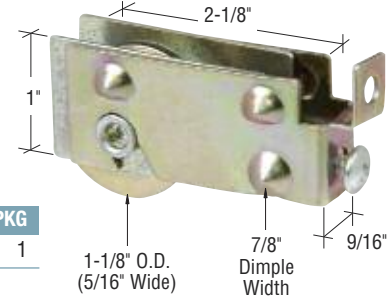


CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

CAT. NO.	ROLLER	QTY/PKG
D1699	Steel B.B.	1

Minimum order: 1 pack.

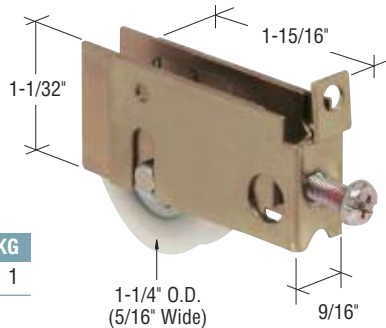


CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

CAT. NO.	ROLLER	QTY/PKG
D1898	Nylon B.B.	1

Minimum order: 1 pack.

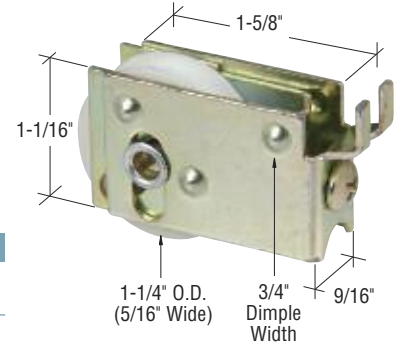


CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Ador/HiLite doors.

CAT. NO.	ROLLER	QTY/PKG
D1690	Nylon B.B.	1
D1691	Steel B.B.	1

Minimum order: 1 pack.

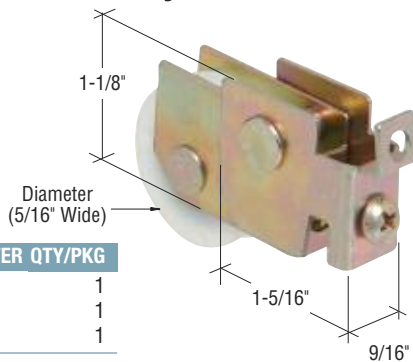


CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by several patio and mirror door manufacturers.

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1936	Nylon B.B.	1-1/4"	1
D1686	Steel B.B.	1-1/4"	1
D1740	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

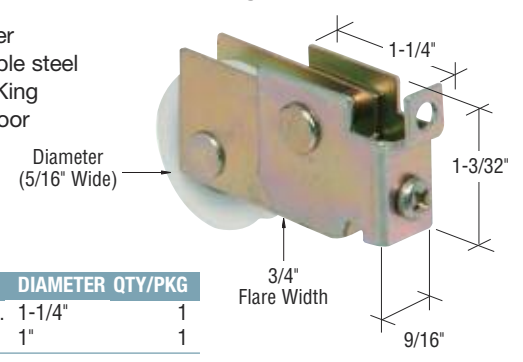


CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by King Mirror and other door manufacturers.

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1815	Nylon B.B.	1-1/4"	1
D1753	Steel B.B.	1"	1

Minimum order: 1 pack.

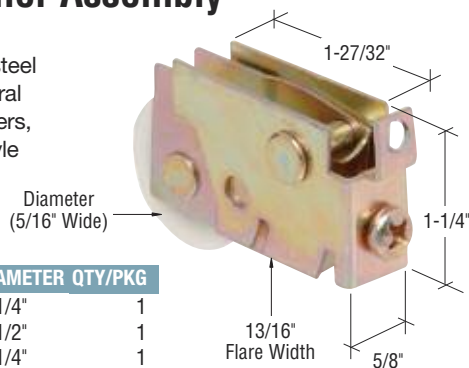


CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers, and will replace old style Cupples door roller.

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1978	Nylon B.B.	1-1/4"	1
D1870	Nylon B.B.	1-1/2"	1
D1519	Steel B.B.	1-1/4"	1

Minimum order: 1 pack.



CRL Glass Door Pulls

• Stylish and Functional Glass Door Accessory

See page 290W for our selection of attractive Pulls for all sliding glass doors.



All packs of Replacement Hardware can be combined for quantity pricing.



C.R. LAURENCE COMPANY

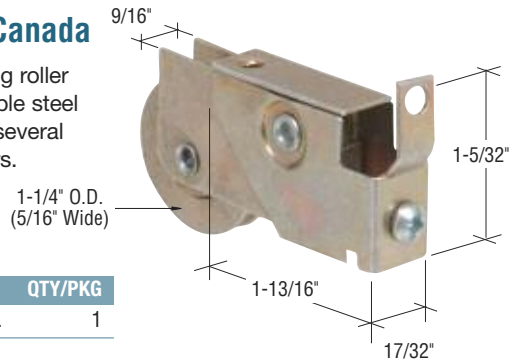
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258W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Door Roller Assembly

• Popular in Canada

Steel ball bearing roller assembly; adjustable steel housing; used by several door manufacturers.

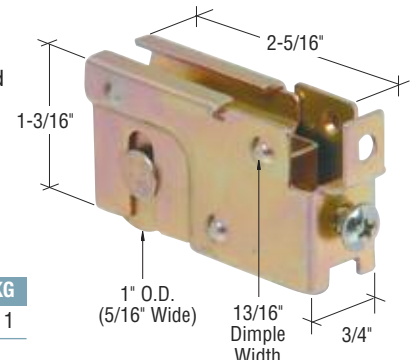


CAT. NO.	ROLLER	QTY/PKG
D1906	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Guaranteed Products doors.

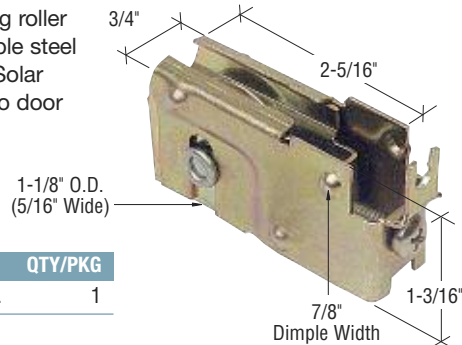


CAT. NO.	ROLLER	QTY/PKG
D1840	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Solar Ind. and other patio door manufacturers.

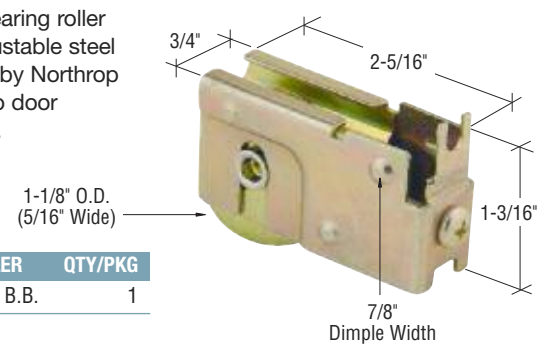


CAT. NO.	ROLLER	QTY/PKG
D1527	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Northrop and other patio door manufacturers.

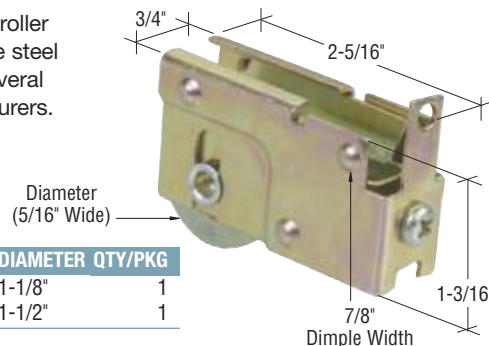


CAT. NO.	ROLLER	QTY/PKG
D1529	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

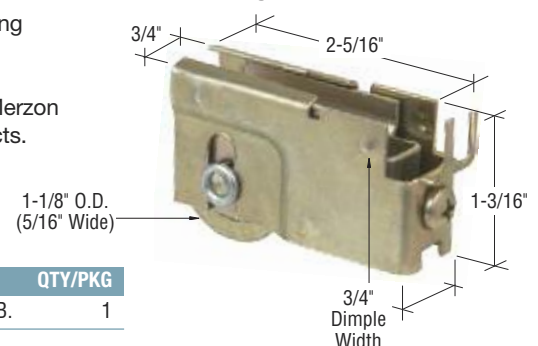


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1528	Steel B.B.	1-1/8"	1
D1925	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Merzon Aluminum Products.

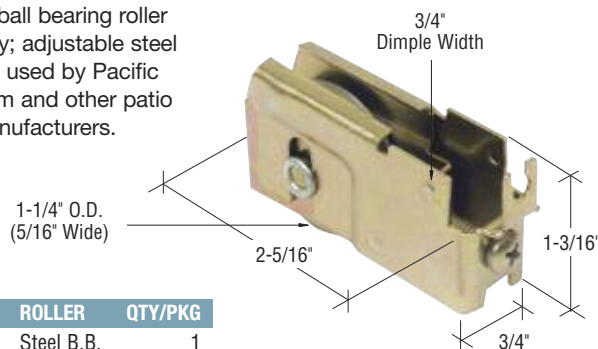


CAT. NO.	ROLLER	QTY/PKG
D1779	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Pacific Aluminum and other patio door manufacturers.

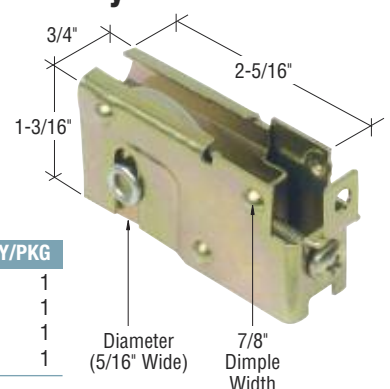


CAT. NO.	ROLLER	QTY/PKG
D1526	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Lupton and other patio door manufacturers.



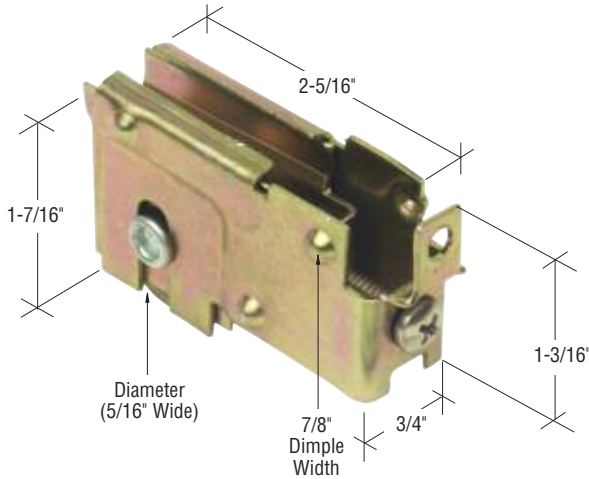
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1539	Nylon B.B.	1-1/4"	1
D1974	Nylon B.B.	1-1/2"	1
D1918	Steel B.B.	1-1/4"	1
D1975	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Northrop and other patio door manufacturers.

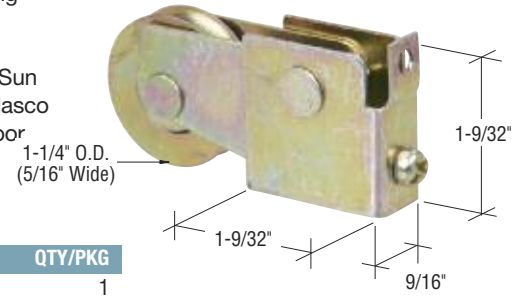


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1733	Nylon B.B.	1-1/4"	1
D1929	Nylon B.B.	1-1/2"	1
D1584	Steel B.B.	1-1/4"	1
D1584B	Steel B.B.	1-1/4"	10
D1902	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Sun Valley, Fullview, Glasco and other patio door manufacturers.

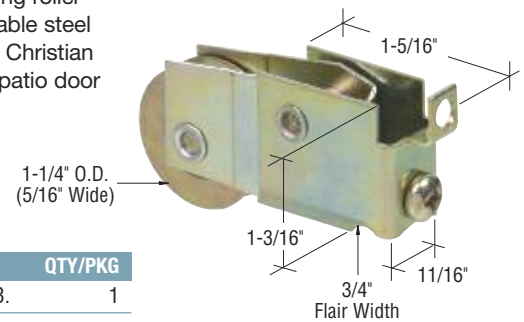


CAT. NO.	ROLLER	QTY/PKG
D1509	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Christian Porter and other patio door manufacturers.

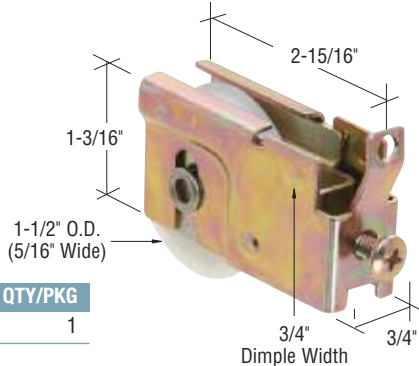


CAT. NO.	ROLLER	QTY/PKG
D1514	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable steel housing; used by several door manufacturers.



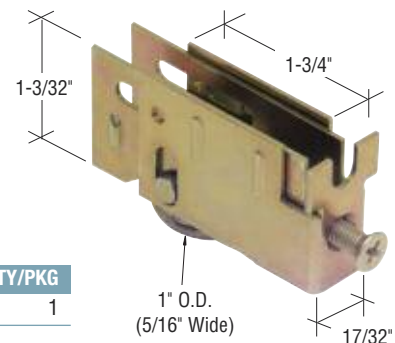
CAT. NO.	ROLLER	QTY/PKG
D1737	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Flat Roller

Flat steel ball bearing roller assembly; adjustable steel housing; fits on Capitol doors.

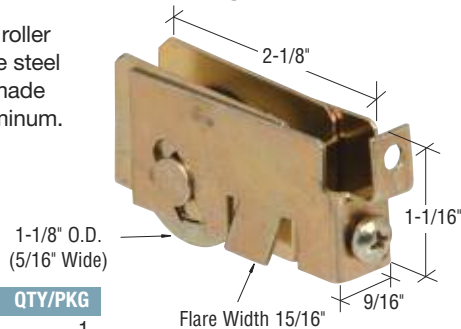


CAT. NO.	ROLLER	QTY/PKG
D1774	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits doors made by International Aluminum.

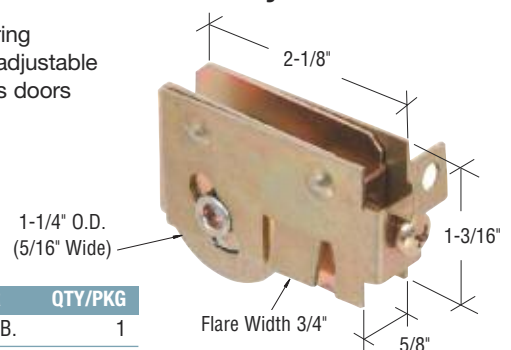


CAT. NO.	ROLLER	QTY/PKG
D1942	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits doors made by Rylock.



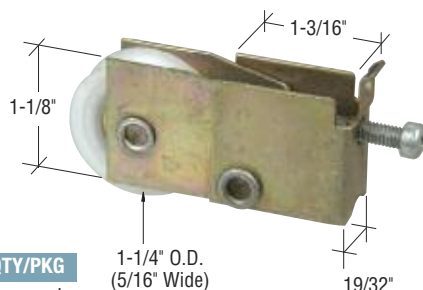
CAT. NO.	ROLLER	QTY/PKG
D1856	Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing; used by several patio door manufacturers.

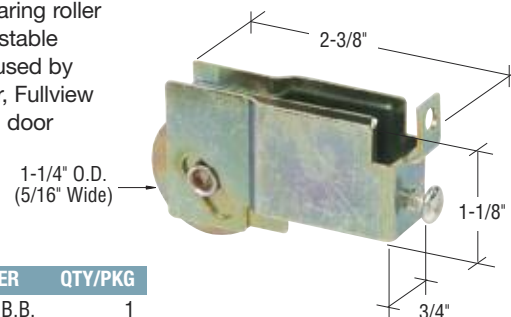


CAT. NO.	ROLLER	QTY/PKG
D1508	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Christian Porter, Fullview and other patio door manufacturers.

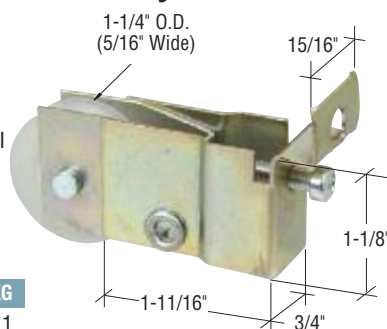


CAT. NO.	ROLLER	QTY/PKG
D1515	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable steel housing; used by Ador/HiLite and other patio door manufacturers; original roller housing was made entirely out of nylon.

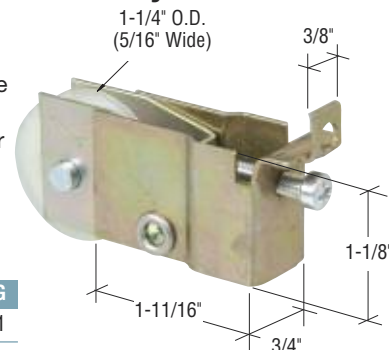


CAT. NO.	ROLLER	QTY/PKG
D1520	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable steel housing; used by Ador/HiLite and other patio door manufacturers. Original roller housing was made entirely out of nylon.

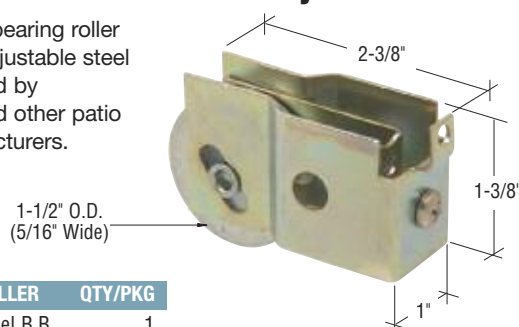


CAT. NO.	ROLLER	QTY/PKG
D1521	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Schooner and other patio door manufacturers.

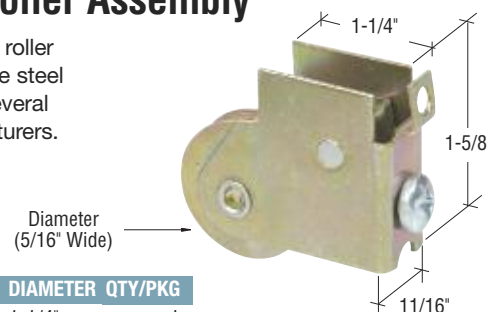


CAT. NO.	ROLLER	QTY/PKG
D1530	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

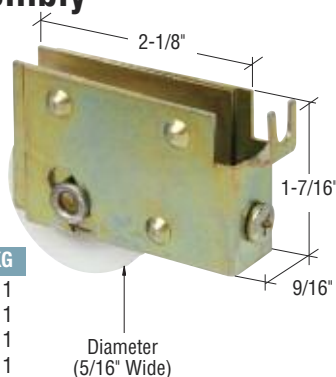


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1578	Steel B.B.	1-1/4"	1
D1790	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly with adjustable steel housing. Used by Window Master and other patio door manufacturers. Original tab design was similar to Cat. No. D1524 on page 263W; die was modified in early 1980.

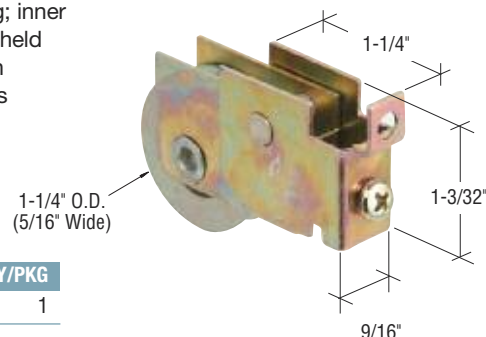


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1817	Nylon B.B.	1-1/4"	1
D1589	Nylon B.B.	1-1/2"	1
D1756	Steel B.B.	1-1/4"	1
D1588	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; inner and outer housings are held together with a flush pin (not a rivet); housing has smooth sides, no flares.



CAT. NO.	ROLLER	QTY/PKG
D1773	Steel B.B.	1

Minimum order: 1 pack.

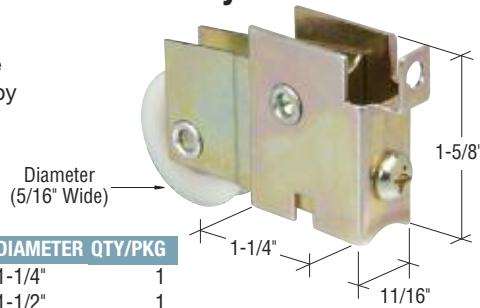
All packs of Replacement Hardware can be combined for quantity pricing.

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CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Starlite, Doormaster, and other patio door manufacturers.

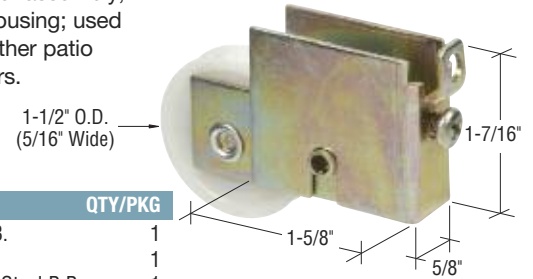


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1510	Nylon B.B.	1-1/4"	1
D1511	Nylon B.B.	1-1/2"	1
D1772	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Marshall and other patio door manufacturers.

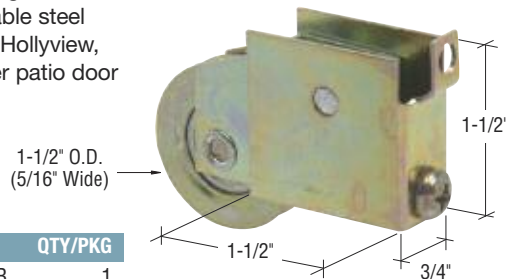


CAT. NO.	ROLLER	QTY/PKG
D1558	Nylon B.B.	1
D1976	Steel B.B.	1
D1931	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Hollyview, Fullview, and other patio door manufacturers.

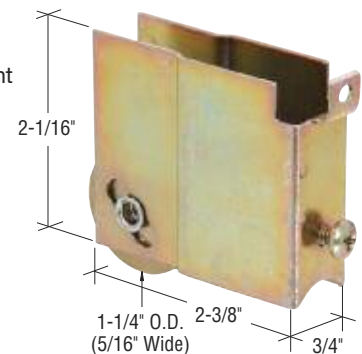


CAT. NO.	ROLLER	QTY/PKG
D1531	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Mid-Continent and other patio door manufacturers.



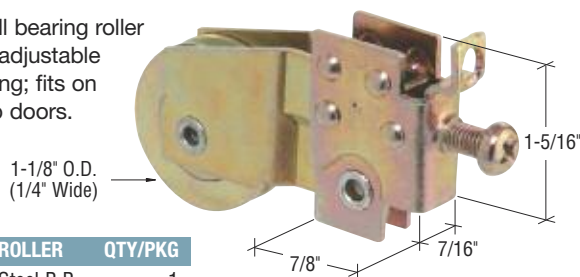
CAT. NO.	ROLLER	QTY/PKG
D1517	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Popular in Canada

Steel ball bearing roller assembly; adjustable steel housing; fits on Alcan patio doors.

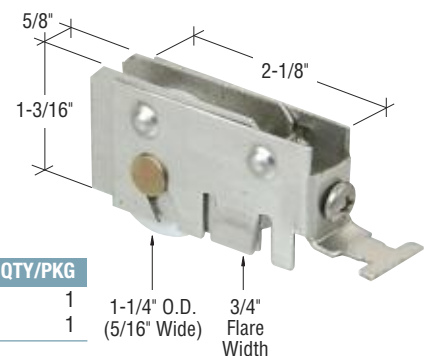


CAT. NO.	ROLLER	QTY/PKG
AG4100	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable aluminum housing; fits on International doors.



CAT. NO.	ROLLER	QTY/PKG
D1777	Nylon B.B.	1
D1778	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Glass Door Handles

- Unmatched Variety
- Locking Options
- All Popular Finishes

Even the best glass doors need occasional maintenance, and CRL is your source for the parts to keep them operating smoothly and securely. We have Replacement Glass Door Handles in a variety of locking options and popular finishes. They're organized by type (flush mounted, internal lock, hook style, clamp style, mortise style) to make it easy to find just the right handle for your customer's needs. See pages 287W to 305W.



All packs of Replacement Hardware can be combined for quantity pricing.



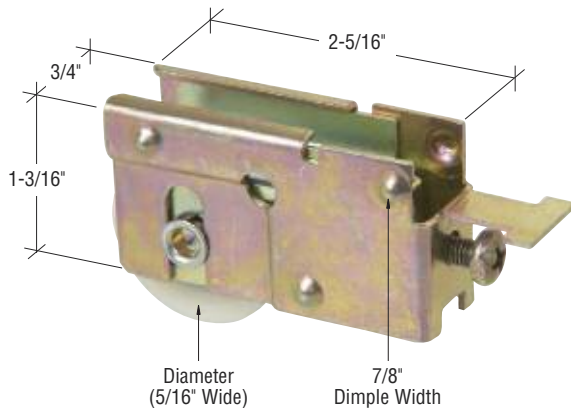
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CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Marshall Aluminum doors and other patio door manufacturers.

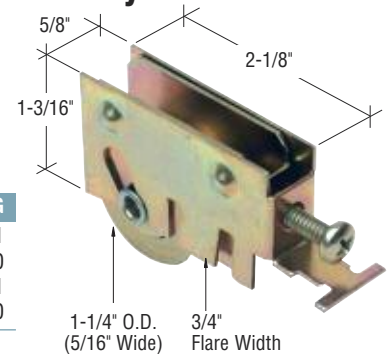


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1728	Nylon B.B.	1-1/4"	1
D1789	Nylon B.B.	1-1/2"	1
D1837	Steel B.B.	1"	1
D1523	Steel B.B.	1-1/8"	1
D1523B	Steel B.B.	1-1/8"	10
D1923	Steel B.B.	1-1/4"	1
D1525	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on International doors.



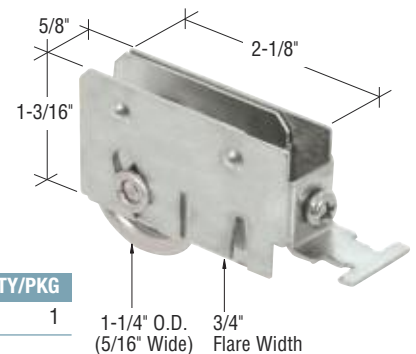
CAT. NO.	ROLLER	QTY/PKG
D1720	Nylon B.B.	1
D1720B	Nylon B.B.	10
D1518	Steel B.B.	1
D1518B	Steel B.B.	10

Minimum order: 1 pack.

CRL Door Roller Assembly

• Stainless Steel

Stainless steel ball bearing roller assembly; adjustable stainless steel housing; ideal for use in corrosive conditions; fits on International doors.

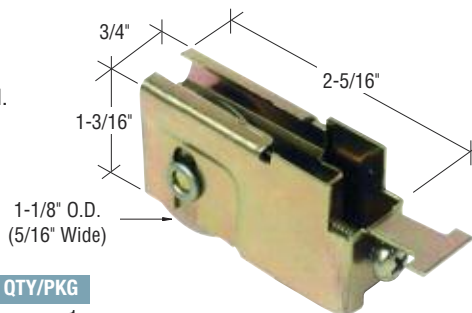


CAT. NO.	ROLLER	QTY/PKG
D1518SS	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by T.M. Cobb and other patio door manufacturers.

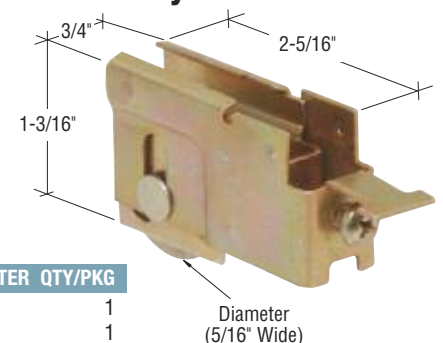


CAT. NO.	ROLLER	QTY/PKG
D1524	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

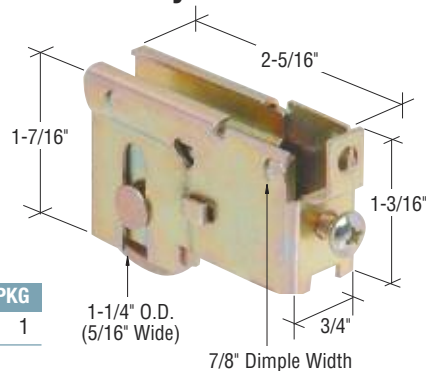


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1788	Steel B.B.	1-1/8"	1
D1878	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Northrop Series 600 doors.

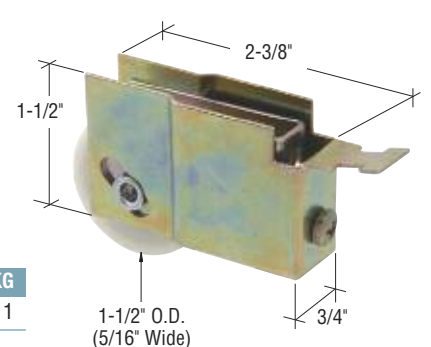


CAT. NO.	ROLLER	QTY/PKG
D1811	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable steel housing; used by Doormaster and other patio door manufacturers.



CAT. NO.	ROLLER	QTY/PKG
D1516	Nylon B.B.	1

Minimum order: 1 pack.

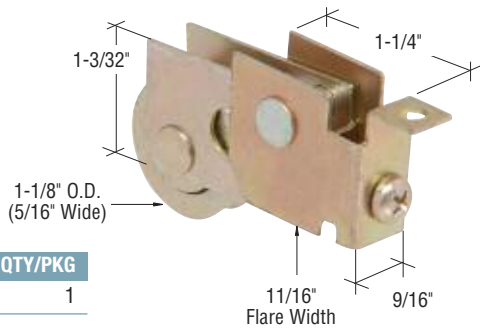
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CRL GLASS DOOR ROLLERS

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CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by many mirror and wardrobe door manufacturers.

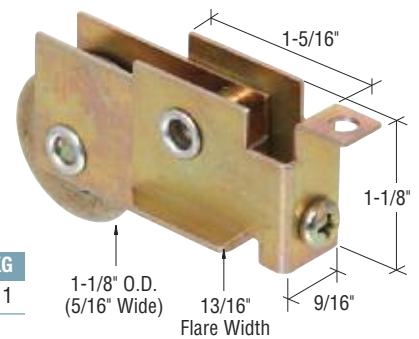


CAT. NO.	ROLLER	QTY/PKG
D1812	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by many mirror and wardrobe door manufacturers.

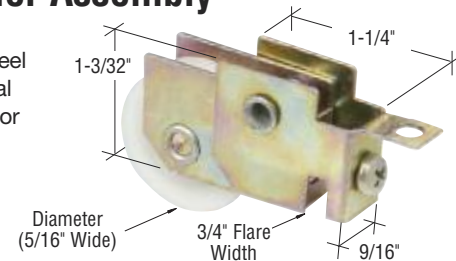


CAT. NO.	ROLLER	QTY/PKG
D1909	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by several mirror and wardrobe door manufacturers.

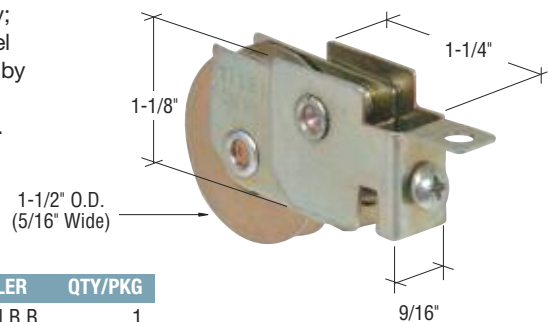


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1698	Nylon B.B.	1-1/4"	1
D1696	Steel B.B.	1-1/8"	1
D1697	Steel B.B.	1-1/4"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several door manufacturers.

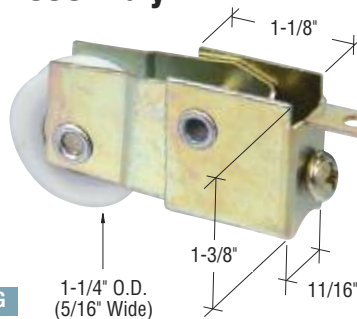


CAT. NO.	ROLLER	QTY/PKG
D1841	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable steel housing; fits on Rebco-West doors.

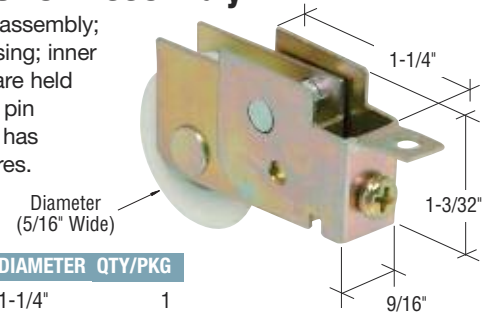


CAT. NO.	ROLLER	QTY/PKG
D1513	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; inner and outer housings are held together with a flush pin (not a rivet); housing has smooth sides, no flares.

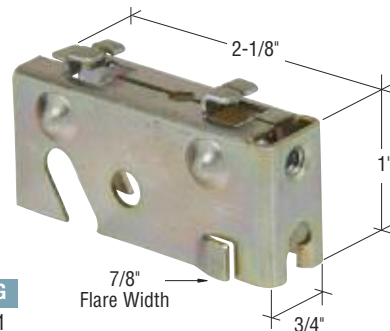


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1887	Nylon B.B.	1-1/4"	1
D1879	Nylon B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Housing

Steel housing used with D1619 inner housing and roller. Fits doors made by Empire Pacific and Alwindor patio doors.

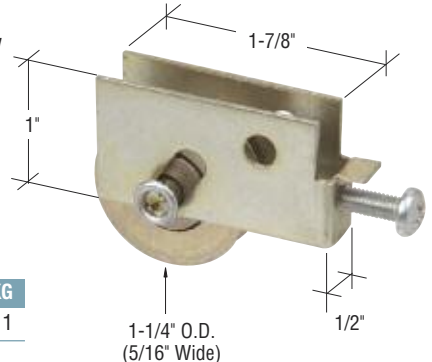


CAT. NO.	QTY/PKG
D1618	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller and inner housing saddle for use with D1618 outer housing; fits doors made by Empire Pacific and Alwindor patio doors.



CAT. NO.	ROLLER	QTY/PKG
D1619	Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



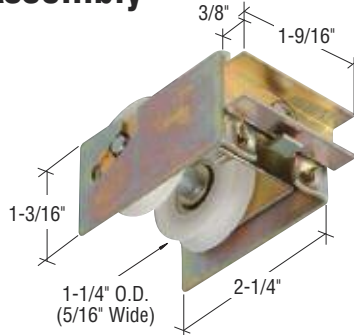
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CRL Door Roller Assembly

Ball bearing tandem roller assembly; adjustable steel housing; fits on Guaranteed doors.

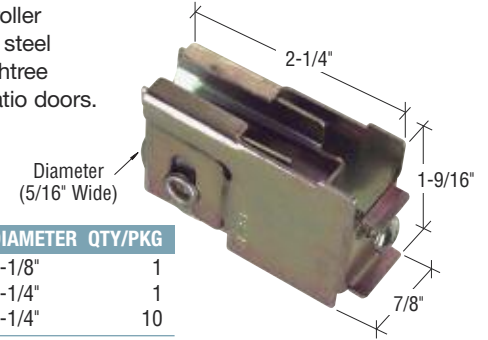


CAT. NO.	ROLLER	QTY/PKG
D1547	Nylon B.B.	1
D1548	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Peachtree "Citation 3" Series patio doors.

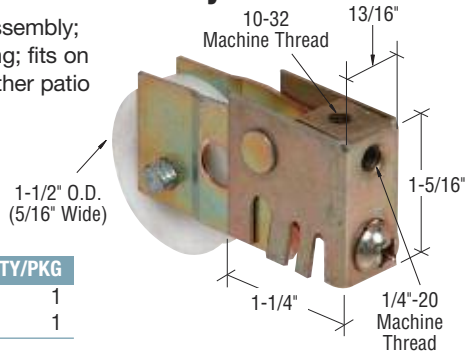


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1813	Steel B.B.	1-1/8"	1
D1611	Steel B.B.	1-1/4"	1
D1611B	Steel B.B.	1-1/4"	10

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Overseas doors and other patio door manufacturers.

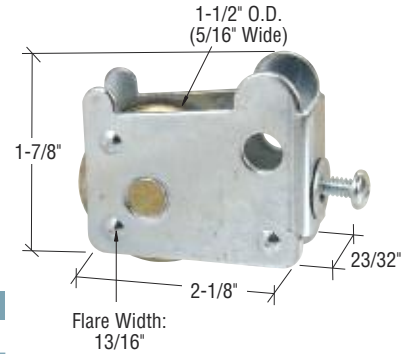


CAT. NO.	ROLLER	QTY/PKG
D1805	Nylon B.B.	1
D1534	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; galvanized steel housing; fits on Rylock patio doors.

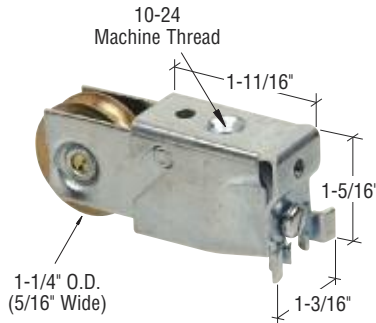


CAT. NO.	ROLLER	QTY/PKG
D1722	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Smith & Kelly and other patio door manufacturers.

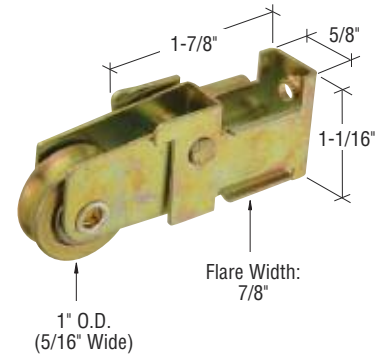


CAT. NO.	ROLLER	QTY/PKG
D1560	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Fullview patio doors.

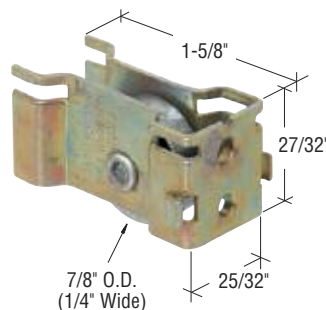


CAT. NO.	ROLLER	QTY/PKG
D1590	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Flat steel ball bearing roller assembly; adjustable steel housing.

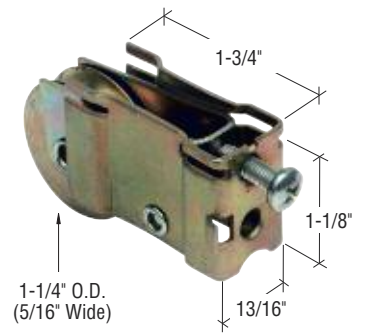


CAT. NO.	ROLLER	QTY/PKG
D1963	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Acorn, Wells Aluminum.



CAT. NO.	ROLLER	QTY/PKG
D1559	Steel B.B.	1
D1559B	Steel B.B.	10

Minimum order: 1 pack.

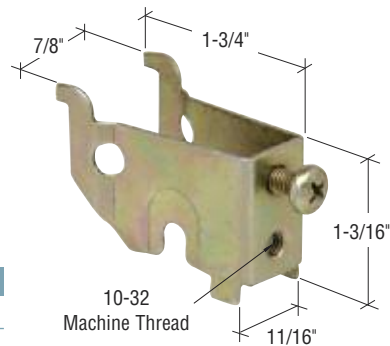
All packs of Replacement Hardware can be combined for quantity pricing.

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CRL Door Roller Housing

Steel housing for use with D1544 Roller; fits on H.D. Industries patio doors; can be bought as a set, Cat. No. D1853 (below).

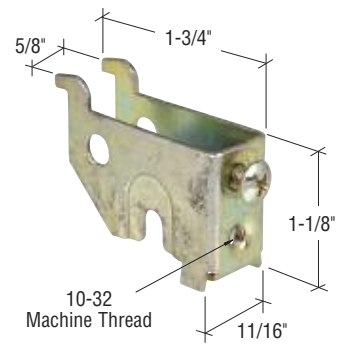


CAT. NO.	QTY/PKG
D1543	1

Minimum order: 1 pack.

CRL Door Roller Housing

Steel housing for use with D1546 or D1585 Roller; fits on Ador/HiLite patio doors; can be bought as a set, Cat. Nos. D1683 or D1685 (below).

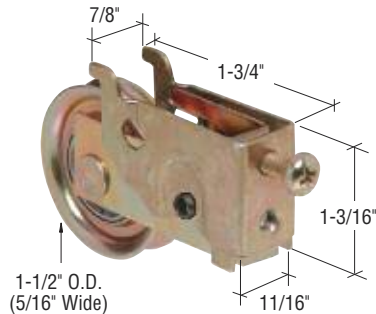


CAT. NO.	QTY/PKG
D1545	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used on H.D. Industries patio doors; housing can be ordered separately, Cat. No. D1543.

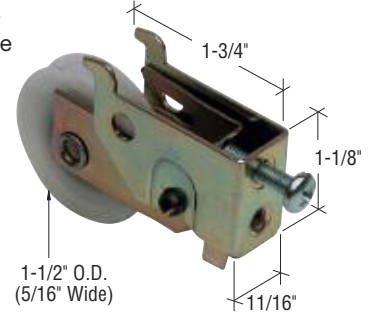


CAT. NO.	ROLLER	QTY/PKG
D1853	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller; adjustable steel housing; fits on Ador/HiLite patio doors; roller or housing can be ordered separately, Cat. No.'s D1546, D1585, and D1545.

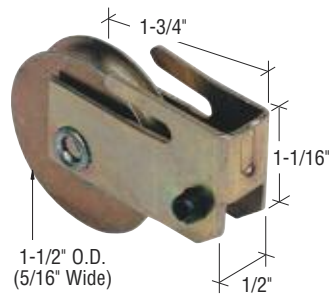


CAT. NO.	ROLLER	QTY/PKG
D1683	Nylon B.B.	1
D1685	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller; steel mounting bracket; for use with D1545 Housing; combine to create Cat. Nos. D1683 or D1685.

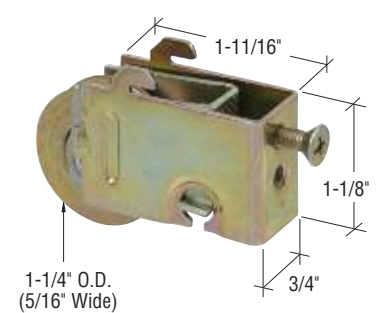


CAT. NO.	ROLLER	QTY/PKG
D1546	Nylon B.B.	1
D1546B	Nylon B.B.	10
D1585	Steel B.B.	1
D1585B	Steel B.B.	10

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; fits on Noranda Building Products, Traco, and Bee Cee doors.

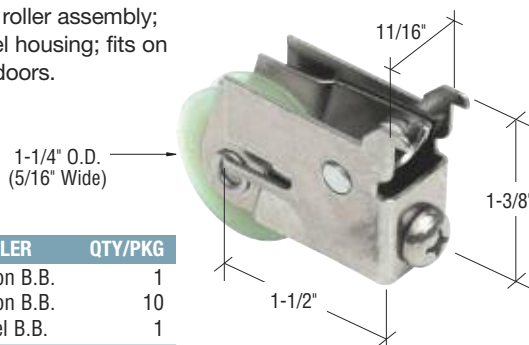


CAT. NO.	ROLLER	QTY/PKG
D1687	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Premier patio doors.



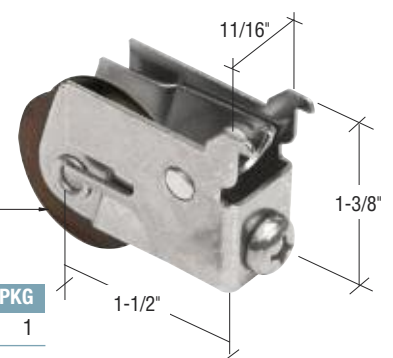
CAT. NO.	ROLLER	QTY/PKG
D1522	Nylon B.B.	1
D1522B	Nylon B.B.	10
D1752	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Stainless Steel

Stainless steel ball bearing roller assembly; adjustable stainless steel housing; fits on Premier patio doors.



CAT. NO.	ROLLER	QTY/PKG
D1752S	Stainless Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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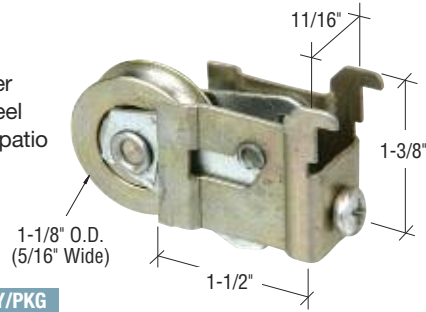
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crlaurence.eu

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CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by many patio door manufacturers.

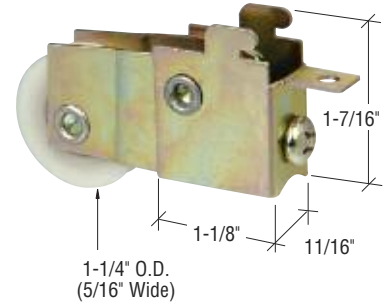


CAT. NO.	ROLLER	QTY/PKG
D1715	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

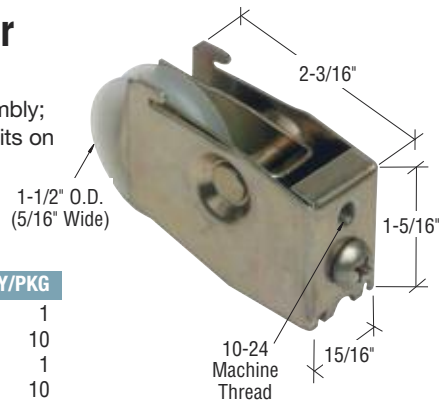


CAT. NO.	ROLLER	QTY/PKG
D1512	Nylon B.B.	1
D1886	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Northrop patio doors.

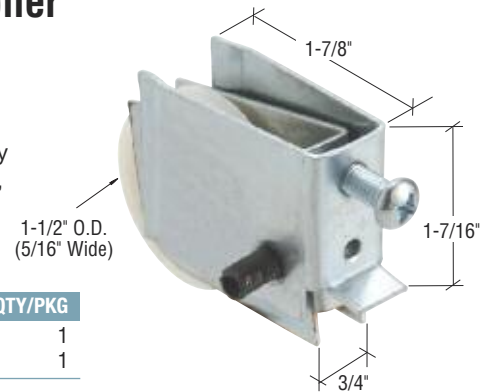


CAT. NO.	ROLLER	QTY/PKG
D1556	Nylon B.B.	1
D1556B	Nylon B.B.	10
PB1950	Steel B.B.	1
PB1950B	Steel B.B.	10

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Lumidor, C.E. Stanley, and other patio door manufacturers.

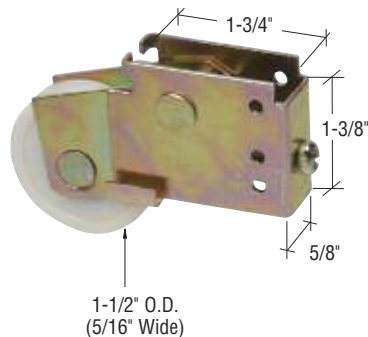


CAT. NO.	ROLLER	QTY/PKG
D1595	Nylon B.B.	1
D1749	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; fits on Marshall Aluminum doors.

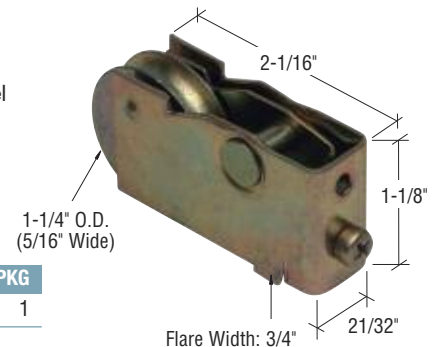


CAT. NO.	ROLLER	QTY/PKG
D1599	Nylon B.B.	1
D1901	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Crossly and other patio door manufacturers.

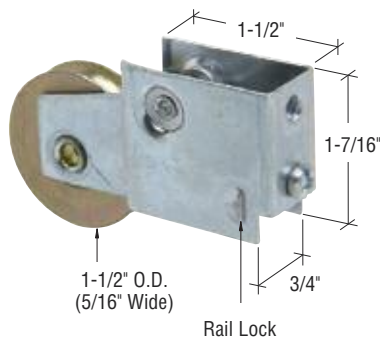


CAT. NO.	ROLLER	QTY/PKG
D1601	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several patio door manufacturers.

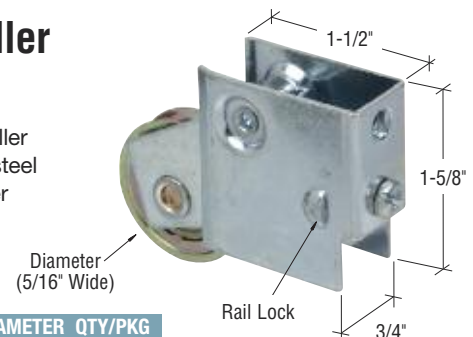


CAT. NO.	ROLLER	QTY/PKG
D1608	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by Keller and other patio door manufacturers.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1561	Steel B.B.	1-1/4"	1
D1562	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

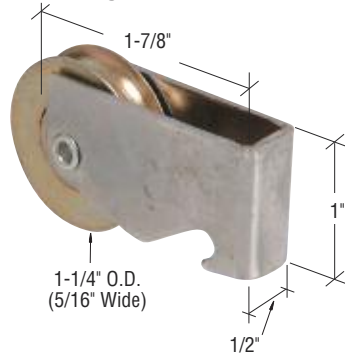
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CRL Door Roller Assembly

Steel ball bearing roller assembly; steel housing.

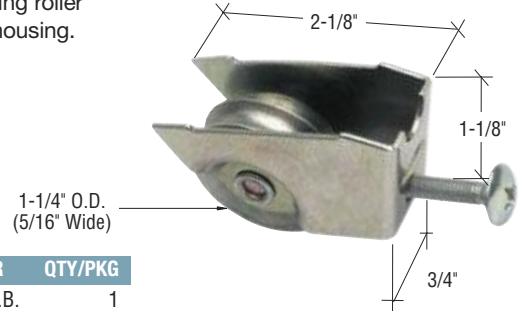


CAT. NO.	ROLLER	QTY/PKG
D1966	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; steel housing.

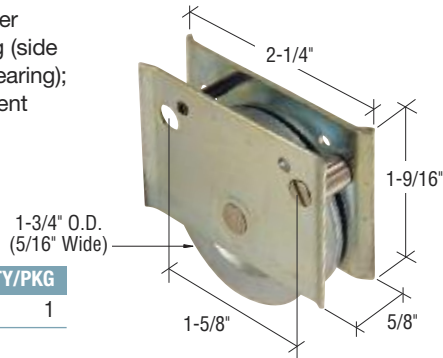


CAT. NO.	ROLLER	QTY/PKG
D1721	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; steel housing (side plate on each side of bearing); steel gear with adjustment screws.

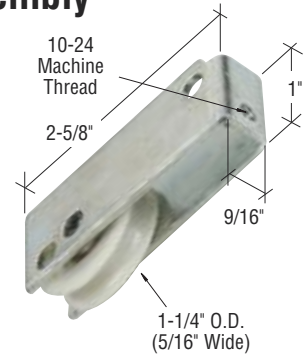


CAT. NO.	ROLLER	QTY/PKG
D1637	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel inner housing; fits on Capitol Door products.

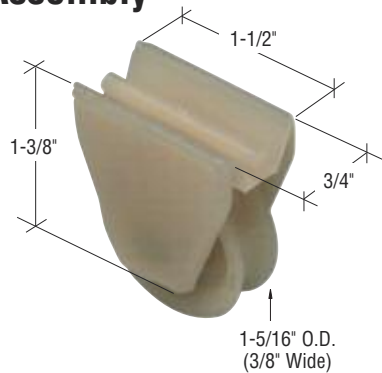


CAT. NO.	ROLLER	QTY/PKG
D1617	Nylon B.B.	1
D1892	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon roller with bushing axle; non-adjustable nylon housing; fits on Likit patio doors.

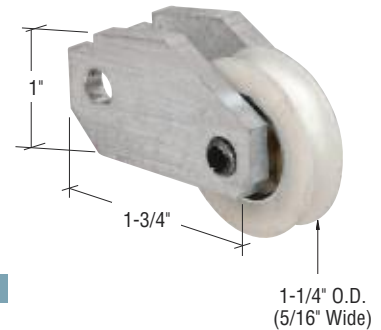


CAT. NO.	ROLLER	QTY/PKG
D1565	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; die cast housing.

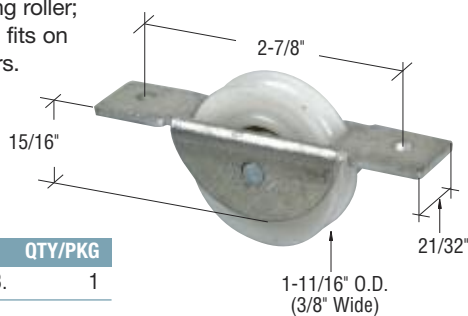


CAT. NO.	ROLLER	QTY/PKG
D1970	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller; aluminum housing; fits on Western patio doors.

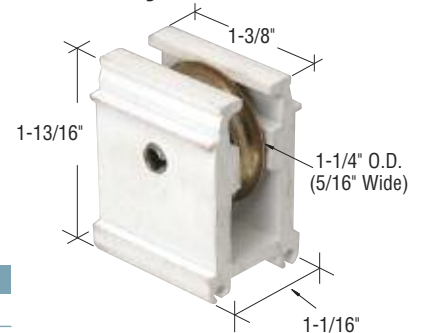


CAT. NO.	ROLLER	QTY/PKG
D1564	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; plastic housing.



CAT. NO.	ROLLER	QTY/PKG
D1968	Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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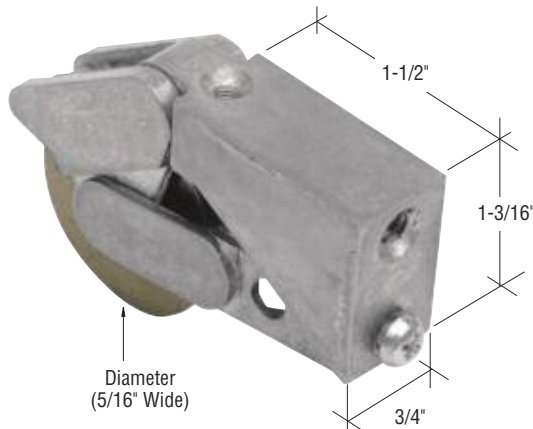
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CRL Door Roller Assembly

• Stainless Steel Available

Ball bearing roller assembly; adjustable die cast housing; fits on Fleetwood and Fullview patio doors.



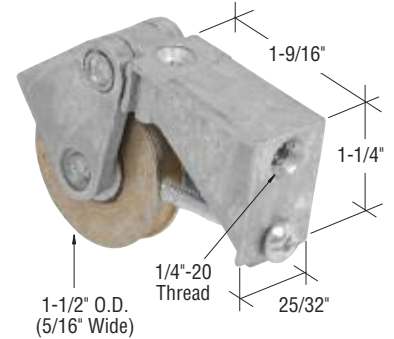
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1620	Nylon B.B.	1-1/4"	1
D1621	Nylon B.B.	1-1/2"	1
D1532	Steel B.B.	1-1/4"	1
D1532B	Steel B.B.	1-1/4"	10
D1533	Steel B.B.	1-1/2"	1
D1533B	Steel B.B.	1-1/2"	10
D1533SS	Stainless Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Popular in Canada

Steel ball bearing roller assembly; adjustable die cast housing; used by several patio door manufacturers.

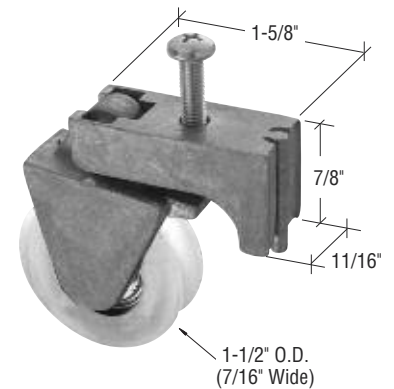


CAT. NO.	ROLLER	QTY/PKG
D1934	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable die cast housing; used by Nudor and other patio door manufacturers.

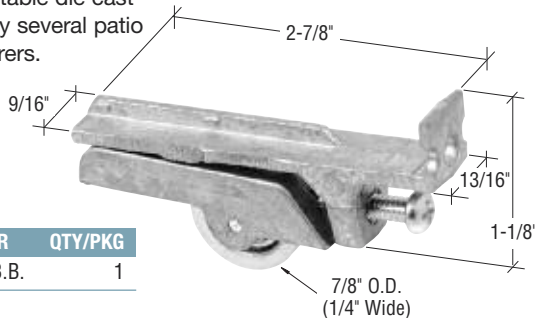


CAT. NO.	ROLLER	QTY/PKG
D1550	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Flat steel ball bearing roller assembly; adjustable die cast housing; used by several patio door manufacturers.

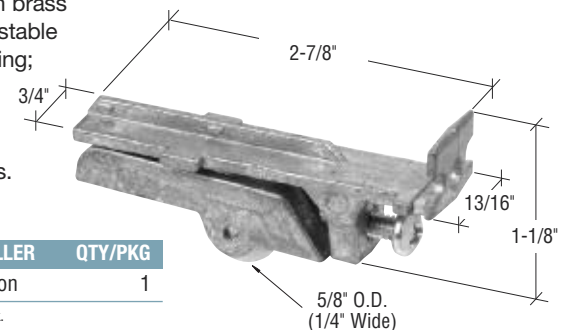


CAT. NO.	ROLLER	QTY/PKG
D1613	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Flat nylon roller assembly with brass bushing; adjustable die cast housing; used by several patio door manufacturers.



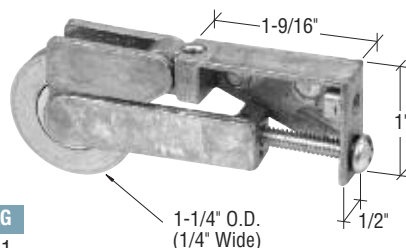
CAT. NO.	ROLLER	QTY/PKG
D1614	Nylon	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Popular in Canada

Steel ball bearing roller assembly; adjustable die cast housing; used by many patio door manufacturers.

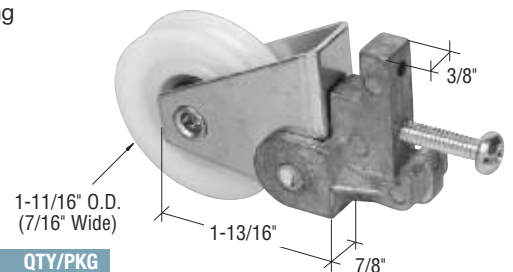


CAT. NO.	ROLLER	QTY/PKG
D1794	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable die cast housing; fits on Art Door patio doors.



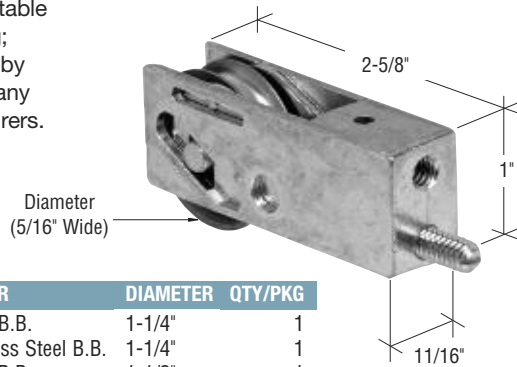
CAT. NO.	ROLLER	QTY/PKG
D1555	Nylon B.B.	1

Minimum order: 1 pack.

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CRL Door Roller Assembly

Ball bearing roller assembly; adjustable die cast housing; fits doors made by Trimview and many other manufacturers.

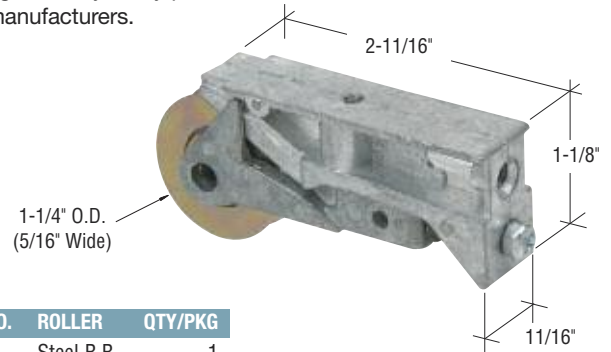


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1587	Nylon B.B.	1-1/4"	1
D1932	Stainless Steel B.B.	1-1/4"	1
D1810	Nylon B.B.	1-1/2"	1
D1825	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable die cast housing; used by many patio door manufacturers.

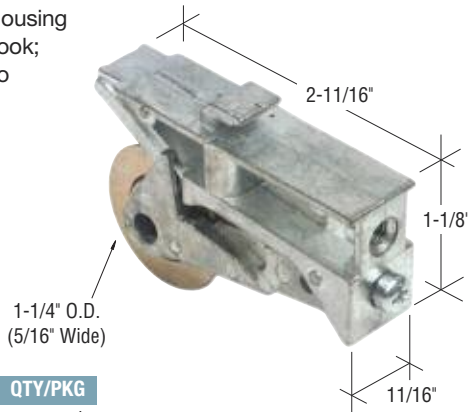


CAT. NO.	ROLLER	QTY/PKG
D1640	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; die cast housing with top mounting hook; used by several patio door manufacturers.

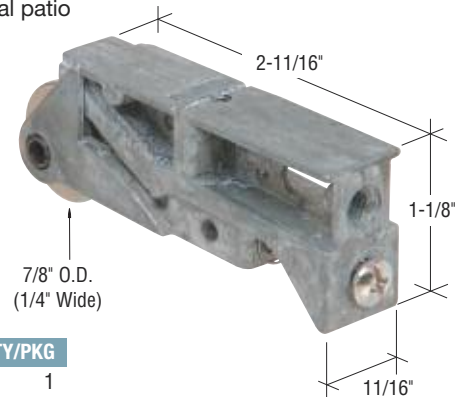


CAT. NO.	ROLLER	QTY/PKG
D1734	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Flat steel ball bearing roller assembly; adjustable die cast housing; used by several patio door manufacturers.

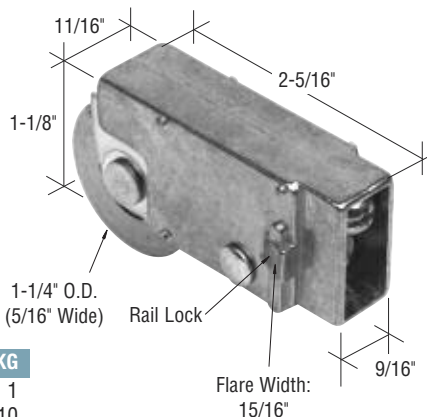


CAT. NO.	ROLLER	QTY/PKG
D1962	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable die cast housing; used by Crossly and other patio door manufacturers.

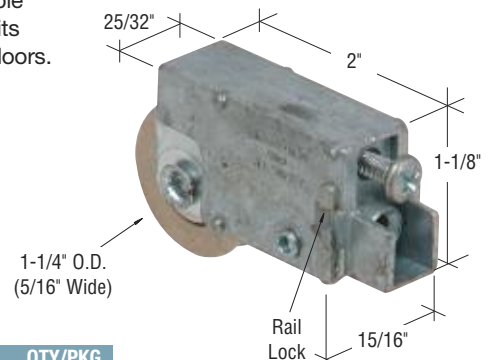


CAT. NO.	ROLLER	QTY/PKG
D1603	Steel B.B.	1
D1603B	Steel B.B.	10

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable die cast housing; fits "old style" Acorn doors.



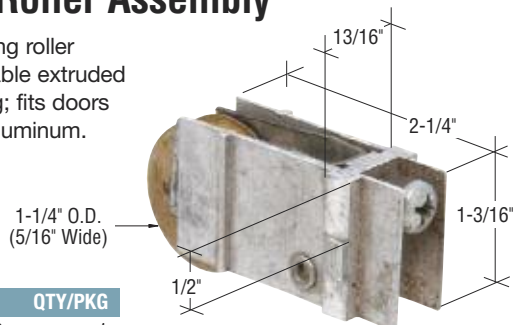
CAT. NO.	ROLLER	QTY/PKG
D1842	Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; fits doors made by Acorn Aluminum.

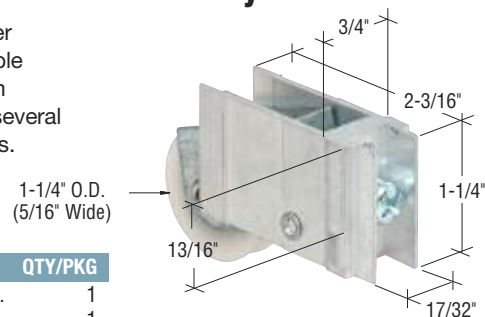


CAT. NO.	ROLLER	QTY/PKG
D1885	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable extruded aluminum housing; used by several door manufacturers.

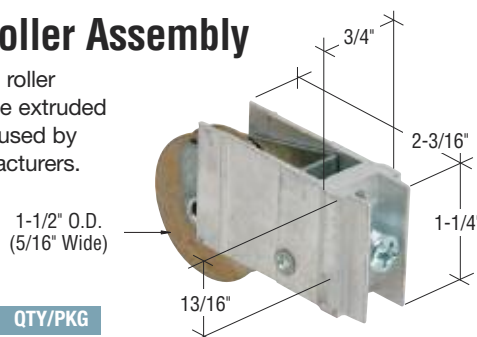


CAT. NO.	ROLLER	QTY/PKG
D1953	Nylon B.B.	1
D1732	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; used by several door manufacturers.

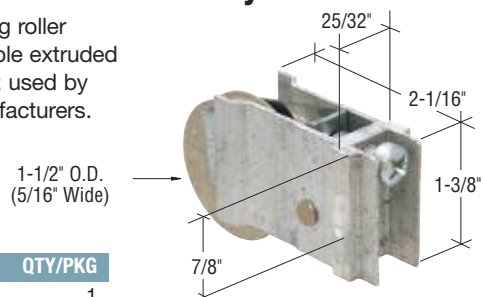


CAT. NO.	ROLLER	QTY/PKG
D1912	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; used by several door manufacturers.

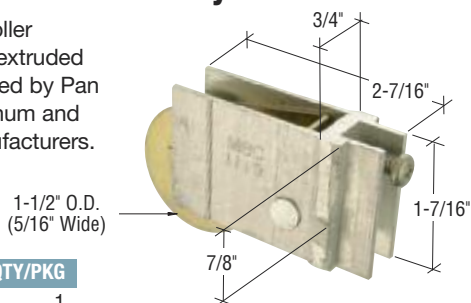


CAT. NO.	ROLLER	QTY/PKG
D1960	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; used by Pan American, AAA Aluminum and other patio door manufacturers.

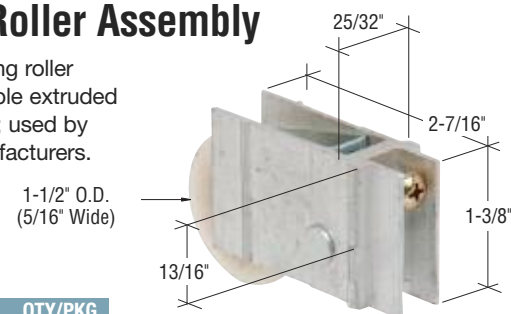


CAT. NO.	ROLLER	QTY/PKG
D1598	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable extruded aluminum housing; used by several door manufacturers.

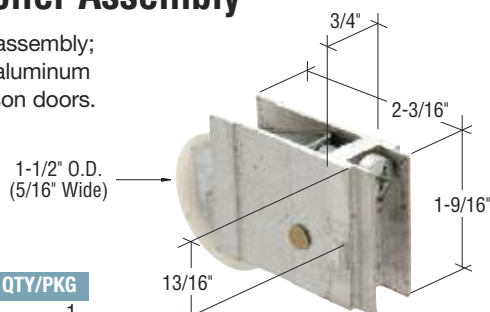


CAT. NO.	ROLLER	QTY/PKG
D1769	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable extruded aluminum housing; fits on Lawson doors.

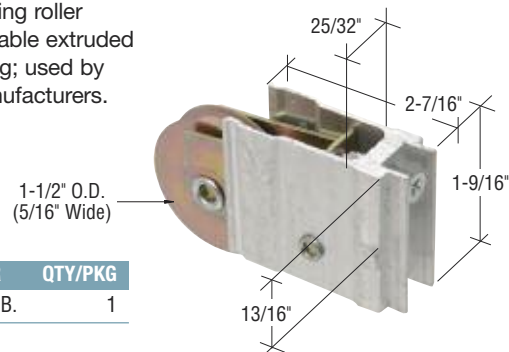


CAT. NO.	ROLLER	QTY/PKG
D1954	Nylon B.B.	1
D1956	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; used by several door manufacturers.



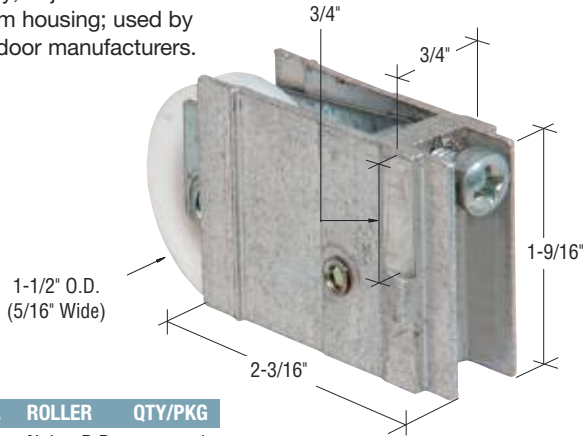
CAT. NO.	ROLLER	QTY/PKG
D1959	Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable extruded aluminum housing; used by several door manufacturers.

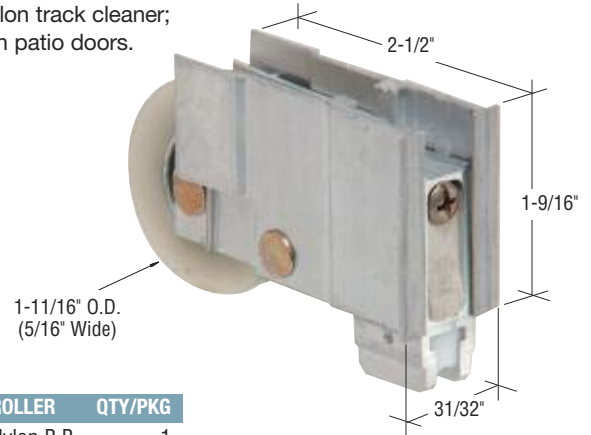


CAT. NO.	ROLLER	QTY/PKG
D1961	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; extruded aluminum housing; nylon track cleaner; fits on Alcan patio doors.

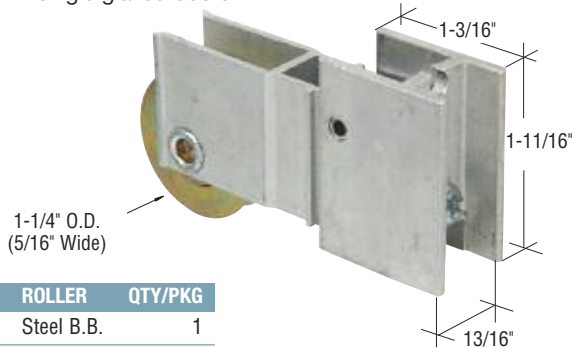


CAT. NO.	ROLLER	QTY/PKG
D1764	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; fits on Peachtree "Citation 2" single glazed doors.



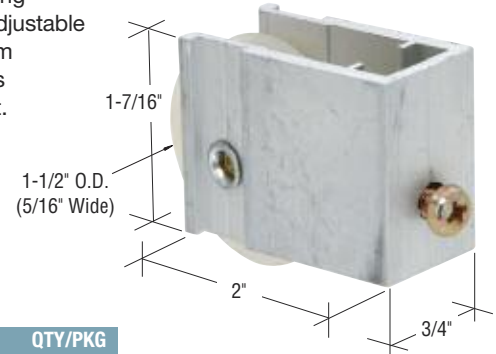
CAT. NO.	ROLLER	QTY/PKG
D1610	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Popular in Canada

Nylon ball bearing roller assembly; adjustable extruded aluminum housing; fits doors made by Wescraft.

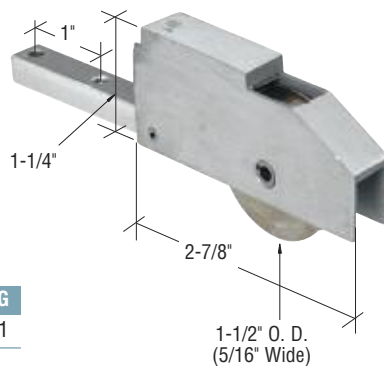


CAT. NO.	ROLLER	QTY/PKG
AG4117	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller with die cast housing and die cast mounting arm; used on Miller Doors, West Coast division.



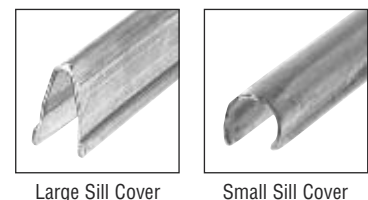
CAT. NO.	ROLLER	QTY/PKG
D1893	Steel B.B.	1

Minimum order: 1 pack.

CRL Stainless Steel Sill Track Covers

• Repairs Damaged or Corroded Patio Door Track Rails

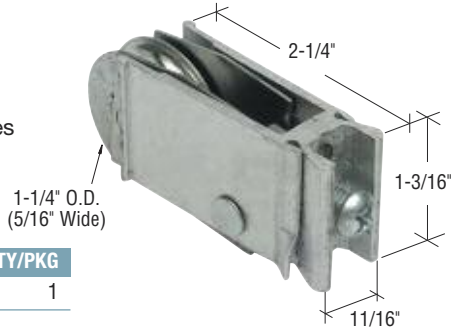
CRL Sill Track Covers are designed to repair damaged and corroded patio door tracks. Simply remove the door, place Sill Cover over the track, then re-install the door. The door rollers will glide smoothly and quietly as though brand new. Sill Track Covers are available in two sizes that can fit and repair most patio door tracks. See page 284W for more information.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; used by Miller Industries and other patio door manufacturers.

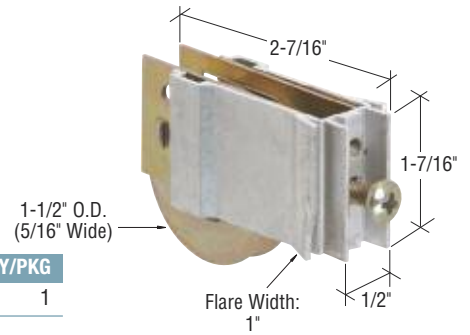


CAT. NO.	ROLLER	QTY/PKG
D1602	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; used by several door manufacturers.

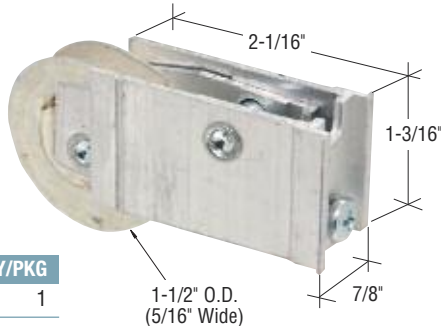


CAT. NO.	ROLLER	QTY/PKG
D1767	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; used by several door manufacturers.

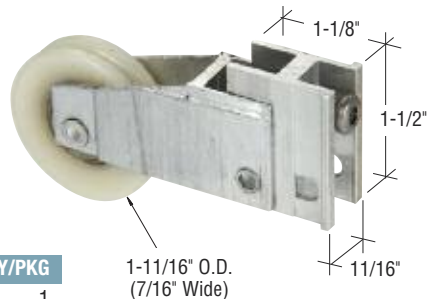


CAT. NO.	ROLLER	QTY/PKG
D1863	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing roller assembly; adjustable extruded aluminum housing; used by Daryl, Plaza Door, and other patio door manufacturers.

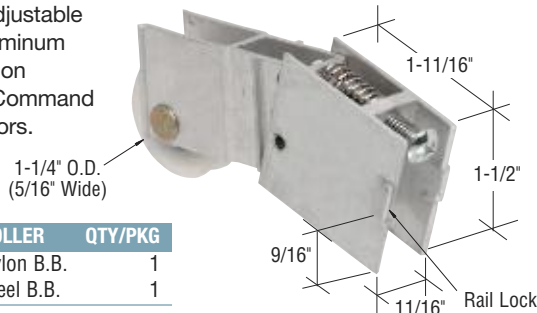


CAT. NO.	ROLLER	QTY/PKG
D1591	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing roller assembly; adjustable extruded aluminum housing; fits on Peachtree "Command 5" Series doors.

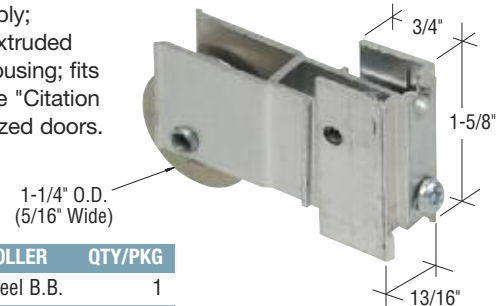


CAT. NO.	ROLLER	QTY/PKG
D1967	Nylon B.B.	1
D1616	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable extruded aluminum housing; fits on Peachtree "Citation 2" single glazed doors.



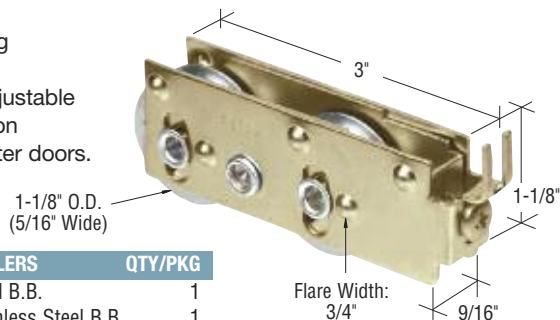
CAT. NO.	ROLLER	QTY/PKG
D1609	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Stainless Steel Available

Ball bearing tandem roller assembly; adjustable housing; fits on Window Master doors.

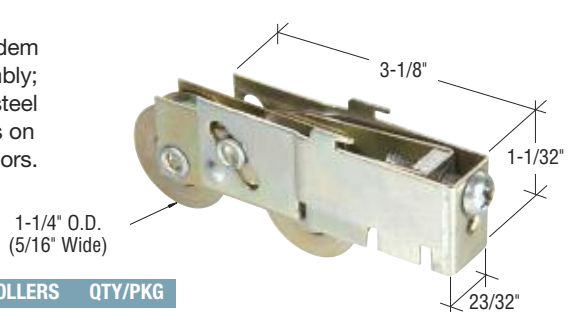


CAT. NO.	ROLLERS	QTY/PKG
D1727	Steel B.B.	1
D2013	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; fits on Bee Cee doors.



CAT. NO.	ROLLERS	QTY/PKG
D1689	Steel B.B.	1

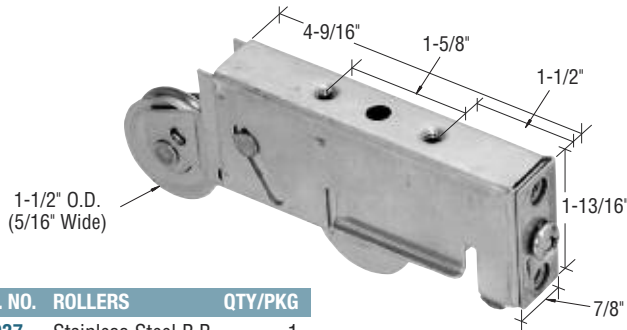
Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Door Roller Assembly

• Stainless Steel

Stainless steel ball bearing tandem roller assembly; adjustable stainless steel housing; ideal for use in corrosive conditions; fits on Armour Vue and Atlas doors.

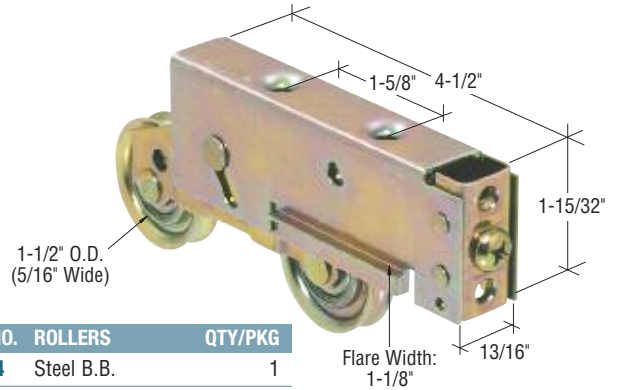


CAT. NO.	ROLLERS	QTY/PKG
D1937	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.



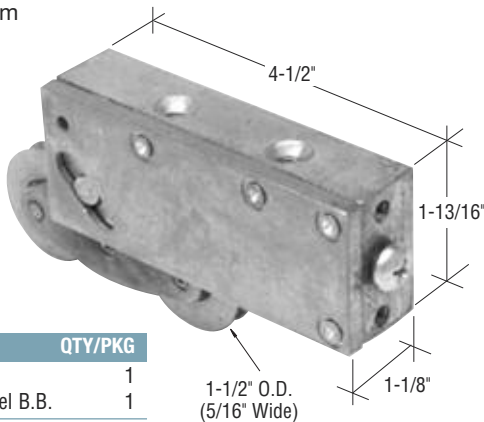
CAT. NO.	ROLLERS	QTY/PKG
D1924	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Stainless Steel Available

Ball bearing tandem roller assembly; die cast housing; fits on Kawneer doors.



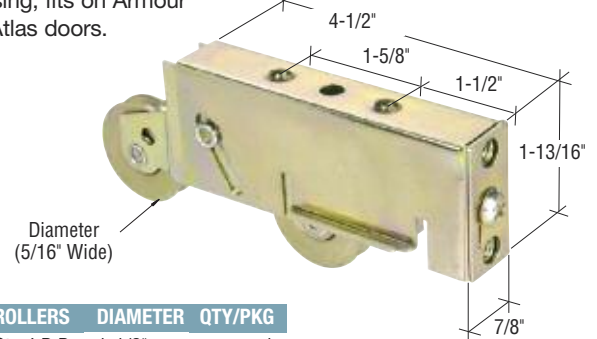
CAT. NO.	ROLLERS	QTY/PKG
D1586	Steel B.B.	1
D1884	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

new

Steel ball bearing tandem roller assembly; adjustable steel housing; fits on Armour Vue and Atlas doors.

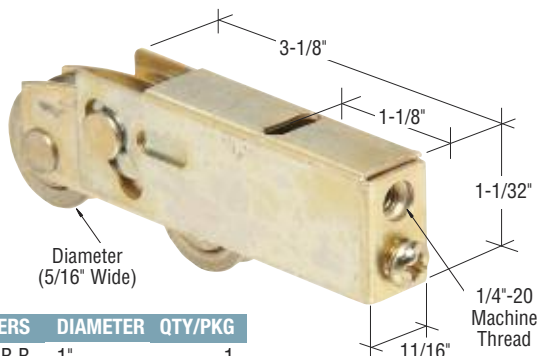


CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1549	Steel B.B.	1-1/2"	1
D1843	Steel B.B.	1-13/16"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several manufacturers.



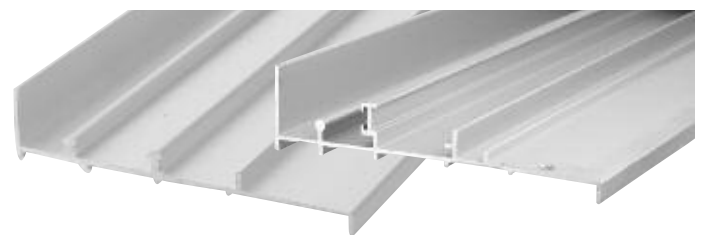
CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1979	Steel B.B.	1"	1
D1735	Steel B.B.	1-1/4"	1

Minimum order: 1 pack.

CRL Patio Door Replacement Thresholds

• Models to Replace Many OEM Thresholds

CRL offers extruded aluminum Replacement Thresholds to match the original threshold supplied by many door manufacturers. The most popular thresholds are stocked in 6 and 8 foot (1.83 and 2.44 m) stock lengths, but we can also supply other models and lengths on special order. See pages 281W-283W.

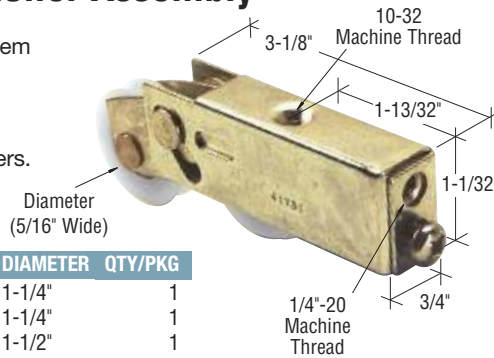


All packs of Replacement Hardware can be combined for quantity pricing.

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CRL Door Roller Assembly

Ball bearing tandem roller assembly; adjustable steel housing; used by several manufacturers.



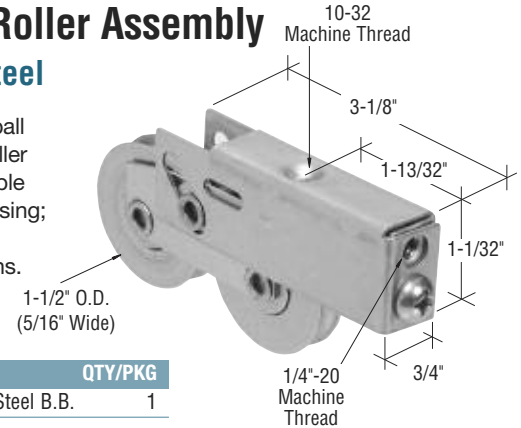
CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1739	Nylon B.B.	1-1/4"	1
D1986	Steel B.B.	1-1/4"	1
D1899	Nylon B.B.	1-1/2"	1
D1754	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Stainless Steel

Stainless steel ball bearing tandem roller assembly; adjustable stainless steel housing; ideal for use in corrosive conditions.

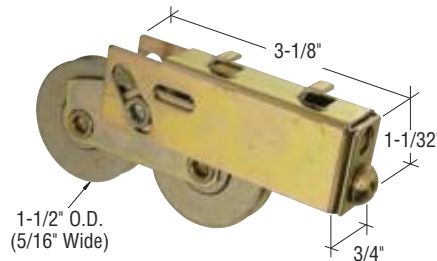


CAT. NO.	ROLLERS	QTY/PKG
D1922	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; hooks snap into bottom door rail; used by Smith Carry and several other door manufacturers.

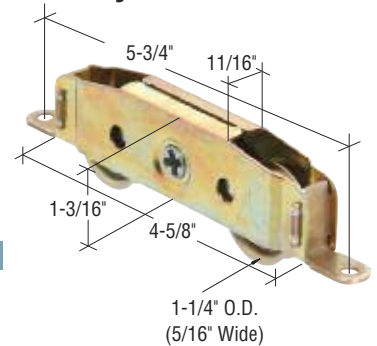


CAT. NO.	ROLLERS	QTY/PKG
D1736	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing tandem roller assembly; side adjustable steel housing; used on vinyl and wood patio doors.



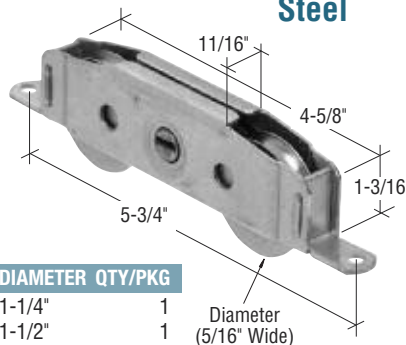
CAT. NO.	ROLLERS	QTY/PKG
D1607	Steel B.B.	1
D1607B	Steel B.B.	10
D1730	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Stainless Steel

Stainless steel ball bearing tandem roller assembly; side adjustable stainless steel housing; ideal for use in corrosive conditions.

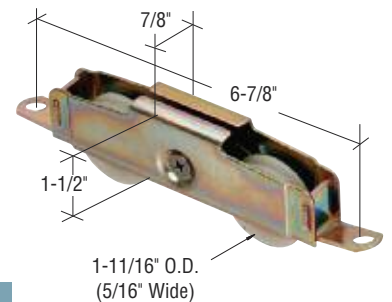


CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1780	Stainless Steel B.B.	1-1/4"	1
D1910	Stainless Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing tandem roller assembly; side adjustable steel housing; used on vinyl and wood patio doors.

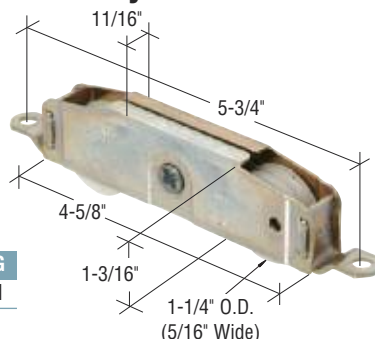


CAT. NO.	ROLLERS	QTY/PKG
D1994	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing tandem roller assembly; offset mounting tabs; side adjustable steel housing; used on vinyl and wood sliding glass doors.

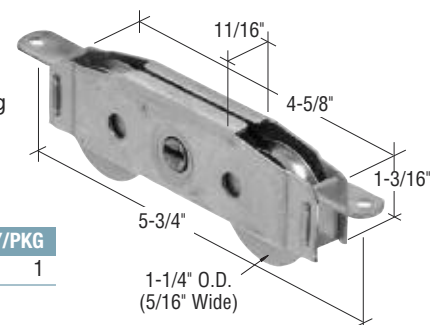


CAT. NO.	ROLLERS	QTY/PKG
D2000	tNylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; side adjustable steel housing; inverted mounting tabs; used on vinyl and wood patio doors.



CAT. NO.	ROLLERS	QTY/PKG
D1882	Steel B.B.	1

Minimum order: 1 pack.

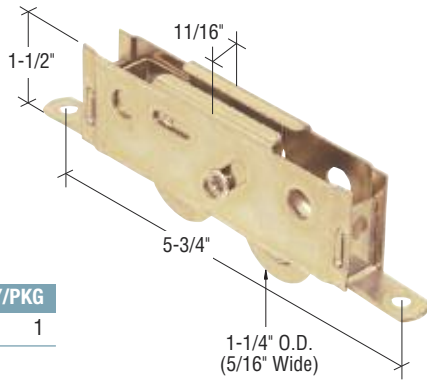
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CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.

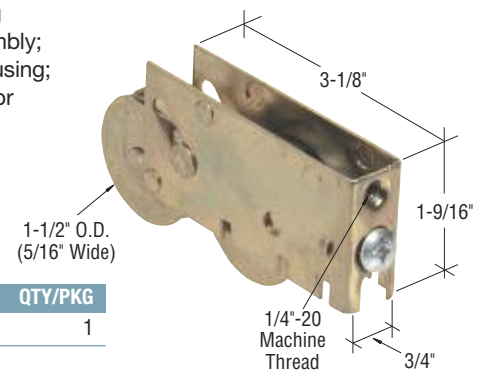


CAT. NO.	ROLLERS	QTY/PKG
D1980	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.

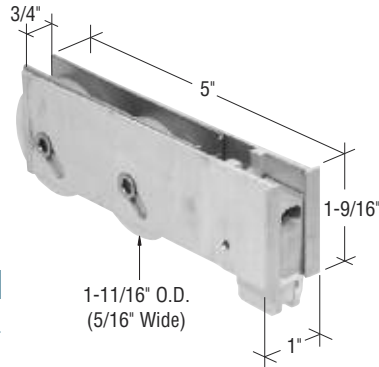


CAT. NO.	ROLLERS	QTY/PKG
D1904	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing tandem roller assembly; extruded aluminum housing; stainless steel inner carriage; unique track cleaner built into rear of housing.

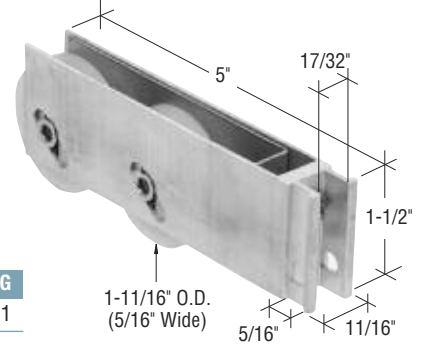


CAT. NO.	ROLLERS	QTY/PKG
D1993	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing tandem roller assembly; extruded aluminum housing; stainless steel inner carriage; used by several door manufacturers.

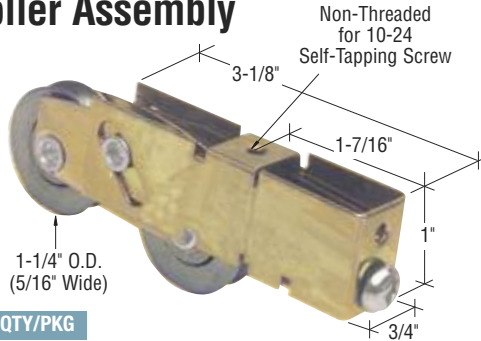


CAT. NO.	ROLLERS	QTY/PKG
D1995	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.

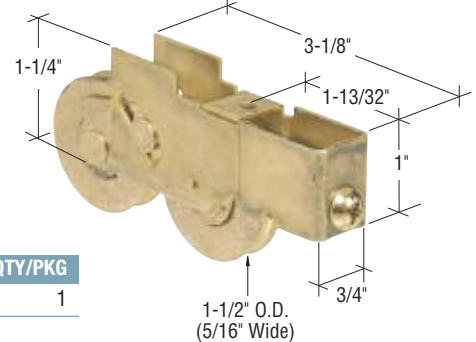


CAT. NO.	ROLLERS	QTY/PKG
D1808	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.

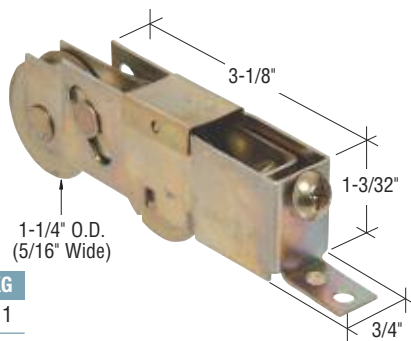


CAT. NO.	ROLLERS	QTY/PKG
D1996	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.

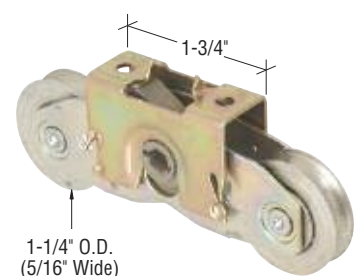


CAT. NO.	ROLLERS	QTY/PKG
D1916	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; side adjustable steel housing; fits Andersen patio doors.



CAT. NO.	ROLLERS	QTY/PKG
D1971	Steel B.B.	1

Minimum order: 1 pack.

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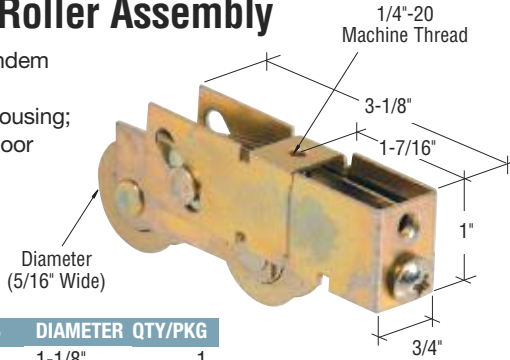
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CRL Door Roller Assembly

Ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.

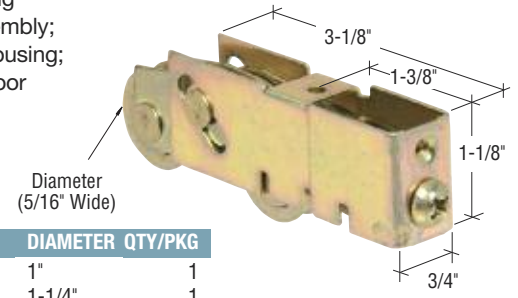


CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1791	Steel B.B.	1-1/8"	1
D1940	Nylon B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.

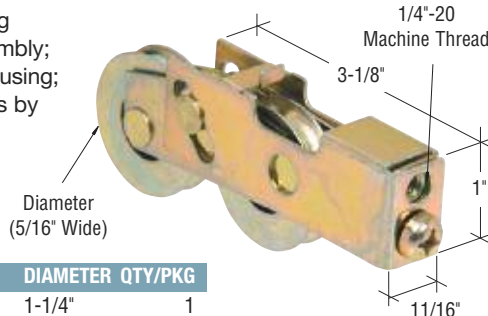


CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1982	Steel B.B.	1"	1
D1983	Steel B.B.	1-1/4"	1
D1984	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used on vinyl doors by several door manufacturers.

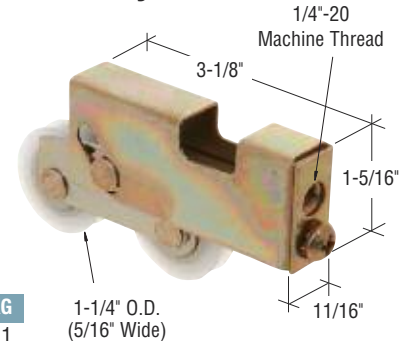


CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1858	Steel B.B.	1-1/4"	1
D1988	Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing tandem roller assembly; adjustable steel housing; used on vinyl doors by several door manufacturers.

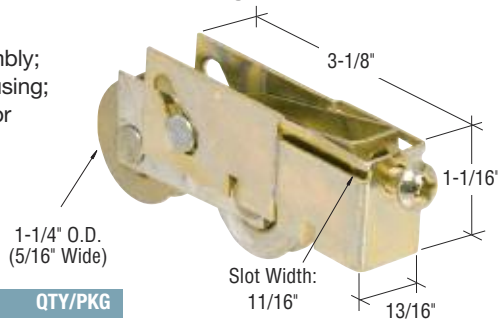


CAT. NO.	ROLLERS	QTY/PKG
D1920	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.

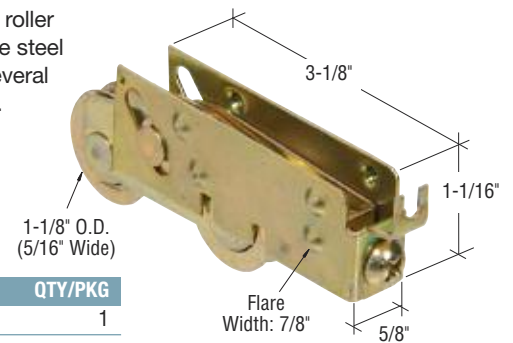


CAT. NO.	ROLLERS	QTY/PKG
D1917	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing roller assembly; adjustable steel housing; used by several door manufacturers.

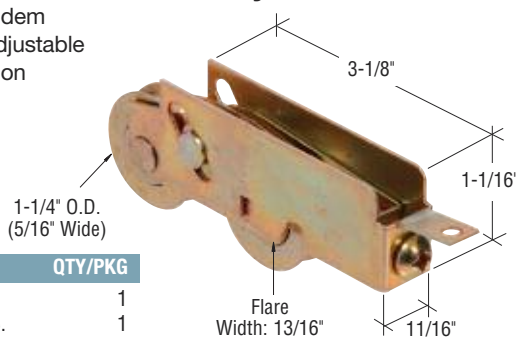


CAT. NO.	ROLLERS	QTY/PKG
D1981	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing tandem roller assembly; adjustable steel housing; fits on Louisiana-Pacific patio doors.

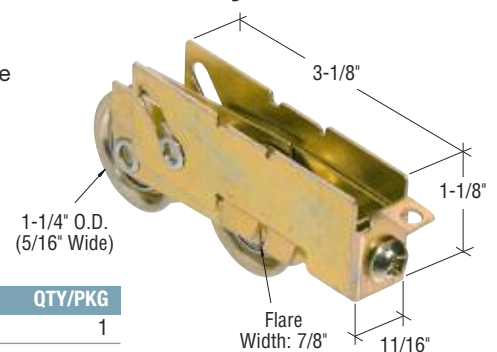


CAT. NO.	ROLLERS	QTY/PKG
D1775	Steel B.B.	1
D1915	Nylon B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller assembly; adjustable steel housing; used by several door manufacturers.



CAT. NO.	ROLLERS	QTY/PKG
D1880	Steel B.B.	1

Minimum order: 1 pack.

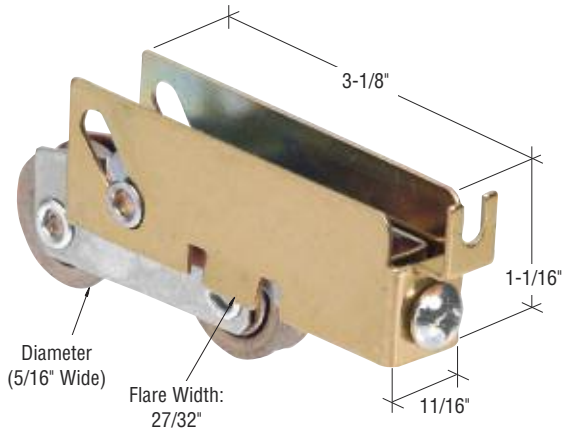
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CRL Door Roller Assembly

Ball bearing roller assembly; adjustable steel housing; used by Pacific and other patio door manufacturers.



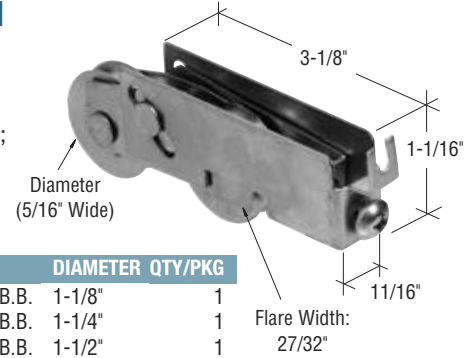
CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1985	Steel B.B.	1"	1
D1551	Steel B.B.	1-1/8"	1
D1551B	Steel B.B.	1-1/8"	10
D1552	Steel B.B.	1-1/4"	1
D1552B	Steel B.B.	1-1/4"	10
D1852	Nylon B.B.	1-1/4"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

• Stainless Steel

Stainless steel ball bearing tandem roller assembly; adjustable stainless steel housing; used by Pacific and other patio door manufacturers.

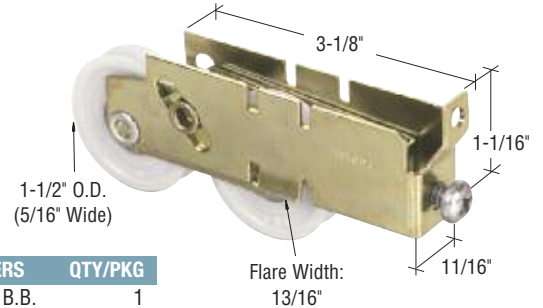


CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1926	Stainless Steel B.B.	1-1/8"	1
D1927	Stainless Steel B.B.	1-1/4"	1
D1928	Stainless Steel B.B.	1-1/2"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Nylon ball bearing tandem roller assembly; adjustable steel housing; used on vinyl doors by several door manufacturers.



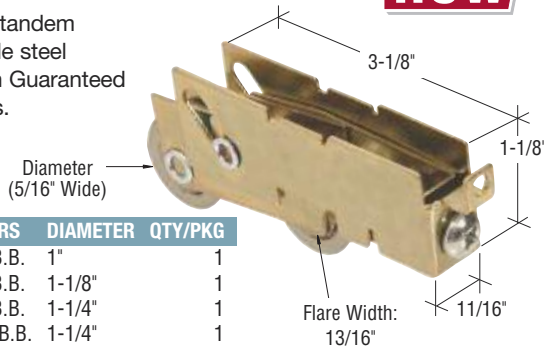
CAT. NO.	ROLLERS	QTY/PKG
D1738	Nylon B.B.	1
D1738B	Nylon B.B.	10

Minimum order: 1 pack.

CRL Door Roller Assembly

new

Ball bearing tandem roller; adjustable steel housing; fits on Guaranteed Products doors.

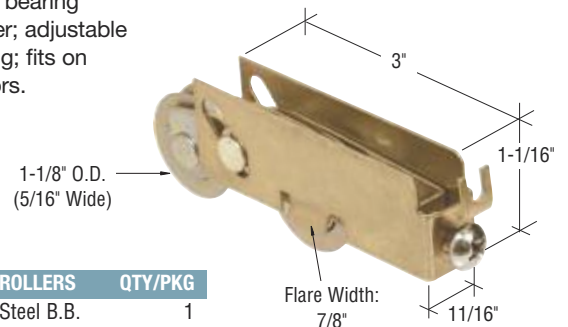


CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1846	Steel B.B.	1"	1
D1847	Steel B.B.	1-1/8"	1
D1845	Steel B.B.	1-1/4"	1
D2049	Nylon B.B.	1-1/4"	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel ball bearing tandem roller; adjustable steel housing; fits on Merzon doors.

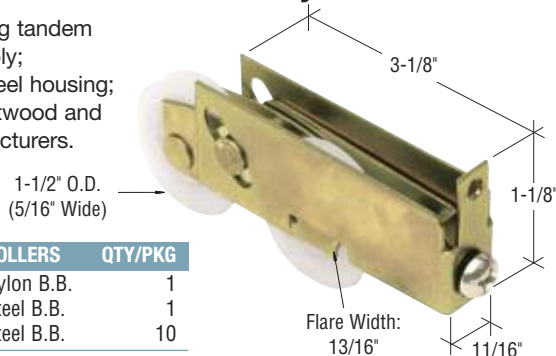


CAT. NO.	ROLLERS	QTY/PKG
D1908	Steel B.B.	1

Minimum order: 1 pack.

CRL Door Roller Assembly

Ball bearing tandem roller assembly; adjustable steel housing; used by Fleetwood and other manufacturers.

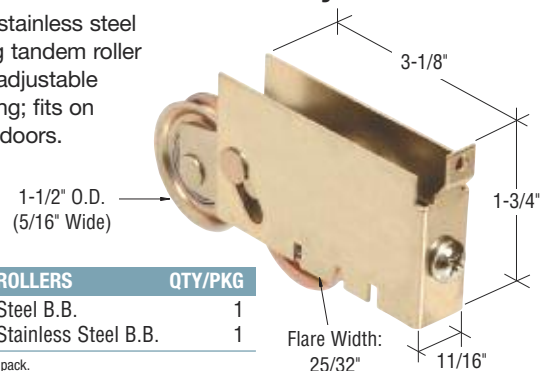


CAT. NO.	ROLLERS	QTY/PKG
D1553	Nylon B.B.	1
D1844	Steel B.B.	1
D1844B	Steel B.B.	10

Minimum order: 1 pack.

CRL Door Roller Assembly

Steel or stainless steel ball bearing tandem roller assembly; adjustable steel housing; fits on Fleetwood doors.



CAT. NO.	ROLLERS	QTY/PKG
D1862	Steel B.B.	1
D1862SS	Stainless Steel B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

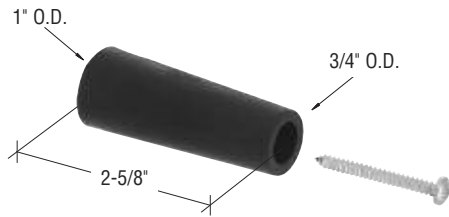


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CRL Door Bumper

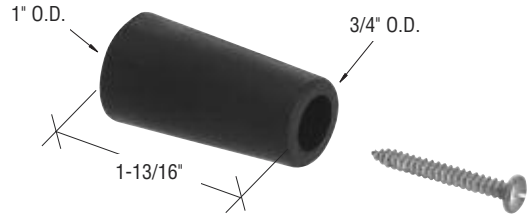


CAT. NO.	COLOR	QTY/PKG
D1569	Black	2
D1802	White	2

Minimum order: 1 pack.

Injected rubber Bumper; attaches to jamb to prevent the door from slamming; screws included.

CRL Door Bumper



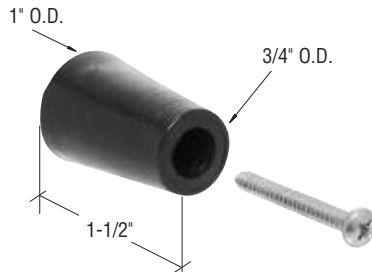
CAT. NO.	COLOR	QTY/PKG
D1568	Black	2
D1801	White	2

Minimum order: 1 pack.

Injected rubber Bumper; attaches to jamb to prevent the door from slamming; screws included.

CRL Door Bumper

Injected rubber Bumper; attaches to jamb to prevent the door from slamming; screws included.

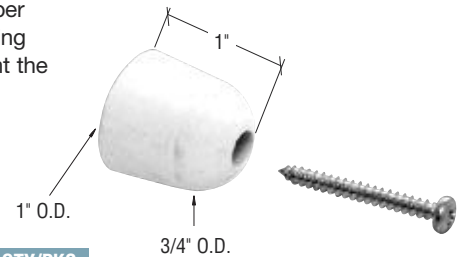


CAT. NO.	COLOR	QTY/PKG
D1701	Black	2
D2002	Gray	2
D1900	White	2

Minimum order: 1 pack.

CRL Door Bumper

Injected white rubber Bumper used on sliding patio doors to prevent the door from slamming; screws included.

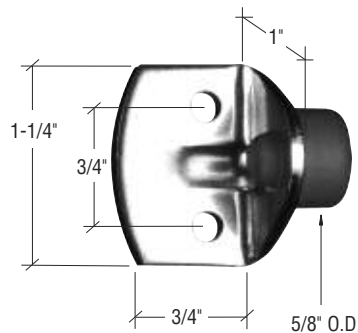


CAT. NO.	COLOR	QTY/PKG
D1935	White	2

Minimum order: 1 pack.

CRL Door Bumper

Rubber Bumper mounted on steel "L" bracket; universal design.

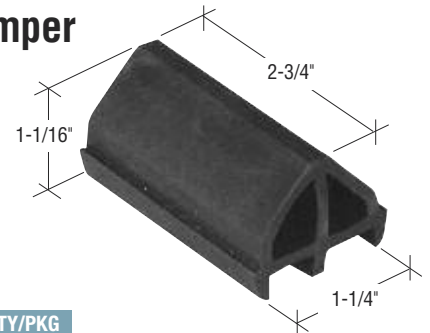


CAT. NO.	COLOR	QTY/PKG
D1702	Gray	2

Minimum order: 1 pack.

CRL Door Bumper

Extruded black rubber Bumper; mounts into top and bottom frame rails to stop door; used by many manufacturers.



CAT. NO.	COLOR	QTY/PKG
D1700	Black	2

Minimum order: 1 pack.

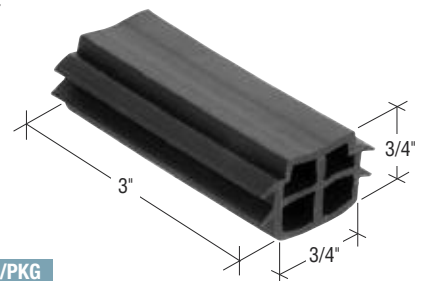


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CRL Door Bumper

Extruded black rubber Bumper; mounts into top frame header to stop door; used by many manufacturers.



CAT. NO.	COLOR	QTY/PKG
D1792	Black	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL GLASS DOOR ACCESSORIES

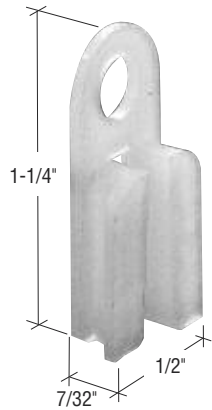
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CRL Top Guide

Nylon Guides for top of doors; fits on Fullview patio doors.

CAT. NO.	QTY/PKG
D1570	4

Minimum order: 1 pack.

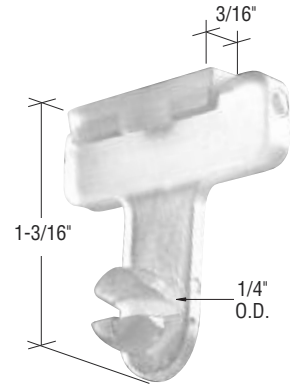


CRL Top Guide

Snap-in nylon Guides for top of International Series 900 patio doors.

CAT. NO.	QTY/PKG
D1577	4

Minimum order: 1 pack.

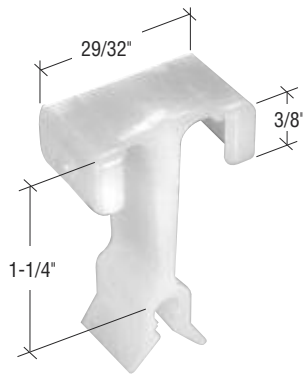


CRL Top Guide

Nylon Guide mounts on top of door and prevents rattle during operation; fits on International patio doors.

CAT. NO.	QTY/PKG
D1684	2

Minimum order: 1 pack.

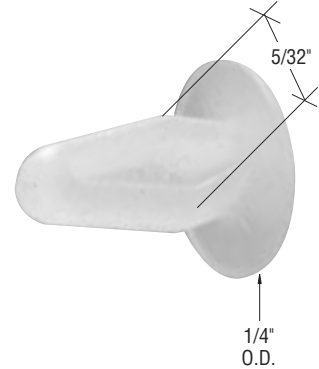


CRL Top Guide

Nylon Guide; used in top rail of door to create a quieter and smooth sliding patio door.

CAT. NO.	QTY/PKG
D1710	4

Minimum order: 1 pack.



CRL Top Guide

Injected plastic roller Guide keeps door centered in top grooves for smooth operation; fits on Peachtree Citation 3 doors.

CAT. NO.	QTY/PKG
D1803	1

Minimum order: 1 pack.

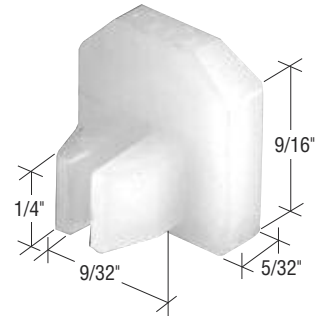


CRL Top Guide

Nylon Guide; snaps into top of sliding glass door panel to facilitate smooth operation.

CAT. NO.	QTY/PKG
D1717	4

Minimum order: 1 pack.

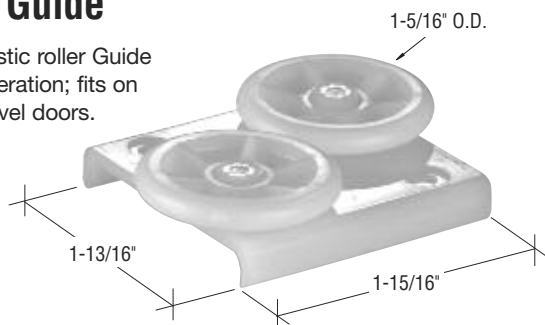


CRL Top Guide

Injected plastic roller Guide for smooth operation; fits on Peachtree Carvel doors.

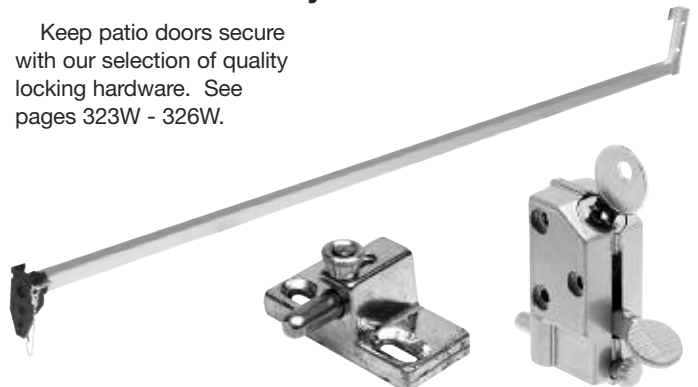
CAT. NO.	QTY/PKG
D1804	1

Minimum order: 1 pack.



CRL Door Security Hardware

Keep patio doors secure with our selection of quality locking hardware. See pages 323W - 326W.



All packs of Replacement Hardware can be combined for quantity pricing.



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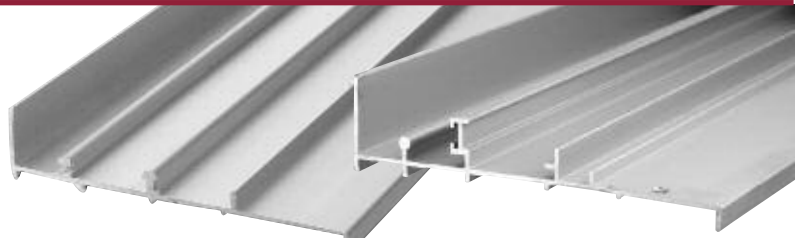
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CRL Patio Door Replacement Aluminum Thresholds

- Models to Replace Many OEM Thresholds
- Two Finishes in Two Stock Lengths

CRL offers extruded aluminum Patio Door Replacement Thresholds to match the original thresholds supplied by many door manufacturers. The most popular Thresholds are stocked in 6 and 8 foot (1.8 and 2.4 m) stock lengths, but we can also supply other models and lengths on special order. If you do not see what you need on these pages, please contact CRL Technical Sales, or send a sample of what you need and we will attempt to match it.



Clear Anodized and Duranodic Bronze finishes and lengths up to 24 feet (7.3 m) are available on special order. Remember, replacing the Threshold is always less expensive than replacing the entire door.

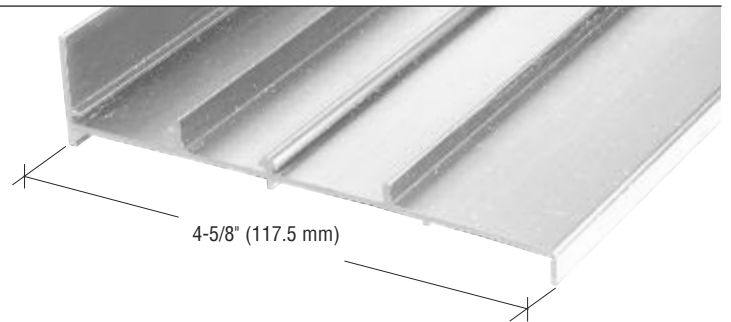
All Replacement Thresholds are supplied with a PVC Barrier Strip to protect against corrosion. See page 283W for PVC Barrier Strips and Threshold Caulking.

CRL 4-5/8" Aluminum Thresholds

- Fits Arcadia Doors

CAT. NO.	FINISH	LENGTH
TH601A	Clear Anodized	6' (1.8 m)
TH801A	Clear Anodized	8' (2.4 m)
TH601BRZ	Duranodic Bronze	6' (1.8 m)
TH801BRZ	Duranodic Bronze	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing. All stock Thresholds can ship via UPS at Oversize Rate.

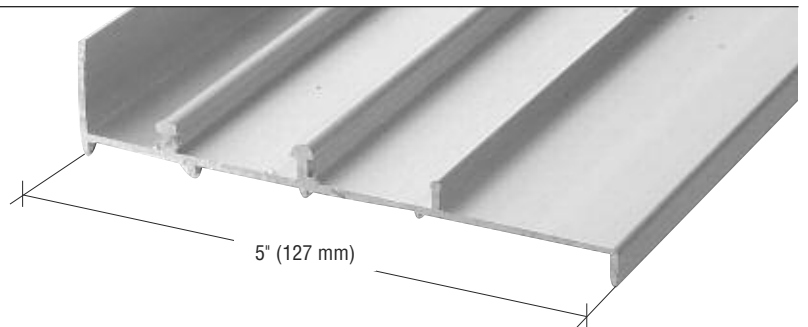


CRL 5" Aluminum Thresholds

- Fits Daryl Doors

CAT. NO.	FINISH	LENGTH
TH602A	Clear Anodized	6' (1.8 m)
TH802A	Clear Anodized	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing. All stock Thresholds can ship via UPS at Oversize Rate.

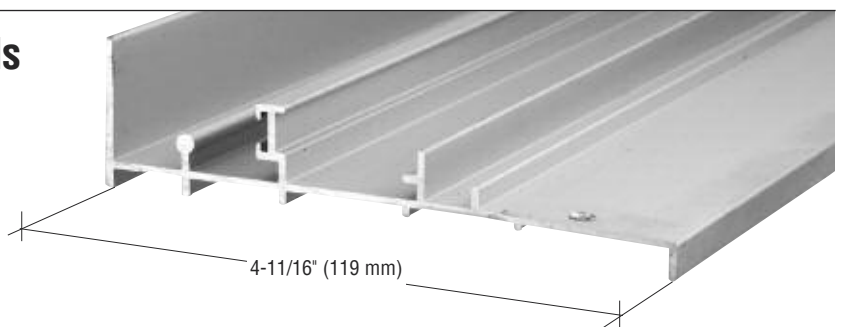


CRL 4-11/16" Aluminum Thresholds

- Fits Century and Elco Doors

CAT. NO.	FINISH	LENGTH
TH605A	Clear Anodized	6' (1.8 m)
TH805A	Clear Anodized	8' (2.4 m)
TH605BRZ	Duranodic Bronze	6' (1.8 m)
TH805BRZ	Duranodic Bronze	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing. All stock Thresholds can ship via UPS at Oversize Rate.

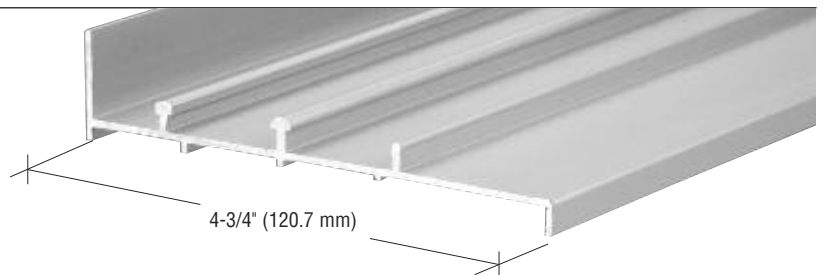


CRL 4-3/4" Aluminum Thresholds

- Fits Rolleze Doors

CAT. NO.	FINISH	LENGTH
TH608A	Clear Anodized	6' (1.8 m)
TH808A	Clear Anodized	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing. All stock Thresholds can ship via UPS at Oversize Rate.



CRL PATIO DOOR THRESHOLDS

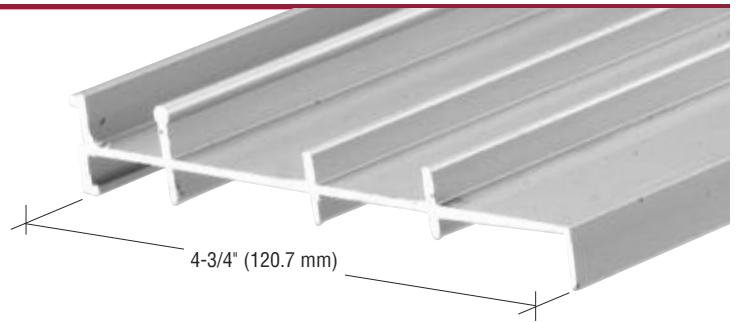
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CRL 4-3/4" Aluminum Thresholds

• Fits Premier Doors

CAT. NO.	FINISH	LENGTH
TH609A	Clear Anodized	6' (1.8 m)
TH809A	Clear Anodized	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing.
All stock Thresholds can ship via UPS at Oversize Rate.

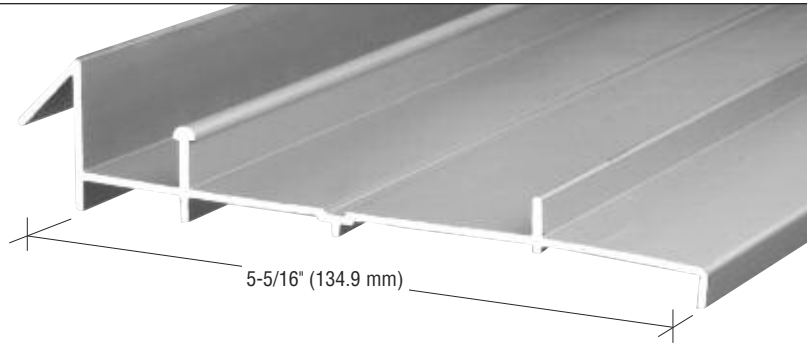


CRL 5-5/16" Aluminum Thresholds

• Fits Air Control Doors

CAT. NO.	FINISH	LENGTH
TH610A	Clear Anodized	6' (1.8 m)
TH810A	Clear Anodized	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing.
All stock Thresholds can ship via UPS at Oversize Rate.

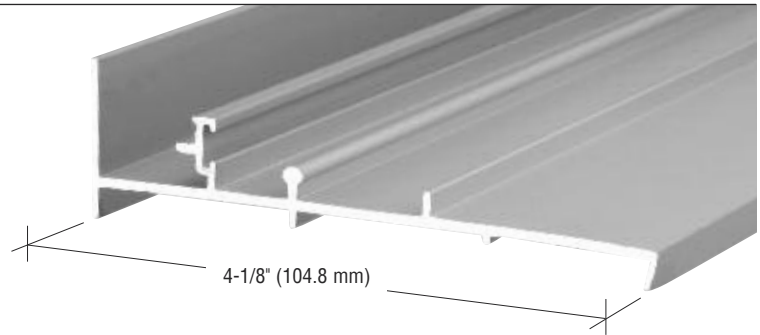


CRL 4-1/8" Aluminum Thresholds

• Fits Premier Doors

CAT. NO.	FINISH	LENGTH
TH611A	Clear Anodized	6' (1.8 m)
TH811A	Clear Anodized	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing.
All stock Thresholds can ship via UPS at Oversize Rate.

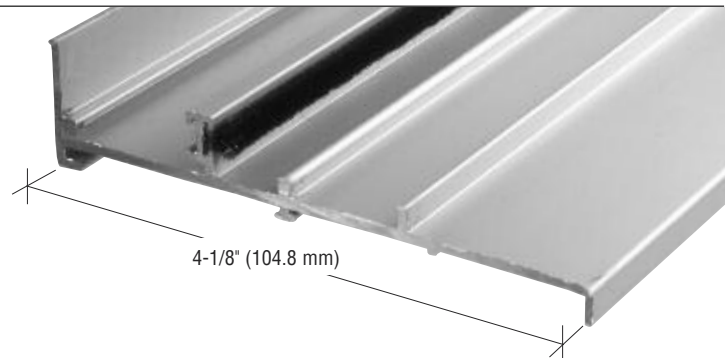


CRL 4-1/8" Aluminum Threshold

• Fits Premier and Elco Doors

CAT. NO.	FINISH	LENGTH
TH612A	Clear Anodized	6' (1.8 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing.
All stock Thresholds can ship via UPS at Oversize Rate.

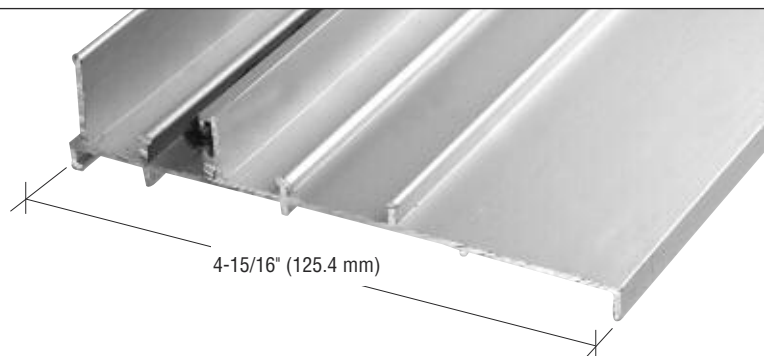


CRL 4-15/16" Aluminum Thresholds

• Fits Ador/HiLite Doors

CAT. NO.	FINISH	LENGTH
TH613A	Clear Anodized	6' (1.8 m)
TH813A	Clear Anodized	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing.
All stock Thresholds can ship via UPS at Oversize Rate.



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CRL PATIO DOOR THRESHOLDS

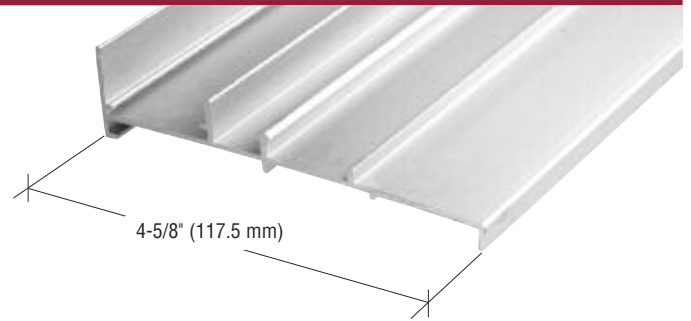
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CRL 4-5/8" Aluminum Thresholds

• Universal Threshold

CAT. NO.	FINISH	LENGTH
TH634A	Clear Anodized	6' (1.8 m)
TH834A	Clear Anodized	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing. All stock Thresholds can ship via UPS at Oversize Rate.

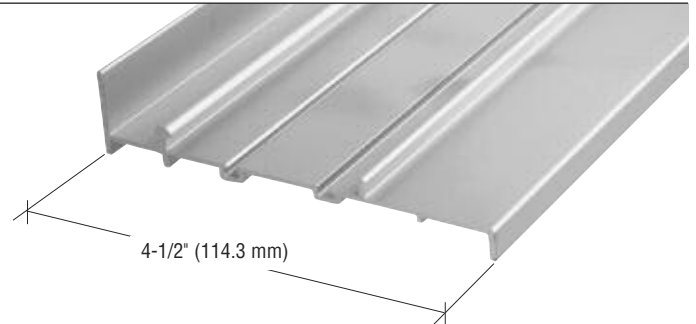


CRL 4-1/2" Aluminum Thresholds

• Universal Threshold

CAT. NO.	FINISH	LENGTH
TH643A	Clear Anodized	6' (1.8 m)
TH843A	Clear Anodized	8' (2.4 m)

Minimum order: 1 each. All Replacement Thresholds can be combined for quantity pricing. All stock Thresholds can ship via UPS at Oversize Rate.



CRL PVC Barrier Strip

CRL PVC Barrier Strip protects the aluminum threshold from moisture absorbed through the stucco finish of the exterior wall. 96" (2.4 m) Barrier Strip measures 4-3/8" (111.1 mm) wide, and must cover area in contact with stucco wall to provide protection to the aluminum.

CAT. NO.	FINISH	LENGTH
THBS8	Black	8' (2.4 m)

Minimum order: 1 each.



CRL TrimQuick Vinyl Window and Patio Door Casing

Our VL315W "L" Trim Vinyl can be used to cover old, damaged stucco on the base of patio doors. To make a fast waterproof sill pan, just use some pieces of our VL21W "L" Trim and our Z151W "Z" shape Trim Vinyl, as shown below. Very simple and convenient.



Apply VL21 "L" Shape with M66 Polyurethane Sealant



Fasten Sill Pan to Wall and Seal Seam



CAT. NO.	DESCRIPTION	SIZE	LENGTH	QTY/PKG
VL21W	White "L" Trim Vinyl	2" x 1" (50.8 x 25.4 mm)	12' (3.66 m)	5
Z151W	White "Z" Trim Sill Pan Vinyl	1" x 4-1/4" x 1" (25.4 x 108 x 25.4 mm)	12' (3.66 m)	5

Minimum order: 1 each. All CRL TrimQuick stock lengths can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined stock lengths. Stock lengths longer than 96" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL M66 Polyurethane Construction Sealant

• One-Part Moisture Curing

CRL No. M66 is a high performance one-part, moisture curing sealant that can be used for the installation of thresholds. Adheres to most common construction substrates without priming. Forms a watertight seal. Refer to page 857W for colors and specifications.



CRL 777 Butyl Rubber Sealant

• Excellent Adhesion

CRL Butyl Rubber Sealant is an excellent intermediate caulk. Easy to apply, and adheres readily to metals and masonry, so it can be used when installing thresholds. Refer to page 859W for colors and specifications.



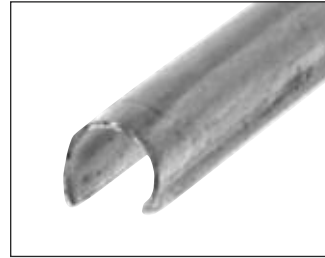
CRL PATIO DOOR THRESHOLDS

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CRL Stainless Steel Patio Door Sill Cover

- Repairs Damaged or Corroded Patio Door Rails
- Makes Doors Work as Good as New
- Easy to Install
- Available in Lengths From 6 to 10 Feet (1.8 to 3.0 m)

Repair damaged and corroded patio door rails with the easy to install CRL Sill Cover. Simply remove the door, place the Sill Cover over rail, and then re-install the door. Stainless Steel Sill Cover allows patio doors to roll smoothly and quietly again. Available in two sizes that fit just about any patio door rail.



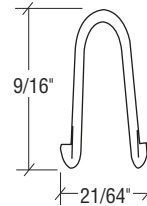
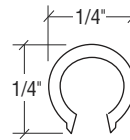
Small Sill Cover



Large Sill Cover

CAT. NO.	DESCRIPTION	LENGTH
6701A6	Small Sill Cover	6' (1.8 m)
6701A8	Small Sill Cover	8' (2.4 m)
6701A10	Small Sill Cover	*10' (3.0 m)
6702A8	Large Sill Cover	8' (2.4 m)
6702A10	Large Sill Cover	*10' (3.0 m)

Minimum order: 1 each. Sizes and lengths can be combined for quantity pricing. Packing charge added to orders of fewer than 10 combined lengths of Sill Cover. *10 Foot (3.0 meter) lengths must be shipped via common carrier.



CRL Screen Door Rails



There is no need to replace a complete threshold when only the screen door rail is damaged. CRL Screen Door Rails install quickly with rivets, screws or sealants. The rail is 15/16" (23.8 mm) wide and 5/16" (7.9 mm) tall at the top of the rail. We recommend using our Cat. No. M66GRY or 777GRY Sealants for this application (see pages 857W and 859W).

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
PLD1655	PLD1670	6' (1.8 m)
PLD1660	PLD1675	8' (2.4 m)
PLD1665	PLD1680	*10' (3.0 m)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Packing charge added to orders of fewer than 10 combined stock lengths. *10 Foot (3.0 m) Rails must be shipped via common carrier.

CRL Door Rails



Damaged glass door rails can be quickly and inexpensively replaced by using CRL Glass Door Replacement Rails. The aluminum rails are 15/16" (23.8 mm) wide and 5/16" (7.9 mm) tall at the top of the rail. You can install it with screws, rivets or sealants. We recommend either our Cat. No. M66GRY or 777GRY as a sealant for the application (see pages 857W and 859W).

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
PLD1654	PLD1669	6' (1.8 m)
PLD1659	PLD1674	8' (2.4 m)
PLD1664	PLD1679	*10' (3.0 m)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Packing charge added to orders of fewer than 10 combined stock lengths. *10 Foot (3.0 m) Rails must be shipped via common carrier.



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CRL Glass Door Handle Introduction and Selection Guide

Welcome to the greatly expanded Sliding Glass Door Handle section of the CRL83R Door and Window Hardware Catalog. This section of the catalog has been arranged by part categories to make it easier to review the over 200 handle models available. And in case you still don't see what you need, or have questions regarding functionality or compatibility of any stocked item, please contact CRL Customer Service. Get the answers you need on stocked parts, or take advantage of our Sample Matching Service (see page 244W) by sending in an old original part, faxing a drawing of what you need, or e-mailing a digital photo.



Flush Handle Sets
See pages 287W – 289W



Flush Handle Set Pulls
See page 290W



Internal Lock Handle Sets
See page 291W



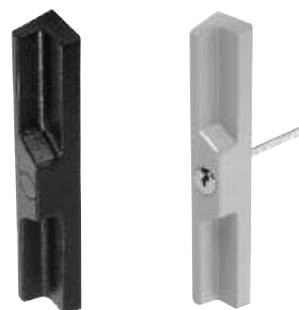
Hook Type Surface Mount Handles
See pages 292W – 295W



Clamp Type Handles
See pages 296W – 297W



Surface Mount Handles Used with Mortise Locks
See pages 298W – 302W



Outside Pulls
See pages 303W – 307W

Selecting Glass Door Handles and Pulls – Flush Handle Sets

Most Flush Handle Sets, such as Cat. No. C1045, come with an assortment of four locking hook lengths. Because so many door manufacturers have used this handle, all having various door stile widths and keeper types, the only way to adjust the closing tightness of the door jamb is to change the locking hook.



CAT. NO. C1045

Larger Flush Handle Sets, such as Cat. No's. C1030 and AR44300, operate mortise locks within the door stile. Be sure to pick replacement mortise locks having a 22-1/2 degree actuator slot. See Cat. No. AR18470 or AR18479 on page 308W.



CAT. NO. C1030

There are two common styles of latching hooks available. The hook on the most common style points upward, and is positioned lower in the latch (see Cat. No. C1043 on page 288W). The second type has the hook pointed down, and is positioned a bit higher in the latch body (see Cat. No. C1123 on page 287W). Both types are available, but not interchangeable.



CAT. NO. C1043



CAT. NO. C1123

Flush Handles fit a minimum door stile thickness of 1". However, one manufacturer made a door stile which was 7/8" thick. This door used a Flush Handle inside and a Surface Mounted Pull Outside. Today this Handle can be replaced with Cat. No. C1130, which has an 1/8" thick spacer ring to allow the Handle to tighten against the face of the door stile.



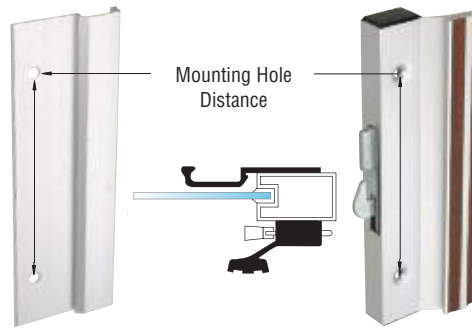
CAT. NO. C1130

Selecting Glass Door Handles and Pulls

Hook Type Surface Mounted Handle Sets

First measure the distance between the mounting holes, and then check the latching hook profile height. Measure from the face of the door to the underside of the hook. The most common is 3/8", as shown on Cat. No. C1000. Also available is Cat. No. C1003, with a 9/16" tall profile height (see page 292W).

Most handles of this type have reversible hook latches for left and right handing of the handle. Also, most handles can be modified to be key-operable from the outside when selecting one of our outside pull and key cylinder kits (see pages 303W-304W).



CAT. NO. C1000

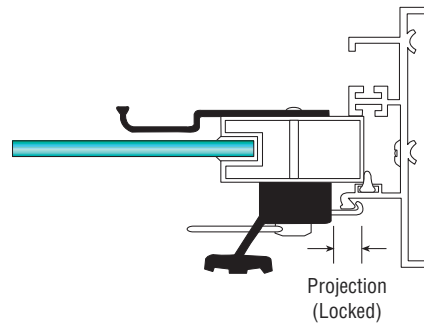


CAT. NO. C1003

Clamp Type Handle Sets

Clamp Type Handle Sets are most popular on aluminum frame doors manufactured in the Western United States.

When measuring for replacement, always compare the clamp profile while the clamp is in the locked position. Refer to the diagram at the right. Some clamps, such as Cat. No. C1077 (far right) have an extended clamp reach, while Cat. No. C1162 (see page 296W) has a flexible spring-loaded clamp that will accommodate taller jamb locking fins.



CAT. NO. C1077

Surface Mount Handle Sets for Use With Mortise Latches

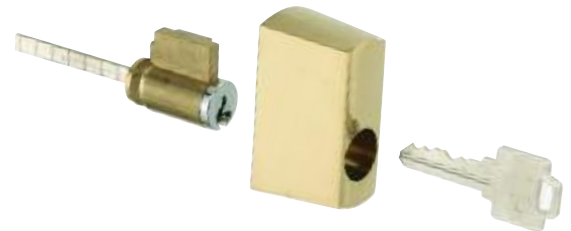
The thumb lever that actuates the mortise lock will either be centered on the handle or offset lower, which prevents fingers from bumping into the thumb lever. Nearly all of these Handles are reversible; refer to the product description for individual details.

Many exterior pulls can be modified to accept a key housing. Check the product description for reference to a specific key housing. Key Cylinder Housing Kits, such as the Cat. No. E2146 shown on the far right can be found on page 304W.

NOTE: Drilling or modifying the Handle for the purpose of adding a key cylinder housing is the responsibility of the installer, rendering the Handle non-returnable.



CAT. NO. C1174



CAT. NO. E2146

Outside Pulls and Key Cylinder Housings

Our most popular Outside Pull with Key Cylinder is the CRL Cat. No. C1041, which is also available non-keyed. See page 303W.

Outside pulls with key cylinders, such as our Cat. No. C1049 (see page 303W), have a key cylinder with a composite keyway cut. That means it will work with Kwikset, Weiser or Weslock key profiles. Schlage specific key cylinders are also available; see Cat. No. E2103 on page 313W.



CAT. NO. C1041



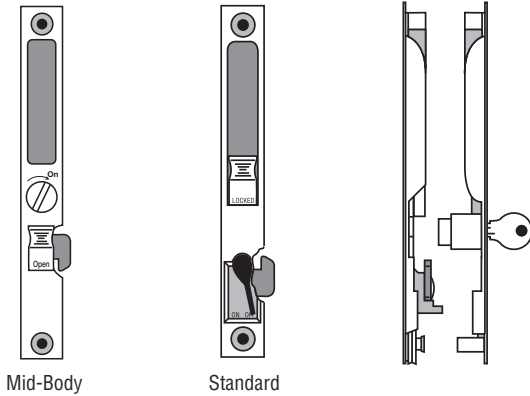
CAT. NO. E2103



CAT. NO. C1049

CRL Flush Mount Handle Sets

Hook Locations



Mid-Body

Standard

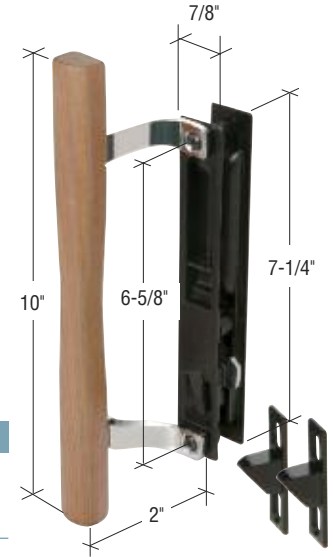
CRL Handle Set

Standard die cast Flush Latch in two finishes; wood Pull having chrome Pull brackets; fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast Keeper; has night latch feature.



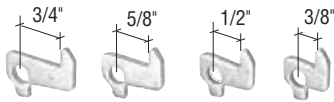
CAT. NO.	KEYED	FINISH	QTY/PKG
C1032	Yes	Black	1
C1148	No	Chrome	1
C1149	Yes	Chrome	1

Minimum order: 1 pack.



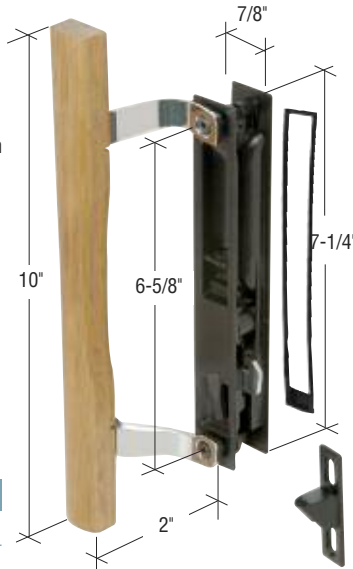
CRL Handle Set

Standard die cast Flush Latch; wood Pull Handle. All Flush Handles on this page fit a minimum door stile thickness of 1" (25 mm). The Croft Alum. 301 Series had a stile thickness of 7/8" (22 mm) to accommodate this door; an 1/8" (3 mm) thick plastic spacer has been added to this package.



CAT. NO.	KEYED	FINISH	QTY/PKG
C1130	No	Black	1

Minimum order: 1 pack.



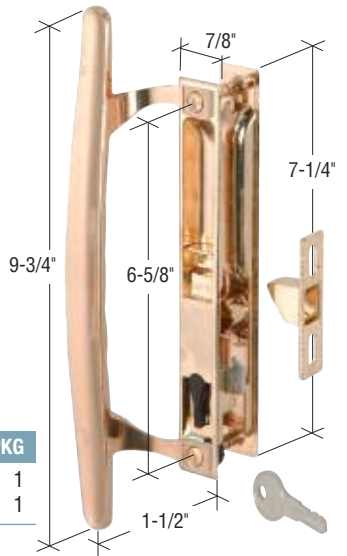
CRL Handle Set

Standard die cast Flush Latch; die cast Pull Handle; fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast Keeper; has night latch feature.



CAT. NO.	KEYED	FINISH	QTY/PKG
C1159	Yes	Brass Plated	1
C1197	Yes	White	1

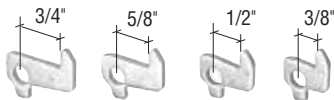
Minimum order: 1 pack.



CRL Handle Set

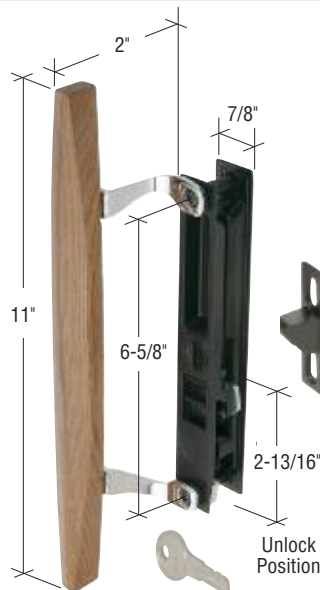
Mid-Body die cast Flush Latch; wood Pull Handle fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast Keeper; has night latch feature.

NOTE: A mid-body Latch has the hook pointed down, which is higher up on the body.



CAT. NO.	KEYED	FINISH	QTY/PKG
C1124	Yes	Black	1

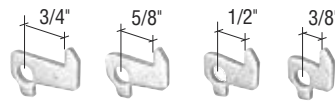
Minimum order: 1 pack.



CRL Handle Set

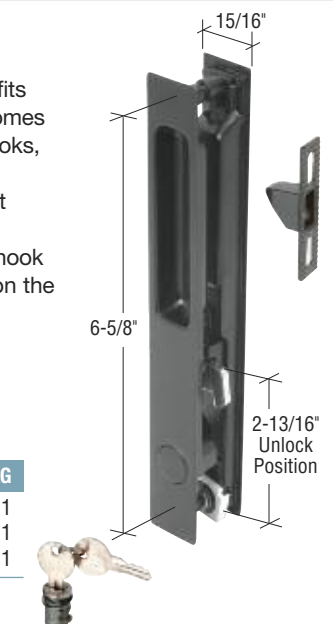
Mid-Body die cast Flush Latch; fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast Keeper; has night latch feature.

NOTE: A mid-body Latch has the hook pointed down, which is higher up on the body.



CAT. NO.	KEYED	FINISH	QTY/PKG
C1123	Yes	Black	1
C1134	Yes	Chrome	1
C1240	Yes	White	1

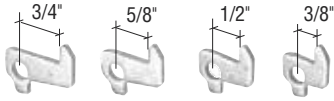
Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

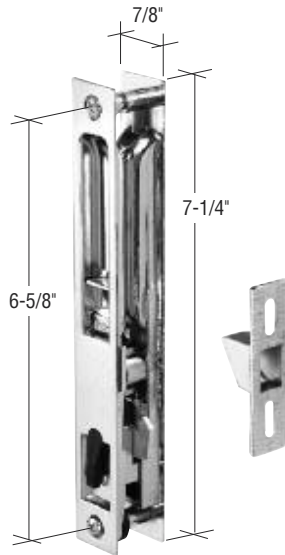
CRL Handle Set

Standard die cast Flush Latch; fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast Keeper; has night latch feature.



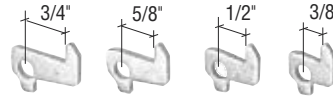
CAT. NO.	KEYED	FINISH	QTY/PKG
C1043	No	Black	1
C1045	No	Chrome	1
C1226	No	White	1

Minimum order: 1 pack.



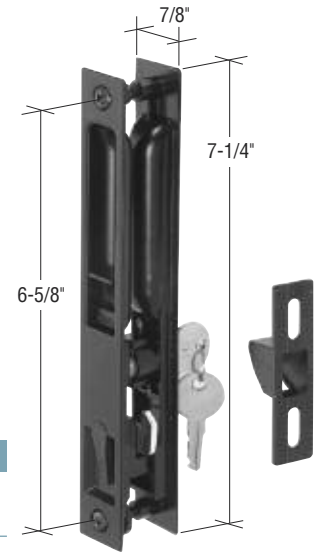
CRL Handle Set

Standard die cast Flush Latch; Key Cylinder fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast Keeper; has night latch feature.



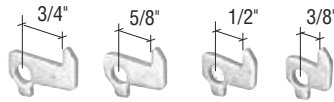
CAT. NO.	KEYED	FINISH	QTY/PKG
C1033	Yes	Black	1
C1129	Yes	White	1

Minimum order: 1 pack.



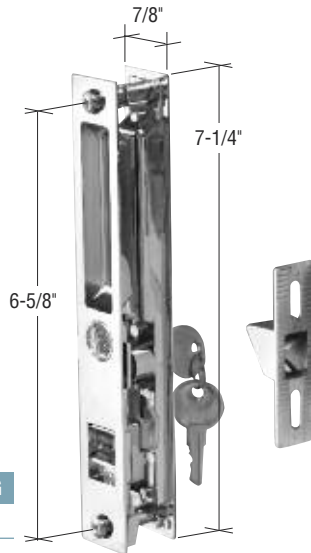
CRL Handle Set

Standard die cast Flush Latch; similar in function and size to Cat. No. C1033 on this page; Latch has a round turn type nite latch actuator, instead of the flipper style; four hook assortment; die cast Keeper, and two keys. Used by several door manufacturers.



CAT. NO.	KEYED	FINISH	QTY/PKG
C1076	Yes	Chrome	1

Minimum order: 1 pack.

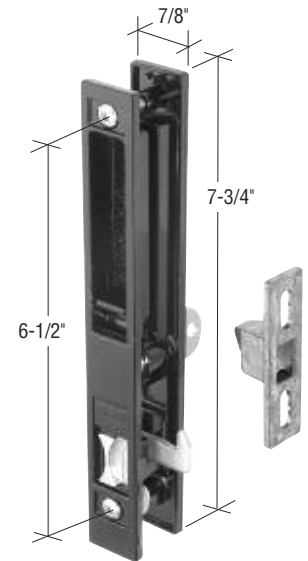


CRL Handle Set

Standard die cast Flush Latch with black finish has a chrome nite-lock slide switch; 3/4" (19 mm) hook; die cast Keeper; available with or without Key Cylinder; used by several door manufacturers.

CAT. NO.	KEYED	FINISH	QTY/PKG
AG4501	No	Black	1
AG4501K	Yes	Black	1

Minimum order: 1 pack.

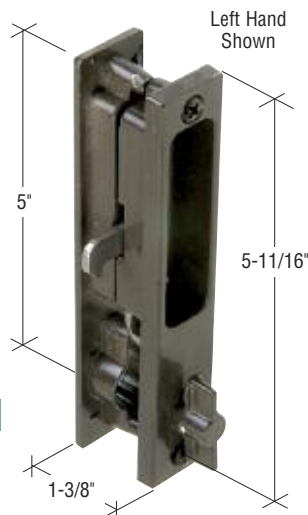


CRL Handle Set

Mid-body die cast Flush Latch; latch was designed exclusively for Fran Meyer doors; handing is not reversible; includes key cylinder and two keys. Optional Keeper available, see Cat. No. E2165 on page 321W.

CAT. NO.	HANDING	FINISH	QTY/PKG
C1171	Left	Aluminum	1
C1172	Right	Aluminum	1
C1089	Left	Bronze	1
C1090	Right	Bronze	1

Minimum order: 1 pack.

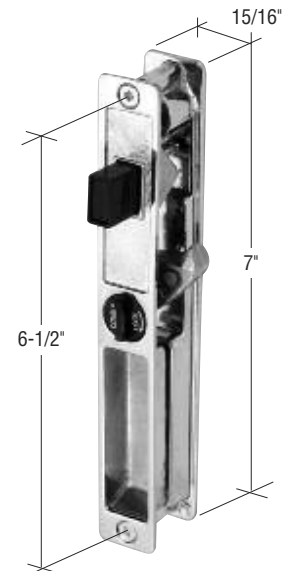


CRL Handle Set

Mid-body die cast Flush Latch; designed exclusively for Crossly doors; has a very thick die cast Latch Hook; operation of the Handle is done by pushing in on the plastic button; has night latch feature; optional Keeper available, see Cat. No. E2083 on page 320W.

CAT. NO.	KEYED	FINISH	QTY/PKG
C1074	Yes	Chrome	1
C1099	No	Chrome	1

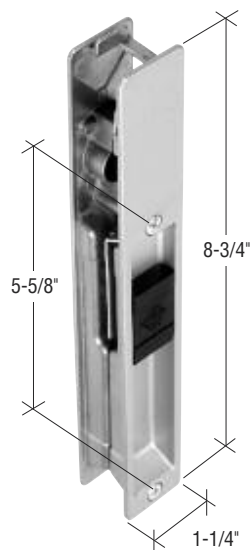
Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Handle Set

Die cast Flush Handle Set; fits door thicknesses from 1" to 1-3/8" (25 to 35 mm); handles for thicker doors can be special ordered; works with either Cat. No. AR18470 or AR18479 Mortise Locks found on page 308W.

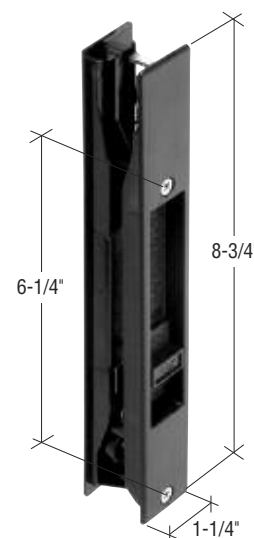


CAT. NO.	KEYED	FINISH	QTY/PKG
C1030	No	Aluminum	1
C1050	Yes	Aluminum	1

Minimum order: 1 pack.

CRL Handle Set

Molded ABS resin plastic Flush Handle Set; similar in size and function to the die cast Cat. No. C1030; ideal for corrosion resistance; fits door thicknesses from 1" to 1-5/16" (25 to 33 mm); handles for thicker doors can be special ordered; works with either Cat. No. AR18470 or AR18479 Mortise Locks found on page 308W.

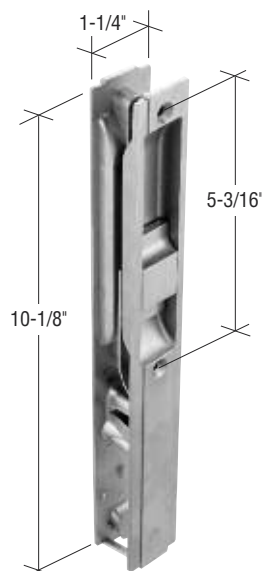


CAT. NO.	KEYED	FINISH	QTY/PKG
AR44300	No	Black	1
AR44310	Yes	Black	1

Minimum order: 1 pack.

CRL Handle Set

Die cast Flush Handle Set; designed for Daryl doors; works with either Cat. No. AR18470 or AR18479 Mortise Locks found on page 308W.

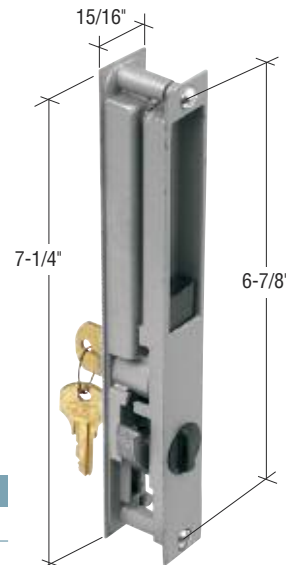


CAT. NO.	KEYED	FINISH	QTY/PKG
WCM1001	No	Aluminum	1

Minimum order: 1 pack.

CRL Handle Set

Die cast Flush Handle Set; designed for Daryl PR300 Series doors.

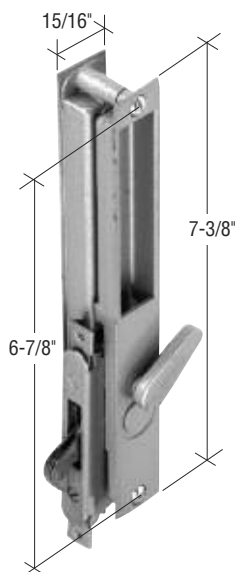


CAT. NO.	KEYED	FINISH	QTY/PKG
WCM940	Yes	Aluminum	1

Minimum order: 1 pack.

CRL Handle Set

Die cast Flush Handle Set; comes complete with a Cat. No. AR18470 type Mortise Lock (see page 308W). Other mortise locks are compatible with this handle; designed for doors made by Daryl.

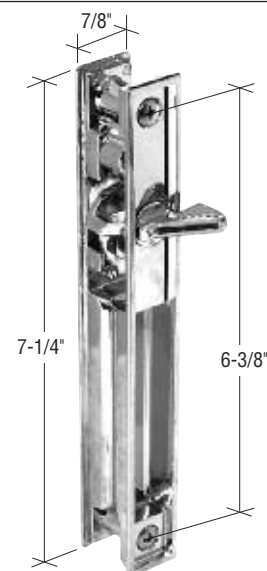


CAT. NO.	KEYED	FINISH	QTY/PKG
WCM2003	No	Aluminum	1

Minimum order: 1 pack.

CRL Handle Set

Die cast Flush Handle Set; designed for Miller doors (Mil-door).



CAT. NO.	KEYED	FINISH	QTY/PKG
C1086	No	Chrome	1

Minimum order: 1 pack.

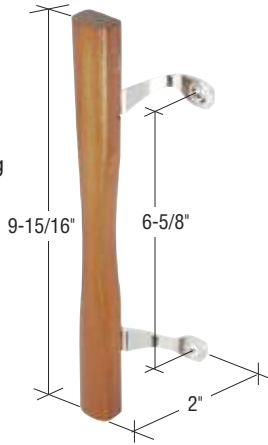
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CRL Pull

Hardwood pull handle with stained finish; die cast mounting brackets; used on flush handle sets with 6-5/8" hole centers.

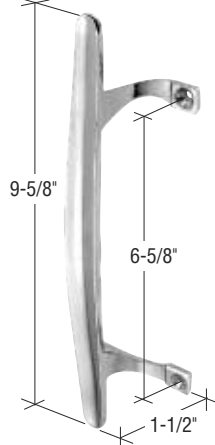


CAT. NO.	FINISH	QTY/PKG
C1034	Chrome	1
C1034B	Chrome	5
C1192	Black	1

Minimum order: 1 pack.

CRL Pull

Die cast pull handle; used on flush handle sets with 6-5/8" hole centers.

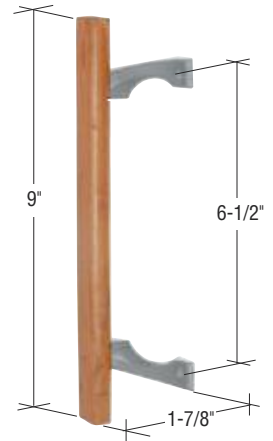


CAT. NO.	FINISH	QTY/PKG
C1067	Chrome	1
C1067B	Chrome	5
C1196	White	1

Minimum order: 1 pack.

CRL Pull

Hardwood pull handle with stained finish, mounted to a one piece die cast base; mounting holes have 6-1/2" hole centers.



CAT. NO.	FINISH	QTY/PKG
C1189	Gray	1
C1190	Black	1

Minimum order: 1 pack.

CRL Pull

Hardwood pull handle with stained finish; die cast mounting brackets; used on flush handle sets with 6-5/8" hole centers.

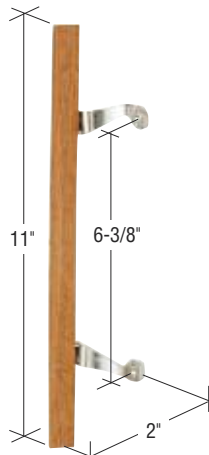


CAT. NO.	FINISH	QTY/PKG
C1069	Chrome	1
C1069B	Chrome	5

Minimum order: 1 pack.

CRL Pull

Hardwood pull handle with stained finish; die cast mounting brackets; used on flush handle sets with 6-3/8" hole centers.

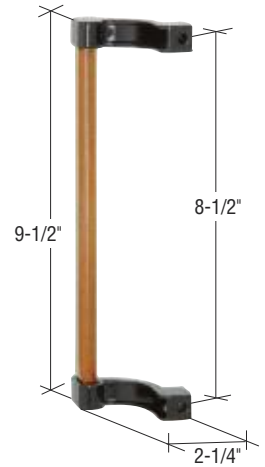


CAT. NO.	FINISH	QTY/PKG
C1220	Chrome	1

Minimum order: 1 pack.

CRL Pull

Hardwood pull handle with stained finish; die cast end cap style mounting brackets; this pull handle was designed exclusively for Capitol brand doors.

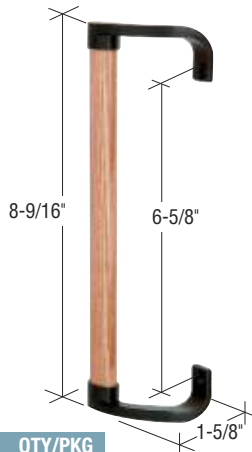


CAT. NO.	FINISH	QTY/PKG
C1166	Black	1

Minimum order: 1 pack.

CRL Pull

Hardwood pull handle with stained finish; die cast end cap style mounting brackets; used on flush handle sets with 6-5/8" hole centers.

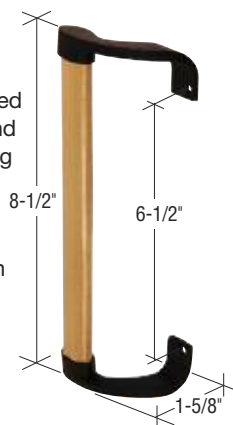


CAT. NO.	FINISH	QTY/PKG
C1182	Black	1
C1183	Chrome	1

Minimum order: 1 pack.

CRL Pull

Hardwood pull handle with stained finish; die cast end cap stile mounting brackets; used with Cat. No. C1074 and Cat. No. AG4501 flush handle sets.

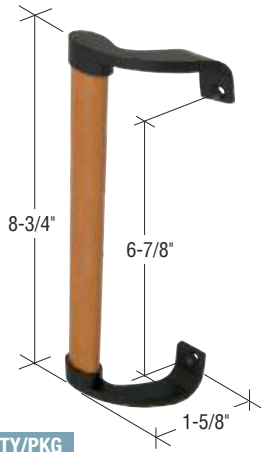


CAT. NO.	FINISH	QTY/PKG
C1068	Black	1
C1110	Gray	1

Minimum order: 1 pack.

CRL Pull

Hardwood pull handle with stained finish; die cast end cap style mounting brackets; used with Cat. No. C1098 and Cat. No. C1146 Daryl flush handle sets.



CAT. NO.	FINISH	QTY/PKG
C1038	Black	1
C1193	Gray	1

Minimum order: 1 pack.

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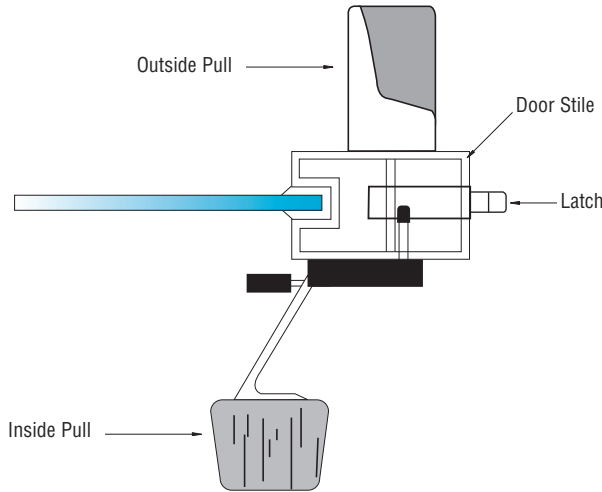
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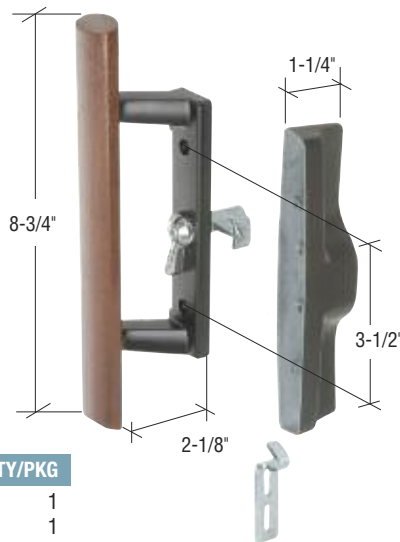
CRL Internal Lock Handle Sets



CRL Handle Set

Die cast Handle and Latch assembly with wood Pull; thumbturn and hold open spring are easily reversible for left or right handing; comes with a stamped steel Keeper; night latch feature; designed for Acorn brand doors.

new



CAT. NO.	KEYED	FINISH	QTY/PKG
C1095	No	Black	1
C1241	Yes	Black	1
C1194	No	White	1
C1242	No	Gray	1

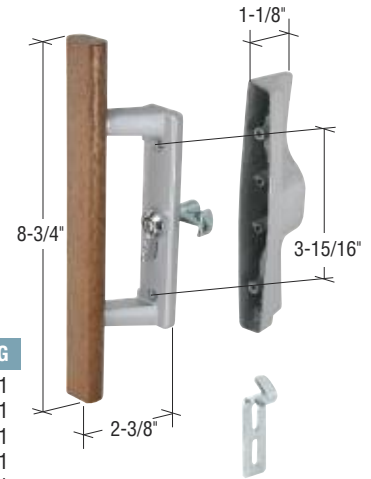
Minimum order: 1 pack.

CRL Handle Set

Die cast Handle and Latch assembly with wood Pull for 1" thick door frames; thumbturn and hold open spring are easily reversible for left or right handing; comes with stamped steel Keeper; night latch feature; different die cast latching cogs are available to accommodate thicker doors and wood doors.

CAT. NO.	KEYED	FINISH	QTY/PKG
C1018	No	Aluminum	1
C1064	Yes	Aluminum	1
C1107	No	Black	1
C1132	Yes	Black	1
C1195	No	White	1
C1200	Yes	White	1

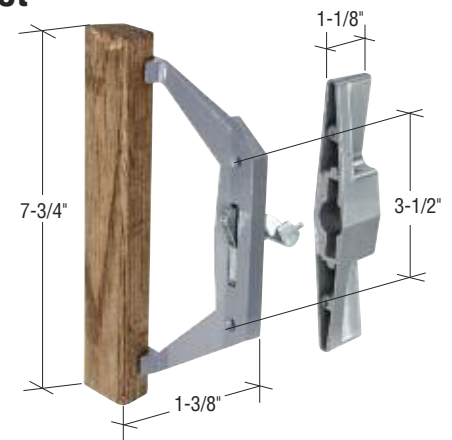
Minimum order: 1 pack.



CRL Handle Set

Die cast Handle and Latch assembly with wood Pull; designed for Burval and Trimview doors; now available with keyed lock.

new



CAT. NO.	KEYED	FINISH	QTY/PKG
C1025	No	Gray	1
C1211	Yes	Gray	1

Minimum order: 1 pack.

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CAT. NO.	NET WEIGHT	QTY/CASE
PR02	10.75 Oz. (305 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

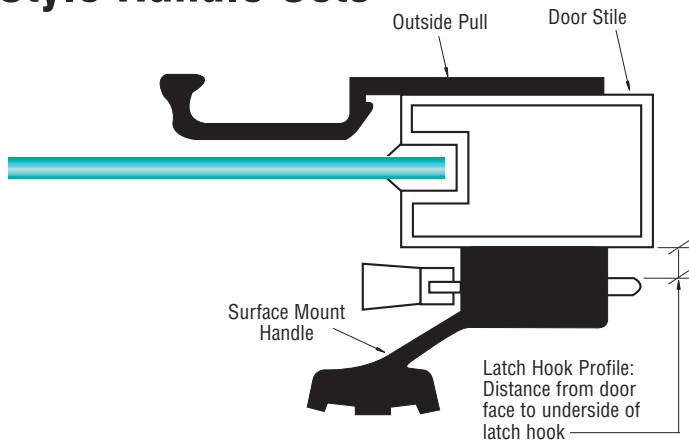


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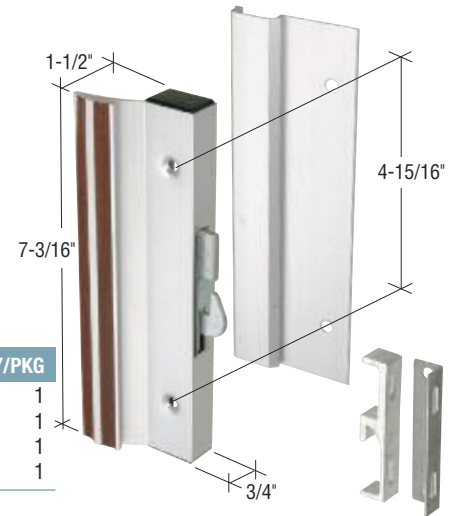
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CRL Surface Mounted Hook Style Handle Sets



CRL Handle Set

Extruded aluminum inside Latch and outside Pull; reversible internal Latch hook for left or right handing; includes Keeper; overall handle height is 1-1/2"; latch hook profile is 3/8"; used by several door manufacturers.

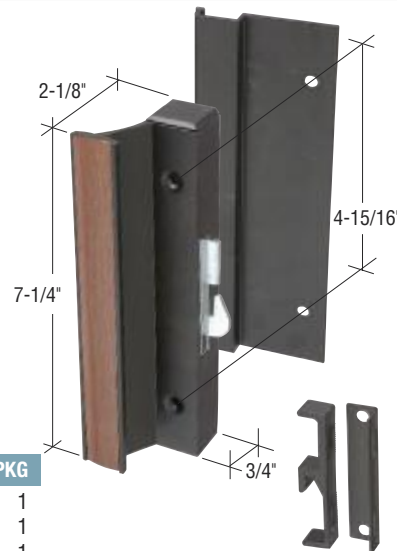


CAT. NO.	FINISH	QTY/PKG
C1000	Aluminum	1
C1001	Black	1
C1185	Bronze	1
C1203	White	1

Minimum order: 1 pack.

CRL Handle Set

High profile extruded aluminum inside Latch and outside Pull; reversible internal Latch hook for left or right handing; includes Keeper; latch hook profile is 9/16"; Cat. No. C1094 has a punched outside Pull for a Key Cylinder, which is included.

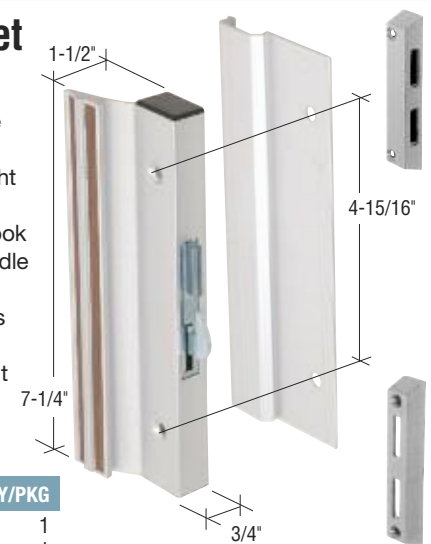


CAT. NO.	KEYED	FINISH	QTY/PKG
C1002	No	Aluminum	1
C1003	No	Black	1
C1094	Yes	Black	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Latch and outside Pull; reversible internal Latch hook for left or right handing; overall handle height is 1-1/2"; latch hook profile is 3/8"; same handle set as Cat. No. C1000, except package includes two stamped steel Keepers, one face mount and one side mount.

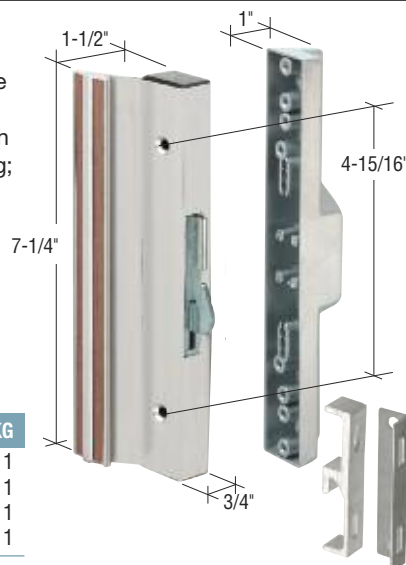


CAT. NO.	FINISH	QTY/PKG
C1070	Aluminum	1
C1071	Black	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Latch and die cast outside Pull; reversible internal Latch hook for left or right handing; includes Keeper; overall handle height is 1-1/2"; latch hook profile is 3/8"; same Handle as Cat. No. C1000, except package includes a raised outside Pull; used by several door manufacturers.

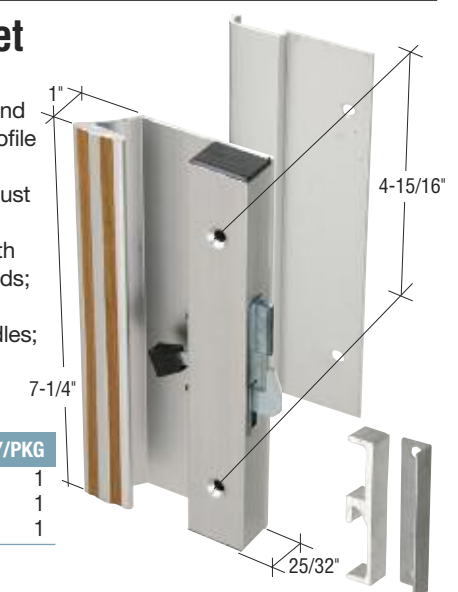


CAT. NO.	FINISH	QTY/PKG
C1198	Aluminum	1
C1125	Black	1
C1118	White	1
C1119	Almond	1

Minimum order: 1 pack.

CRL Handle Set

Low profile extruded aluminum inside Latch and outside Pull; very low profile Latch hook style Handle has an overall height of just 1"; latch hook profile is 7/16"; ideal for doors with vertical or horizontal blinds; will interchange with all popular latch hook Handles; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
C1004	Aluminum	1
C1007	Black	1
C1191	White	1

Minimum order: 1 pack.

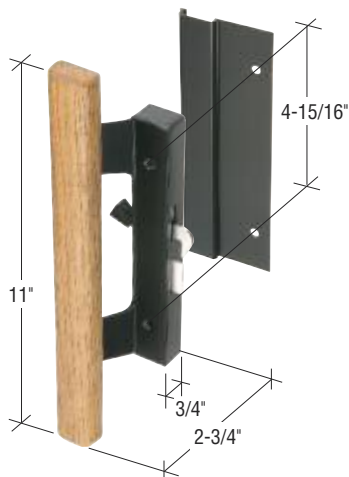
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CRL Handle Set

High profile extruded aluminum inside Latch with wood Pull; extruded aluminum outside pull; reversible internal latch hook for left or right handing; latch hook profile is 3/8"; package includes two stamped steel Keepers, one face mount and one side mount.

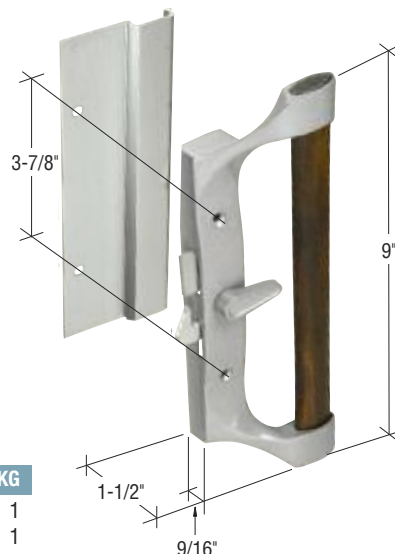


CAT. NO.	FINISH	QTY/PKG
C1060	Aluminum	1
C1061	Black	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside Latch with wood Pull; extruded aluminum outside Pull; includes keeper; reversible internal latch hook for left or right handing; designed for Sears doors.

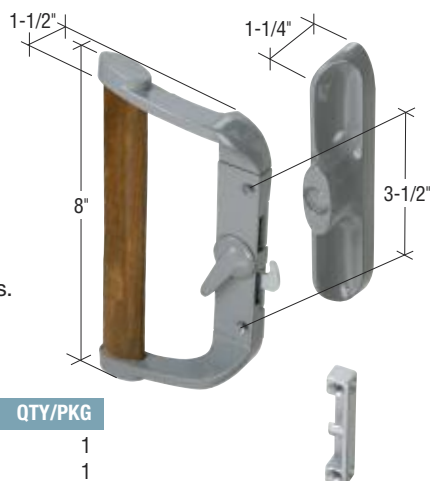


CAT. NO.	FINISH	QTY/PKG
C1020	Aluminum	1
C1021	Bronze	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside Latch with wood Pull; extruded aluminum outside Pull; includes two way Keeper; non-reversible latch hook, however, Handle can be turned hook up or down for handing; used by several door manufacturers.

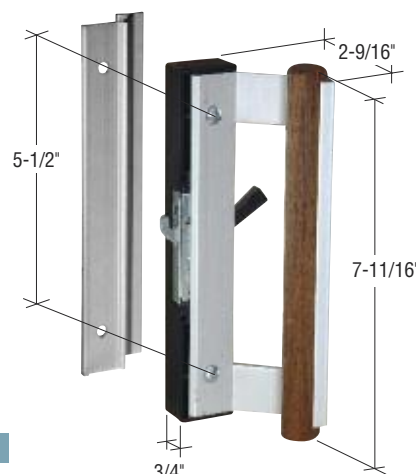


CAT. NO.	KEYED	FINISH	QTY/PKG
C1016	No	Aluminum	1
C1017	Yes	Aluminum	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Latch with wood Pull and plastic Base; extruded aluminum outside Pull; reversible internal latch hook for left or right handing; designed by Adams Rite and used by several door manufacturers.

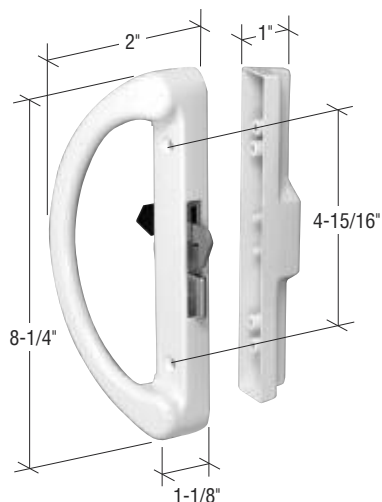


CAT. NO.	FINISH	QTY/PKG
C1093	Aluminum	1

Minimum order: 1 pack.

CRL Handle Set

Die cast Handle and Latch assembly; die cast outside Pull; reversible internal latch hook for left or right handing.

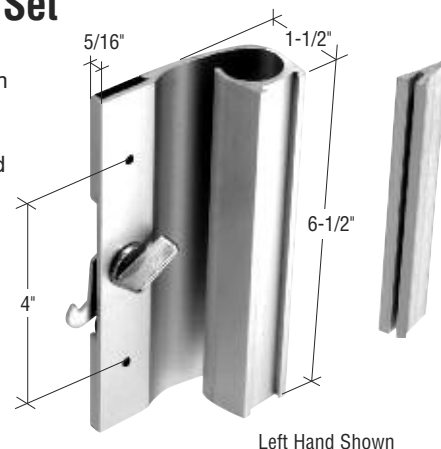


CAT. NO.	FINISH	QTY/PKG
C1252	Black	1
C1253	White	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum Latch and Pull; extruded aluminum outside Pull; stamped steel latch hook; designed for Premier doors.



CAT. NO.	HANDING	FINISH	QTY/PKG
C1052	Left	Aluminum	1
C1059	Right	Aluminum	1

Minimum order: 1 pack.

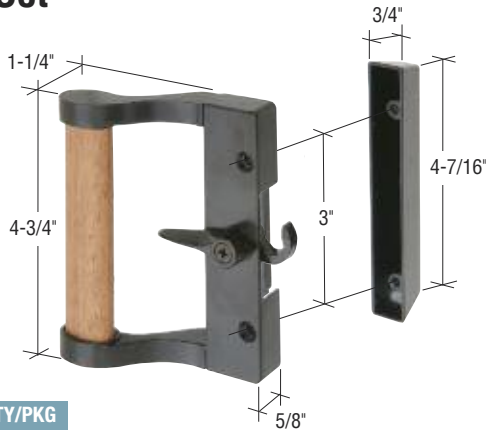
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CRL Handle Set

Die cast inside Latch with wood Pull; die cast outside Pull; designed for Fullview doors.



CAT. NO.	FINISH	QTY/PKG
C1023	Aluminum	1
C1024	Black	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside Latch with wood Pull; extruded aluminum outside Pull; reversible internal latch hook for left or right handing; designed for Cupples doors.

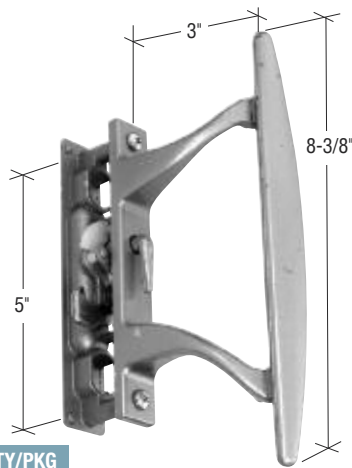


CAT. NO.	FINISH	QTY/PKG
C1048	Aluminum	1
C1084	Black	1

Minimum order: 1 pack.

CRL Handle Set

Die cast Latch Handle and Pull; die cast outside Pull; designed for Tucker doors.



Left Hand Shown

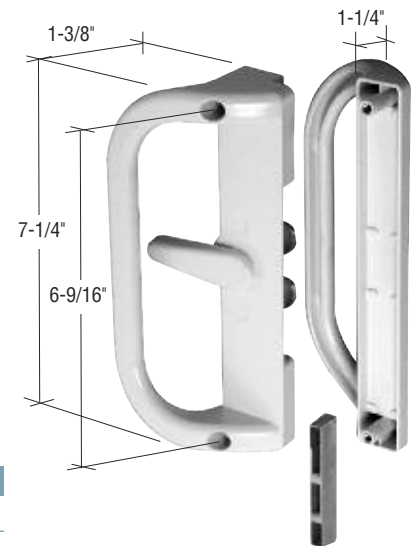
CAT. NO.	HANDING	FINISH	QTY/PKG
C1065	Left	Aluminum	1
C1066	Right	Aluminum	1

Minimum order: 1 pack.

CRL Handle Set

• Popular in Canada

Die cast Inside Handle and Outside Pull has dual stamped steel latching hooks. **NOTE:** Original Handle design had a vertical actuator slide. This new style with thumbturn replaces the original. Includes Keeper. Optional Outside Pull with Key Cylinder is available Cat. No. C1254.



CAT. NO.	FINISH	QTY/PKG
C1221	White	1

Minimum order: 1 pack.

CRL Handle Set

• Reverse Clamp

Extruded aluminum inside Latch with wood Pull; reverse clamp; flat outside Pull Plate; handle is operated by a plastic slide on top of the base; non-handed; designed for Window Master doors.

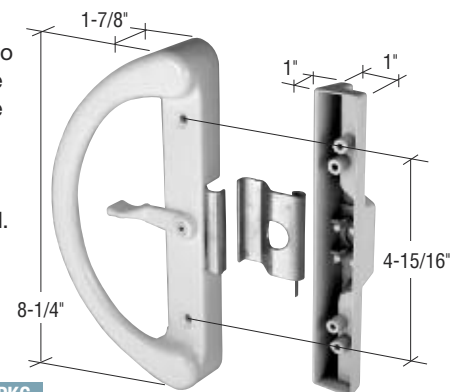


CAT. NO.	FINISH	QTY/PKG
C1238	Black	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside Latch; die cast outside Pull; two sizes of interchangeable clamps; this clamp style latch was designed to meet or exceed the 850 pound forced entry pull test; no Keeper required.



CAT. NO.	FINISH	QTY/PKG
C1222	Black	1
C1223	White	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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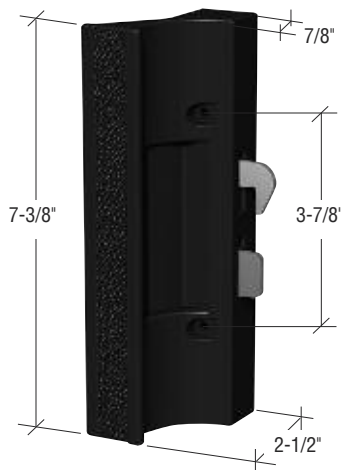
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CRL Handle Set

• Popular in Canada

Inside Pull and Latch Only is molded from high impact polycarbonate plastic with a steel latch hook.

NOTE: Does not include outside Pull or Screws.



CAT. NO.	FINISH	QTY/PKG
V319ABL	Black	1

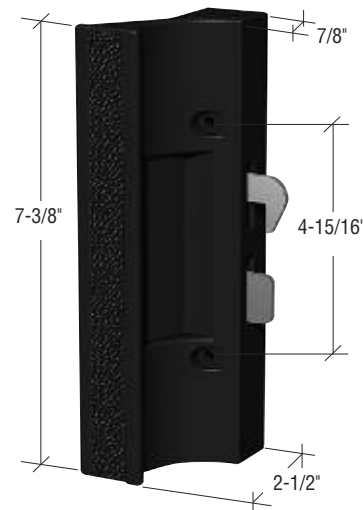
Minimum order: 1 pack.

CRL Handle Set

• Popular in Canada

Inside Pull and Latch Only is molded from high impact polycarbonate plastic with a steel latch hook.

NOTE: Does not include outside Pull or Screws.



CAT. NO.	FINISH	QTY/PKG
C1216	Black	1

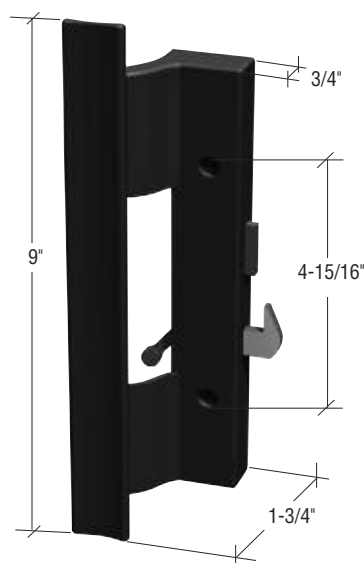
Minimum order: 1 pack.

CRL Handle Set

• Popular in Canada

Inside Pull and Latch Only is molded from high impact polycarbonate plastic with a steel latch hook.

NOTE: Does not include outside Pull or Screws.



CAT. NO.	FINISH	QTY/PKG
V320	Black	1

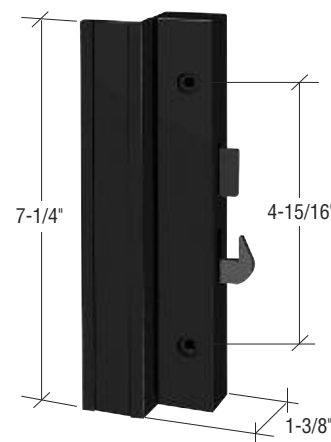
Minimum order: 1 pack.

CRL Handle Set

• Popular in Canada

Inside Pull and Latch Only is molded from high impact polycarbonate plastic with a steel latch hook.

NOTE: Does not include outside Pull or Screws.



CAT. NO.	FINISH	QTY/PKG
V321	Black	1

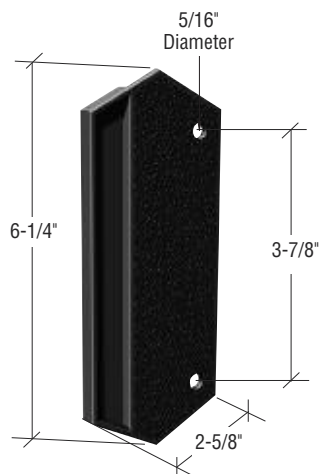
Minimum order: 1 pack.

CRL Pull Handle

• Popular in Canada

Outside Pull Handle is molded from high impact polycarbonate plastic.

NOTE: Does not include inside Pull or Screws.



CAT. NO.	FINISH	QTY/PKG
V312A	Black	1

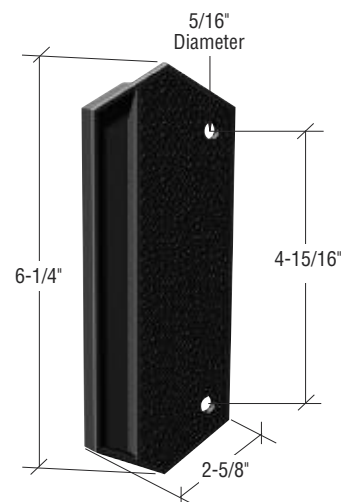
Minimum order: 1 pack.

CRL Pull Handle

• Popular in Canada

Outside Pull Handle is molded from high impact polycarbonate plastic.

NOTE: Does not include inside Pull or Screws.

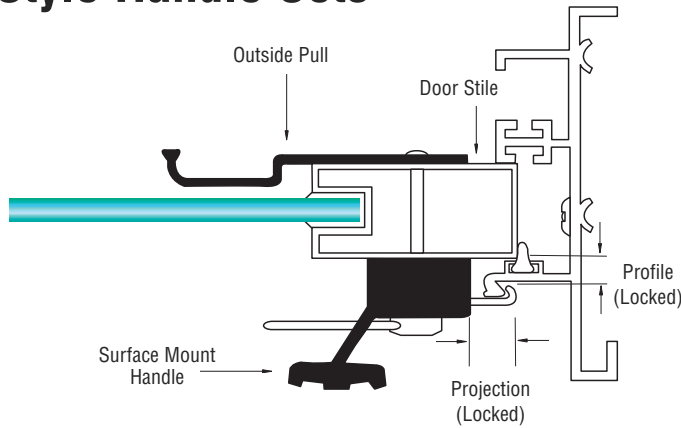


CAT. NO.	FINISH	QTY/PKG
V312B	Black	1

Minimum order: 1 pack.

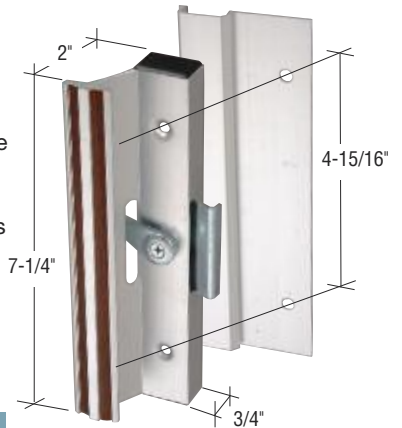
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Surface Mounted Clamp Style Handle Sets



CRL Handle Set

Extruded aluminum inside Latch; extruded aluminum outside Pull; stamped steel clamp that flips down to engage door jamb; no Keeper required; clamp profile is 1/4"; clamp projection is 1/2" when clamp is in the locked position; used by several door manufacturers.

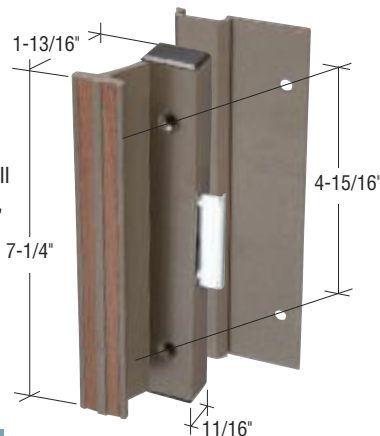


CAT. NO.	FINISH	QTY/PKG
C1005	Aluminum	1
C1006	Black	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Latch; extruded aluminum outside Pull; similar in style to Cat. No. C1005, but clamp is activated with a black plastic vertical slide underneath the Pull Handle; clamp is spring-loaded, allowing 1/8" play in clamp profile height when locked.

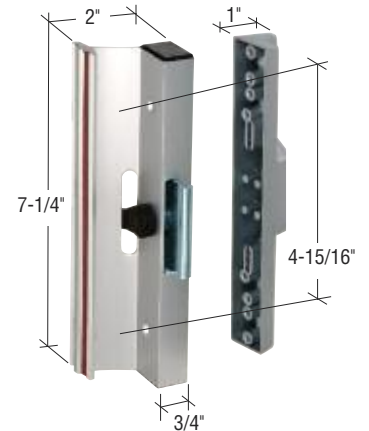


CAT. NO.	FINISH	QTY/PKG
C1162	Aluminum	1
C1163	Bronze	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Latch; die cast outside Pull; stamped steel clamp that flips down to engage door jamb; no Keeper required; clamp profile is 1/4"; clamp projection is 1/2" when clamp is in the locked position; used by several door manufacturers.



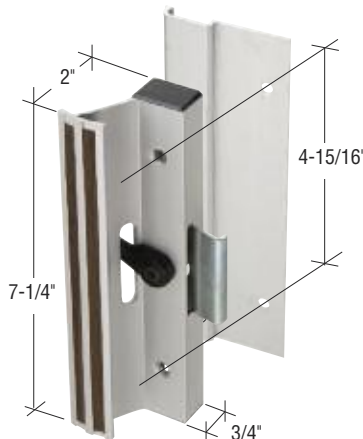
CAT. NO.	FINISH	QTY/PKG
C1248	Aluminum	1
C1106	Black	1
C1116	White	1

Minimum order: 1 pack.

CRL Handle Set

• Long Clamp

Extruded aluminum inside Latch; extruded aluminum outside Pull; no Keeper required; stamped steel clamp has a special 11/16" long projection and the profile is 3/16" when clamp is in the locked position; designed for Lupton and Rolleze doors.



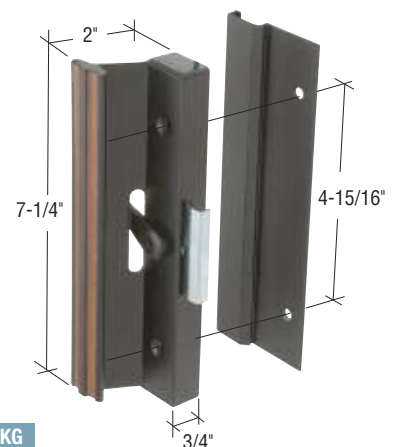
CAT. NO.	FINISH	QTY/PKG
C1077	Aluminum	1
C1078	Black	1

Minimum order: 1 pack.

CRL Handle Set

• Bent Clamp

Extruded aluminum inside Latch; extruded aluminum outside Pull; no Keeper required; special formed stamped steel clamp; profile in locked position is only 1/8" and unlocked is 5/16"; modified for use on early Look and Rusco-HiLite doors manufactured in the southeast.



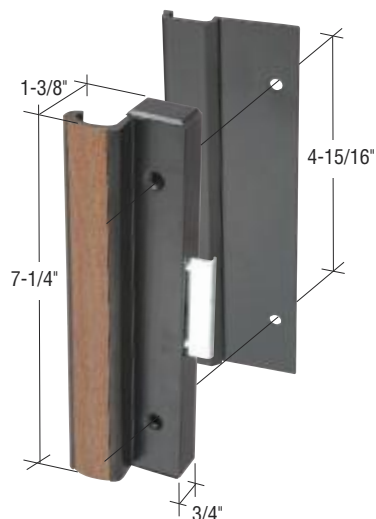
CAT. NO.	FINISH	QTY/PKG
C1244	Black	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Handle Set

Extruded aluminum inside Latch; extruded aluminum outside Pull; stamped steel clamp that flips down to engage door jamb; no Keeper required; clamp profile is 1/4"; clamp projection is 1/2" when clamp is in the locked position; design is ideal for replacing older style handles used by Northrup Architectural.

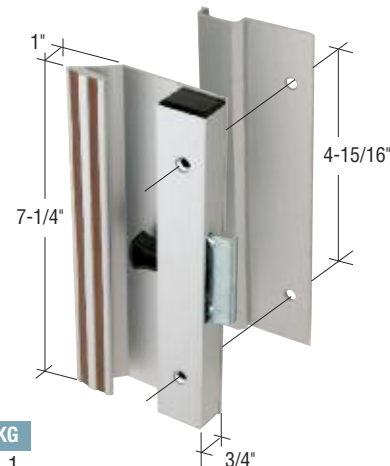


CAT. NO.	FINISH	QTY/PKG
C1027	Black	1

Minimum order: 1 pack.

CRL Handle Set

Low profile extruded aluminum inside Latch; extruded aluminum outside Pull; very low profile clamp style Handle has an overall height of just 1"; ideal for doors with vertical blinds; clamp profile is 1/4"; clamp projection is 1/2"; will interchange with most standard clamp style Handles; used by several door manufacturers.

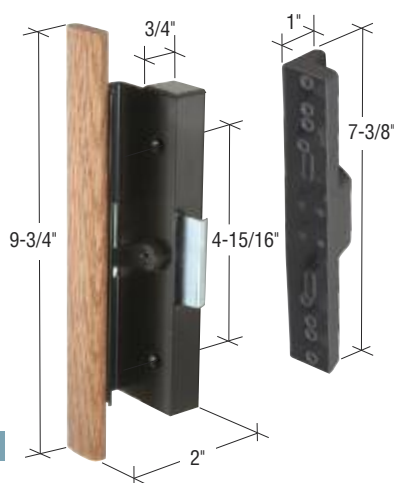


CAT. NO.	FINISH	QTY/PKG
C1249	Aluminum	1
C1250	Black	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Latch; die cast outside Pull; stamped steel clamp that flips down to engage door jamb; no Keeper required; clamp profile is 3/8"; clamp projection is 1/2" when clamp is in the locked position; used by several door manufacturers.

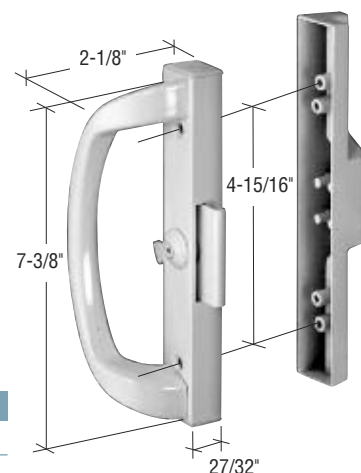


CAT. NO.	FINISH	QTY/PKG
C1126	Black	1

Minimum order: 1 pack.

CRL Handle Set

Die cast Pull Handle; extruded aluminum inside Latch base; die cast outside Pull; stamped steel clamp that flips down to engage door jamb; no Keeper required; clamp profile is 1/4"; clamp projection is 1/2" when clamp is in the locked position.



CAT. NO.	FINISH	QTY/PKG
C1263	White	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Latch; die cast outside Pull; unique extruded aluminum saw tooth style clamp locks door automatically when clamp is in the locked position and the door is closed; designed for 950 Series dual glazed International doors.



CAT. NO.	FINISH	QTY/PKG
C1201	Black	1
C1202	White	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Latch; extruded aluminum outside Pull; unique extruded aluminum saw-tooth style clamp locks door automatically when clamp is in the locked position and the door is closed; designed for 900 Series single glazed International doors.

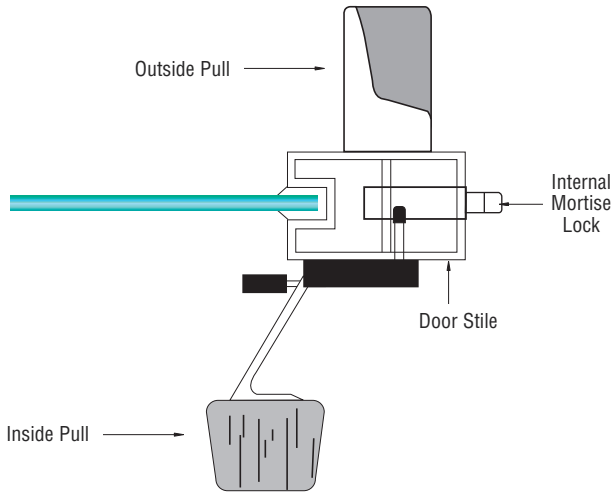


CAT. NO.	FINISH	QTY/PKG
C1055	Aluminum	1
C1073	Black	1
C1206	White	1

Minimum order: 1 pack.

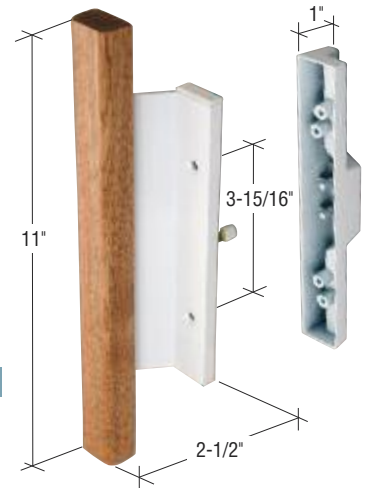
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Mortise Style Handle Sets



CRL Handle Set

Extruded aluminum high profile inside Handle assembly; die cast outside Pull; stamped steel thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.

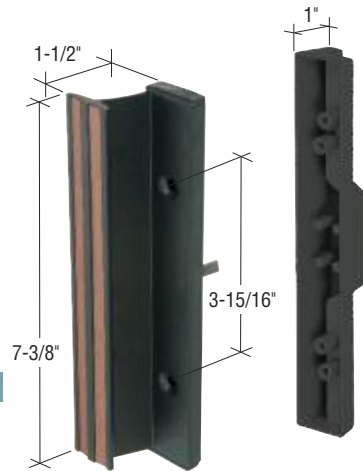


CAT. NO.	FINISH	QTY/PKG
C1019	Aluminum	1
C1091	Black	1
C1173	Bronze	1
C1210	White	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Handle; die cast outside Pull; stamped steel thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.

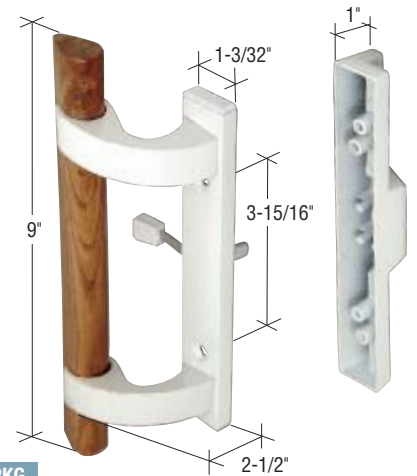


CAT. NO.	FINISH	QTY/PKG
C1058	Black	1
C1111	White	1
C1112	Almond*	1

Minimum order: 1 pack.
* Does not include wood inserts.

CRL Handle Set

Extruded aluminum inside Handle with wood Pull; die cast outside Pull; stamped steel thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.

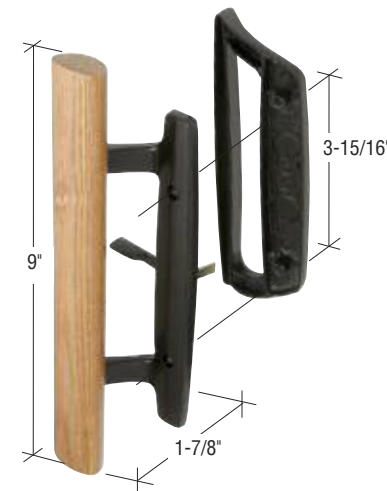


CAT. NO.	FINISH	QTY/PKG
C1128	White	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside Handle with wood Pull; die cast outside Pull; die cast and stamped steel thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
C1131	Black	1
C1204	White	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside Handle with wood Pull; die cast outside Pull; non-handed; stamped steel thumbturn Mortise Latch activator; used by several door manufacturers.



new

CAT. NO.	FINISH	KEYED	QTY/PKG
C1313	Black	No	1
C1314	Black	Yes	1
C1315	White	No	1
C1316	White	Yes	1

Minimum order: 1 pack.

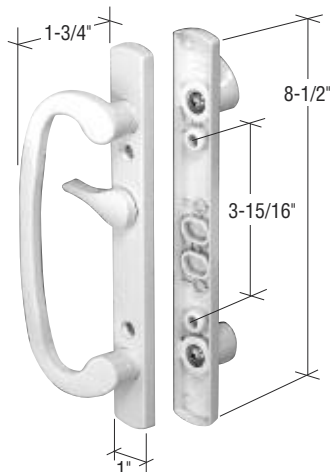
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Handle Set

Die cast inside and outside Handle assembly; fits most mortise lock systems; non-handed; can be adapted for use with Cat. No. E2145 external Key Cylinder on page 304W. **NOTE:** Thumbturn is offset from the center.

CAT. NO.	FINISH	QTY/PKG
C1280	White	1
C1281	Bronze	1
C1282	Satin Nickel	1
C1283	Brass Plated	1

Minimum order: 1 pack.

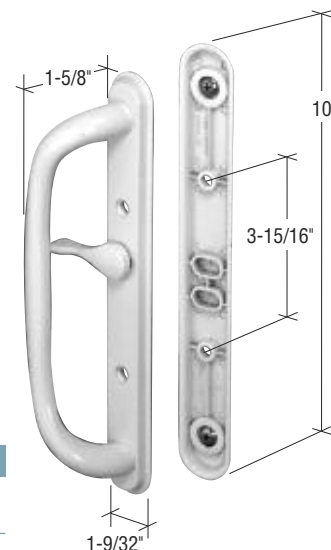


CRL Handle Set

Die cast inside and outside Handle assembly; fits most mortise lock systems; non-handed; keyed version has a precast key cylinder housing; includes Key Cylinder.

CAT. NO.	KEYED	FINISH	QTY/PKG
C1288	No	White	1
C1289	Yes	White	1

Minimum order: 1 pack.



CRL Handle Set

Die cast inside and outside Handle assembly; fits most mortise lock systems; non-handed. This handle can be adapted for use with the Cat. No. E2145 external Key Cylinder on page 304W.

NOTE: Thumbturn is offset from the center.

CAT. NO.	FINISH	QTY/PKG
C1284	White	1
C1285	Bronze	1
C1286	Satin Nickel	1
C1287	Brass Plated	1

Minimum order: 1 pack.



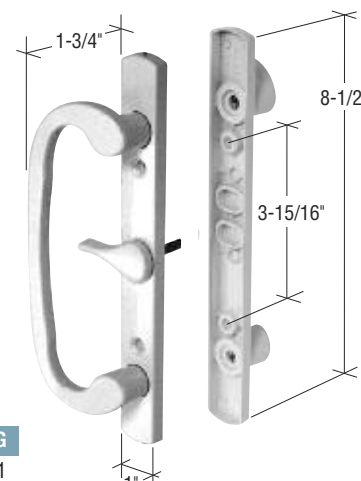
CRL Handle Set

Die cast inside and outside Pull. It is designed to be used with the Cat. No. E2145 external Key Cylinder. It is surface mounted and has a removable knock-out plug for adding a key cylinder. Thumbturn is centered between the mounting holes.

new

CAT. NO.	FINISH	QTY/PKG
C1317	White	1

Minimum order: 1 pack.

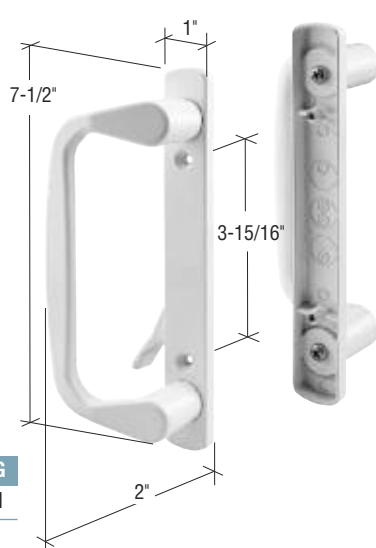


CRL Handle Set

Die cast inside Handle; die cast outside Pull; thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers. This Handle can be adapted for use with Cat. No. E2677 external Key Cylinder.

CAT. NO.	FINISH	QTY/PKG
C1178	White	1

Minimum order: 1 pack.



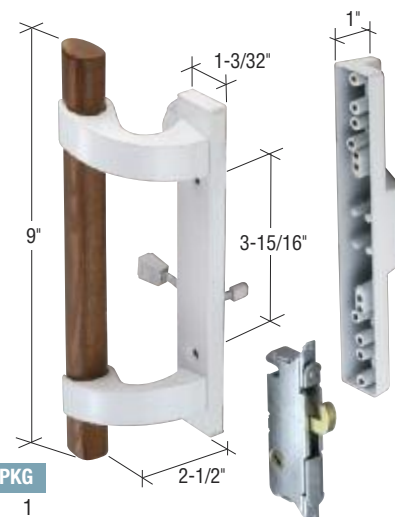
CRL Handle Set

The outside Pull is a raised die cast body; can be modified to accept an optional key cylinder; complete with Cat. No. E2014 Mortise Latch; Mounting fasteners are included; used by several door manufacturers.

new

CAT. NO.	FINISH	QTY/PKG
C1219	White	1

Minimum order: 1 pack.



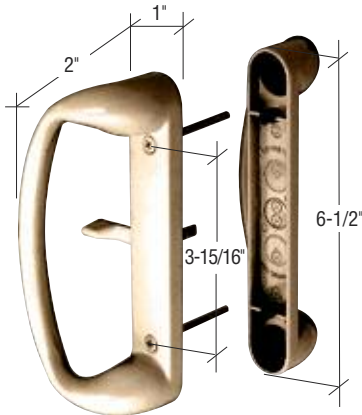
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CRL Handle Set

Die cast inside Handle; die cast outside Pull; thumbturn; for use with Cat. No. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; handle can be adapted for use with an external key cylinder, see Cat. No. E2680 or E2677 on page 313W. Used by several door manufacturers.

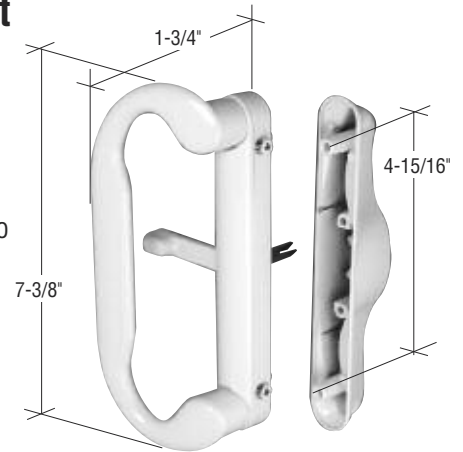


CAT. NO.	FINISH	QTY/PKG
C1174	Brass Plated	1
C1176	White	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside and outside Handle assembly with thumb lever; 7/32" square drive; reversible handle; white powder coated finish; mortise style; uses Cat. No. E2000 to keylock; fits Cat. No. E2192 dual point Lock.

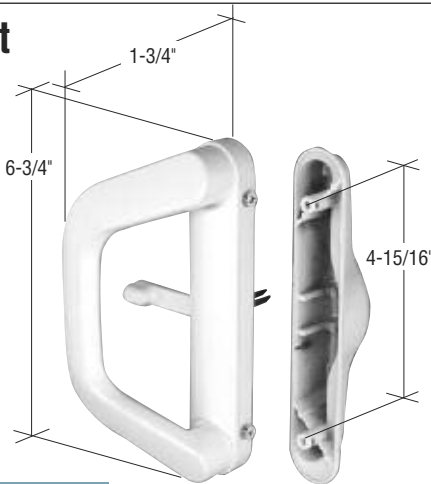


CAT. NO.	FINISH	QTY/PKG
C1277	White	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside and outside Pull with thumb lever; 7/32" square drive; non-handed; white powder coated finish; mortise style; uses Cat. No. E2000 to keylock; fits Cat. No. E2192 dual point Lock; works with Cat. No. HA0208W Keeper.

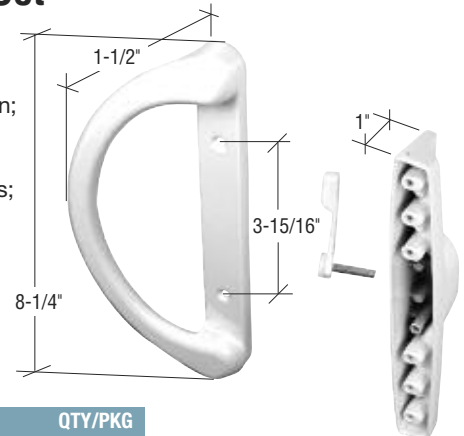


CAT. NO.	FINISH	QTY/PKG
C1275	White	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside Handle; die cast outside Pull; thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.



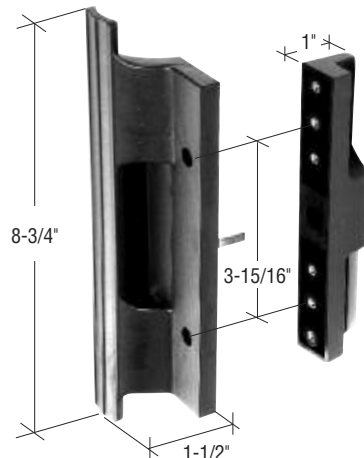
CAT. NO.	FINISH	QTY/PKG
C1224	Black	1
C1225	White	1

Minimum order: 1 pack.

CRL Handle Set

• Popular in Canada

Inside and outside Pull Handles; molded from high impact polycarbonate plastic; steel thumbturn included.

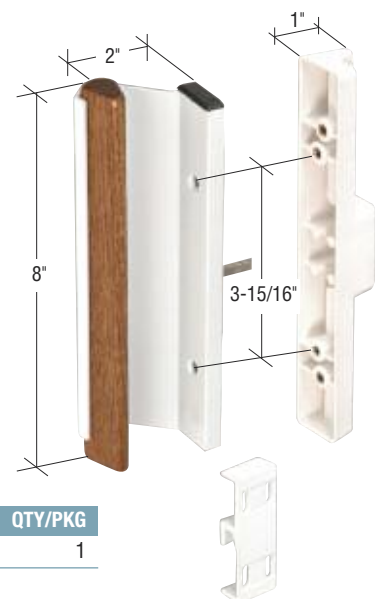


CAT. NO.	FINISH	QTY/PKG
V318SET	Black	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Handle with wood insert; plastic outside Pull with stamped steel thumbturn; includes Keeper; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
C1261	White	1

Minimum order: 1 pack.

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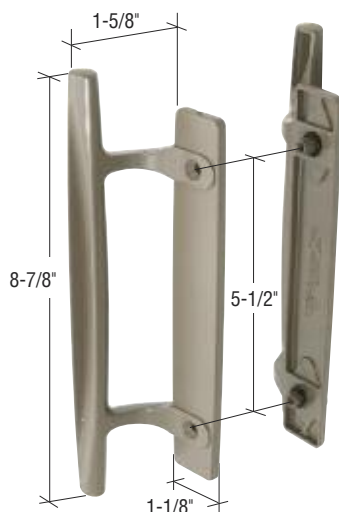
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CRL SLIDING GLASS DOOR HANDLES

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CRL Handle Set

Die cast inside Pull Handle; die cast outside Pull Handle; designed by Andersen.

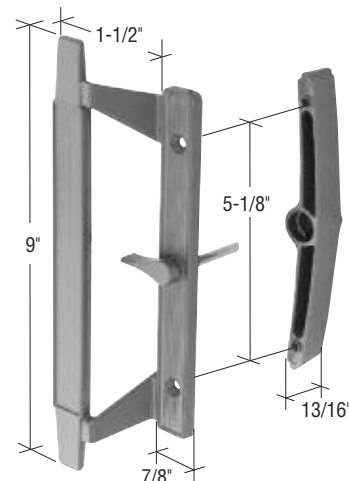


CAT. NO.	FINISH	QTY/PKG
C1247	Stone	1

Minimum order: 1 pack.

CRL Handle Set

Die cast inside Pull Handle; die cast outside Pull; use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; fits doors made by Howard Manufacturing.

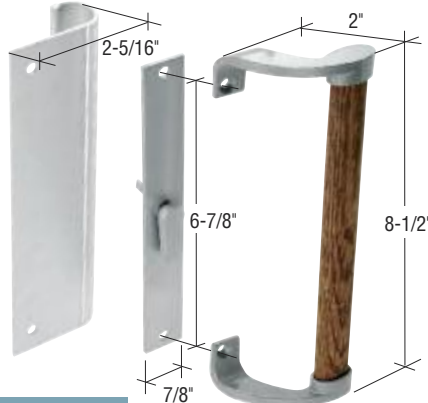


CAT. NO.	FINISH	QTY/PKG
C1297	Gray	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Plate with Thumbturn; extruded aluminum outside Pull; includes wood Pull Handle with die cast brackets; works with all Mortise Locks found on pages 308W-309W.

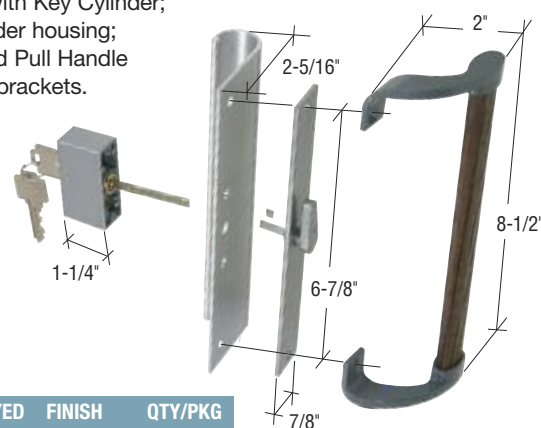


CAT. NO.	KEYED	FINISH	QTY/PKG
C1035	No	Aluminum	1

Minimum order: 1 pack.

CRL Keyed Handle Set

Extruded aluminum inside Plate with Thumbturn; extruded aluminum outside Pull with Key Cylinder; die cast cylinder housing; includes wood Pull Handle with die cast brackets.

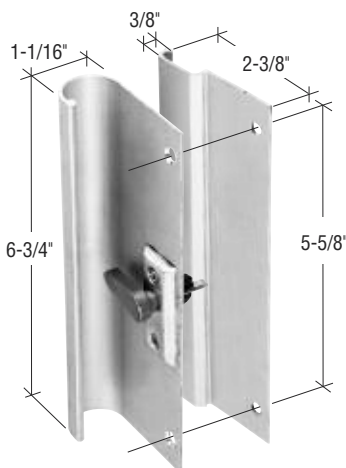


CAT. NO.	KEYED	FINISH	QTY/PKG
C1036	Yes	Aluminum	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Pull Handle; die cast Thumbturn; extruded aluminum outside Pull; used with all Mortise Latches; non-handed; used by several door manufacturers.



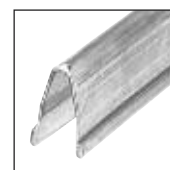
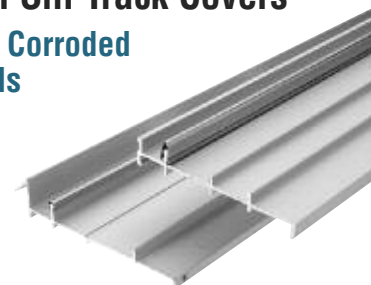
CAT. NO.	FINISH	QTY/PKG
C1039	Aluminum	1

Minimum order: 1 pack.

CRL Stainless Steel Sill Track Covers

• Repairs Damaged or Corroded Patio Door Track Rails

CRL Sill Track Covers are designed to repair damaged and corroded patio door tracks. Simply remove the door, place Sill Cover over the track, then re-install the door. The door rollers will glide smoothly and quietly as though brand new. Sill Track Covers are available in two sizes that can fit and repair most patio door tracks. See page 284W for more information.



Large Sill Cover



Small Sill Cover

All packs of Replacement Hardware can be combined for quantity pricing.

CRL SLIDING GLASS DOOR HANDLES

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CRL Handle Set

Extruded aluminum Handle assembly with wood Insert; no outside Pull; use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.

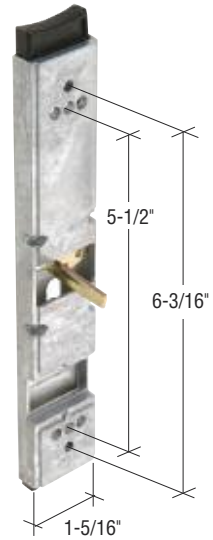


CAT. NO.	FINISH	QTY/PKG
C1155	Aluminum	1
C1184	Bronze	1

Minimum order: 1 pack.

CRL Handle Set

Die cast base with stainless steel vertical slide and stamped steel actuator; for use with Cat. No. AR18470 and AR18479 type Mortise Locks found on page W268. Used on Kawneer and Arcadia doors.



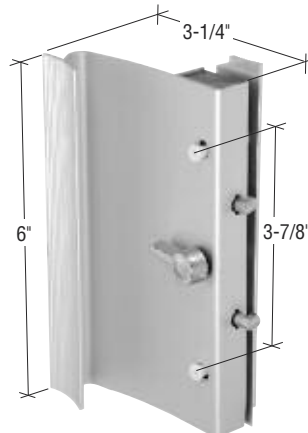
CAT. NO.	FINISH	QTY/PKG
C1156	Aluminum	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside Latch; extruded aluminum outside Pull; spring loaded hook pins twist to lock into door jamb; no keeper required; designed for Ador/HiLite doors.

NOTE: Original handle design had several small punched starbursts, these have been eliminated.

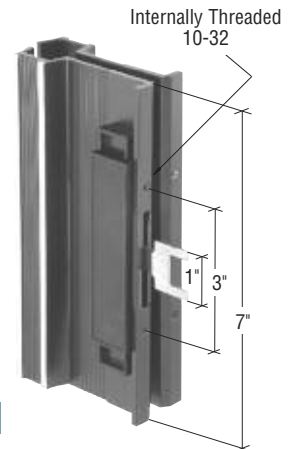


CAT. NO.	FINISH	QTY/PKG
C1014	Aluminum	1
C1015	Black	1

Minimum order: 1 pack.

CRL Handle Set

Extruded aluminum inside and outside Pulls with plastic vertical slide actuator; stamped steel yoke; used with Cat. No. E2080 Mortise Lock and E2109 Keeper. Originally this Handle was available in two different extrusion profile heights to accommodate either single or dual glazed doors. Today only dual glazed height is available, but spacers are included in the package to adapt to single glazed.

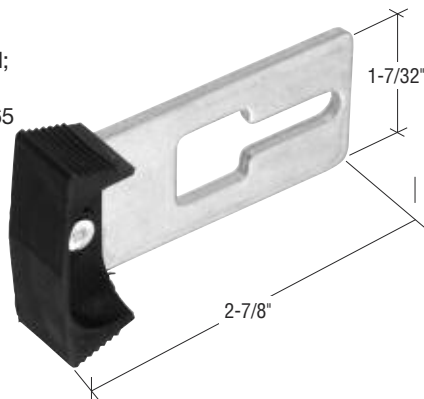


CAT. NO.	KEYED	FINISH	QTY/PKG
C1028	No	Black	1
C1029	Yes	Black	1

Minimum order: 1 pack.

CRL Locking Bar

Stamped steel Locking Bar with plastic finger pull; fits on Capitol doors; works with Cat. No. C1165 Pull Handle.

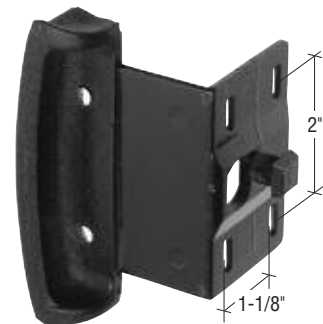


CAT. NO.	QTY/PKG
C1167	1

Minimum order: 1 pack.

CRL Pull Handle

Die cast base with plastic finger pull; fits on Capitol doors; works with Cat. No. C1167 Locking Bar.



CAT. NO.	FINISH	QTY/PKG
C1165	Black	1

Minimum order: 1 pack.

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CRL SLIDING GLASS DOOR PULLS

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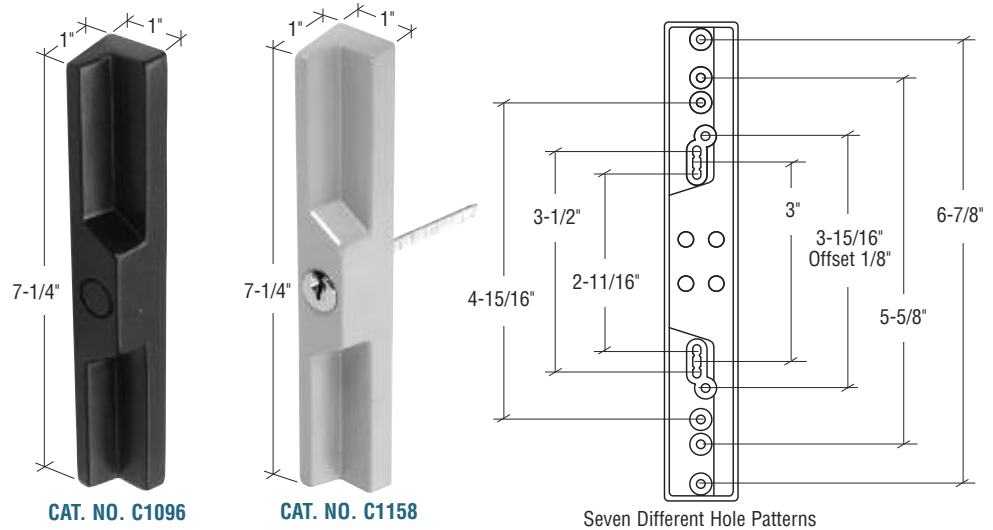
CRL Pull and Key Lock

Die cast outside Pull with or without Key Cylinder; multi-mounting hole pattern; see diagram for the seven different hole patterns.

NOTE: For units with Cat. No. E2000 Key Cylinder, center plug has been bored out.

CAT. NO.	KEYED	FINISH	QTY/PKG
C1096	No	Black	1
C1139	Yes	Black	1
C1150	No	Gray	1
C1158	Yes	Gray	1

Minimum order: 1 pack.

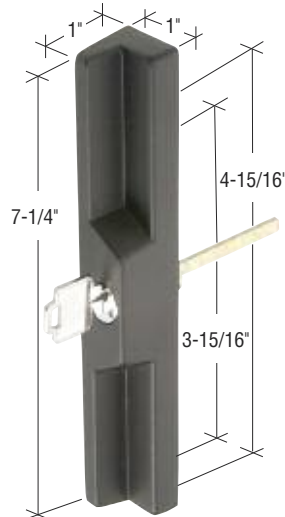


CRL Pull and Key Lock

Die cast outside Pull with two mounting hole patterns at 3-15/16" and 4-15/16" centers; available with or without Key Cylinder. **NOTE:** For units with Cat. No. E2000 Key Cylinder, center plug has been bored out.

CAT. NO.	KEYED	FINISH	QTY/PKG
C1041	Yes	Black	1
C1120	Yes	White	1
C1113	No	White	1
C1121	Yes	Almond	1

Minimum order: 1 pack.

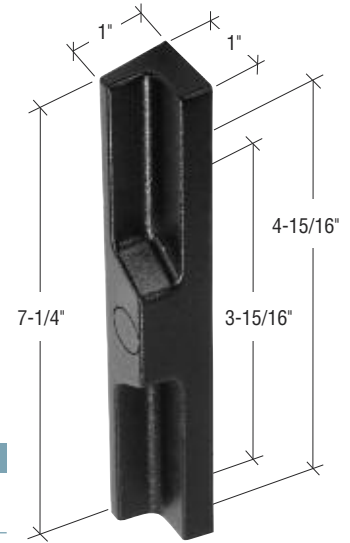


CRL Pull

Plastic outside Pull has brass threaded inserts at 3-15/16" and 4-15/16" hole centers; ideal outside Pull for corrosive environmental conditions.

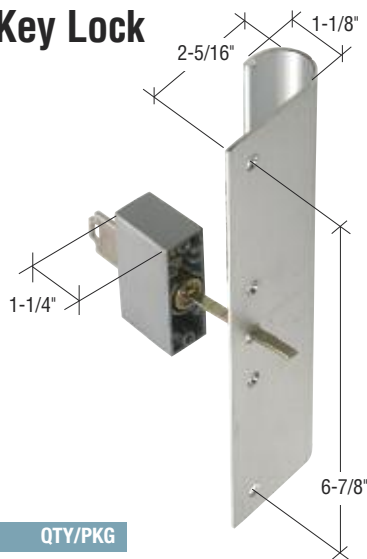
CAT. NO.	FINISH	QTY/PKG
C1097	Black	1
C1140	White	1

Minimum order: 1 pack.



CRL Pull and Key Lock

Extruded aluminum outside Pull with Key Cylinder and die cast cylinder housing; designed to be used with Cat. No. C1035 Handle to convert existing handles to outside keyed; originally used on Daryl doors.

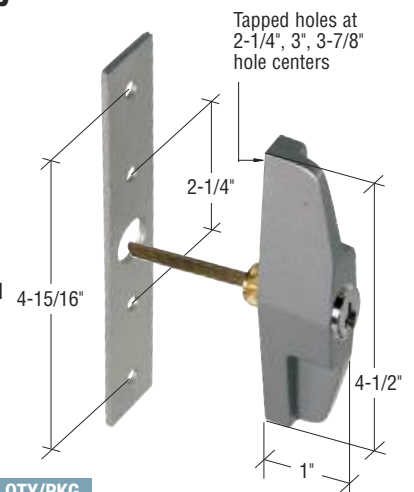


CAT. NO.	FINISH	QTY/PKG
C1037	Aluminum	1

Minimum order: 1 pack.

CRL Pull and Key Lock

Die cast outside Pull; Key Cylinder; aluminum mounting plate; the outside Pull used by itself will fit either 2-1/4", 3", or 3-7/8" hole centers; attaching the optional mounting plate allows this Pull to be used for 4-15/16" hole patterns; outside Pull has been bored for Cat. No. E2000 Key Cylinder, which is included.



CAT. NO.	FINISH	QTY/PKG
C1049	Aluminum	1

Minimum order: 1 pack.

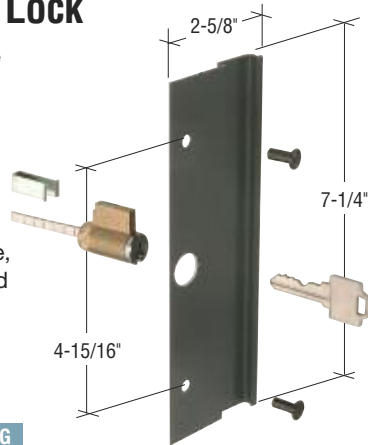
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CRL SLIDING GLASS DOOR PULLS

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CRL Pull and Key Lock

Extruded aluminum outside Pull; Key Cylinder; cylinder retainer. Some door stiles have "key-slot" type punched holes between the handle mounting holes to allow the body of the Key Cylinder to work from inside the door stile, therefore not requiring a raised outside Pull; used with most surface mount handle sets having 4-15/16" hole centers.

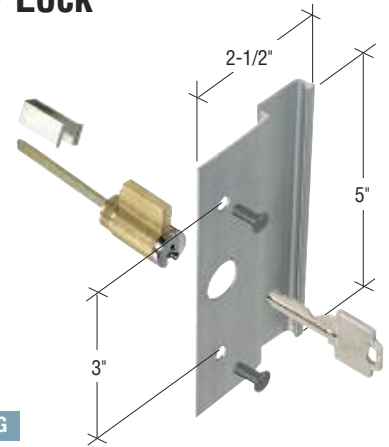


CAT. NO.	FINISH	QTY/PKG
E2070	Aluminum	1
E2071	Black	1

Minimum order: 1 pack.

CRL Pull and Key Lock

Extruded aluminum outside Pull; Key Cylinder; tail piece retainer. Some door stiles have "key-slot" type punched holes between the handle mounting holes to allow the body of the Key Cylinder to work from inside the door stile, therefore not requiring a raised outside Pull; used with Cat. Nos. C1055 and C1073 Handles on single glazed doors.

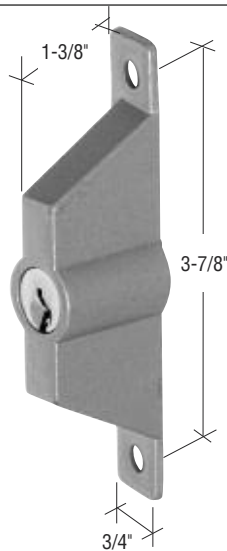


CAT. NO.	FINISH	QTY/PKG
E2072	Aluminum	1
E2073	Black	1

Minimum order: 1 pack.

CRL Pull and Key Lock

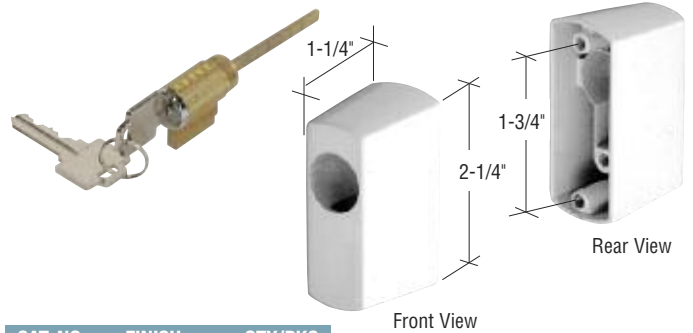
Die cast outside Pull; Key Cylinder; pull has been bored for Cat. No. E2000 Key Cylinder; 3-7/8" mounting hole pattern designed for Ador/HiLite doors; used with Cat. Nos. C1014 and C1015 Handles. Base is angled slightly so that Key Cylinder has more clearance to jamb.



CAT. NO.	FINISH	QTY/PKG
C1012	Aluminum	1
C1013	Black	1

Minimum order: 1 pack.

CRL Keyed Locking Unit



CAT. NO.	FINISH	QTY/PKG
E2145	White	1
E2194	Bronze	1
E2195	Satin Nickel	1
E2146	Brass Plated	1

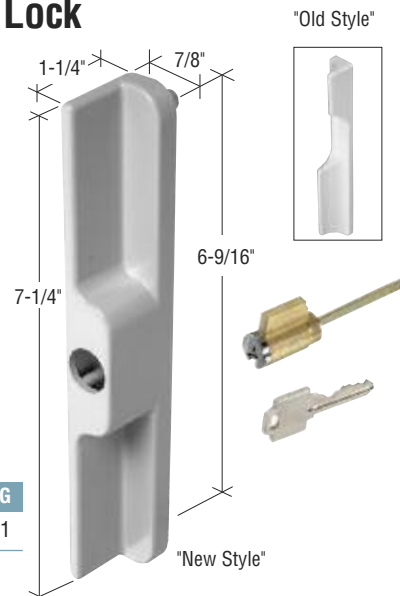
Minimum order: 1 pack.

Die cast Housing; used with Cat. Nos. C1280, C1283, C1284, and C1287 Handle sets.

CRL Pull and Key Lock

• Popular in Canada

White die cast outside Pull with Key Cylinder; fits Cat. No. C1221 Handle.



CAT. NO.	FINISH	QTY/PKG
C1254	White	1

Minimum order: 1 pack.

CRL Pull

Die cast outside Pull; 3-15/16" mounting hole pattern; used with Cat. No. C1127 style inside Handles.



CAT. NO.	FINISH	QTY/PKG
C1122	Black	1
C1209	White	1

Minimum order: 1 pack.

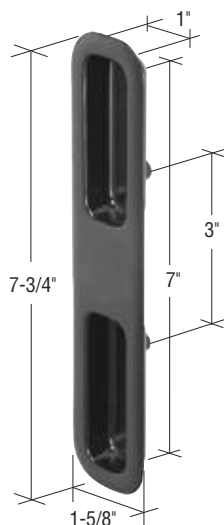
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CRL SLIDING GLASS DOOR PULLS

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CRL Pull

Die cast flush mount outside Pull; fits International Series 950 dual glazed doors; used with Cat. Nos. C1055 and C1073 inside Latches.

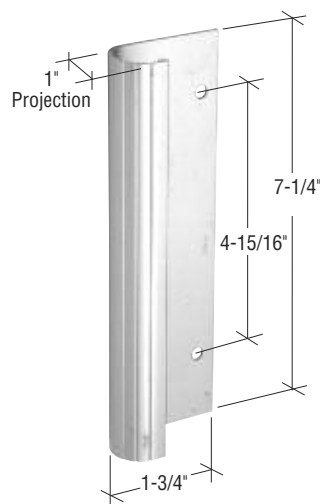


CAT. NO.	FINISH	QTY/PKG
C1087	Black	1
C1207	White	1

Minimum order: 1 pack.

CRL Pull

Extruded aluminum outside Pull; 4-15/16" mounting hole pattern; has a tall "J" pattern for ease of opening or closing.

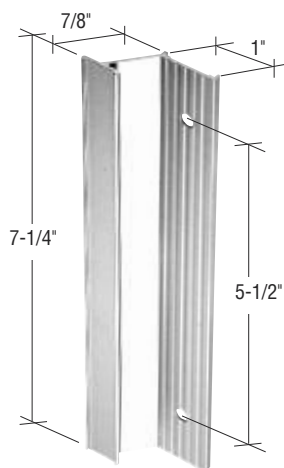


CAT. NO.	FINISH	QTY/PKG
C1136	Aluminum	1

Minimum order: 1 pack.

CRL Pull

Extruded aluminum outside Pull; 5-1/2" mounting hole pattern common on Adams Rite handles; can be used with Cat. No. C1155 inside pull Handles.

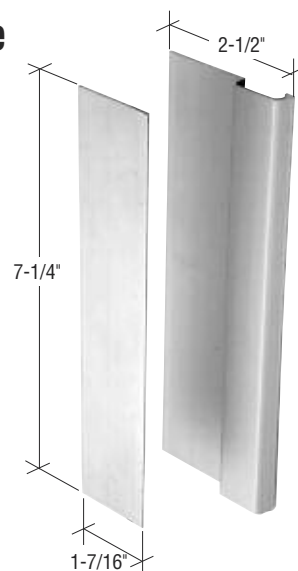


CAT. NO.	FINISH	QTY/PKG
C1083	Aluminum	1

Minimum order: 1 pack.

CRL Universal Handle Cover Plate Set

Extruded aluminum Cover Plate; extruded aluminum outside Pull; both have adhesive backed tape; both can be drilled to meet installation requirements; cover plate is handy when replacing older surface mount handle with a newer handle that requires new holes to be drilled.



CAT. NO.	FINISH	QTY/PKG
C1062	Aluminum	1
C1063	Black	1

Minimum order: 1 pack.

CRL Flush Pull

Extruded aluminum outside pull; universal application; no pre-drilled mounting holes; must be drilled to meet specific application.



CAT. NO.	FINISH	QTY/PKG
C1008	Aluminum	1
C1009	Black	1

Minimum order: 1 pack.

CRL Glass Door Rollers

- Replacement Rollers for Wood, Aluminum, and Vinyl Frame Glass Doors See Pages 248W-278W



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CRL Sliding Glass Door Lock Introduction and Selection Guide

Welcome to the greatly expanded C.R. Laurence Sliding Glass Door Lock Hardware section of this CRL83R Door and Window Replacement Hardware Catalog. This section of the catalog has been arranged by categories that will greatly speed your search of the many sliding glass door lock styles available. Some of our most popular models now include locks made in all stainless steel, an excellent choice where maximum corrosion resistance is necessary.

Selecting Sliding Glass Door Locks

1. First, determine the type or brand of Glass Door Lock that you need to replace. One method is to look at the slotted hole through the upper body of the Lock. This hole will either be enclosed or open to the back of the body. Although both Locks appear similar, there is a difference in their operation.

Locks having enclosed slotted holes only require a 45 degree turn of the keyway to move the hook from fully retracted (unlocked) to fully extended (locked). See pages 308W-310W.

2. Second, determine the keyway position when the latch hook is in the locked (fully extended) position. There are three possible positions:



Vertical



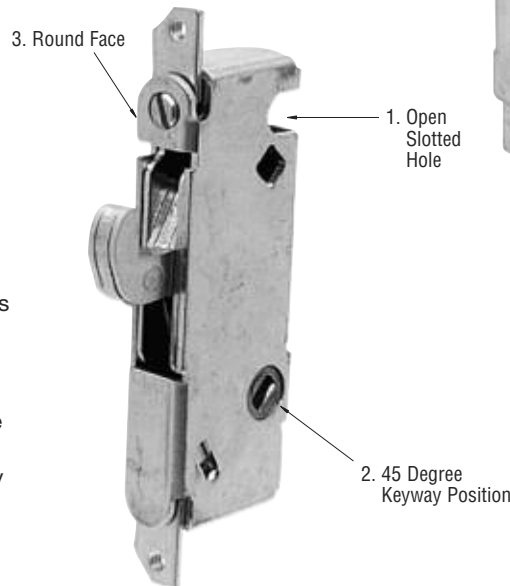
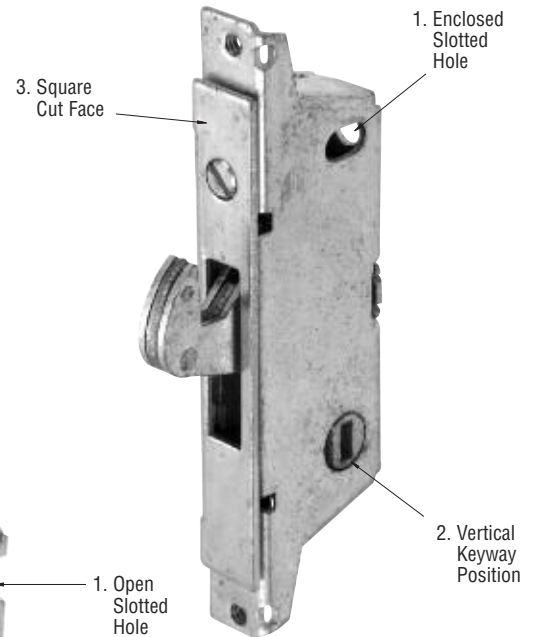
22-1/2
Degrees



45
Degrees

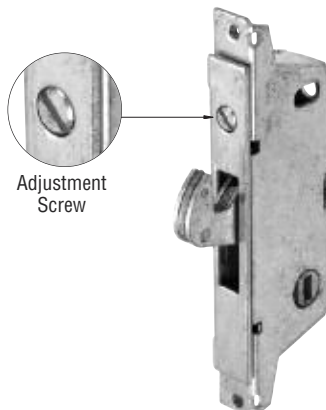
It is important that the replacement lock's keyway matches that of the original lock, otherwise the Key Cylinder in the Handle may not interface properly.

3. Third, does the latch have a square cut face, or is the face rounded at the top and bottom? Round and Square Face Locks are not interchangeable, so this specification is very important when selecting a replacement lock.



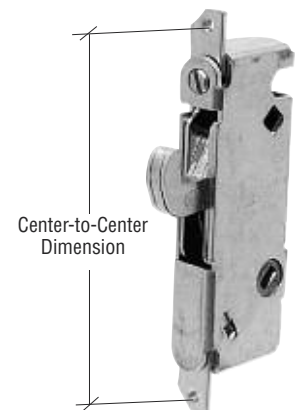
Adjustable Hook Projection

All CRL Mortise Locks have an adjustable hook projection feature. Once the Lock and Keeper have been installed, the hook can easily be adjusted by turning the slotted screw located on the face of the Lock just above the hook. Adjusting the hook projection will provide a tight seal of the door edge against the door jamb.



Mounting Hole Dimensions

Be careful to determine the center-to-center measurements of the mounting holes. This dimension is critical and leaves no room for error. Many locks have mounting hole dimensions that appear similar, but a variance of even 1/16" (1.6 mm) can make it impossible to install a new lock that has mounting holes with a different center-to-center dimension from the original lock.



New and Improved Glass Door Lock Features

- Our Largest Lock Selection Ever
- A Complete Array of Door Lock Accessories
- New Items for Vinyl Doors

CRL's selection of Glass Door Lock Hardware is ever-evolving. If you don't see what you need on the following pages then go to our web site at crlaurence.com



CAT. NO. E2119

See page 308W

Automatic Mortise Locks have spring loaded hooks that remain in the locked position unless manually retracted, and then, once released, they will spring back to the locked position.



CAT. NO. E2189

See page 309W

We're keeping up with the fast changing vinyl glass door industry by expanding our selection of Mortise Locks with pre-attached Mounting Plates.



CAT. NO. E2192

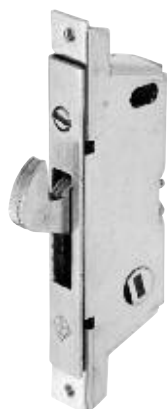
See page 311W



CAT. NO. E2475

See page 311W

New to this catalog is a selection of Multi-Point Mortise Locks commonly used on vinyl and wood patio doors.



CAT. NO. AR18470

See page 308W



CAT. NO. AR18479

See page 308W

CRL now offers 22-1/2 Degree Keyway Mortise Locks for use specifically with our Cat. No.'s C1050 and AR44300 style Flush Handle sets.



CAT. NO. C1050

See page 289W



CAT. NO. AR44300

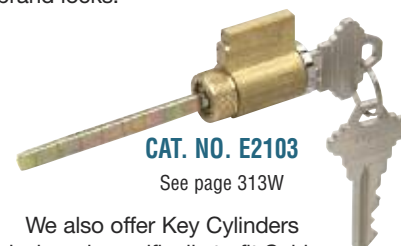
See page 289W



CAT. NO. E2000

See page 313W

Referred to in the industry as a "composite keyway", this Key Cylinder has a keyway that will interchange and work with Kwikset, Weiser, or Weslock brand locks.



CAT. NO. E2103

See page 313W

We also offer Key Cylinders designed specifically to fit Schlage brand locks. Both cylinders are readily available keyed different or keyed alike.

Other Featured Items in This Section



INTERNAL LOCKS

See page 312W



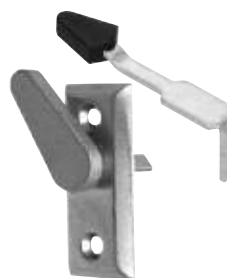
MORTISE LOCKS

See page 312W



CYLINDER LOCKS

See pages 313W and 314W



LATCH LEVERS

See pages 315W and 316W



LOCK KEEPERS

See page 317W to 321W

CRL SLIDING GLASS DOOR LOCKS

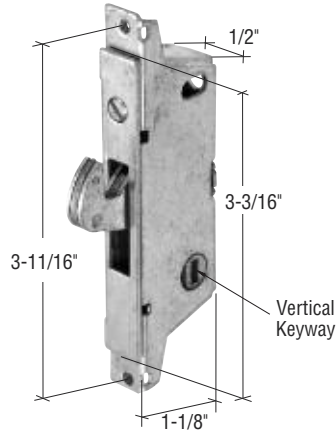
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CRL Square End Face Mortise Lock

Steel housing and hook; square end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2008	Steel	1
E2184	Stainless Steel	1

Minimum order: 1 pack.

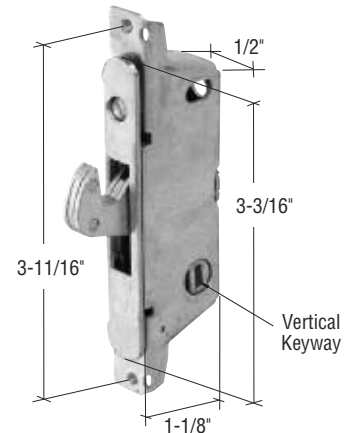


CRL Round End Face Mortise Lock

Steel housing and hook; round end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2009	Steel	1
E2185	Stainless Steel	1

Minimum order: 1 pack.

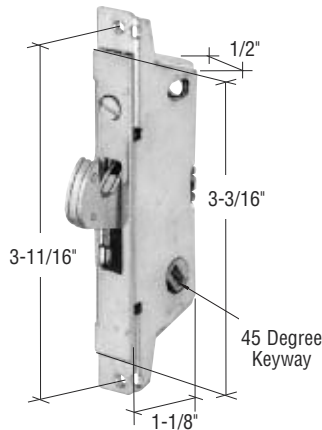


CRL Square End Face Mortise Lock

Steel housing and hook; square end faceplate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2111	Steel	1
E2186	Stainless Steel	1

Minimum order: 1 pack.

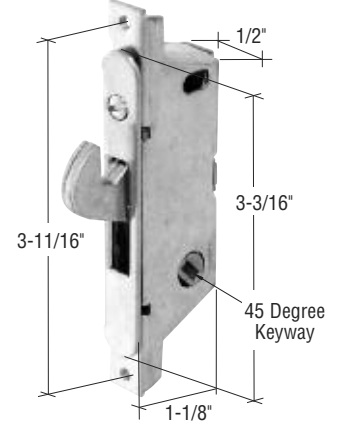


CRL Round End Face Mortise Lock

Steel housing and hook; round end faceplate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2121	Steel	1
E2187	Stainless Steel	1

Minimum order: 1 pack.

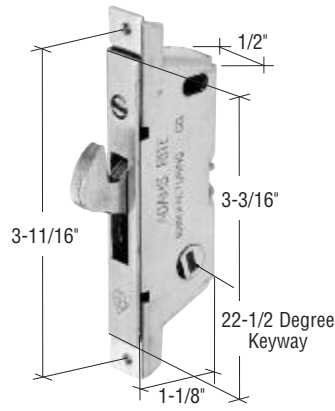


CRL Square End Face Mortise Lock

Stainless steel housing and hook; square end faceplate; keyway is in the 22-1/2 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
AR18470	Stainless Steel	1

Minimum order: 1 pack.

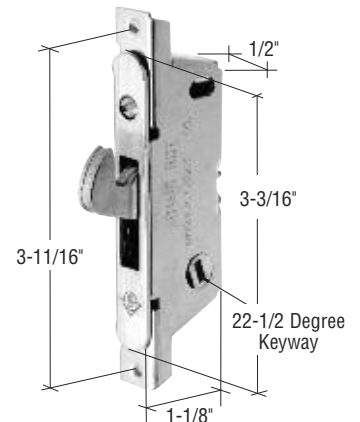


CRL Round End Face Mortise Lock

Stainless steel housing and hook; round end faceplate; keyway is in the 22-1/2 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
AR18479	Stainless Steel	1

Minimum order: 1 pack.

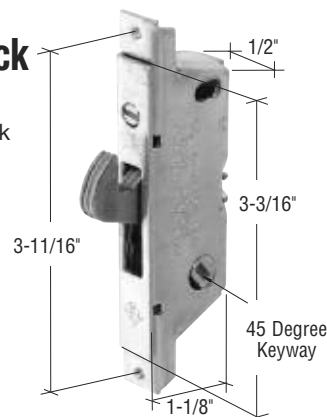


CRL Square End Face Automatic Mortise Lock

Steel housing and hook; hook is spring-loaded and does not hold back in the unlocked position. Square end faceplate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2118	Steel	1

Minimum order: 1 pack.

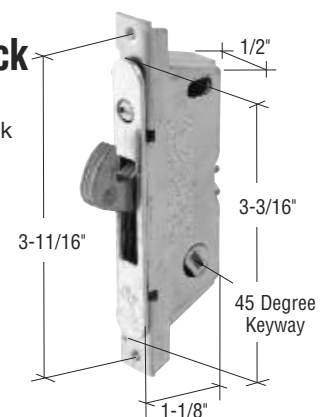


CRL Round End Face Automatic Mortise Lock

Steel housing and hook; hook is spring-loaded and does not hold back in the unlocked position. Round end faceplate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2119	Steel	1
E2148	Stainless Steel	1

Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.



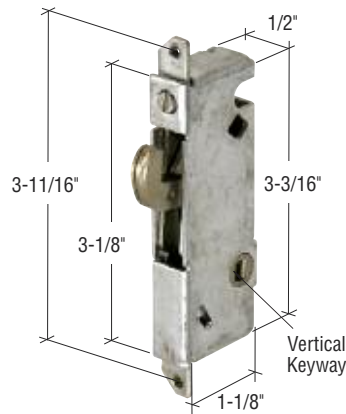
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CRL Square End Face Mortise Lock

Steel housing and hook; square end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable.

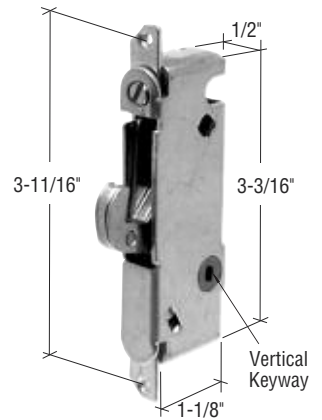


CAT. NO.	QTY/PKG
E2012	1

Minimum order: 1 pack.

CRL Round End Face Mortise Lock

Steel housing and hook; round end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable.

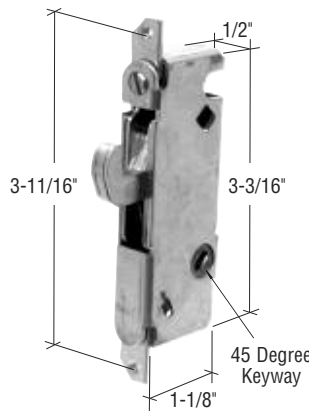


CAT. NO.	QTY/PKG
E2013	1

Minimum order: 1 pack.

CRL Round End Face Mortise Lock

Steel housing and hook; round end faceplate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

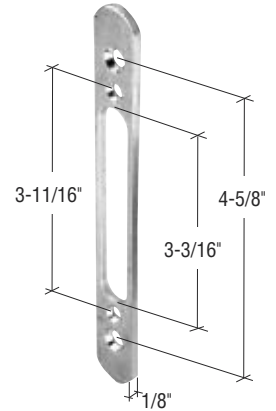


CAT. NO.	MATERIAL	QTY/PKG
E2014	Steel	1
E2199	Stainless Steel	1

Minimum order: 1 pack.

CRL Mortise Trim Plate

Zinc plated steel trim plate for adapting Cat. No. E2009 and E2013 style Mortise Locks to wood door stiles.

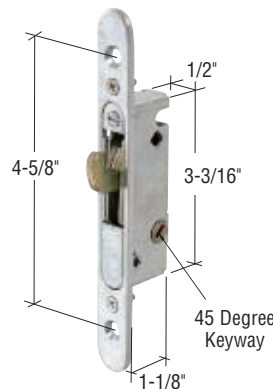


CAT. NO.	QTY/PKG
E2101	1

Minimum order: 1 pack.

CRL Round End Face Mortise Lock and Plate

Steel housing and hook; round end faceplate; trim plate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

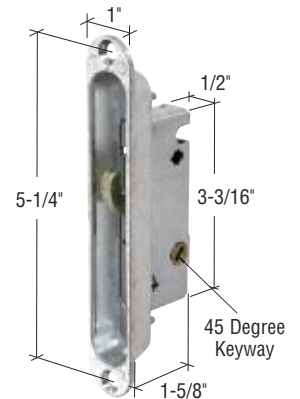


CAT. NO.	QTY/PKG
E2164	1

Minimum order: 1 pack.

CRL Mortise Lock and Plate

Steel housing and hook; round end faceplate; die cast trim plate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable; used with Cat. No. E2125 Keeper.

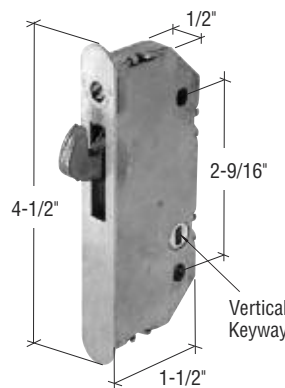


CAT. NO.	QTY/PKG
E2189	1

Minimum order: 1 pack.

CRL Round End Face Mortise Lock and Plate

Round end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable; fits Andersen doors.

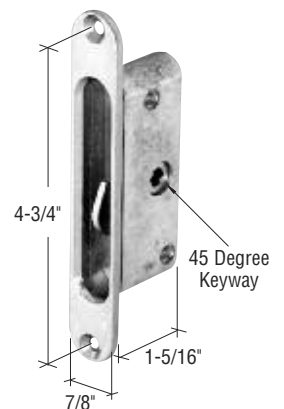


CAT. NO.	MATERIAL	QTY/PKG
E2171	Steel	1
E2100	Stainless Steel	1

Minimum order: 1 pack.

CRL Mortise Lock

Die cast lock housing with steel hook and latch lever; keyway is in the 45 degree position.



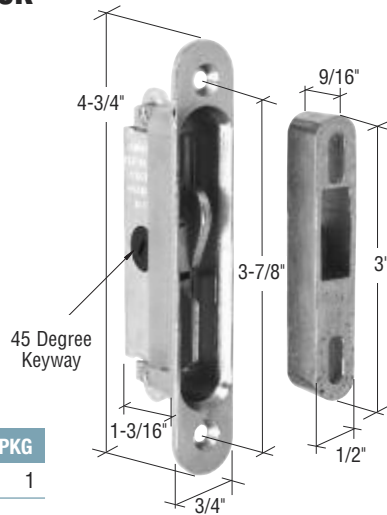
CAT. NO.	QTY/PKG
AG4535	1

Minimum order: 1 pack.

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CRL Mortise Lock and Keeper

Stamped aluminum inner body; a die cast faceplate and keeper; stamped steel hook. Similar in design to Cat. No. E2126, however overall depth of latch from underside of faceplate is 1-3/16".

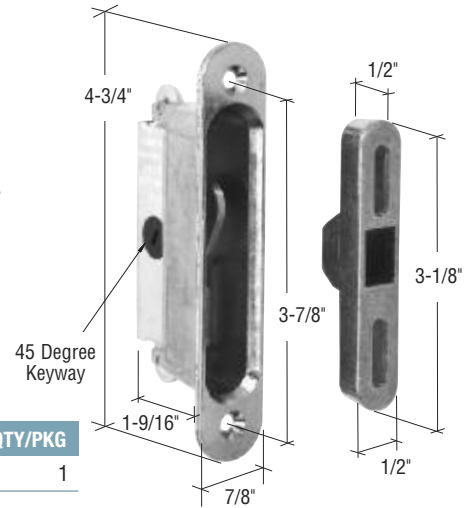


CAT. NO.	QTY/PKG
E2079	1

Minimum order: 1 pack.

CRL Mortise Lock and Keeper

Stamped aluminum inner body; die cast faceplate and keeper; stamped steel hook. Similar in design to Cat. No. E2079, however overall depth of latch from underside of faceplate is 1-9/16".

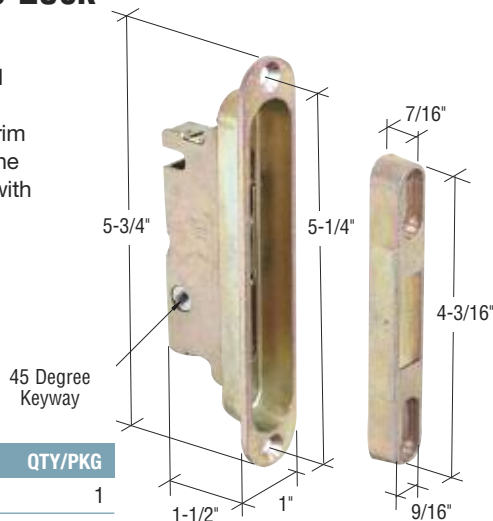


CAT. NO.	QTY/PKG
E2126	1

Minimum order: 1 pack.

CRL Mortise Lock and Keeper

Steel housing and hook; round end faceplate; die cast trim plate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

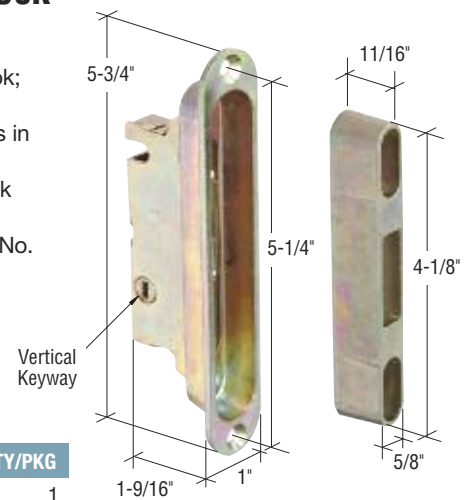


CAT. NO.	QTY/PKG
E2469	1

Minimum order: 1 pack.

CRL Mortise Lock and Keeper

Steel housing and hook; round end faceplate; die cast trim plate; keyway is in the vertical position with hook fully extended; hook projection is adjustable. Similar in design to Cat. No. E2469 however, overall keeper depth is 11/16".

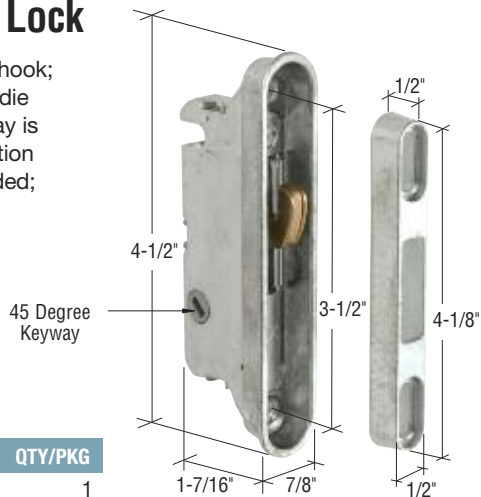


CAT. NO.	QTY/PKG
E2470	1

Minimum order: 1 pack.

CRL Mortise Lock

Steel housing and hook; round end faceplate; die cast trim plate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

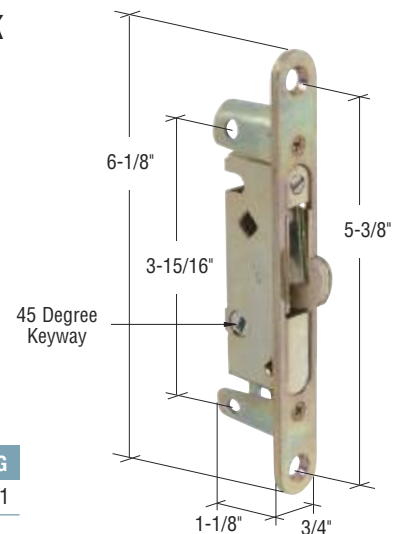


CAT. NO.	QTY/PKG
E2487	1

Minimum order: 1 pack.

CRL Mortise Lock

Steel housing and hook; round end faceplate; die cast trim plate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.



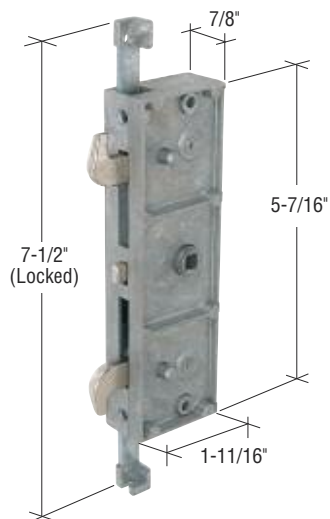
CAT. NO.	QTY/PKG
E2468	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Mortise Lock

Multi-point Mortise Lock used on vinyl and wood patio doors; operated by a $7/32$ " (6 mm) square drive thumbturn Cat. No. HA423WH; faceplate and keeper not included. Works with handle Cat. No. C1275 and keeper Cat. No. HA0208W.

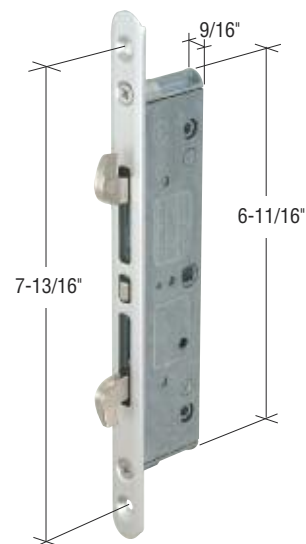


CAT. NO.	QTY/PKG
E2192	1

Minimum order: 1 pack.

CRL Mortise Lock

Multi-point Mortise Lock used on vinyl and wood patio doors; operated by a $7/32$ " (6 mm) square drive thumbturn Cat. No. HA423WH; satin anodized faceplate included; keeper not included. Works with handle Cat. No. C1275 and keeper Cat. No. HA0208W.

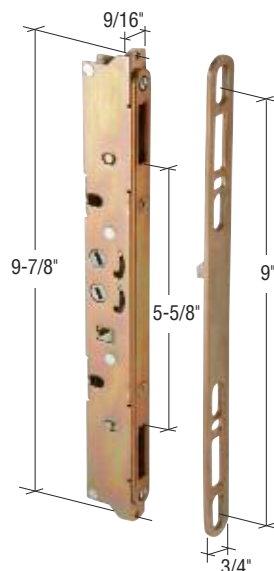


CAT. NO.	QTY/PKG
E2800	1

Minimum order: 1 pack.

CRL Mortise Lock

Multi-point Mortise Lock used on vinyl and wood patio doors; zinc plated body is actuated by a single thumbturn lever; used by several door manufacturers.

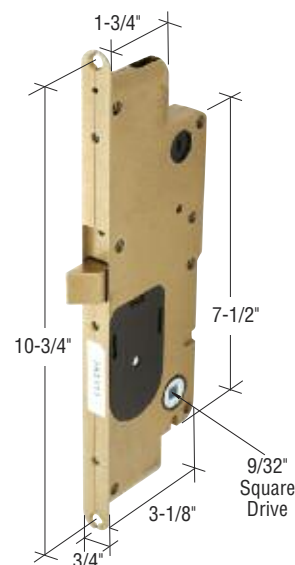


CAT. NO.	QTY/PKG
E2473	1

Minimum order: 1 pack.

CRL Mortise Lock

Mortise Lock has die cast case with steel latch bolt; used on Peachtree patio doors.

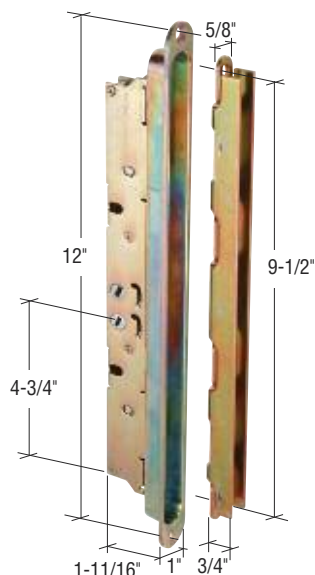


CAT. NO.	QTY/PKG
E2488	1

Minimum order: 1 pack.

CRL Mortise Lock

Multi-point Mortise Lock used on vinyl and wood patio doors; zinc plated body is actuated by a single thumbturn lever; used by several door manufacturers.

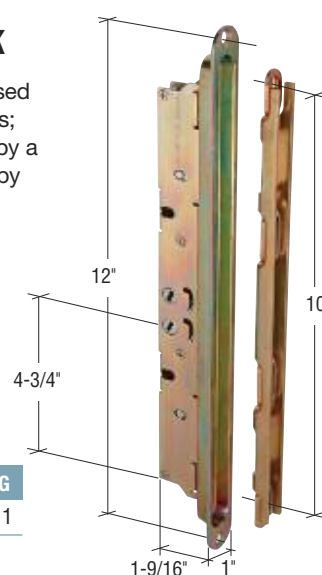


CAT. NO.	QTY/PKG
E2475	1

Minimum order: 1 pack.

CRL Mortise Lock

Multi-point Mortise Lock used on vinyl and wood patio doors; zinc plated body is actuated by a single thumbturn lever; used by several door manufacturers.



CAT. NO.	QTY/PKG
E2474	1

Minimum order: 1 pack.

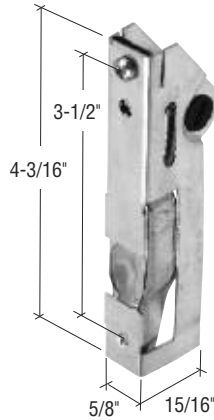
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CRL Glass Door Mortise Lock

Stamped steel lock housing; stainless steel spring; fits doors made by Northrop Architectural.

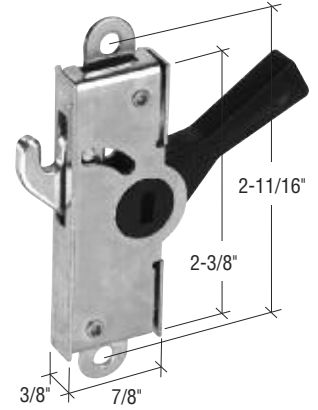


CAT. NO.	QTY/PKG
E2025	1

Minimum order: 1 pack.

CRL Glass Door Lever Lock

Stamped steel housing; black plastic latch lever; used for inside surface mounted patio door handles; fits on Adams Rite.

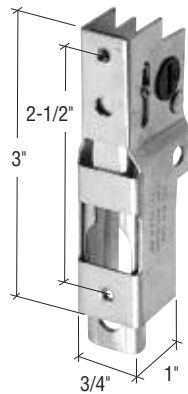


CAT. NO.	QTY/PKG
E2029	1

Minimum order: 1 pack.

CRL Glass Door Mortise Lock

Stamped steel lock housing; stainless steel spring; fits doors made by Northrop Architectural.

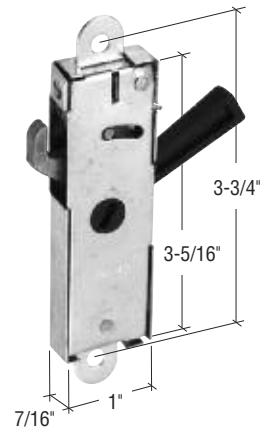


CAT. NO.	QTY/PKG
E2026	1

Minimum order: 1 pack.

CRL Glass Door Lever Lock

Stamped steel housing; black plastic latch lever; used for inside surface mounted patio door handles; fits handles used on Northrop Architectural and other brand doors.

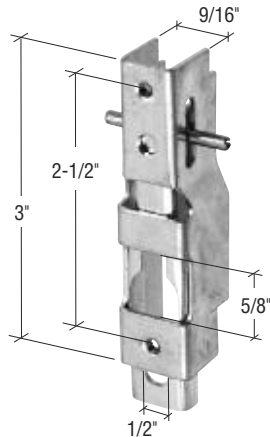


CAT. NO.	QTY/PKG
E2030	1

Minimum order: 1 pack.

CRL Glass Door Mortise Lock

Stamped steel lock housing; stainless steel spring; fits doors made by Guaranteed Products.

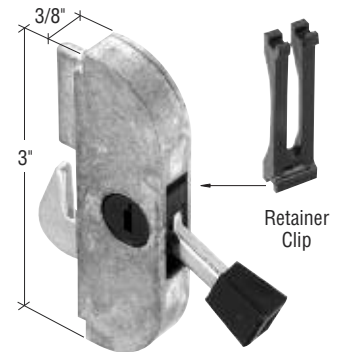


CAT. NO.	QTY/PKG
E2080	1

Minimum order: 1 pack.

CRL Glass Door Lever Lock

Die cast lock housing; steel hook and latch lever; plastic retainer clip holds lock in handle body; replacement lock for Cat. No. C1000 style Handles.

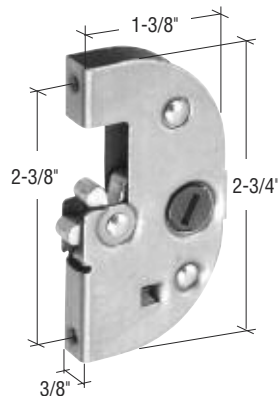


CAT. NO.	QTY/PKG
E2077	1

Minimum order: 1 pack.

CRL Cog Latch Mortise Lock

Stamped steel lock housing; die cast rotating cog; fits old style Arcadia patio doors.

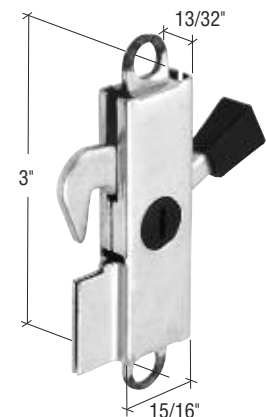


CAT. NO.	QTY/PKG
E2069	1

Minimum order: 1 pack.

CRL Glass Door Lever Lock

Stamped aluminum housing; steel latch hook; black plastic latch lever tip.



CAT. NO.	QTY/PKG
E2105	1

Minimum order: 1 pack.

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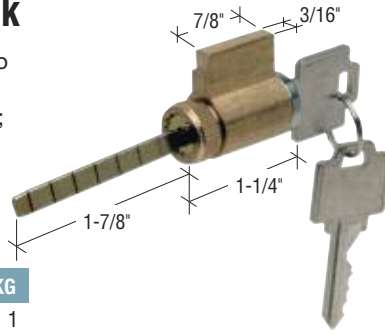
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CRL Cylinder Lock

5-pin tumbler lock with two keys; hardened breakaway tailpiece; solid brass cylinder; keyway is compatible to Weiser, Kwikset or Weslock.

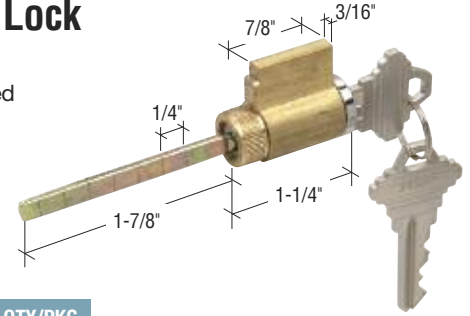


CAT. NO.	KEYED	QTY/PKG
E2000	Random	1
E2000B	Random	10
E2107	Alike	1

Minimum order: 1 pack.

CRL Cylinder Lock

5-pin tumbler lock with two keys; hardened breakaway tailpiece; keyway is compatible to Schlage.

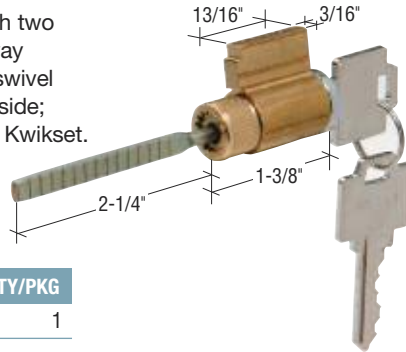


CAT. NO.	KEYED	QTY/PKG
E2103	Random	1
E2104	Alike	1

Minimum order: 1 pack.

CRL Cylinder Lock

5-pin tumbler lock with two keys; hardened breakaway tailpiece is designed to swivel up to 45 degrees to the side; keyway is compatible to Kwikset.

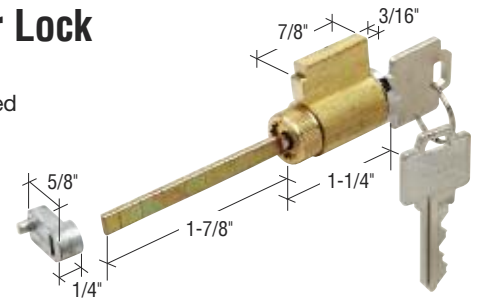


CAT. NO.	QTY/PKG
E2198	1

Minimum order: 1 pack.

CRL Cylinder Lock

5-pin tumbler lock with two keys; supplied with a die cast cam adapter; solid brass cylinder; keyway is compatible to Weiser, Kwikset or Weslock.

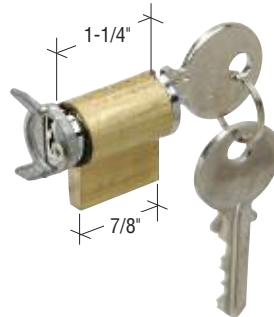


CAT. NO.	QTY/PKG
E2115	1

Minimum order: 1 pack.

CRL Cylinder Lock

5-pin tumbler lock with two keys; supplied with a die cast cam for use with Cat. No. C1025 handles; solid brass cylinder; keyway is compatible to Weiser, Kwikset or Weslock.

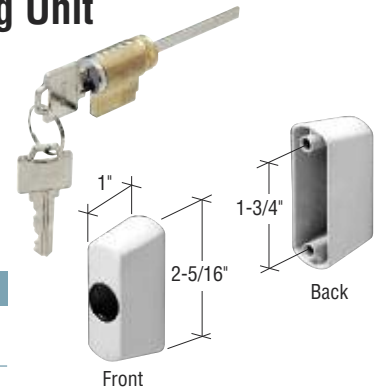


CAT. NO.	QTY/PKG
E2003	1

Minimum order: 1 pack.

CRL Keyed Locking Unit

Keyed Cylinder Housings used to convert C1176 and C1178 mortise style door handles to outside keyed locking handles. Die cast housing; includes key cylinder and two keys.

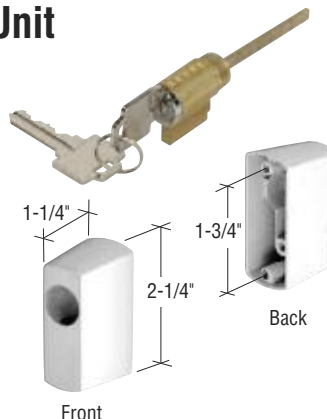


CAT. NO.	FINISH	QTY/PKG
E2677	White	1
E2680	Brass	1

Minimum order: 1 pack.

CRL Keyed Locking Unit

Die cast cylinder housings used to convert Cat. No. C1280, C1283, C1284, and C1287 type glass door handles to exterior keyed.

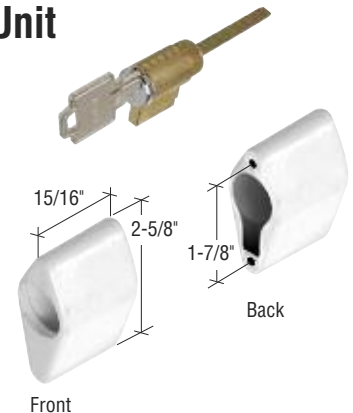


CAT. NO.	FINISH	QTY/PKG
E2145	White	1
E2194	Bronze	1
E2195	Satin Nickel	1
E2146	Brass Plated	1

Minimum order: 1 pack.

CRL Keyed Locking Unit

Die cast key cylinder housing used to convert Cat. No. C1204 and C1209 type glass door handles to exterior keyed.



CAT. NO.	FINISH	QTY/PKG
E2144	White	1

Minimum order: 1 pack.

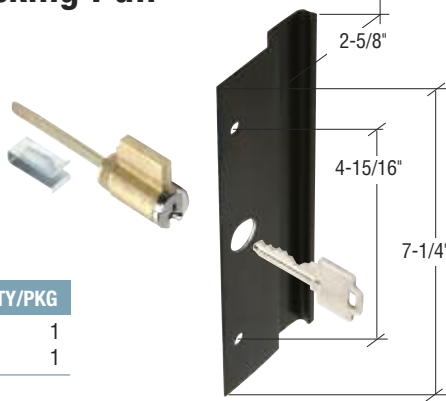
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CRL Keyed Locking Pull

Extruded aluminum flush outside Pull complete with Cat. No. E2000 Key Cylinder; Locking unit has a tailpiece with break-off points for adjustment.

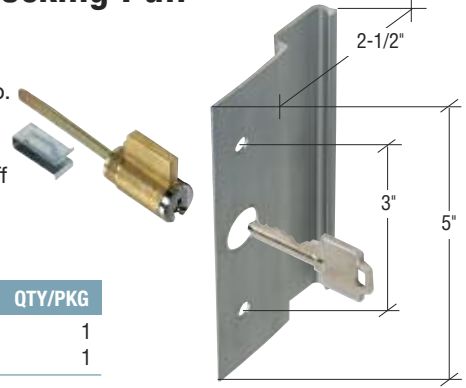


CAT. NO.	FINISH	QTY/PKG
E2070	Aluminum	1
E2071	Black	1

Minimum order: 1 pack.

CRL Keyed Locking Pull

Extruded aluminum flush outside Pull complete with Cat. No. E2000 Key Cylinder; Locking unit has a tailpiece with break-off points for adjustment.

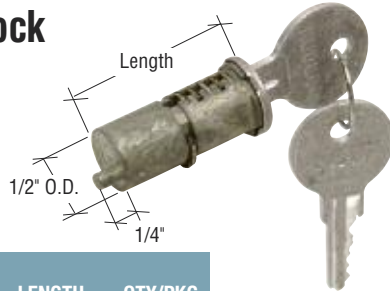


CAT. NO.	FINISH	QTY/PKG
E2072	Aluminum	1
E2073	Black	1

Minimum order: 1 pack.

CRL Cylinder Lock

Die cast wafer type Key Cylinder for use with most flush type door handles.

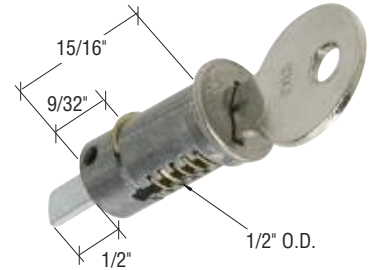


CAT. NO.	DOOR THICKNESS	LENGTH	QTY/PKG
E2005	1"	13/16"	1
E2087	1-1/8" to 1-1/4"	7/8"	1
E2088	1-1/2"	1-1/4"	1

Minimum order: 1 pack.

CRL Cylinder Lock

Die cast wafer type Key Cylinder for use with small bore pull handles; fits on Wright Products door handles.

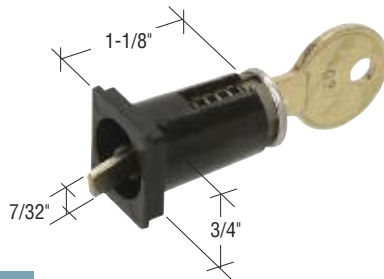


CAT. NO.	QTY/PKG
E2090	1

Minimum order: 1 pack.

CRL Cylinder Lock

Die cast wafer type Key Cylinder with black plastic sleeve; fits on Wright Products door handles.

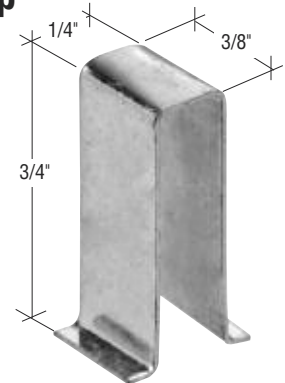


CAT. NO.	QTY/PKG
E2006	1

Minimum order: 1 pack.

CRL Lock Retainer Clip

Spring steel Lock Retainer holds 5-pin cylinders snug in the door frame assembly. Used in keyhole style slots.

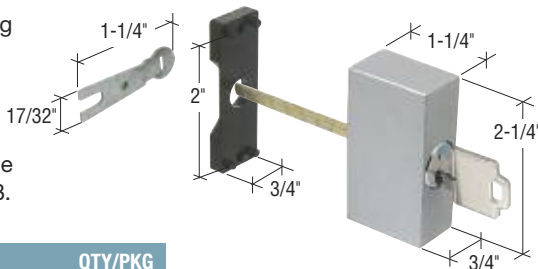


CAT. NO.	QTY/PKG
E2001	1

Minimum order: 1 pack.

CRL Cylinder Lock

Die cast key cylinder housing with activator yoke; plastic base fits on Guaranteed Products handle Cat. No. C1028.



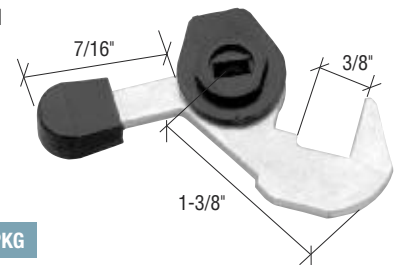
CAT. NO.	QTY/PKG
E2007	1

Minimum order: 1 pack.

CRL Latch Hook

• Popular in Canada

Stamped steel zinc plated hook; black plastic bushing and thumb lever.



CAT. NO.	QTY/PKG
V201PDL	10

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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CRL SLIDING GLASS DOOR LOCKS

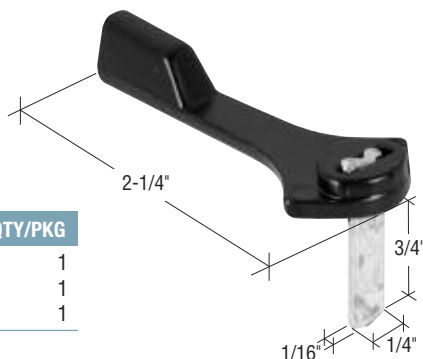
For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Latch Lever

Die cast Latch Lever; steel pin; fits Cat. No. C1131 Handles.

CAT. NO.	FINISH	QTY/PKG
E2161	Black	1
E2162	White	1
E2163	Almond	1

Minimum order: 1 pack.

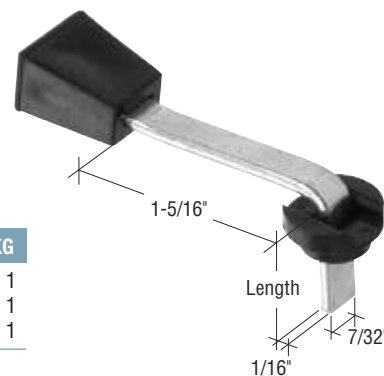


CRL Latch Lever

Steel Latch Lever; plastic thumb button; fits Cat. No. C1058 Handles.

CAT. NO.	LENGTH	QTY/PKG
E2095	3/4"	1
E2139	1"	1
E2117	1-1/4"	1

Minimum order: 1 pack.

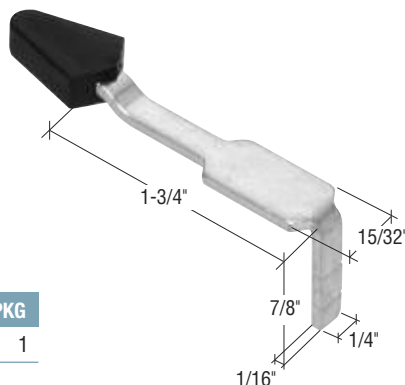


CRL Latch Lever

Stamped steel Latch Lever; black plastic tip; fits handles made by Adams Rite.

CAT. NO.	QTY/PKG
E2066	1

Minimum order: 1 pack.

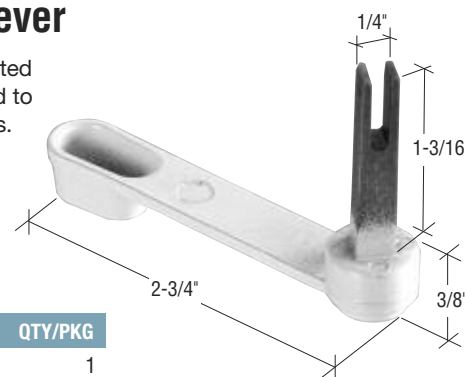


CRL Latch Lever

Die cast white painted Latch Lever; designed to fit Milgard glass doors.

CAT. NO.	QTY/PKG
HA423WH	1

Minimum order: 1 pack.

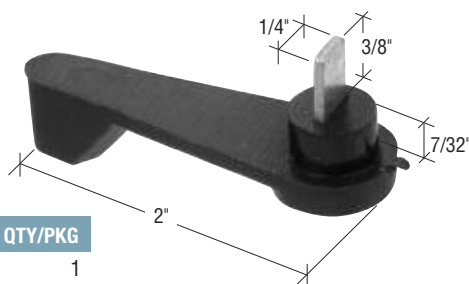


CRL Latch Lever

Plastic Latch Lever; steel pin; fits on doors manufactured by Arcadia.

CAT. NO.	COLOR	QTY/PKG
E2037	Gray	1
E2191	Black	1

Minimum order: 1 pack.

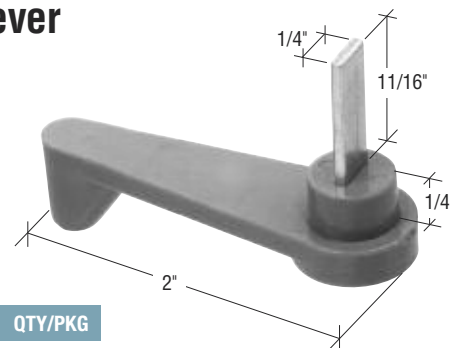


CRL Latch Lever

Gray plastic Latch Lever; steel pin; used by several door manufacturers.

CAT. NO.	QTY/PKG
E2065	1

Minimum order: 1 pack.

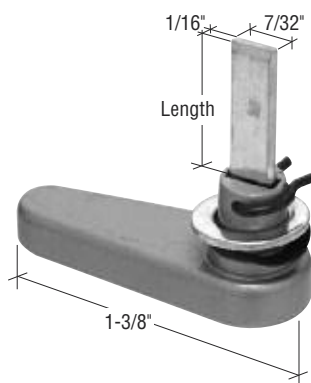


CRL Latch Lever

Die cast Latch Lever; steel pin; used by several door manufacturers.

CAT. NO.	LENGTH	QTY/PKG
E2035	1"	1
E2112	1-1/2"	1

Minimum order: 1 pack.

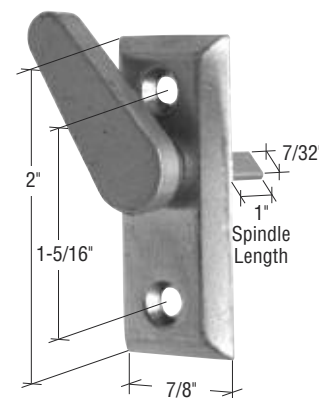


CRL Latch Lever

Die cast Latch Lever; steel pin; stamped aluminum escutcheon plate; used by several door manufacturers.

CAT. NO.	QTY/PKG
E2034	1

Minimum order: 1 pack.



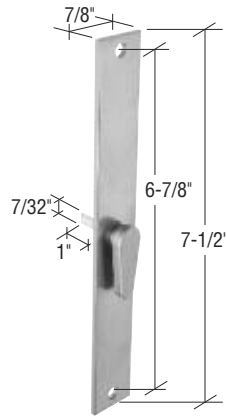
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CRL SLIDING GLASS DOOR LOCKS

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CRL Latch Lever

Die cast Latch Lever; extruded aluminum escutcheon plate and steel pin; used by many door manufacturers.

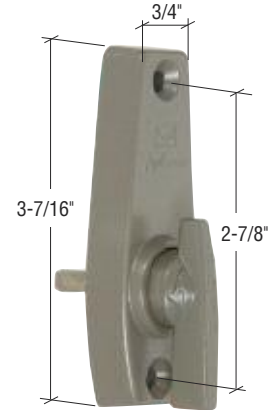


CAT. NO.	FINISH	QTY/PKG
E2033	Gray	1

Minimum order: 1 pack.

CRL Thumbturn

Die cast Thumbturn and escutcheon plate; fits doors made by Andersen.

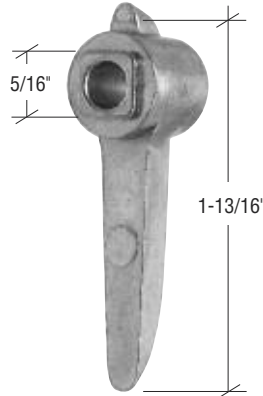


CAT. NO.	FINISH	QTY/PKG
E2176	Stone	1

Minimum order: 1 pack.

CRL Latch Lever

Die cast Latch Lever; zinc plated finish; replacement part for Cat. No. C1023 Handles.

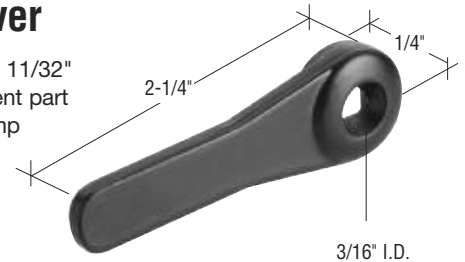


CAT. NO.	FINISH	QTY/PKG
E2062	Zinc	1

Minimum order: 1 pack.

CRL Latch Lever

Die cast Latch Lever; 11/32" square drive; replacement part for Cat. No. C1005 clamp style handle sets.

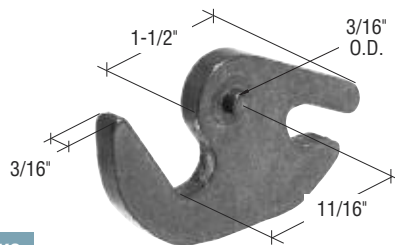


CAT. NO.	FINISH	QTY/PKG
E2476	Black	1
E2477	White	1

Minimum order: 1 pack.

CRL Latch Hook

Die cast Latch Hook is a repair part for old Horizon model Cat. No. C1046 Glass Door Handle, which has been discontinued.

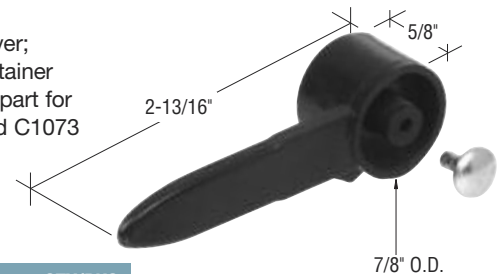


CAT. NO.	QTY/PKG
E2064	1

Minimum order: 1 pack.

CRL Latch Lever

Plastic Latch Lever; includes push-in retainer rivet; replacement part for Cat. No. C1055 and C1073 Handles.



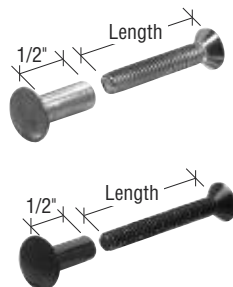
CAT. NO.	FINISH	QTY/PKG
E2039	Black	1

Minimum order: 1 pack.

CRL Binder Posts and Fasteners

CAT. NO.	LENGTH	FINISH	QTY/PKG
E2056	1"	Aluminum	4
E2057	1-1/4"	Aluminum	4
E2155	1-1/2"	Aluminum	4
E2055	2"	Aluminum	4
E2152	2-1/4"	Aluminum	4
E2059	1"	Black	4
E2060	1-1/4"	Black	4
E2156	1-1/2"	Black	4
E2058	2"	Black	4
E2153	2-1/4"	Black	4

Minimum order: 1 pack.



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CRL Pro-2 Silicone Spray

- Our Best Selling Lube
- Waterproofs and Lubricates

Use our versatile CRL Silicone Spray for just about any lubricating need. An effective squeak squelcher, its non-conducting, non-gumming formula repels water. Use it to keep locks working smoothly, and for many other applications.

CAT. NO.	NET WEIGHT	QTY/CASE
PR02	10.75 Oz. (305 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.



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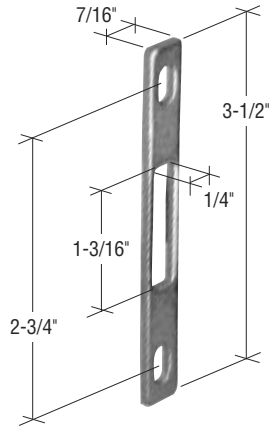
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CRL SLIDING GLASS DOOR LOCK KEEPERS

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CRL Keeper

Stamped steel surface mount Keeper is zinc plated.

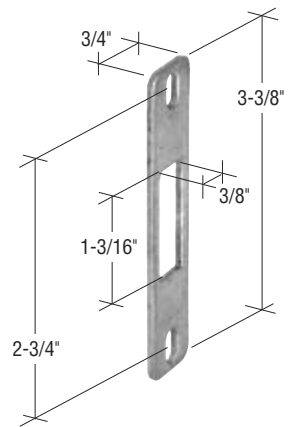


CAT. NO.	FINISH	QTY/PKG
E2016	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Stamped stainless steel surface mount Keeper.

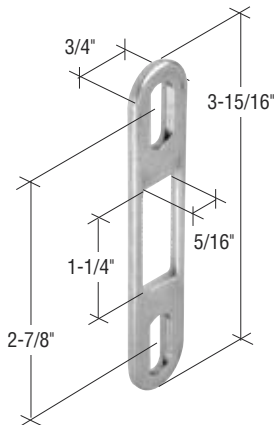


CAT. NO.	FINISH	QTY/PKG
E2017	Stainless	1

Minimum order: 1 pack.

CRL Keeper

Stamped steel surface mount Keeper is zinc plated.



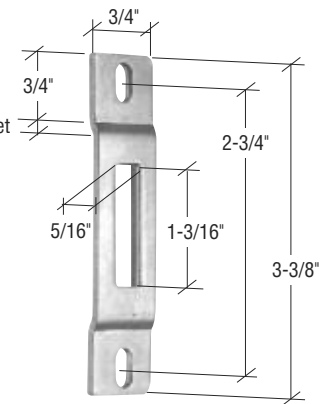
CAT. NO.	FINISH	QTY/PKG
E2097	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Stamped stainless steel surface mount Keeper.

1/16" Offset

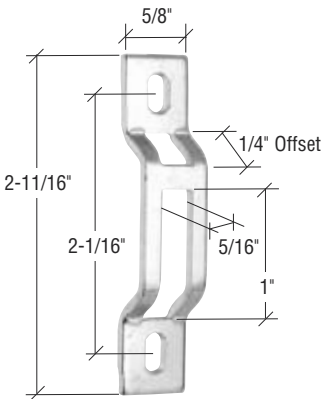


CAT. NO.	FINISH	QTY/PKG
E2015	Stainless	1

Minimum order: 1 pack.

CRL Keeper

Stamped steel surface mount Keeper is zinc plated.

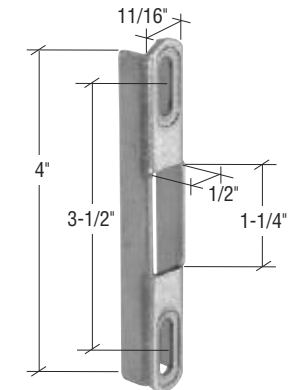


CAT. NO.	FINISH	QTY/PKG
E2085	Zinc	2

Minimum order: 1 pack.

CRL Keeper

Stamped steel surface mount Keeper is zinc plated. Designed for vinyl doors.

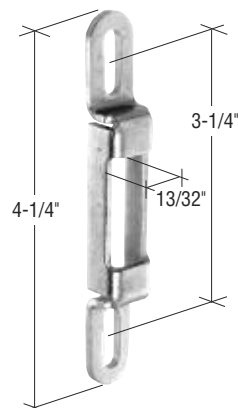


CAT. NO.	FINISH	QTY/PKG
E2138	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Stamped steel surface mount Keeper is zinc plated. Designed for vinyl doors.



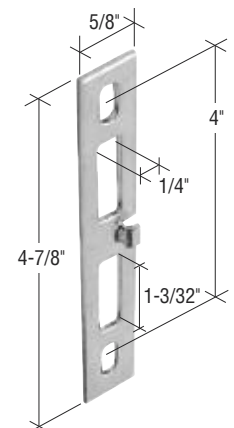
CAT. NO.	FINISH	QTY/PKG
E2471	Zinc	1

Minimum order: 1 pack.

CRL Keeper

• Popular in Canada

Stamped steel surface mount Keeper is zinc plated.



CAT. NO.	FINISH	QTY/PKG
V110S	Zinc	1

Minimum order: 1 pack.

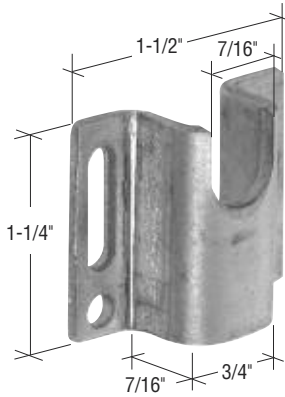
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CRL SLIDING GLASS DOOR LOCK KEEPERS

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CRL Keeper

Stamped stainless steel surface mount Keeper.

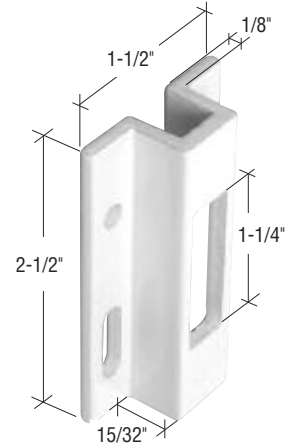


CAT. NO.	FINISH	QTY/PKG
E2472	Stainless	1

Minimum order: 1 pack.

CRL Keeper

Extruded aluminum Keeper with a powder coat white finish. Fits doors made by Viking and other manufacturers.

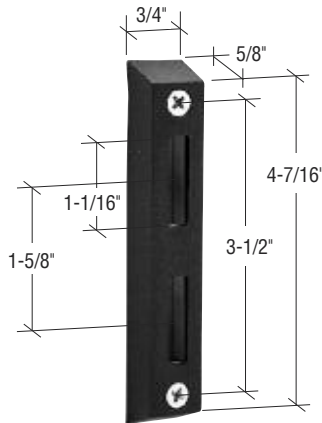


CAT. NO.	FINISH	QTY/PKG
E2124	White	1

Minimum order: 1 pack.

CRL Keeper

Face mount Keeper has a stamped steel inner frame with a removable plastic cover.

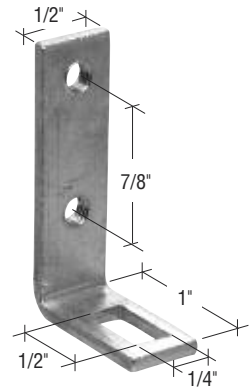


CAT. NO.	FINISH	QTY/PKG
E2078	Black	1
E2160	White	1

Minimum order: 1 pack.

CRL Keeper

Stamped steel surface mount Keeper is zinc plated. Fits doors made by Daryl and Crossly. Mounting screws included.

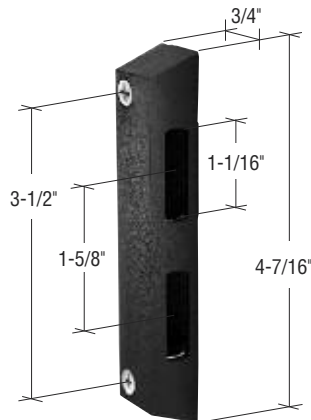


CAT. NO.	FINISH	QTY/PKG
E2086	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Side mount Keeper has a stamped steel inner frame with a removable plastic cover.

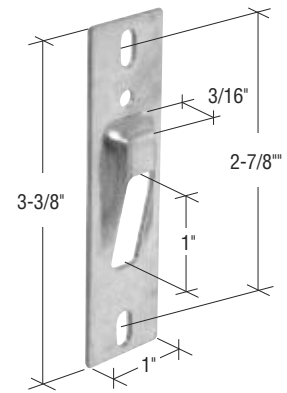


CAT. NO.	FINISH	QTY/PKG
E2061	Black	1
E2150	White	1

Minimum order: 1 pack.

CRL Keeper

Stamped steel surface mount Keeper is zinc plated.



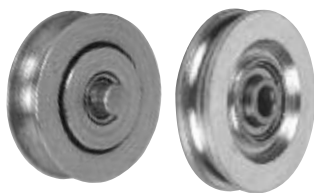
CAT. NO.	FINISH	QTY/PKG
E2020	Zinc	1

Minimum order: 1 pack.

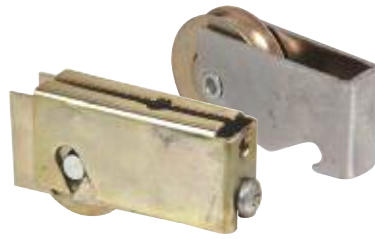
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CRL Replacement Glass Door Rollers

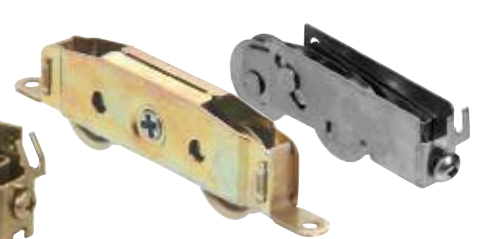
- Large Selection of Both Common and Hard to Find Rollers
- All Have Dimensions for Easy Matching



Door Rollers
See pages 248W - 251W



Door Roller Assemblies
See pages 252W - 273W



Tandem Roller Assemblies
See pages 273W - 278W

CRL SLIDING GLASS DOOR LOCK KEEPERS

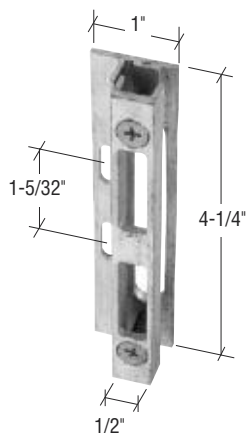
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CRL Keeper

Two piece extruded aluminum Keeper is spring loaded for adjustability. Overall height adjustable from 3/4" (19 mm) to 1/2" (13 mm) to allow door to close tightly against jamb. Originally designed for Pacific Industries doors.

CAT. NO.	FINISH	QTY/PKG
E2050	Aluminum	1
E2051	Black	1

Minimum order: 1 pack.

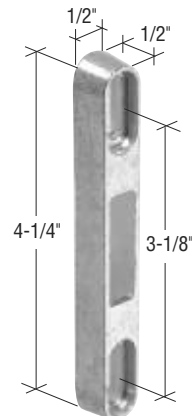


CRL Keeper

Die cast Keeper works with mortise locks. Surface mount, zinc plated.

CAT. NO.	FINISH	QTY/PKG
E2125	Zinc	1

Minimum order: 1 pack.

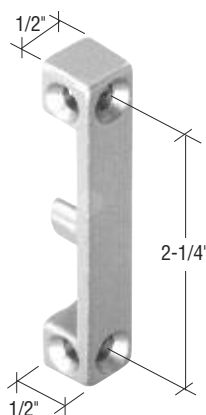


CRL Keeper

Die cast Keeper can be installed face mount or side mount. Used with Cat. No. C1016 style Handles.

CAT. NO.	FINISH	QTY/PKG
E2052	Aluminum	1
E2053	Black	1

Minimum order: 1 pack.

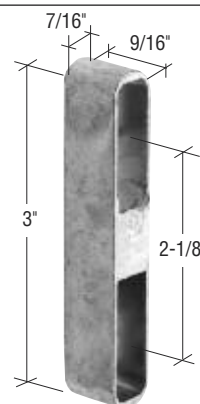


CRL Keeper

Zinc plated die cast Keeper for use with Cat. No. E2079 Latch.

CAT. NO.	FINISH	QTY/PKG
E2134	Zinc	1

Minimum order: 1 pack.

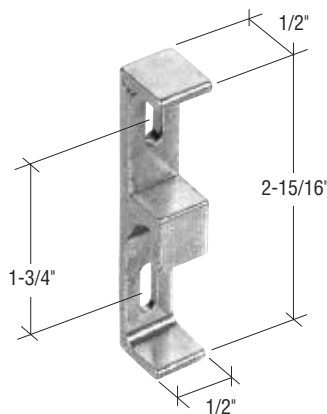


CRL Keeper

Extruded aluminum Keeper has vertical slots for face mounting.

CAT. NO.	FINISH	QTY/PKG
E2094	Zinc	1
E2123	White	1

Minimum order: 1 pack.

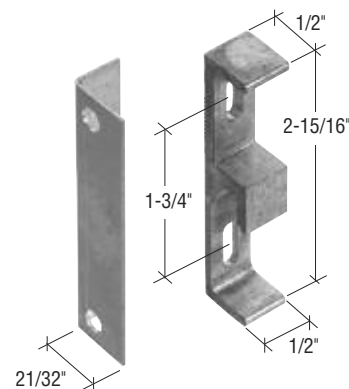


CRL Keeper

Extruded aluminum Keeper has slotted mounting holes, and comes with an aluminum trim angle. Includes extra mounting hardware for attaching Keeper to trim angle.

CAT. NO.	FINISH	QTY/PKG
E2046	Aluminum	1
E2047	Black	1

Minimum order: 1 pack.

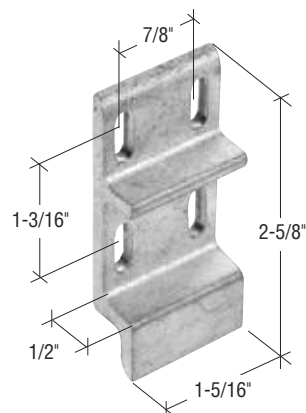


CRL Keeper

Extruded aluminum Keeper designed for use on 5-1/2" wide jambs. Used on Sears sliding doors.

CAT. NO.	FINISH	QTY/PKG
E2044	Aluminum	1
E2045	Black	1

Minimum order: 1 pack.

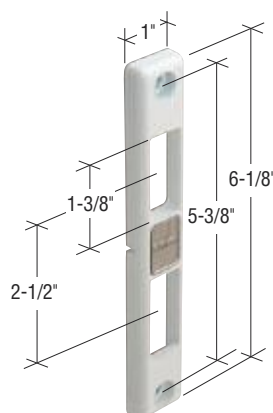


CRL Keeper

This CRL Keeper works with Cat. No. E2192 Two Point Mortise Latch and Cat. No. C1275 Door Handle. Made from die cast zinc, this keeper has a bright white powder coat finish. Fits doors made by Milgard.

CAT. NO.	FINISH	QTY/PKG
HA0208W	White	1

Minimum order: 1 pack.



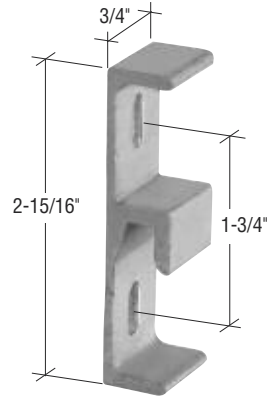
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CRL SLIDING GLASS DOOR LOCK KEEPERS

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CRL Keeper

Extruded aluminum Keeper; face mount design; slotted mounting holes for easy vertical adjustment.

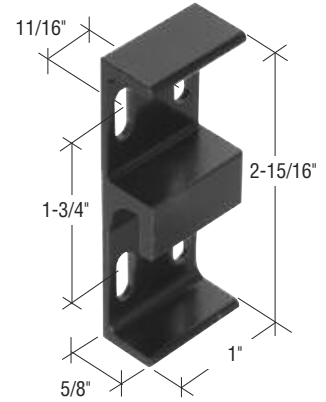


CAT. NO.	FINISH	QTY/PKG
E2120	Aluminum	1

Minimum order: 1 pack.

CRL Keeper

Extruded aluminum Keeper; face mount design; slotted mounting holes for easy vertical adjustment.

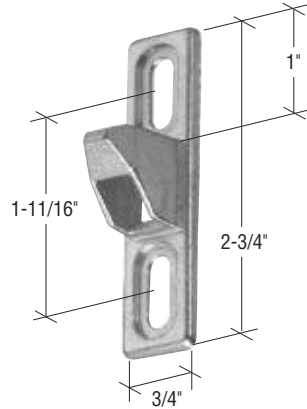


CAT. NO.	FINISH	QTY/PKG
E2048	Aluminum	1
E2049	Black	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper; large slotted screw mounting holes allow for easy vertical adjustments; popular for most Flush Handle sets.

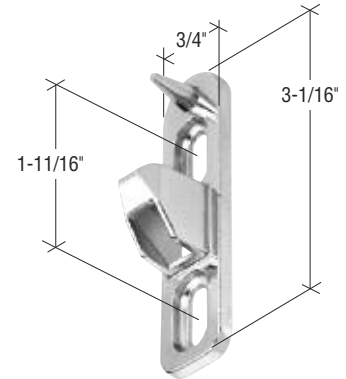


CAT. NO.	FINISH	QTY/PKG
E2040	Chrome	1
E2099	Black	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper; large slotted screw mounting holes allow for easy vertical adjustment; anti-lift pin.

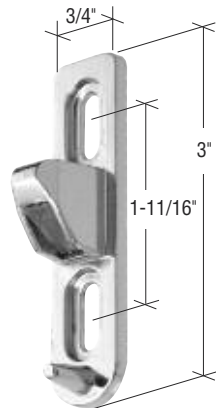


CAT. NO.	FINISH	QTY/PKG
E2098	Chrome	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper; large slotted screw mounting holes allow for easy vertical adjustment; anti-lift pin.

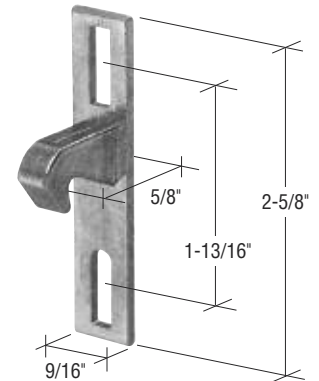


CAT. NO.	FINISH	QTY/PKG
E2172	Chrome	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper; face mount with large slotted mounting screw holes for easy vertical adjustment.

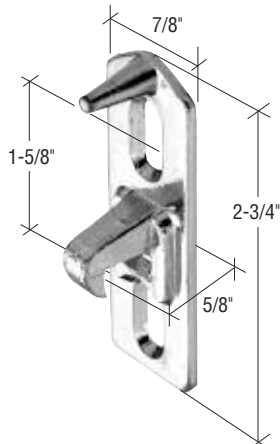


CAT. NO.	FINISH	QTY/PKG
E2093	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper; face mount with large slotted mounting screw holes for easy vertical adjustment.

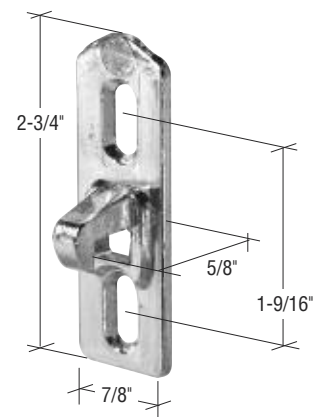


CAT. NO.	FINISH	QTY/PKG
E2083	Chrome	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper; face mount with large slotted mounting screw holes for easy vertical adjustment.



CAT. NO.	FINISH	QTY/PKG
E2089	Chrome	1

Minimum order: 1 pack.

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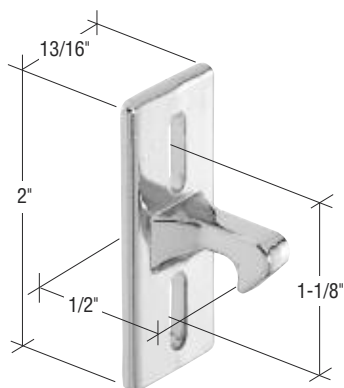
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CRL Keeper

Die cast face mount Keeper with large slotted mounting screw holes for easy vertical adjustment. Used on doors made by Miller Industries.

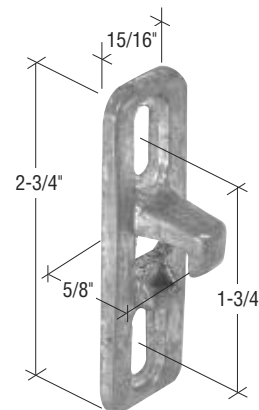


CAT. NO.	FINISH	QTY/PKG
E2084	Chrome	1

Minimum order: 1 pack.

CRL Keeper

Die cast face mount Keeper with large slotted mounting screw holes for easy vertical adjustments.

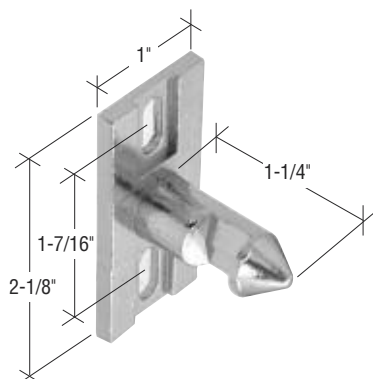


CAT. NO.	FINISH	QTY/PKG
E2137	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Die cast face mount Keeper with large slotted mounting screw holes for easy vertical adjustment. Used on doors made by Capitol and Parlyn.

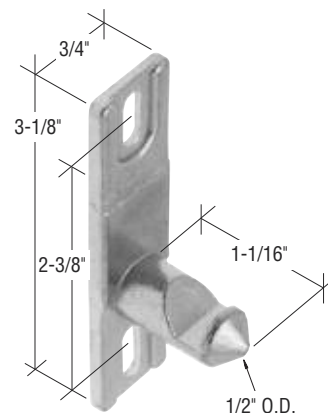


CAT. NO.	FINISH	QTY/PKG
E2096	Chrome	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper and Rubber Bumper. Fits on doors using Cat. No. C1025 Handle.

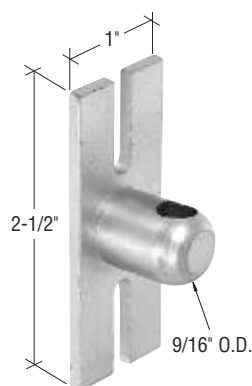


CAT. NO.	FINISH	QTY/PKG
E2041	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Steel Keeper with mounting slots for easy vertical adjustments. Fits on doors using Cat. No. C1089 type Handle.

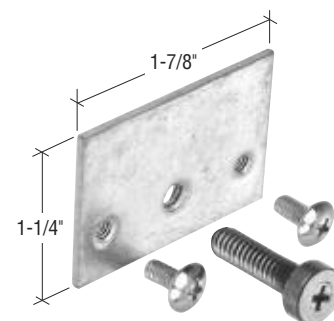


CAT. NO.	FINISH	QTY/PKG
E2165	Gray	1

Minimum order: 1 pack.

CRL Keeper

Steel retainer plate with adjustable Keeper Screw. Works with Cat. No. C1028 Handle and Cat. No. E2080 Mortise Lock used by Guaranteed Products.

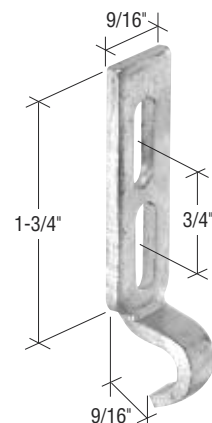


CAT. NO.	FINISH	QTY/PKG
E2109	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Stamped steel Keeper with mounting slots for easy vertical adjustment. Works with Cat. No. C1095 Handle.

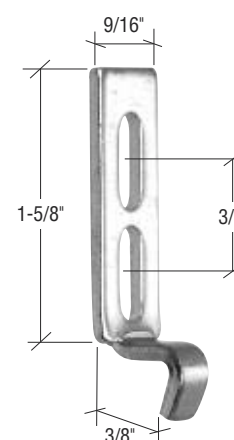


CAT. NO.	QTY/PKG
E2122	2

Minimum order: 1 pack.

CRL Keeper

Stamped steel Keeper with mounting slots for easy vertical adjustments. Works with Cat. No. C1018 style Handle.



CAT. NO.	QTY/PKG
E2054	2

Minimum order: 1 pack.

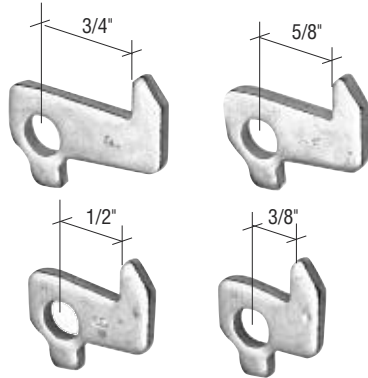
All packs of Replacement Hardware can be combined for quantity pricing.

CRL SLIDING GLASS DOOR LATCH PARTS

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CRL Latch Hook Assortment

Stamped steel Latch Hook assortment for flush style lock assemblies; pack contains four different projections.

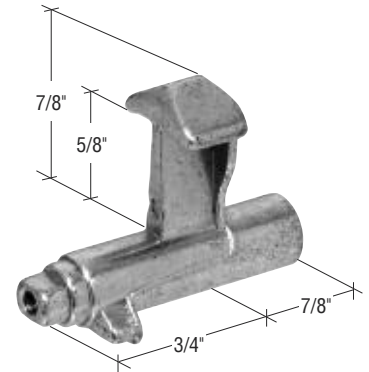


CAT. NO.	QTY/PKG
E2108	4

Minimum order: 1 pack.

CRL Latch Hook

Die cast Latch Hook for 1" thick doors; used with Cat. No. C1018 style glass door Handles.

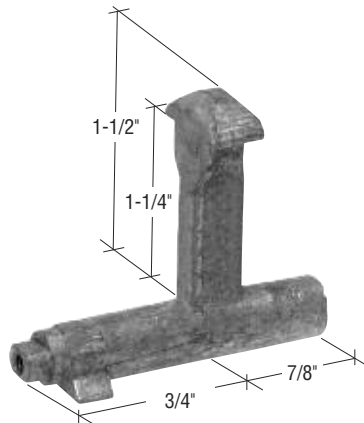


CAT. NO.	QTY/PKG
E2168	1

Minimum order: 1 pack.

CRL Latch Hook

Die cast Latch Hook for wood framed sliding glass doors; Hook has a full 1-1/2" latch extension for the deeper backset on many wood doors; works with Cat. No. C1018 style glass door Handles.

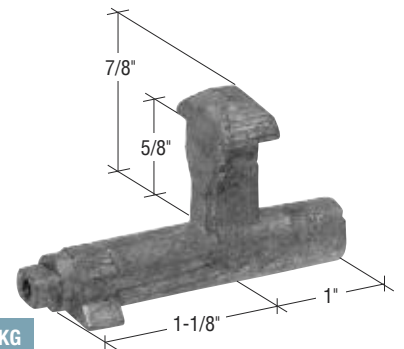


CAT. NO.	QTY/PKG
SB135	1

Minimum order: 1 pack.

CRL Latch Hook

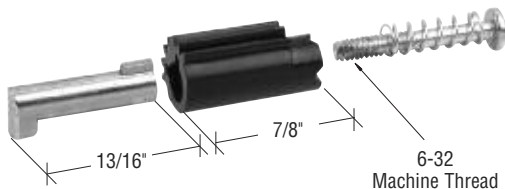
Die cast Latch Hook for 1-1/4" thick doors; used with Cat. No. C1018 style glass door Handles.



CAT. NO.	QTY/PKG
E2106	1

Minimum order: 1 pack.

CRL Latch Pins



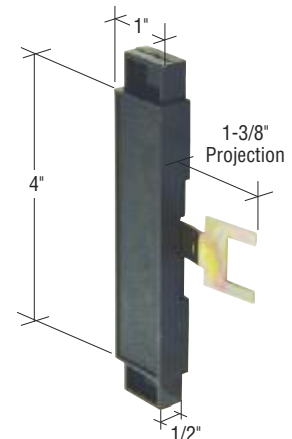
Plastic sleeve with a spring loaded Latch Pin; repair part for Cat. No. C1014 and C1015. Ador/HiLite glass door Handles.

CAT. NO.	QTY/PKG
E2032	2

Minimum order: 1 pack.

CRL Slide Latch Assembly

Black plastic housing with stamped steel activator fork; repair part for Guaranteed Products Cat. No. C1028 glass door Handle.

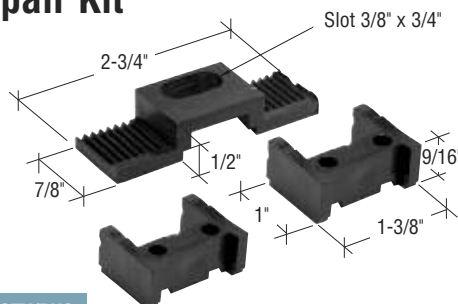


CAT. NO.	QTY/PKG
E2127	1

Minimum order: 1 pack.

CRL Latch Repair Kit

Plastic component parts for repairing Cat. No. C1014 and C1015 Ador/HiLite glass door Handles; used with Cat. No. E2032 Latch Pins.

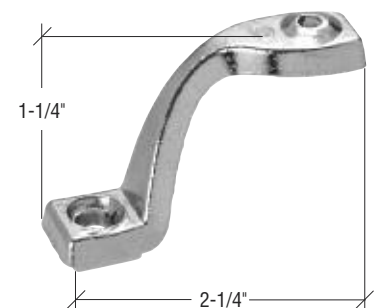


CAT. NO.	QTY/PKG
E2092	1

Minimum order: 1 pack.

CRL Handle Brackets

Die cast chrome plated Bracket Set for mounting Cat. No. C1034 style wood handles to flush handle sets.



CAT. NO.	QTY/PKG
E2102	1 set

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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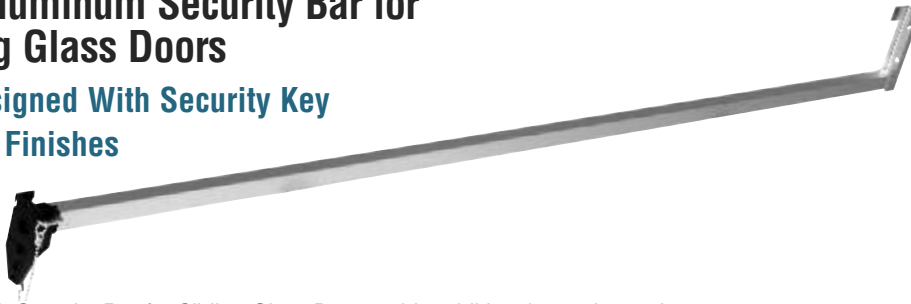
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CRL DOOR SECURITY HARDWARE

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CRL Aluminum Security Bar for Sliding Glass Doors

- Redesigned With Security Key
- Three Finishes



This CRL Security Bar for Sliding Glass Doors adds additional security against forced entry. Simple yet effective bar helps prevent doors from being slid open once the handle latch has been overcome. Quickly and easily install this aluminum bar, which folds down and locks into the edge of the door, or folds up against the jamb when not in use. The 5/8" (16 mm) square extruded aluminum tube comes 48" (1219 mm) long, and can be cut down to fit narrower doors. All necessary hardware is provided, including the plastic saddle and plated steel hinge bracket. Longer Security Bars are available by special order.

CAT. NO.	FINISH	BAR LENGTH	QTY/PKG
S4013	Aluminum	48" (1219 mm)	1
S4154	Dark Bronze	48" (1219 mm)	1
S4220	White	48" (1219 mm)	1

Minimum order: 1 pack.

CRL Security Bar Lock for Sliding Glass Doors

- Telescopic Adjustment for 28" to 48" Doors
- Two Finishes



The CRL Security Bar Lock for Sliding Glass Doors helps prevent forced entry through sliding glass doors. It has telescopic adjustability to accommodate 28" to 48" (711 to 1219 mm) wide sliding patio doors. Made from two square extruded aluminum tubes, one sliding inside of the other, and a locking collar to lock the bar's length once it has been adjusted to match the width of the door.

CAT. NO.	FINISH	BAR LENGTH	QTY/PKG
U9920	Aluminum	28" - 48" (711-1219 mm)	1
U9921	White	28" - 48" (711-1219 mm)	1

Minimum order: 1 pack.

CRL Heavy-Duty Push/Pull Lock

- Reversible Handing
- Snap-On Cover

CRL Heavy-Duty Extruded Push/Pull Lock has a white finish and includes a keeper and plastic snap-on cover to conceal the mounting screws.

Locking pin is spring-loaded, and will lock door automatically when closed unless pin is retracted and twisted 90 degrees. Overall pin length is 5-1/2" (140 mm). Minimum order is one each.

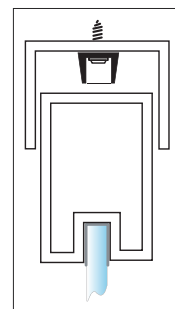


CAT. NO. U10829

CRL "Anti-Lift" Patio Door Bumpers

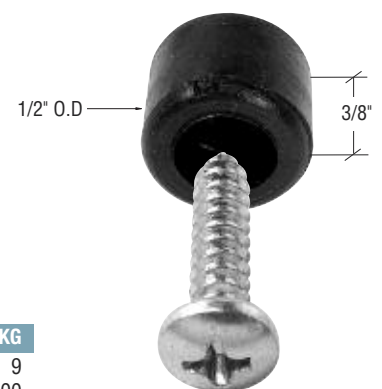
- Prevents Glass Door Lift-Out

These CRL "Anti-Lift" Patio Door Bumpers deter burglars from lifting out your sliding glass door. When installed into the header, they reduce the gap between the frame and the top of the door, so the door cannot be lifted out when closed. Screws are included.



CAT. NO.	QTY/PKG
S4028	9
S4028B	100

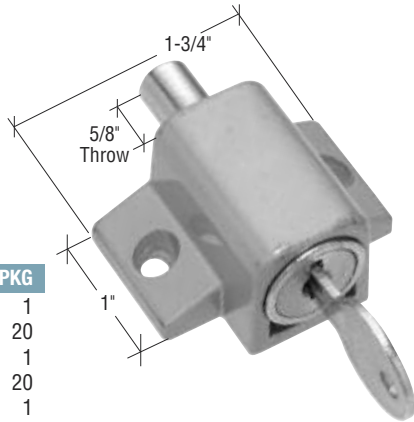
Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Keyed Patio Door Lock

The CRL Keyed Patio Door Lock features a case hardened steel bolt with push button locking. Unlocks only with a key, making it childproof, as well as preventing prying or lifting of the door.

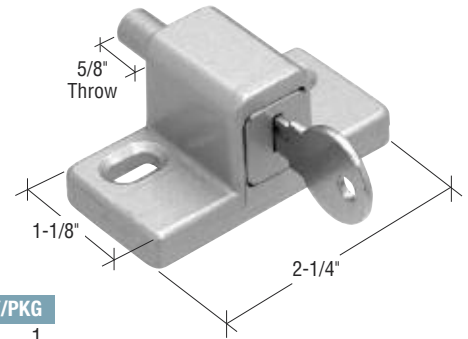


CAT. NO.	FINISH	QTY/PKG
S4004	Aluminum	1
S4004B	Aluminum	20
S4005	Black	1
S4005B	Black	20
S4360	White	1
S4360B	White	10

Minimum order: 1 pack.

CRL Push-In Keyed Lock

The CRL Push-In Keyed Patio Door Lock has a painted die cast housing with a hardened steel bolt. Unlocks only with a simple flat stamped steel key. Locks door in a closed or ventilating position, and is very easy to install.

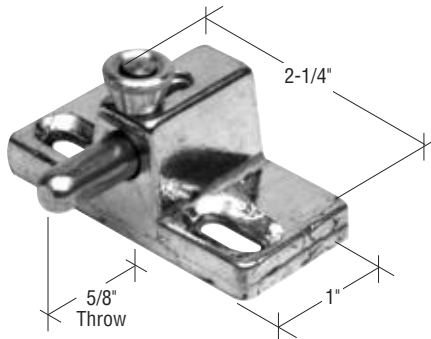


CAT. NO.	FINISH	QTY/PKG
S4210	Aluminum	1
S4211	Black	1

Minimum order: 1 pack.

CRL Slide Bolt Lock

The CRL Patio Door Lock has a 5/16" (8 mm) diameter steel pin with a 5/8" (16 mm) throw. Pin is held in either the retracted or locked position by means of a spring-loaded cap. Zinc die cast housing.

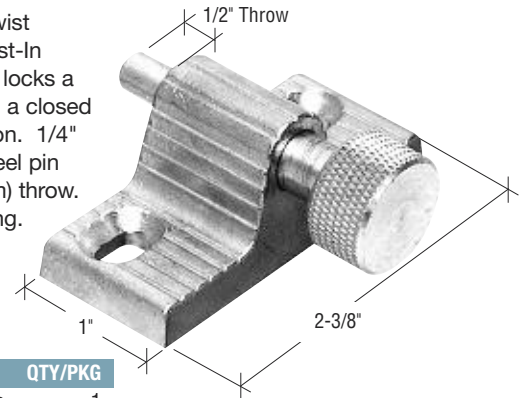


CAT. NO.	FINISH	QTY/PKG
S4006	Aluminum	1
S4006B	Aluminum	20
S4007	Black	1
S4007B	Black	20
S4414	White	1
S4414B	White	10

Minimum order: 1 pack.

CRL Twist-In Bolt Lock

Using a simple twist action, the CRL Twist-In Door Lock securely locks a sliding patio door in a closed or ventilating position. 1/4" (6 mm) Diameter steel pin has a 1/2" (12.7 mm) throw. Zinc die cast housing.

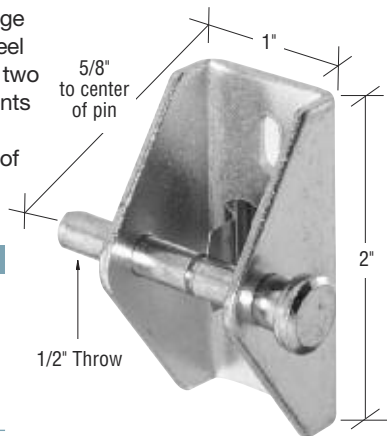


CAT. NO.	FINISH	QTY/PKG
S4002	Aluminum	1
S4002B	Aluminum	10
S4003	Black	1
S4003B	Black	10
S4354	White	1
S4354B	White	10

Minimum order: 1 pack.

CRL Push-Pull Lock

The CRL Push-Pull Door and Window Lock has a heavy gauge steel housing and hardened steel bolt. Its positive spring-loaded two position push/pull action prevents accidental lockout, as well as preventing the sliding or lifting of the door or window.

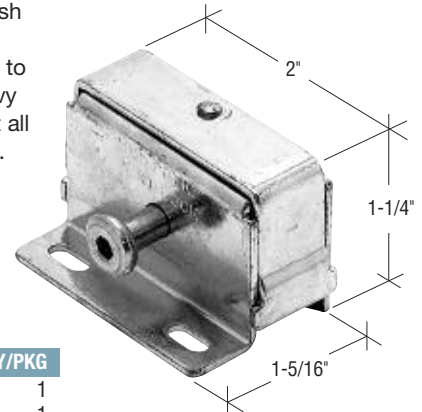


CAT. NO.	FINISH	QTY/PKG
S4009	Aluminum	1
S4009B	Aluminum	10
S4029	Black	1
S4029B	Black	10
S4356	White	1
S4356B	White	10

Minimum order: 1 pack.

CRL Step-On Pin Lock

With this CRL Push-Bolt Step-On Lock, simply push the spring-loaded bolt to lock, and step on the top to unlock. It is made of heavy gauge steel and fits most all patio door configurations.



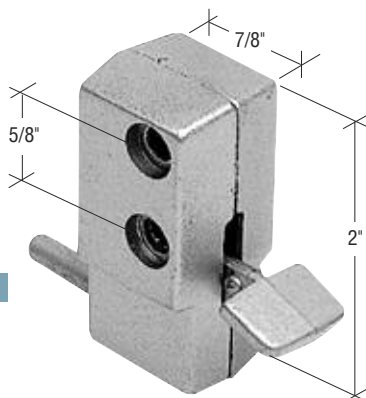
CAT. NO.	FINISH	QTY/PKG
S4008	Aluminum	1
S4025	Black	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Step-On Door Lock

The CRL Step-On Patio Door Lock has a painted die cast housing with a 7/32" (5.5 mm) diameter steel pin. Pin extends 7/8" (22 mm) in the locked position. Housing is mounted on the bottom edge of the inside panel.

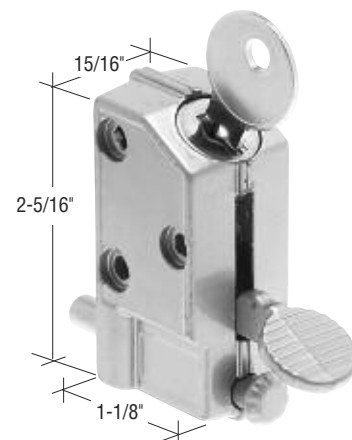


CAT. NO.	FINISH	QTY/PKG
S4023	Aluminum	1
S4023B	Aluminum	10
S4041	Black	1
S4041B	Black	10
S4355	White	1
S4355B	White	10

Minimum order: 1 pack.

CRL Keyed Step-On Door Lock

This CRL Step-On Patio Door Lock has a painted die cast housing with 1/4" (6.3 mm) diameter steel pin. Pin extends 11/16" (17.4 mm) in the locked position. The pin can only be locked or unlocked with the key cylinder in the unlocked position. Housing is designed to be mounted on the bottom edge of the inside door panel.

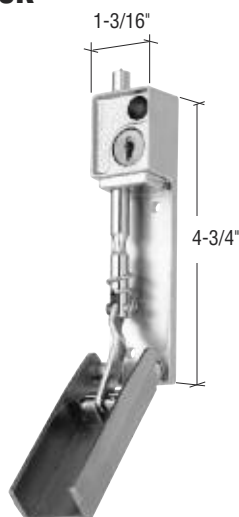


CAT. NO.	FINISH	QTY/PKG
S4046	Aluminum	1
S4426	White	1

Minimum order: 1 pack.

CRL Keyed Bolt Door Lock

This heavy-duty Keyed Bolt Door Lock has a zinc die cast base with the extruded aluminum cap and a 5/16" (8 mm) diameter steel pin. By closing cap, the toggle assembly extends lock pin 1-1/2" (38 mm). Pin remains locked until cap is opened. Cap can be key locked to prevent unauthorized unlocking from inside.



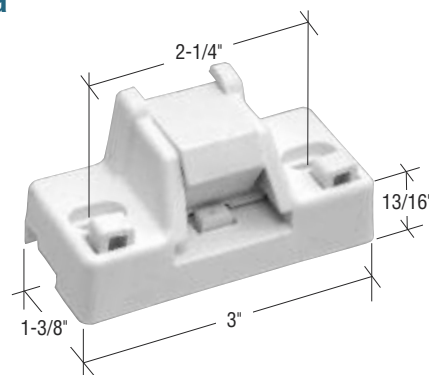
CAT. NO.	FINISH	QTY/PKG
S4261	Aluminum	1
S4707	White	1

Minimum order: 1 pack.

CRL Step-On Patio Door Lock

• Popular in Canada

This CRL Step-On Patio Door Lock is molded from a impact resistant glass filled nylon. Lock is designed to be mounted on vinyl framed doors having a stile thickness of 1-1/2" or more. Lock has a single steel pin 1/4" (6.3 mm) diameter.



CAT. NO.	FINISH	QTY/PKG
V305W	White	1
V305BL	Black	1

Minimum order: 1 pack.

CRL Foot Operated Door Lock

This Foot Operated Door Lock is made from a high impact plastic with a spring loaded 5/16" (8 mm) diameter steel pin. Housing securely mounts to door face with four mounting screws, the pin extends and locks 1/2" (12.7 mm) with a slight downward push, then releases with the tap of your toe on the housings face.



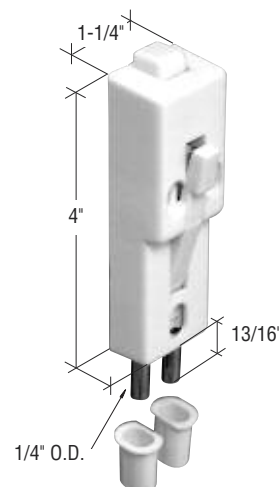
CAT. NO.	FINISH	QTY/PKG
S4708	White	1

Minimum order: 1 pack.

CRL Step-On Patio Door Lock

• Popular in Canada

This CRL Step-On Patio Door Lock is molded from a impact resistant glass filled nylon. Lock is designed to be mounted on the bottom edge of the door stile. Tandem 1/4" (6.3 mm) diameter steel locking pins will straddle the roller track on bottom threshold to give maximum locking strength. Pin extension is 3/4" (19 mm) in the locked position.



CAT. NO.	FINISH	QTY/PKG
S4528	White	1

Minimum order: 1 pack.

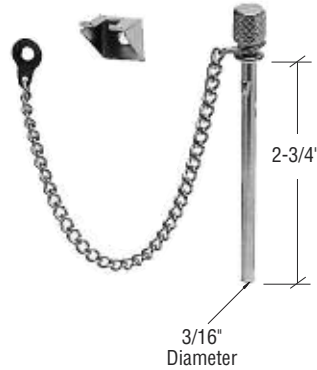
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Window and Door 'Nite-Lock' Pin

The CRL Sliding Window and Door 'Nite-Lock' Pin has a plated, case hardened steel pin which locks into a retaining ring when engaged. It securely locks either a window or patio door in a closed or ventilating position, and prevents the sliding or lifting of the door. When unlocked, the pin stores in its holder.

CAT. NO.	FINISH	QTY/PKG
S4011	Zinc Plated	1
S4011B	Zinc Plated	25
S4148	Black	1

Minimum order: 1 pack.

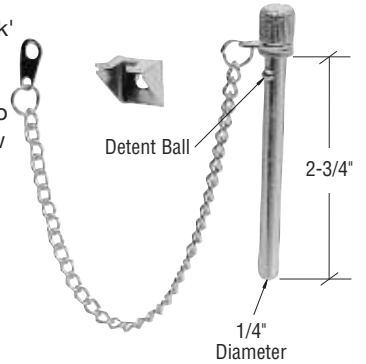


CRL Window and Door 'Nite-Lock' Pin With Detent-Ball

The CRL Sliding Door 'Nite-Lock' Pin has a plated, case hardened steel pin which has a "detent ball" on the end to help hold the pin into place. It securely locks the window or patio door in a closed or ventilating position and prevents sliding or lifting. When unlocked, the pin stores in its holder.

CAT. NO.	FINISH	QTY/PKG
S4066	Zinc Plated	1
S4066B	Zinc Plated	25

Minimum order: 1 pack.



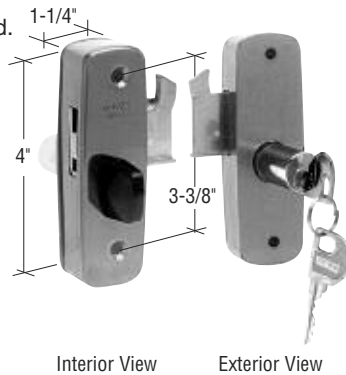
CRL Keyed Patio Door Lock

This CRL Keyed Door Lock has a thumbturn inside and key cylinder outside and is non-handed. As lock is activated a steel hook and separate anti lift bar engages a stamped steel keeper.

Lock requires a 3/4" (19 mm) diameter hole to be drilled through door stile. Cylinder will accommodate a stile thickness up to 1-1/4" (32 mm). Exterior trim ring also included. Keeper is double slotted for either surface or face mount applications.

CAT. NO.	FINISH	QTY/PKG
NDS32D	Aluminum	1
NDS10B	Dark Bronze	1

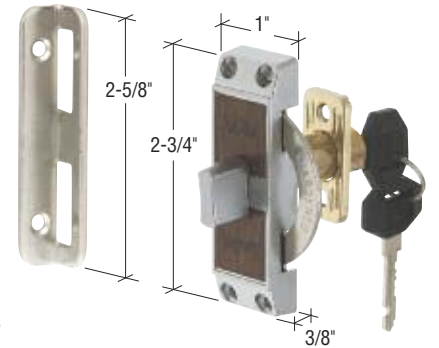
Minimum order: 1 each.



CRL Deadbolt Loop Lock

Deadbolt Door Lock has a thumbturn turn inside and optional key cylinder outside and is non-handed.

Lock has a flat steel hook which engages a heavy gauge stamped steel keeper. Lock requires a 3/4" (19 mm) diameter hole to be drilled through door stile. Cylinder will accommodate a stile thickness up to 1-3/8" (35 mm).



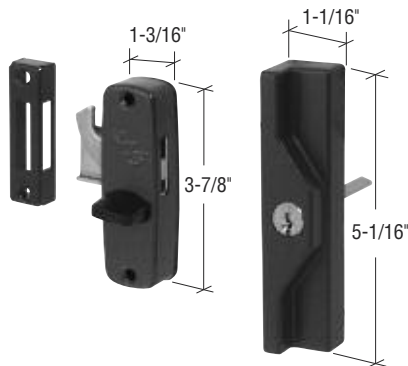
CAT. NO.	FINISH	KEYED	QTY/PKG
S4060	Aluminum	Yes	1
S4061	Aluminum	No	1

Minimum order: 1 pack.

CRL Keyed Patio Guard Deadbolt

The NOH Series includes a deadbolt with a supplied outside handle. Also included is a choice of a blank Weiser or Schlage cylinder giving the ability to key the NOH to the customer's front door. The strike, spacer, handle and necessary mounting hardware are included. Lock comes with two key blanks.

new



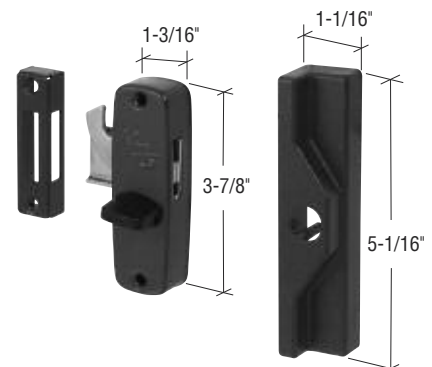
CAT. NO.	KEY TYPE	FINISH	QTY/PKG
NOH10XSC	Schlage	Bronze	1
NOH10XWR	Weiser	Bronze	1
NOH32XSC	Schlage	Silver	1
NOH32XWR	Weiser	Silver	1
NOHWXSC	Schlage	White	1
NOHWXWR	Weiser	White	1

Minimum order: 1 each.

CRL Patio Guard Deadbolt

The NDSOH is identical to the NOH without the supplied blank Schlage or Weiser cylinder and key blanks. Simply install any six-pin conventional door cylinder to fit the application. Strike, spacer, handle, and mounting hardware are included.

new



CAT. NO.	FINISH	QTY/PKG
NDSOH10	Bronze	1
NDSOH32	Silver	1
NDSOHW	White	1

Minimum order: 1 each.

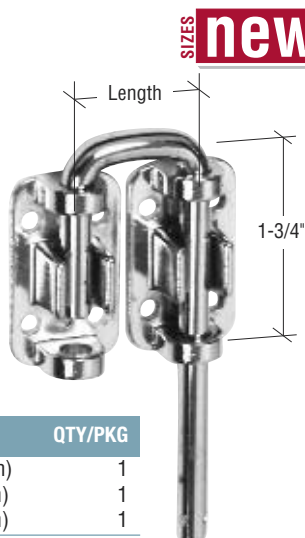
CRL DOOR SECURITY HARDWARE

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CRL Sliding Door Loop Lock

• Chrome Plated Steel

The CRL Sliding Door Loop Lock has a chrome plated, hardened steel loop; available in three lengths; includes die cast bracket and keeper. The Loop Lock secures the door to the jamb, offering both security and style.



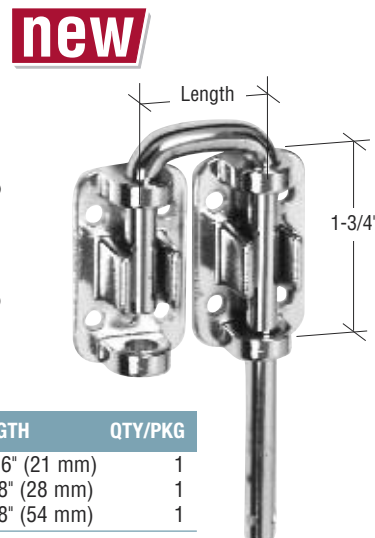
CAT. NO.	FINISH	LENGTH	QTY/PKG
S4376	Chrome	13/16" (21 mm)	1
S4377	Chrome	1-1/8" (28 mm)	1
S4379	Chrome	2-1/8" (54 mm)	1

Minimum order: 1 pack.

CRL Sliding Door Loop Lock

• Brushed Stainless Steel

The CRL Sliding Door Loop Lock has a brushed stainless steel loop; available in three lengths; includes die cast bracket and keeper. The Loop Lock secures the door to the jamb, offering both security and style.

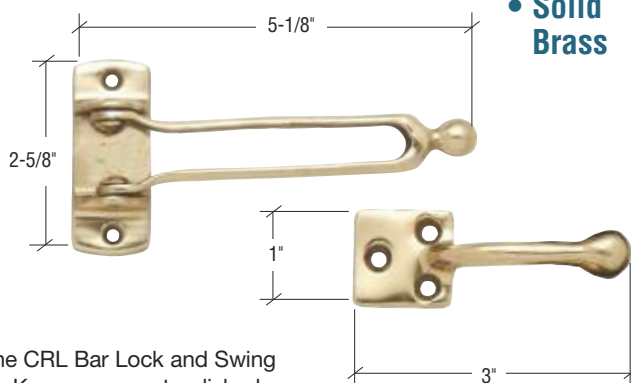


CAT. NO.	FINISH	LENGTH	QTY/PKG
S4380	Brushed S.S.	13/16" (21 mm)	1
S4381	Brushed S.S.	1-1/8" (28 mm)	1
S4382	Brushed S.S.	2-1/8" (54 mm)	1

Minimum order: 1 pack.

CRL Swing Bar Lock

• Solid Brass

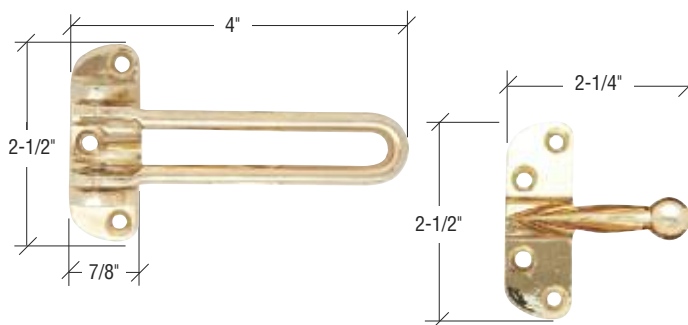


The CRL Bar Lock and Swing Loop Keeper are cast polished brass. The ball on the Bar Lock interlocks with the Keeper, allowing the door to be opened 2" (51 mm) for viewing or ventilation, while deterring forced entry.

CAT. NO.	FINISH	QTY/PKG
S4182	Brass	1

Minimum order: 1 pack.

CRL Swing Bar Lock

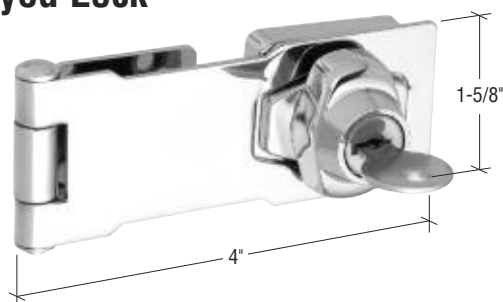


The CRL Bar Lock and Swing Loop Keeper are polished and plated zinc die castings. The ball on the Bar Lock interlocks with the Keeper, allowing the door to be opened 2" (51 mm) for viewing or ventilation, while deterring forced entry.

CAT. NO.	FINISH	QTY/PKG
S4059	Brass	1
S4121	Chrome	1
S4122	Brushed Chrome	1
S4529	Satin Nickel	1

Minimum order: 1 pack.

CRL Steel Hasp and Keyed Lock

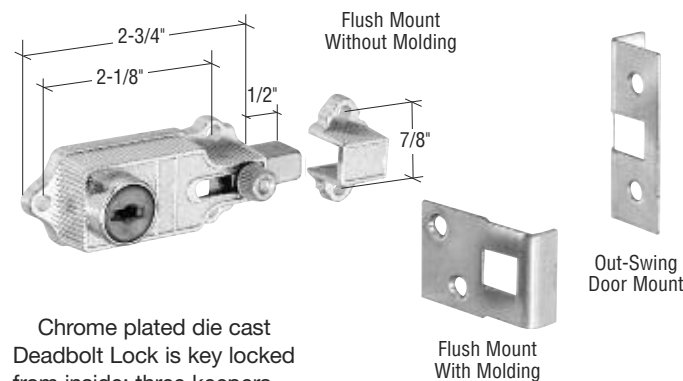


Chrome plated Steel Hasp hinges over die cast Twist Lock. Twist knob to automatically lock; use key to unlock. Two keys included. Hasp covers mounting screws when in locked position.

CAT. NO.	FINISH	QTY/PKG
U9951	Chrome	1

Minimum order: 1 pack.

CRL Keyed Deadbolt Lock



Chrome plated die cast Deadbolt Lock is key locked from inside; three keepers offer flexible mounting for both in-swing and out-swing doors.

CAT. NO.	FINISH	QTY/PKG
S4052	Chrome	1

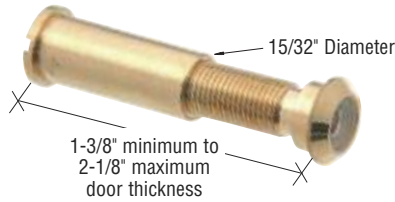
Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL DOOR SECURITY HARDWARE

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 160 Degree Door Viewers



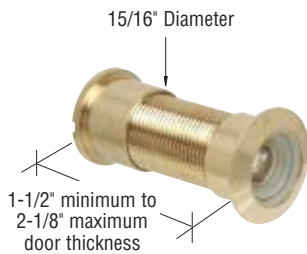
The CRL Standard Door Viewer allows a 160 degree field view of the outside. All Viewers are made from solid brass; UL Listed Viewers have glass lenses, while non-UL Listed Viewers have a plastic lens. Viewers are easy to install by drilling a 1/2" (13 mm) diameter hole through door.

CAT. NO.	FINISH	UL LISTED	QTY/PKG
S4019	Brass	No	1
S4019B	Brass	No	10
S4178	Brass	Yes	1
S4365	Satin Chrome	Yes	1

Minimum order: 1 pack.

CRL 160 Degree Wide Angle Door Viewer

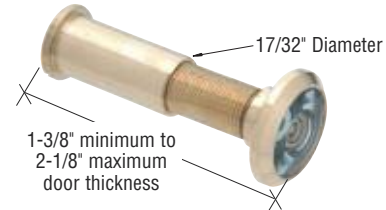
The CRL Wide Angle Door Viewer allows a 160 degree view of the outside. The wide angle Viewer has a solid brass housing with glass lens. Will fit a 1-1/2" to 2-1/8" (38 to 54 mm) thick wood or metal door. Easy to install by drilling a 1" (25 mm) hole through door and screwing the two sections together.



CAT. NO.	FINISH	QTY/PKG
S4021	Brass	1

Minimum order: 1 pack.

CRL Wide Angle Door Viewers

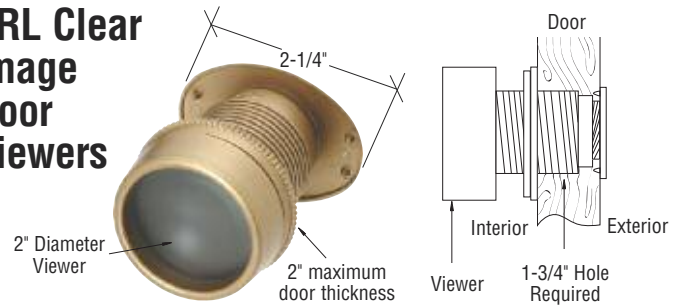


The CRL Wide Angle Door Viewer allows up to a 200 degree field of view of the outside. All Viewers are made from solid brass; UL Listed Viewers have glass lenses, while non-UL Listed Viewers have a plastic lens. Viewers are easy to install by drilling a 9/16" (14 mm) diameter hole through door.

CAT. NO.	FINISH	UL LISTED	VIEW	QTY/PKG
S4020	Brass	No	180 Degrees	1
S4020B	Brass	No	180 Degrees	10
S4179	Brass	Yes	200 Degrees	1
S4366	Satin Chrome	Yes	190 Degrees	1

Minimum order: 1 pack.

CRL Clear Image Door Viewers



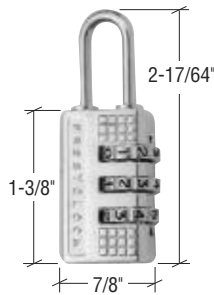
A "clear-image" prism allows arms length viewing. High-impact plastic housing requires a 1-3/4" (44 mm) diameter hole. Fit 1-3/8" to 2" (35 to 51 mm) thick doors. Prism image produces a reversed or mirrored image.

CAT. NO.	FINISH	QTY/PKG
U9915	Gold	1
U9916	Bronze	1
U9917	White	1
U9918	Gray	1

Minimum order: 1 pack.

CRL Brite Nickel Plated Combination Lock

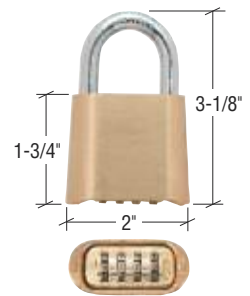
This CRL Combination Lock has a three-digit number tumbler which can be easily "personalized" using 1,000 possible combinations, and can be changed whenever there is a need to do so. The die cast housing is strong and durable, while the steel shackle provides desired security. This very functional Lock can be used on tool cases, luggage, golf bags, gym bags or lockers. Minimum order is one each.



CAT. NO. K3470BN

CRL Keyless Combination Padlock

This rugged CRL Keyless Combination Padlock is made of all brass, and offers you extra security because you can change the combination at any time with 10,000 possible combinations. It has a solid brass body and mechanism, and the case-hardened steel shackle is zinc plated to resist corrosion. This strong yet simple Padlock gives full locking security indoors or out. Minimum order is one each.



CAT. NO. K436

CRL Keyed Steel Padlock

The CRL Chromatized Laminated Steel Padlock has a hardened steel shackle. It is an excellent Padlock for your tool box at a good price. One Padlock and two keys per package. Minimum order is one each.

new



CAT. NO. APSJ30

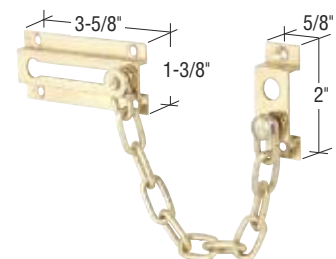
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Chain Door Guard

The CRL Chain Door Guard is solid brass with a plated steel chain. The chain slides into the keeper to secure the door while allowing viewing and ventilation. Easy to install.

CAT. NO.	FINISH	QTY/PKG
S4042	Brass	1

Minimum order: 1 pack.

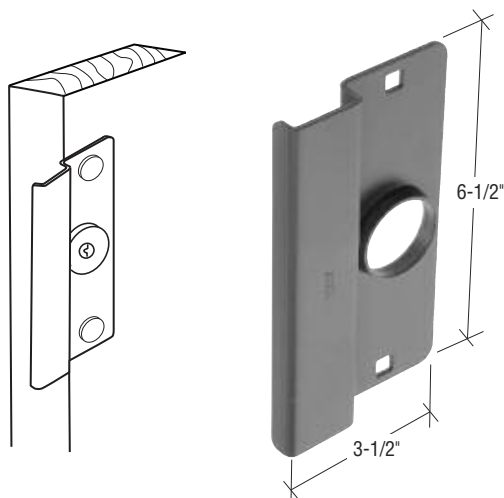


C.R. LAURENCE COMPANY

crlaurence.com | usalum.com

US ALUMINUM 328W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Heavy Gauge Latch Guard

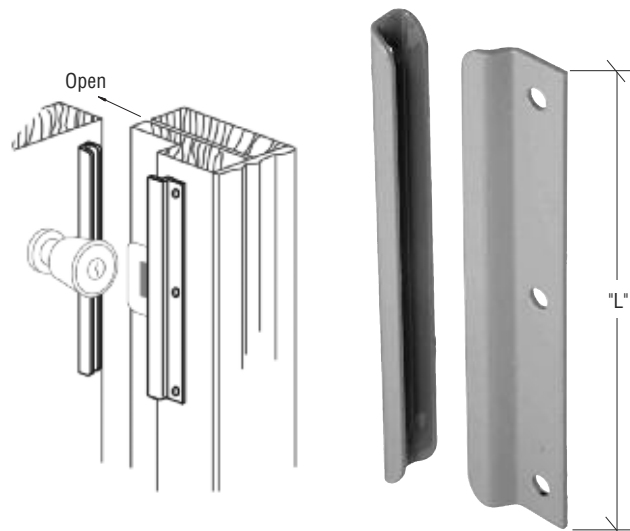


CRL Latch Guards are made from heavy gauge steel and are designed to protect the out-swinging door from being forced open with a pry bar. Latch Guard is held onto the door with carriage bolt, acorn nut, and push rivet. Two painted finishes available.

CAT. NO.	FINISH	QTY/PKG
8852AL	Aluminum	1
8852DU	Duranodic Bronze	1

Minimum order: 1 each. Latches can be combined for quantity pricing.

CRL Latch Guard

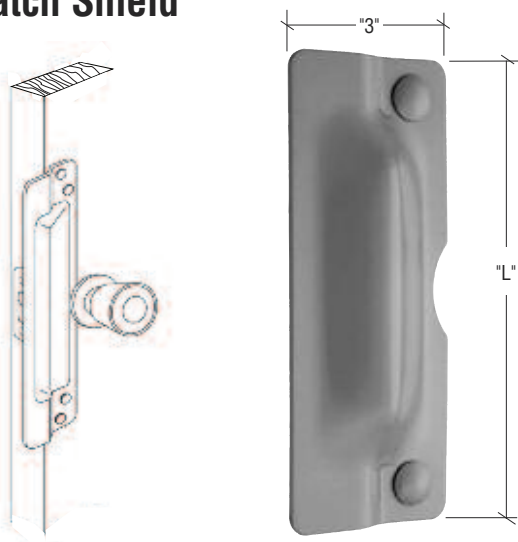


Interlocking plates of heavy gauge steel protect latches on in-swinging doors against forced entry. CRL Latch Guards are supplied with one-way security mounting screws, and have a painted gray finish.

CAT. NO.	FINISH	"L" LENGTH	QTY/PKG
U9511	Painted Gray	6" (152 mm)	1
U9513	Painted Gray	12" (305 mm)	1

Minimum order: 1 each. Latches can be combined for quantity pricing.

CRL Latch Shield



Made of heavy gauge steel plate, the CRL Latch Shield offers protection against forced entry on out-swinging doors. Available in two sizes and two colors. The kit includes a plate, two carriage bolts, and two acorn nuts.

CAT. NO.	FINISH	"L" LENGTH	QTY/PKG
U9500	Painted Gray	7" (178 mm)	1
U9501	Painted Bronze	7" (178 mm)	1
U9503	Painted Gray	11" (279 mm)	1
U9504	Painted Bronze	11" (279 mm)	1

Minimum order: 1 each. Latches can be combined for quantity pricing.

CRL E-Z Tone Door Chime

- No Electricity or Batteries Needed
- Easy Do-It-Yourself Installation



The CRL E-Z Tone Door Chime never needs batteries or electricity, and can easily be installed on all types of doors and jambs. When the door is opened, a magnetic striker hits the toned chime bar and produces a pleasant, audible tone. It can be used in both commercial and residential applications. Once installed no maintenance is ever required.

CAT. NO.	FINISH
TDK13GRY	Light Gray
TDK13BRZ	Bronze

Minimum order: 1 pack.

CRL GRS 1202 Series Swinging Glass Gate Systems



Glass-to-Glass Swinging Gate Shown

- Heavy-Duty Glass Gate With Optional Cap Rail
- Beautiful in Design and Functional in Operation
- Unique Closing Device Located in Vertical Post
- Round Vertical Edge Gate Pivot Post Prevents Finger Pinch
- Custom Fabricated to Meet Your Design Requirements
- Wall, Post, and Glass-to-Glass Mounting Options
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

We have developed a series of Swinging Gates for commercial or residential use, either alone or with our GRS Glass Rail System. The gates are an offshoot of our Wedge-Lock™ Door Rail System, and can be combined with our GRS Cap Rails. The top and bottom of the Gate swings on heavy-duty ball bearing pivots.

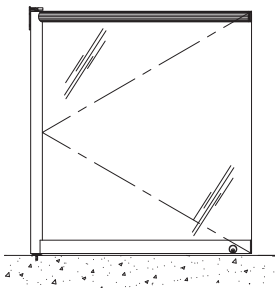
Our engineers have designed a unique In-Rail Closing Mechanism which is concealed in the vertical post, eliminating the need for large enclosures in the floor. The closer always returns the Gate to the closed position, and the closing speed is adjustable.

NOTE: Available by custom order only. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7730. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Railing Products.

These are the most common configurations of Swinging Gates. Find the configuration that best matches your requirements and then use the handy menu on the next page to design the Swinging Gate that's right for you.

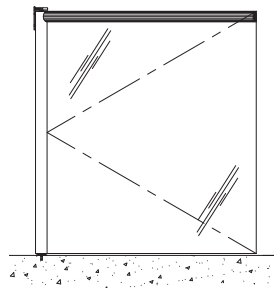
Wall Mounted (Type W#), Post Mounted (Type P#), and Glass-to-Glass Mounted (Type G#) Gates

All Swinging Gates are custom fabricated to your specifications.



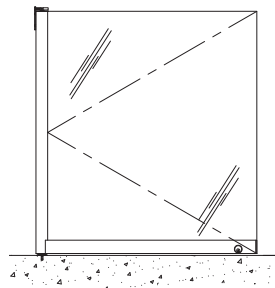
TYPES W1/P1/G1

Wall, post, or glass mount top pivot, in-rail closing mechanism, cap rail, and full bottom rail.



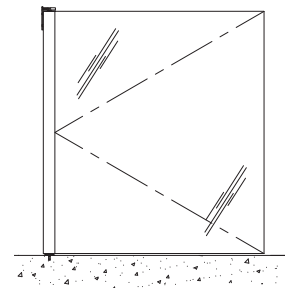
TYPES W2/P2/G2

Wall, post, or glass mount top pivot, in-rail closing mechanism, cap rail, and open bottom.



TYPES W3/P3/G3

Wall, post, or glass mount top pivot, in-rail closing mechanism, open top, and full bottom rail.

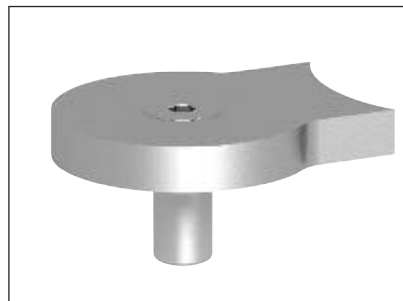


TYPES W4/P4/G4

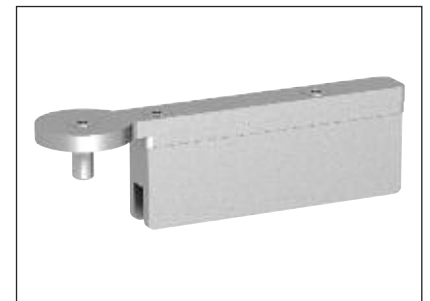
Wall, post, or glass mount top pivot, in-rail closing mechanism, top and bottom open.



Wall Mount Gate Top Pivot



Round Post Mount Top Pivot



Glass-to-Glass Top Patch with Pivot

NOTE: Gate applications require the no-hold open closer model, and the gate open angle must be stopped at a maximum of 150 degrees.

CRL GRS 1202 Series Swinging Glass Gate Systems

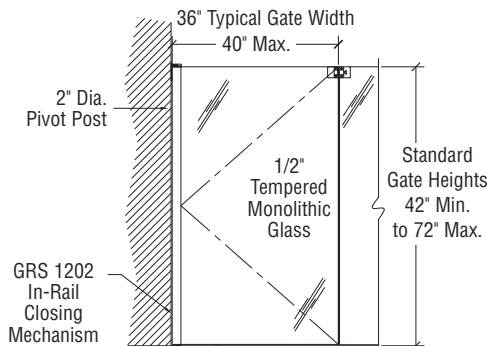
new

- 12 Configurations to Choose From
- Wall, Post, or Glass Mounted
- Double Acting (No Hold Open) Design
- Gate Centering Adjustment: 10 Degree Range to Align Gate
- Stainless Steel, Brass, Anodized, and Painted Finishes
- Optional Locks Available

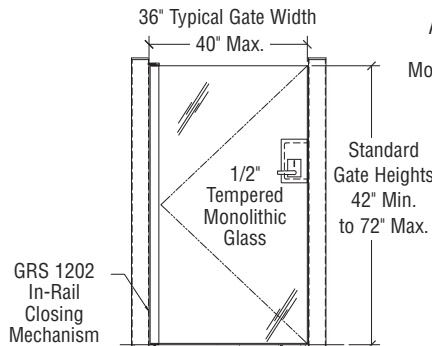


Wall Mount Swinging Gate Shown

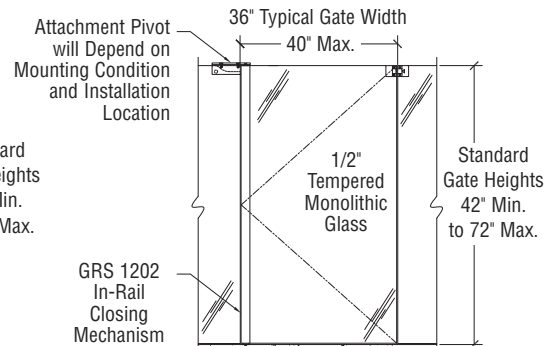
CRL GRS 1202 Series Glass Gate Systems for Pool Surrounds, Fencing, and Windscreen Applications



Wall/Flat Post Mount Application



Round Post Mount Application



Glass Mount Application

Use This Menu to Design the Swinging Gate of Your Choice

SELECT GATE STYLE

Wall Mount	Post Mount	Glass Mount
<input type="checkbox"/> W1	<input type="checkbox"/> P1	<input type="checkbox"/> G1
<input type="checkbox"/> W2	<input type="checkbox"/> P2	<input type="checkbox"/> G2
<input type="checkbox"/> W3	<input type="checkbox"/> P3	<input type="checkbox"/> G3
<input type="checkbox"/> W4	<input type="checkbox"/> P4	<input type="checkbox"/> G4

BOTTOM RAIL LOCK OPTIONS

- ☐ None
- ☐ Cylinder Both Sides
- ☐ Cylinder (Outside Only)
- ☐ Cylinder (Inside Only)
- ☐ Cylinder/Thumbturn (Outside)
- ☐ Cylinder/Thumbturn (Inside)
- ☐ Other _____

CENTER LOCK HOUSINGS

- ☐ PTH311 Glass Mount Latch Lock
- ☐ PTH312 Glass Mount Passage Lock
- ☐ LH Series Glass Mount Latch Housing
- ☐ MLSP2BS Glass Mount Latch
- ☐ None

GATE LATCH OPTIONS

- ☐ None
- ☐ MLSP2BS 180 Degree Glass-to-Glass
- ☐ MLSP3BS 90 Degree Glass-to-Glass
- ☐ MLSP4BS Wall/Square Post Mount
- ☐ MLSP5BS Wall/Round Post Mount

FINISH

- ☐ Brushed Stainless Steel (BS)
- ☐ Polished Stainless Steel (PS)
- ☐ Polished Brass (PB)
- ☐ Satin Brass (SB)
- ☐ Satin Anodized (SA)
- ☐ Dark Bronze Anodized (DU)
- ☐ Powder Coated (PT) RAL# _____
- ☐ Custom Finish (C) Specify _____

POST MOUNT

- ☐ Core Mount
- ☐ Surface Mount with Base Plate
- ☐ Other _____

GLAZING

- ☐ 3/8" (10 mm)
- ☐ 1/2" (12 mm)
- ☐ Other _____

TOP CAP DIAMETER

- ☐ 1-1/2" (38.1 mm) Diameter Top Cap
- ☐ 2" (50.8 mm) Diameter Top Cap
- ☐ No Top Cap

BOTTOM RAIL STYLE

- ☐ 2-5/16" (59 mm) Standard Bottom Rail
- ☐ No Bottom Rail

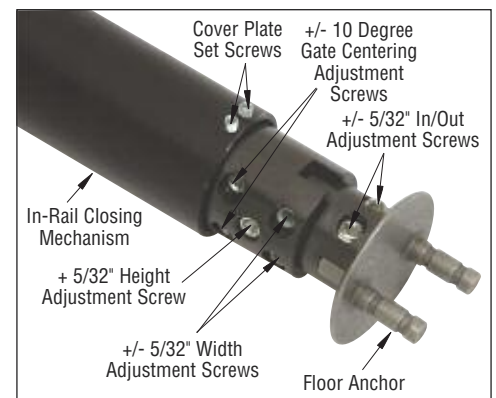
POST SIZE

Round Post

- ☐ 2-1/2" (63.5 mm) Diameter
- ☐ 2-7/8" (73 mm) Diameter
- ☐ 3" (76.2 mm) Diameter
- ☐ 4" (101.6 mm) Diameter

Square Post

- ☐ 2-1/2" x 2-1/2" (63.5 mm)
- ☐ 3" x 3" (76.2 mm)
- ☐ 4" x 4" (101.6 mm)
- ☐ Other _____



Bottom In-Rail Closing Mechanism with Floor Anchor

CRL Custom Gate Systems

- Passage, Driveway, and Door Style Glass or Picket Gates Are Available
- Fabrication to Code for Pool Surrounds
- Tension Adjustable Self-Closing Hinge is Standard
- Available Gate Latch, Knob Latch, Electronic Magnetic Latch, and Panic Hardware Options
- We Can Fabricate Custom Styles From Stock Components
- Seven Standard Colors, Plus Custom Colors



Gates are an integral part of most commercial, multi-family, and residential projects. Your choice of gate designs range from basic swing gate to customized automatic or manual gates. CRL Gates can accommodate standard, electronic or remotely operated locksets, as well as a variety of opening mechanisms.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7730. You can also e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Railing Products.



- No Rusting, Binding or Staining
- Easy to Install and Maintain
- Limited Lifetime Warranty

Code Compliance and/or Affiliations:

- Associated Locksmiths of America (ALOA)
- U.S. Consumer Product Safety Commission (CPSC)
- American Fence Association (AFA)
- Association of Pool & Spa Professionals (APSP)
- International Code Council (ICC)
- American Standard Testing Materials International (ASTM)



CRL offers a complete line of hardware to complement our Post Gate Systems. CRL Gate Hardware line has expanded to include a comprehensive range of safety and security products and accessories. Application assistance is available from CRL Technical Sales.

SAFETY NOTE: Always confirm any such requirements with the appropriate local pool or safety authorities in your area, as regulations may vary from region to region. After installation, inform the gate owner that it is their responsibility to inspect and adjust any gate latches and hinges to compensate for ground movement and other factors, so that the gate continues to self-close and self-latch effectively. No product is childproof, and should not be used in place of adult supervision.

CRL Stainless Steel PullBolt™ Security Locks

- Face Mount and Side Mount Models to Fit Most Applications
- Key-Lockable, Six Pin Lock Security
- 3/4" (19 mm) Diameter Bolt With 1-1/4" (31.7 mm) Throw
- Limited Lifetime Warranty
- Flexible Mounting Methods

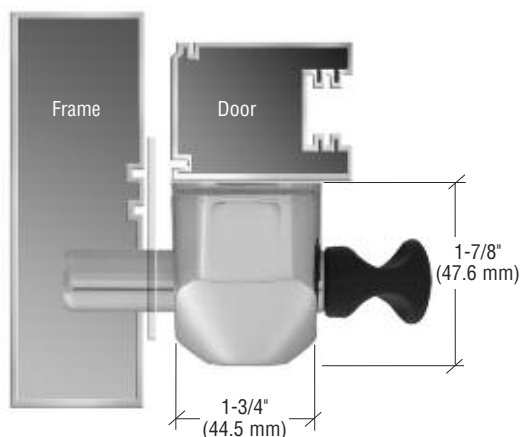
This Stainless Steel PullBolt™ is designed to provide powerful locking security for storefronts, doors, frames, and gates. It can act as add-on security to existing locking systems, or can be used as a primary lock.

The superbly cast PullBolt™ comes in two models, Side Mount and Face Mount. It is installed using four thru-mounted M10 stainless steel screws. The lock bolt slides snugly across into the sturdy keeper housing for optimum security.

The PullBolt™ is made from 316 Alloy stainless steel, making the device ideal for use in marine and other corrosive environments. The locking mechanism is a deadlock design, which protects the device from being tampered with, and also assures the system cannot be locked without the keyholder's authority.

Side Mount Lock

- Stainless Steel Construction



Plan View: Side Mount Lock

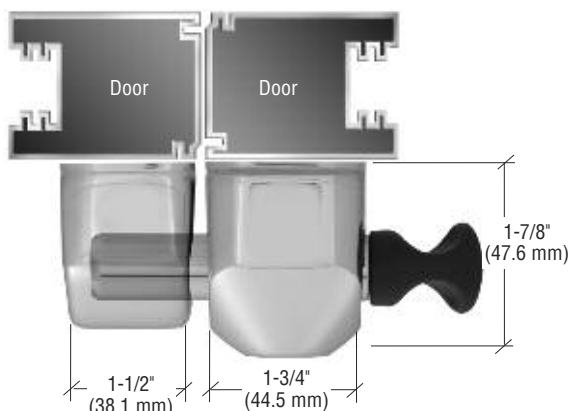
CAT. NO.	DESCRIPTION	FINISH
PBS1PS	Security Side Mount Lock	Polished Stainless Steel

Minimum order: 1 each. All PullBolt™ Locks can be combined for quantity pricing.



Face Mount Lock

- Stainless Steel Construction



Plan View: Face Mount Lock

CAT. NO.	DESCRIPTION	FINISH
PBF1PS	Security Face Mount Lock	Polished Stainless Steel

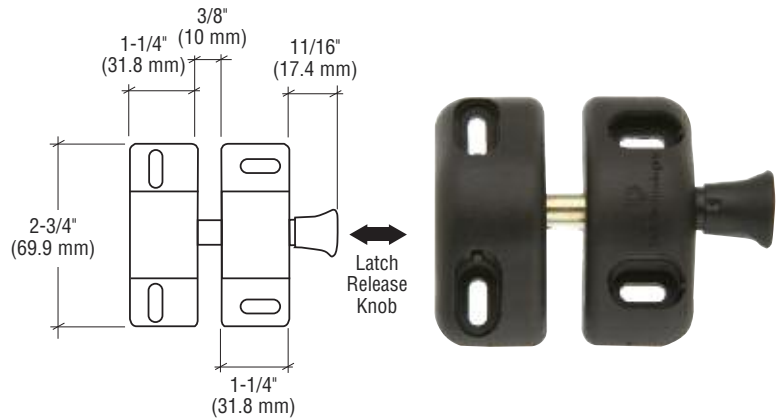
Minimum order: 1 each. All PullBolt™ Locks can be combined for quantity pricing.



CRL Magna-Latch® "Side Pull" Gate Latch

- Great for Around Homes and Gardens
- Reliable, Effective, and Unobtrusive
- Quick and Easy Installation
- Magnetic Self-Latching Trigger
- Easily Mounts to Metal, Wood, and Vinyl

The magnetic, self-latching CRL Magna-Latch® is an ideal general-purpose latch for gates around homes and gardens. It's suitable for a wide variety of uses where a non-key lockable latch is needed. **NOTE:** When used on picket-style swimming pool gates a compliant acrylic shield must be used to prevent latch access by toddlers. Consult your local building code for more information. For more latch information go to crlaurence.com.



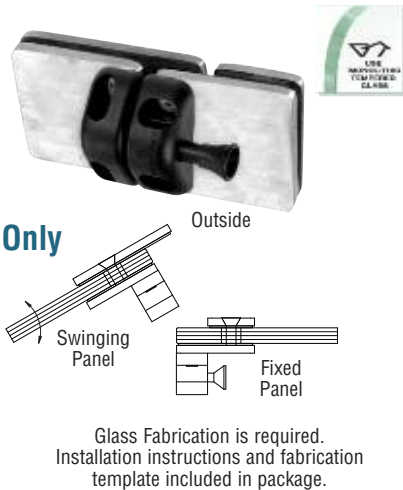
CAT. NO.	DESCRIPTION	FINISH
MLSP1	Side Pull Gate Latch	Black

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

CRL 180 Degree Glass-to-Glass Gate Latch

- Designed for 1/2" (12 mm) Tempered Glass Applications Only

This Glass-to-Glass Gate Latch is mounted to the inside of the opening for out-swinging gates. For more information go to crlaurence.com.



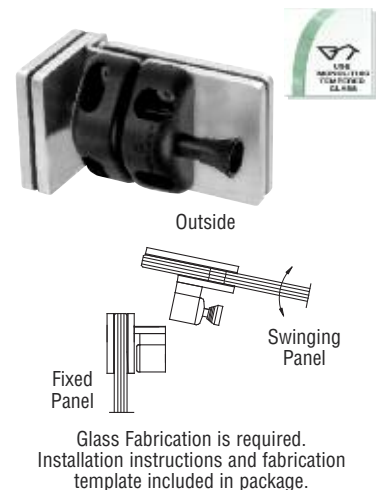
CAT. NO.	DESCRIPTION	FINISH
MLSP2BS	180 Degree Gate Latch	Brushed Stainless

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

CRL 90 Degree Glass-to-Glass Gate Latch

- Designed for 1/2" (12 mm) Tempered Glass 90 Degree Corner Applications

This Glass-to-Glass Gate Latch is mounted to the inside of the opening for out-swinging gates. For more information go to crlaurence.com.



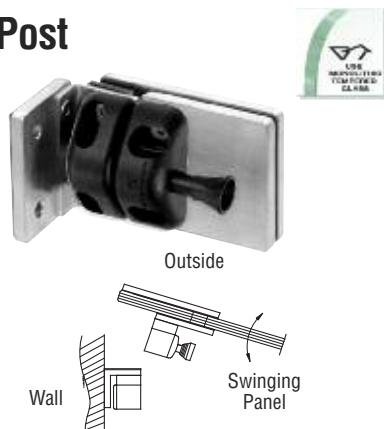
CAT. NO.	DESCRIPTION	FINISH
MLSP3BS	90 Degree Gate Latch	Brushed Stainless

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

CRL Wall/Square Post Mount Gate Latch

- Designed for 1/2" (12 mm) Tempered Glass Applications Only

This Gate Latch is mounted to the inside of the opening for out-swinging gates. The Gate Latch is designed for square post and wall mount applications. For more information go to crlaurence.com.



CAT. NO.	DESCRIPTION	FINISH
MLSP4BS	Wall/Square Post Mount Gate Latch	Brushed Stainless

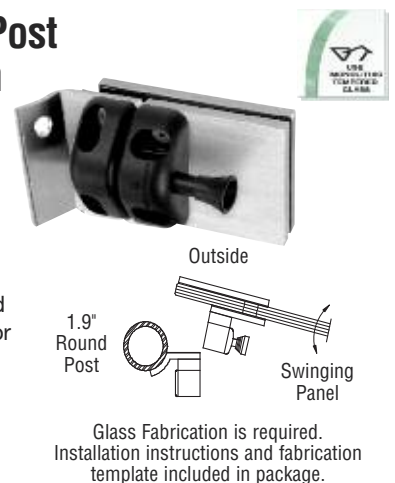
Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

Magna-Latch is a registered trademark of D&D Group PTY Ltd.

CRL 1.9" Round Post Mount Gate Latch

- Designed for 1/2" (12 mm) Tempered Glass Applications Only

This Gate Latch is mounted to the inside of the opening for out-swinging gates. The Gate Latch is designed for round post mount applications. For more information go to crlaurence.com.



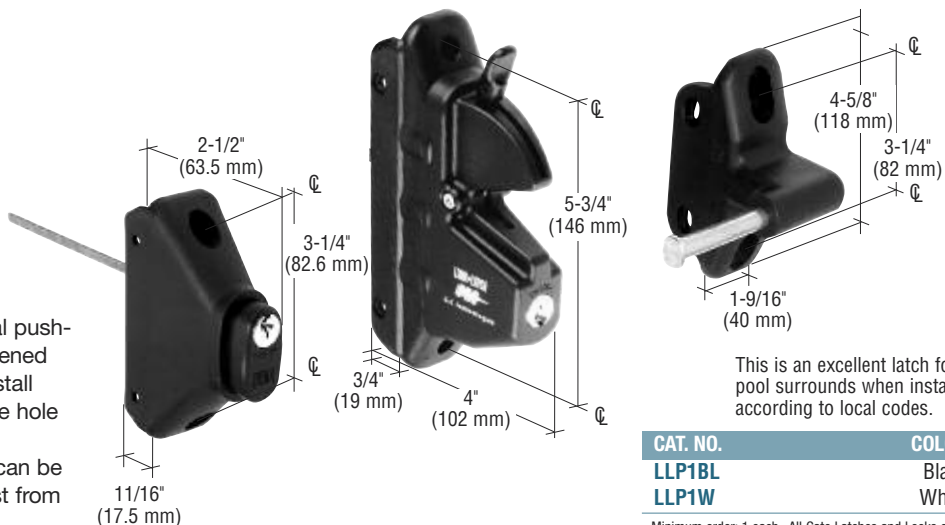
CAT. NO.	DESCRIPTION	FINISH
MLSP5BS	1.9" Round Post Mount Gate Latch	Brushed Stainless

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

CRL Lokk-Latch® Pro

- **Tough, Glass Reinforced Polymer and Stainless Steel Construction**
- **Can Be Keyed Alike By a Locksmith to Most Household Doors**

A high-quality Gate Latch with an external push-button access that allows the gate to be opened and locked from either side. It is easy to install with the supplied fitting jig, requiring just one hole through the post, and requires no welding. Available in black or white, this Gate Latch can be installed onto any square or rectangular post from 1-1/2" to 5" (38.1 to 127 mm) in width.



This is an excellent latch for pool surrounds when installed according to local codes.

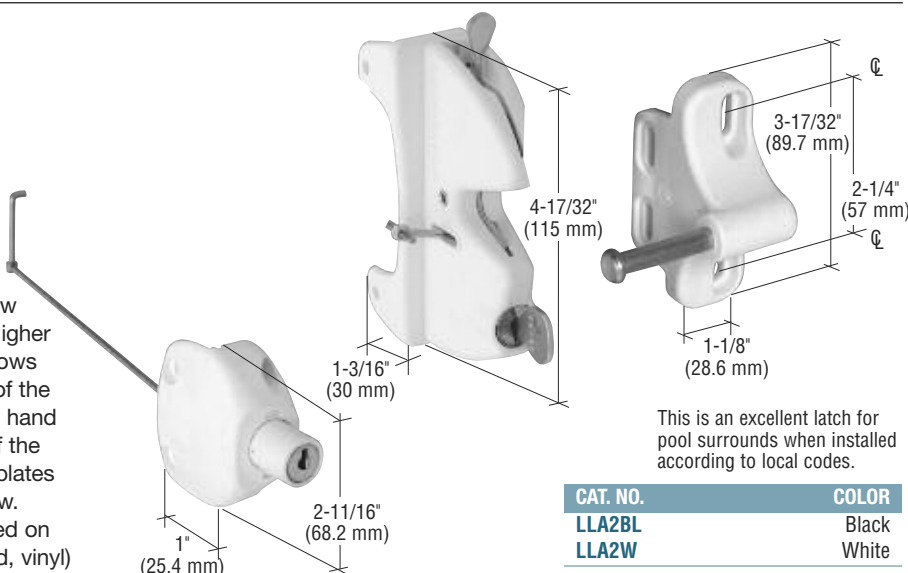
CAT. NO.	COLOR
LLP1BL	Black
LLP1W	White

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

CRL Lokk-Latch® "Series 2" for Square Posts

- **Tough, Glass Reinforced Polymer and Stainless Steel Construction**
- **Key Locking and Opening From Both Sides**

The new and improved pedestrian Gate Latch now offers easier installation, more versatile use, and a higher degree of adjustability. The external push-button allows the gate to be opened and locked from either side of the gate at the same time. Adapting the Latch to fit left hand or right hand hinged gates is now easier. Instead of the previous six-screw backing plate, the new adaptor plates are a "snap-on" design retained using just one screw. Available in black or white, this Latch can be installed on all square or rectangular gate materials (metal, wood, vinyl) from 1" to 6" (25.4 to 152.4 mm) wide.



This is an excellent latch for pool surrounds when installed according to local codes.

CAT. NO.	COLOR
LLA2BL	Black
LLA2W	White

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

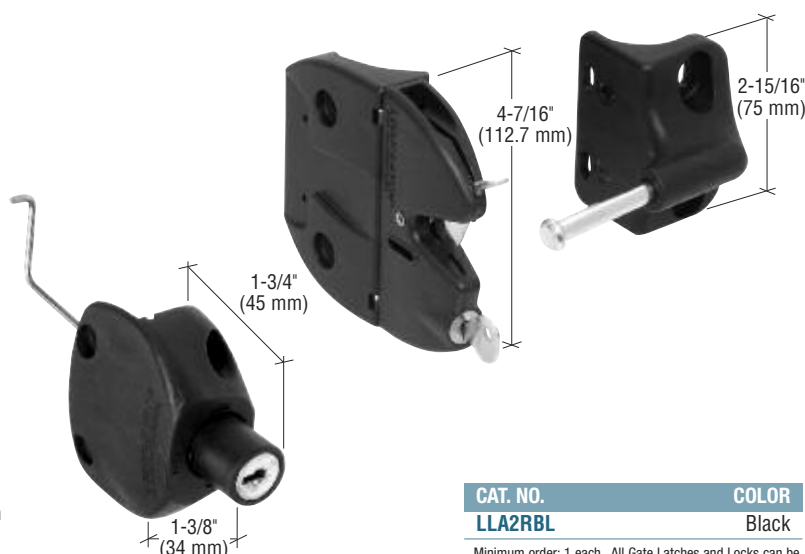
CRL Lokk-Latch® "Series 2" for Round Posts

- **Tough, Glass Reinforced Polymer and Stainless Steel Construction**
- **Key Locking and Opening From Both Sides**

This Lokk-Latch® has an external push-button that allows the gate to be opened and locked from either side at the same time. Adapting the Latch to fit left hand or right hand hinged gates is now easier. Instead of the previous six-screw backing plate, the new adaptor plates are a "snap-on" design retained using just one screw. This Lokk-Latch® includes hardware to attach to fence posts diameters of 1-7/8" to 2", 2-3/8", and 2-7/8" (47.6 to 50.8, 60.3, and 73 mm).

The Strike includes hardware to attach to gate frame diameters of 1-3/8" to 1-5/8" (35 to 41.2 mm). For gates with 1.9" to 2" diameter gate frames contact CRL Technical Sales.

Lokk-Latch is a registered trademark of D&D Group PTY Ltd.



CAT. NO.	COLOR
LLA2RBL	Black

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

CRL Magna-Latch® "Series 2" Safety Locks

- **Magnetically Triggered and Self-Latching**
- **Key-Lockable for Added Safety**

The Magna-Latch® "Series 2" is made of quality molded polymers and stainless steel, providing horizontal and vertical adjustment for quick and easy installation. Magna-Latch® "Series 2" is ideal for swimming pools and child safety areas, such as daycare centers. Fits most gate and fence heights, however ideal height is 4 feet (1219 mm) as the latch can be installed with the release knob out of reach of toddlers. Available in black or white.

NOTE: Consult local authorities for height requirements on swimming pool gates.



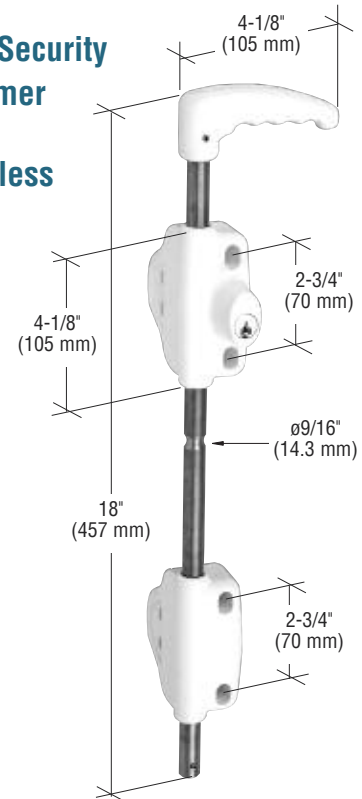
CAT. NO.	COLOR
LL1MBL	Black
LL1MW	White

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

CRL Lokk-Bolt® Cane Bolts

- **Key-Lockable Gate Security**
- **Tough Molded Polymer Housings**
- **Marine Grade Stainless Steel Rod**

The new CRL Lokk-Bolt® Cane Bolt can be keyed alike to most doors and the Lokk-Latch® Pro Lock by a locksmith. Ideal for double driveway gates, however equally as effective on pedestrian gates, or double gates in pool surrounds. Quick and simple to install. Clever bolt retention grooves mean that this 18" (457 mm) cane bolt will never drop, drag, bend or grind across driveways. Available in black or white.



CAT. NO.	COLOR
LB118BXL	Black
LB118BW	White

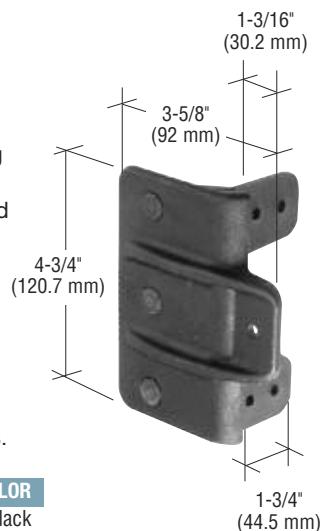
Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

CRL Gate Stops

- **Molded, Reinforced Polymer Construction**

The CRL Gate Stop is the ideal gate alignment device for preventing hinge, latch, and gate damage, and for extending gate life. An integrated rubber buffer protects against "gate slam" and reduces noise. For gates higher than 4 feet (1219 mm) two Gate Stops may be required. Available in black or white.

NOTE: A Gate Stop should not be used on child safety gates, as toddlers may use them as footholds.



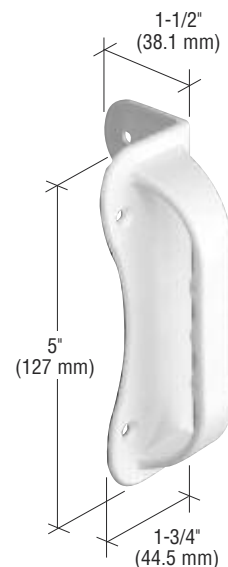
CAT. NO.	COLOR
TCGS2BL	Black
TCGS2W	White

Minimum order: 1 each. Colors can be combined for quantity pricing.

CRL Gate Handles

- **Molded, Reinforced Polymer Construction**
- **Fits Left Hand or Right Hand Opening Gates**
- **Ergonomic Design**

The CRL Gate Handle is a general-purpose handle made to fit all types of gates and gate materials. It offers convenient gate opening and closing on virtually all applications. Handles are available in black or white, and guaranteed against rusting and staining.



CAT. NO.	COLOR
LLH1BGBL	Black
LLH1BGW	White

Minimum order: 1 each. Colors can be combined for quantity pricing.

Magna-Latch, Lokk-Bolt, and Lokk-Latch are all registered trademarks of D&D Group PTY Ltd.

CRL Tru-Close® Gate Hinges

- Molded Polymer Construction With No Unsightly External Springs
- Tension Adjustable Using Only a Screwdriver
- Generally Meets All Pool Barrier Codes

An internal stainless steel adjustable spring allows for smooth even closure under different weights, and generally meets all pool barrier codes. UV-stabilized materials are strong, self-lubricating, and weather-resistant. Available in black or white. If the gate weighs in excess of 55 pounds (25 kg), or is wider than 3 feet (914 mm), choose Heavy-Duty Hinge Series TCHD1 shown below.

CAT. NO.	COLOR
TCHA1BL	Black
TCHA1W	White

Minimum order: 1 each. All Tru-Close Hinges® can be combined for quantity pricing.



CRL Tru-Close® Heavy-Duty Gate Hinges

- Molded Polymer Construction With No Unsightly External Springs
- Tension Adjustable Using Only a Screwdriver
- Generally Meets All Pool Barrier Codes

This is a heavier-duty Hinge than the TCHA1 Series shown above. The internal stainless steel adjustable spring allows for smooth even closure under different weights, and generally meets all pool barrier codes. UV-stabilized materials are strong, self-lubricating, and weather-resistant. Available in black or white. Designed for gates weighing between 55 pounds (25 kg) and 132 pounds (60 kg), or if the gate is between 3 to 4 feet (914 to 1219 mm) wide. Contact CRL Technical Sales if the gate exceeds 132 pounds (60 kg) or 4 feet (1219 mm) in width.

CAT. NO.	COLOR
TCHD1BL	Black
TCHD1W	White

Minimum order: 1 each. All Tru-Close Hinges® can be combined for quantity pricing.



CRL Tru-Close® Round Post Gate Hinge

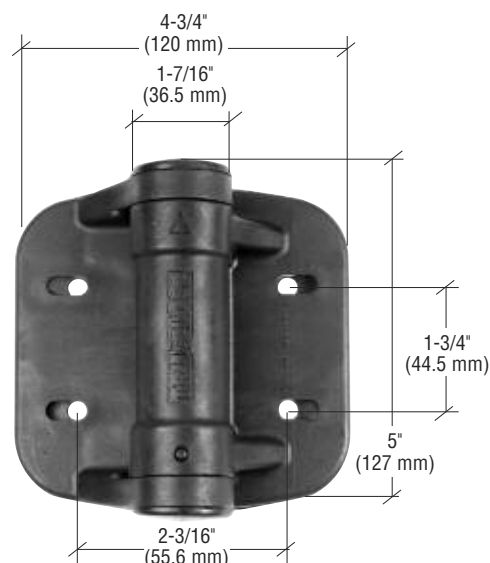
- Molded Polymer Construction With No Unsightly External Springs
- Tension Adjustable Using Only a Screwdriver
- Generally Meets All Pool Barrier Codes

An internal stainless steel adjustable spring allows for smooth even closure under different weights, and generally meets all pool barrier codes. UV-stabilized materials are strong, self-lubricating, and weather-resistant. Includes two hinges with Shims/Adapters to fit fence post diameters of 1-7/8" to 2", 2-3/8", and 2-7/8" (47.6 to 50.8, 60.3, and 73 mm), and gate frame diameters of 1-3/8" and 1-5/8" (35 and 41.2 mm). Gate widths can be between 3 to 4 feet (914 to 1219 mm). Contact CRL Technical Sales if the gate door exceeds 132 pounds (60 kg) or 4 feet (1219 mm) in width.

CAT. NO.	COLOR
TCHDR2BL	Black

Minimum order: 1 pair. All Tru-Close® Hinges can be combined for quantity pricing.

Tru-Close is a registered trademark of D&D Group PTY Ltd.



CRL Single Acting Wall-to-Glass Gate Hinge

- Handed Self-Centering Hinge for Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- All 316 Alloy Brushed or Polished Stainless Steel



CRL Single Acting Wall-to-Glass Gate Hinges are handed and self-centering. They can be screwed to the wall or to a 1.9" (48.3 mm) diameter post if used with the Adaptor Plate (sold separately). Two 3/4" (19 mm) holes are required for each Hinge. Maximum width 42" (1067 mm); maximum weight 65 lbs. (29.5 kg). Instructions and cut-out template are included in each box.

NOTE: Not for use on pool gates.

WALL-TO-GLASS HINGES

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	HANDING
GH037LBS	GH037LPS	LH/RHR
GH037RBS	GH037RPS	RH/LHR

Minimum order: 1 each. All Gate Hinges can be combined for quantity pricing.

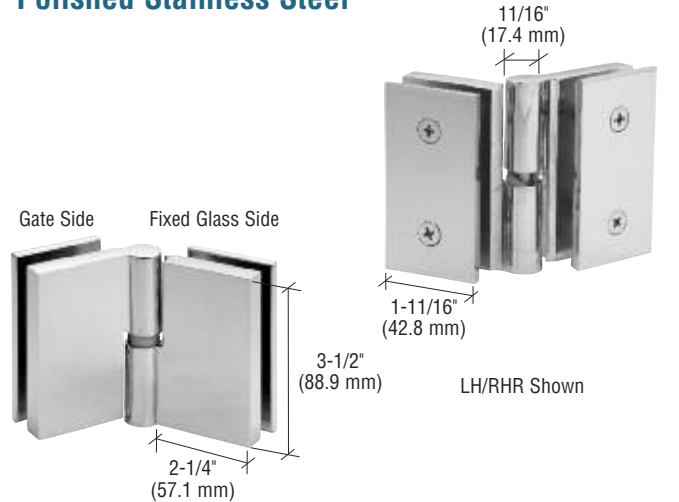
1.9" DIAMETER POST ADAPTOR PLATE

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	HANDING
AP037BS	AP037PS	Universal

Minimum order: 1 each.

CRL Single Acting Glass-to-Glass Gate Pivot Patch

- Handed Self-Centering Hinge for Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- All 316 Alloy Brushed or Polished Stainless Steel



CRL Single Acting Glass-to-Glass Gate Hinges are handed and self-centering. Two 3/4" (19 mm) holes are required for each side of the hinge (two on fixed panel and two on the gate). Maximum width 42" (1067 mm); maximum weight 65 lbs. (29.5 kg). Instructions and cut-out template are included in each box.

NOTE: Not for use on pool gates.

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	HANDING
GH180LBS	GH180LPS	LH/RHR
GH180RBS	GH180RPS	RH/LHR

Minimum order: 1 each. All Gate Hinges can be combined for quantity pricing.

CRL Tubing Hinge

- Free-Swinging Hinge for Use With 1.9" (48.3 mm) Diameter Tubing
- 316 Alloy Brushed Stainless Steel

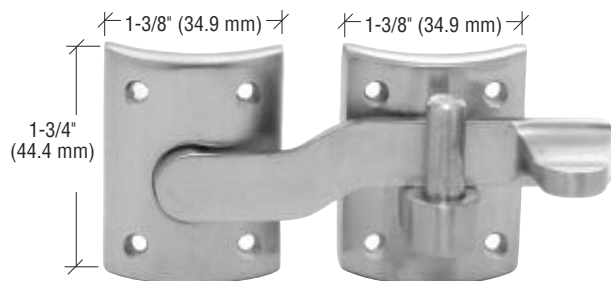


This CRL Tubing Hinge is designed to work with 1.9" (48.3 mm) diameter tubing. The Hinge is free-swinging, and pivots on a nylon bearing. Hinge is secured from the back side with supplied screws. Maximum width 42" (1067 mm); maximum weight 65 lbs. (29.5 kg). Minimum order is one each.

CAT. NO. TH12BS

CRL Tubing Latch and Strike

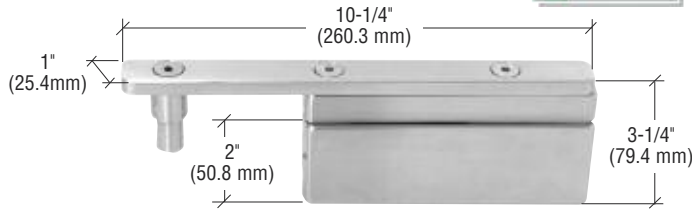
- Manually Operated Latch Bar for Use With 1.9" (48.3 mm) Diameter Tubing
- 316 Alloy Brushed Stainless Steel



This CRL Tubing Latch and Strike is designed to work with 1.9" (48.3 mm) diameter tubing. Latch has a manually operated pivoting bar, and is secured with supplied screws. Minimum order is one each.

CAT. NO. TL22BS

CRL Glass-to-Glass Gate Pivot Patch

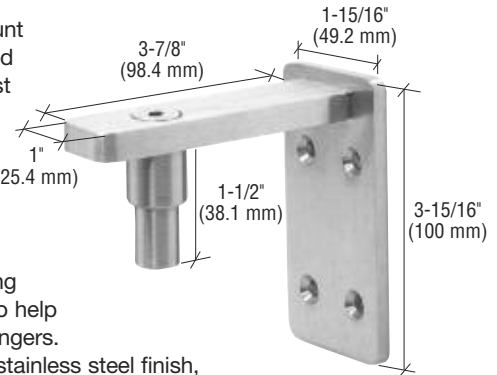


This CRL Glass-to-Glass Gate Pivot Patch is designed to allow for a gate in an 'all-glass' windscreen using either Base Shoe or Frameless Windscreen Clamps. It fits in the upper corner of the fixed glass panel, and requires a hole and glass cut-out in the glass. As a safety measure the bottom of the pivot bar is raised 3/4" (19 mm) above the CRL Top Gate Patch Fitting (not included), allowing a space that fingers will fit in between to help prevent pinching. Brushed stainless steel finish, complete with instructions and a glass cut-out template. Minimum order is one each.

CAT. NO. GGP12BS

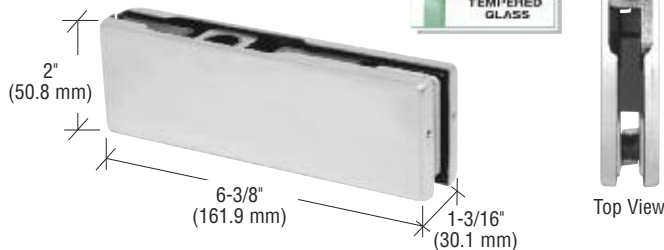
CRL Wall Mount Gate Pivot

This CRL Wall Mount Gate Pivot is designed for mounting to a post or wall. As a safety measure the bottom of the pivot bar is raised 3/4" (19 mm) above the CRL Top Gate Patch Fitting (not included), allowing for adequate space to help prevent pinching of fingers. Available in brushed stainless steel finish, it comes complete with instructions and a glass cut-out template. Minimum order is one each.



CAT. NO. WGP22BS

CRL Top Gate Patch Fitting

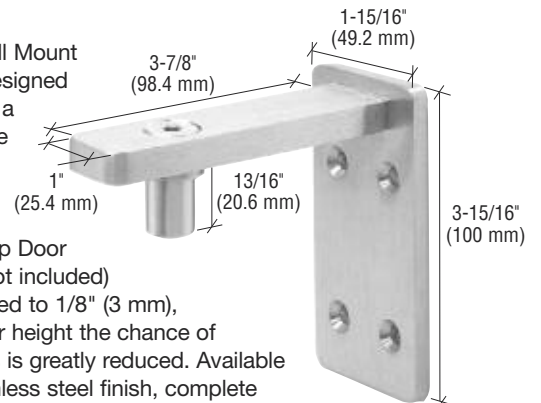


CRL Top Gate Patch Fittings are used with all three of the gate and door pivots. It fits in the upper corner of the gate's glass panel, and requires a hole and cut-out in the glass. Available in brushed stainless steel finish, it comes complete with instructions and a glass cut-out template. Minimum order is one each.

CAT. NO. PH20ABS

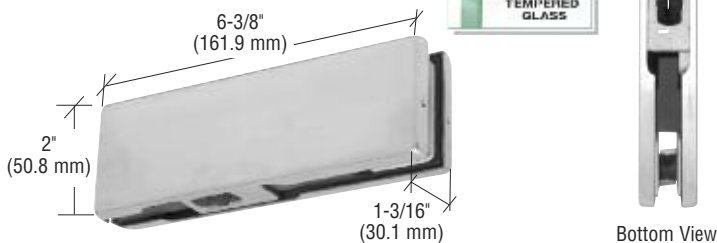
CRL Wall Mount Door Pivot

This CRL Wall Mount Door Pivot is designed for mounting to a post or wall. The space between the bottom of the pivot bar and the CRL Top Door Patch Fitting (not included) has been reduced to 1/8" (3 mm), because at door height the chance of pinching fingers is greatly reduced. Available in brushed stainless steel finish, complete with instructions and a glass cut-out template. Minimum order is one each.



CAT. NO. WDP32BS

CRL Bottom Gate Patch Fitting



CRL Bottom Gate Patch Fittings are used with our bottom door pivots or floor closers. It fits in the lower corner of the gate's glass panel, and requires a hole and cut-out in the glass. Available in brushed stainless steel finish, it comes complete with instructions and a glass cut-out template. Minimum order is one each.

CAT. NO. PH10CBS

CRL Gate Accessories

Bottom Pivots



Floor Closers



See page 705W

See pages 709W-730W

Are You Missing Opportunities?

In today's marketplace the winners are those that take advantage of opportunities presented to them. Shower door installations, repair or maintenance are a prime example of an opportunity. Customers call back contractors that provide a quality job, in a timely manner, and leave the job as clean or cleaner than it was before the job started. Replacing or repairing a shower door for the customer greatly increases your chance of being the installer when the customer decides it's time to put in a new unit. On the following pages is a selection of repair and maintenance hardware to assist you in repairing or maintaining shower doors. If you don't see the exact part you need you can e-mail us a photo or send us a sample and we will try to locate the part for you.

Typical Repairs That Can Create Profit Opportunities for You:



Replacing Damaged Rollers



Resealing a Leaking Unit



Adjusting a Sagging Door

Download the Following Catalogs for a Complete Selection of Shower Door Hardware and Tools at crlaurence.com.



CAT. NO. CRL23

CRL23 is the catalog you need when you are looking for hardware specifically for frameless shower and mirror hardware. CRL23 features thousands of products, including hundreds of new products selected for their appeal to your customers. The CRL23 Frameless Shower Door and Mirror Hardware Master Catalog is separated into four sections for fast and easy product reference.



CAT. NO. SD12

Reacting to the "wish list" of designers and installers has brought about many of the new products that are now part of our extensive selection in the SD12 Frameless Shower Door Hardware and Supplies Catalog. Unsurpassed quality combined with technical expertise, full inventories, and the willingness to listen has contributed to create our complete package of quality hardware backed by excellent service.



CAT. NO. FS14

Our NEW FS14 Catalog features CRL's full line of Frameless Sliding Shower Door Systems, including our Glass Magazine Award Winning Serenity Series Slider. It's a great way to show your customers all of the choices you can offer them.

new

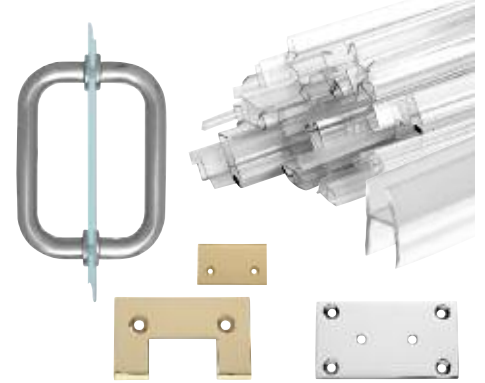


CAT. NO. ST14

Elegant, beautifully designed frameless shower enclosures cannot become a reality without professional installers using state of the art tools and techniques. In this catalog you will see some imaginative ideas brought to production and shared with the trade by C.R. Laurence.

CRL Replacement Hardware for CRL Hinges, Handles and Other Hardware

- Replacement Hardware for Our Most Popular Hinges and Handles in All Commonly Used Finishes
- Renovate Without the Expense of Replacing an Entire Unit
- A Terrific Opportunity to Expand Your Profits While Servicing Your Customers



Since 1988 C.R. Laurence Co., Inc. has provided Frameless Shower Door Hardware for millions of shower door units, commercial and residential. Due to improper cleaning, hard water or seals becoming brittle, some of these early units are now ready for service or replacement. This is another opportunity to service your customer and secure future business. In this section we show a variety of the most commonly asked for replacement hardware. Some items are not shown, but are available on special order. If you don't see what you want please call our Shower Technical Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7740.

Four Commonly Required Repairs:

Door Alignment

After years of use the shower door has a tendency to get out of alignment and start making contact with other surfaces. If not corrected door glass breakage is the most common result.



Loosen the cover plate and align the door.



After alignment, tighten the cover plate screws by hand. Do not use a power tool, or you risk damaging the screw heads.

Corroded Cover Plate or Screws

Because of hard water or improper cleaning over a period of time, interior cover plates and screws have a tendency to become dull or corroded. Replacement will bring back the original luster.



Block the door to maintain alignment and remove the cover plate. Clean glass in gasket area.



Replace with new gasket, interior cover plate, and screws, then secure in place.

Door Handles or Knobs

Alkaline, rings, and wear and tear over a period of time will take away the newness and luster of the handle or knob. A simple replacement brings the shower back to life.



Remove existing handle or knob and discard.

See pages 353W, 357W-358W, 360W-364W or visit crlaurence.com for our complete selection of Knobs and Pull Handles.



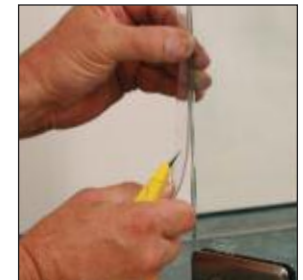
Install the new handle or knob and secure washers and set screws.

Water Seals

As good as seal technology has become, over time the water seal will deteriorate or become brittle and allow for leakage. Removing and replacing these seals will contain water leaks and bring the shower back to it's original condition.



Remove the damaged or brittle water seals.



Cut the new and matching water seals to the same length as originals and install.

See pages 365W-367W for our most popular selection of Water Seals.

CRL Watertight Cover Plates

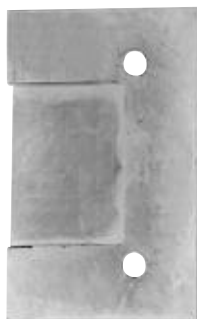
- New Watertight Cover Plates Seal the Small Gap Between the Center Block and the Hinge
- Available in Our Four Most Popular Models

CRL Geneva Watertight Cover Plates

Watertight Cover Plate for the Door



Exterior Surface



Interior Surface

For: GEN037, GEN337, GEN537, GEN044, GEN544, GEN074, GEN574, GEN092, GEN180, GEN380, GEN580, GEN045, GEN345, GEN545

CAT. NO.	FINISH
GL2CH	Polished Chrome
GL2SC	Satin Chrome (Matte)
GL2BN	Brushed Nickel
GL2BR	Polished Brass
GL2ABR	Antique Brass
GL2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

CRL has designed a Cover Plate to reduce water leakage. It's a replacement for the standard plate, and there are no modifications needed for installation. Take off the standard cover plate and replace it with the New Watertight Cover Plate, it's as simple as that.

NOTE: When using a Watertight Cover Plate the door can only be opened outwards. A stop or jamb must be used so the door cannot be pushed inwards.

CRL Pinnacle Watertight Cover Plates

Watertight Cover Plate for the Door



Exterior Surface



Interior Surface

For: P1N037, P1N337, P1N537, P1N044, P1N544, P1N092, P1N180, P1N380, P1N580, P1N045, P1N345, P1N545, P1N074, P1N574

CAT. NO.	FINISH
PL2CH	Polished Chrome
PL2SC	Satin Chrome (Matte)
PL2BN	Brushed Nickel
PL2BR	Polished Brass
PL2ABR	Antique Brass
PL2ORB	Oil Rubbed Bronze

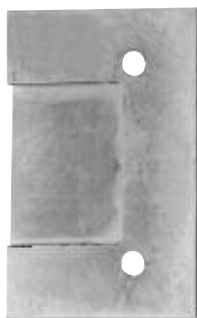
Minimum order: 1 each. Other finishes are available on special order.

CRL Vienna Watertight Cover Plates

Watertight Cover Plate for the Door



Exterior Surface



Interior Surface

For: V1E037, V1E537, V1E044, V1E045, V1E074, V1E092, V1E180, V1E580

CAT. NO.	FINISH
VL2CH	Polished Chrome
VL2SC	Satin Chrome (Matte)
VL2BN	Brushed Nickel
VL2BR	Polished Brass
VL2ABR	Antique Brass
VL2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

CRL Cologne Watertight Cover Plates

Watertight Cover Plate for the Door



Exterior Surface



Interior Surface

For: COL037, COL045, COL074, COL092, COL180

CAT. NO.	FINISH
CL2CH	Polished Chrome
CL2SC	Satin Chrome (Matte)
CL2BN	Brushed Nickel
CL2BR	Polished Brass
CL2ABR	Antique Brass
CL2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

CRL Geneva Hinge Replacement Plates

- Replacement Parts Now in Stock for Several Hinge Models in Our Most Popular Finishes

Several Models of Hinge Plates are now stocked in many popular finishes for your convenience. This allows an inexpensive and convenient way to replace old and worn plates. Additional popular replacement parts are shown on the following pages. Other parts are available on special order.

Wall Mount Full Back Plate

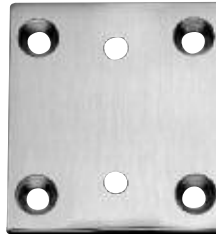


For: GEN037, GEN337, GEN537

CAT. NO.	FINISH
G3CH	Polished Chrome
G3SC	Satin Chrome (Matte)
G3BN	Brushed Nickel
G3BR	Polished Brass
G3ABR	Antique Brass
G3ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Wall Mount Short Back Plate



For: GEN074, GEN574

CAT. NO.	FINISH
G3SBYCH	Polished Chrome
G3SBYSC	Satin Chrome (Matte)
G3SBYBN	Brushed Nickel
G3SBYBR	Polished Brass
G3SBYABR	Antique Brass
G3SBYORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Wall Mount Offset Back Plate



For: GEN044, GEN544

CAT. NO.	FINISH
G044CH	Polished Chrome
G044SC	Satin Chrome (Matte)
G044BN	Brushed Nickel
G044BR	Polished Brass
G044ABR	Antique Brass
G044ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Standard Cover Plate for the Door Side



For: GEN037, GEN337, GEN537, GEN044, GEN544, GEN074, GEN574, GEN092, GEN180, GEN580, GEN045, GEN545

CAT. NO.	FINISH
G2CH	Polished Chrome
G2SC	Satin Chrome (Matte)
G2BN	Brushed Nickel
G2BR	Polished Brass
G2ABR	Antique Brass
G2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Standard Cover Plate for the Fixed Panel



For: GEN180, GEN580, GEN045, GEN545

CAT. NO.	FINISH
G6CH	Polished Chrome
G6SC	Satin Chrome (Matte)
G6BN	Brushed Nickel
G6BR	Polished Brass
G6ABR	Antique Brass
G6ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Other Geneva Replacement Parts

Watertight Cover Plates

See Page 342W



Cover Plate Gaskets

See Page 349W



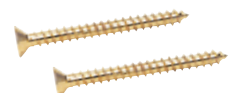
Cover Plate Screws

See Page 348W



Wall Mount Back Plate Screws

See Page 349W



CRL SHOWER DOOR HINGE REPLACEMENT HARDWARE

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Pinnacle Hinge Replacement Plates

- Replacement Parts Now in Stock for Several Hinges in Our Most Popular Finishes

For your convenience we now stock Hinge Plates in many popular finishes. This allows an inexpensive and convenient way to replace old and worn plates. Additional popular replacement parts are shown on the following pages. Other parts are available on special order.

Wall Mount Full Back Plate



For: P1N037, P1N337, P1N537

CAT. NO.	FINISH
P3CH	Polished Chrome
P3SC	Satin Chrome (Matte)
P3BN	Brushed Nickel
P3BR	Polished Brass
P3ABR	Antique Brass
P3ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Wall Mount Short Back Plate



For: P1N074, P1N574

CAT. NO.	FINISH
P3SBYCH	Polished Chrome
P3SBYSC	Satin Chrome (Matte)
P3SBYBN	Brushed Nickel
P3SBYBR	Polished Brass
P3SBYABR	Antique Brass
P3SBYORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Wall Mount Offset Back Plate



For: P1N044, P1N544

CAT. NO.	FINISH
P044CH	Polished Chrome
P044SC	Satin Chrome (Matte)
P044BN	Brushed Nickel
P044BR	Polished Brass
P044ABR	Antique Brass
P044ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Standard Cover Plate for the Door Side



For: P1N037, P1N337, P1N044, P1N544, P1N537, P1N092, P1N180, P1N580, P1N045, P1N545

CAT. NO.	FINISH
P2CH	Polished Chrome
P2SC	Satin Chrome (Matte)
P2BN	Brushed Nickel
P2BR	Polished Brass
P2ABR	Antique Brass
P2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Standard Cover Plate for the Fixed Panel



For: P1N180, P1N580, P1N045, P1N545

CAT. NO.	FINISH
P6CH	Polished Chrome
P6SC	Satin Chrome (Matte)
P6BN	Brushed Nickel
P6BR	Polished Brass
P6ABR	Antique Brass
P6ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Other Pinnacle Replacement Parts

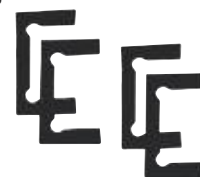
Watertight Cover Plates

See Page 342W



Cover Plate Gaskets

See Page 349W



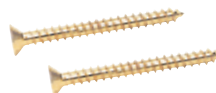
Cover Plate Screws

See Page 348W



Wall Mount Back Plate Screws

See Page 349W



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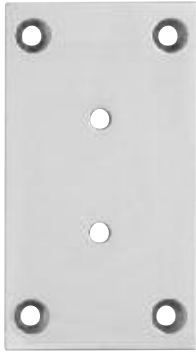
344W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Vienna Hinge Replacement Plates

- Replacement Parts Now in Stock for Several Hinge Models in Our Most Popular Finishes

Several Popular Hinge plates are now stocked in many popular finishes for your convenience. This allows an inexpensive and convenient way to replace old and worn plates. Additional popular replacement parts are shown on the following pages. Other parts are available on special order.

Wall Mount Full Back Plate



For: V1E037, V1E537

CAT. NO.	FINISH
V3CH	Polished Chrome
V3SC	Satin Chrome (Matte)
V3BN	Brushed Nickel
V3BR	Polished Brass
V3ABR	Antique Brass
V3ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Wall Mount Short Back Plate



For: V1E074

CAT. NO.	FINISH
V3SBYCH	Polished Chrome
V3SBYSC	Satin Chrome (Matte)
V3SBYBN	Brushed Nickel
V3SBYBR	Polished Brass
V3SBYABR	Antique Brass
V3SBYORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.



Standard Cover Plate for the Door Side



For: V1E037, V1E537, V1E044, V1E045, V1E074, V1E092, V1E180, V1E580

CAT. NO.	FINISH
V2CH	Polished Chrome
V2SC	Satin Chrome (Matte)
V2BN	Brushed Nickel
V2BR	Polished Brass
V2ABR	Antique Brass
V2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Standard Cover Plate for the Fixed Panel



For: V1E045, V1E180, V1E580

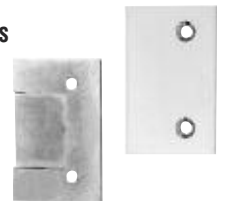
CAT. NO.	FINISH
V6CH	Polished Chrome
V6SC	Satin Chrome (Matte)
V6BN	Brushed Nickel
V6BR	Polished Brass
V6ABR	Antique Brass
V6ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Other Vienna Replacement Plates

Watertight Cover Plates

See Page 342W



Cover Plate Gaskets

See Page 349W



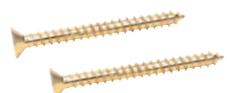
Cover Plate Screws

See Page 348W



Wall Mount Back Plate Screws

See Page 349W



CRL Cologne Hinge Replacement Plates

- Replacement Parts Now in Stock for Several Hinge Models in our Most Popular Finishes

For your convenience we now stock several Hinge Plates in many popular finishes. This allows an inexpensive and convenient way to replace old and worn plates. Additional popular replacement parts are shown on the following pages. Other parts are available on special order.

Wall Mount Full Back Plate



For: COL037

CAT. NO.	FINISH
COL3CH	Polished Chrome
COL3SC	Satin Chrome (Matte)
COL3BN	Brushed Nickel
COL3BR	Polished Brass
COL3ABR	Antique Brass
COL3ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Standard Cover Plate for the Door Side



For: COL037, COL074, COL092, COL180, COL045

CAT. NO.	FINISH
COL2CH	Polished Chrome
COL2SC	Satin Chrome (Matte)
COL2BN	Brushed Nickel
COL2BR	Polished Brass
COL2ABR	Antique Brass
COL2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Standard Cover Plate for the Fixed Panel



For: COL180, COL045

CAT. NO.	FINISH
COL6CH	Polished Chrome
COL6SC	Satin Chrome (Matte)
COL6BN	Brushed Nickel
COL6BR	Polished Brass
COL6ABR	Antique Brass
COL6ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

CRL Concord Hinge Replacement Plates

Standard Cover Plate for the Door and Fixed Side



For: SDH037, SDH090, SDH135, SDH180

CAT. NO.	FINISH
L2CH	Polished Chrome
L2SC	Satin Chrome (Matte)
L2BN	Brushed Nickel
L2BR	Polished Brass
L2ABR	Antique Brass
L2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

CRL Estate Hinge Replacement Plates

Standard Cover Plate for the Door and Fixed Side



For: EST037, EST090, EST135, EST180

CAT. NO.	FINISH
E2CH	Polished Chrome
E2SC	Satin Chrome (Matte)
E2BN	Brushed Nickel
E2BR	Polished Brass
E2ABR	Antique Brass
E2ORB	Oil Rubbed Bronze

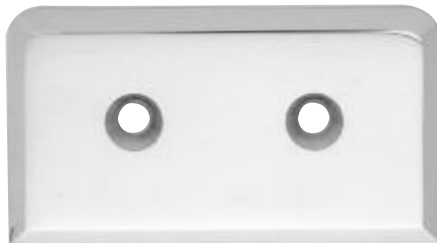
Minimum order: 1 each. Other finishes are available on special order.

CRL Prima Hinge Replacement Plates

- Replacement Parts Now in Stock for Popular Hinge Models in Our Most Requested Finishes

Several Popular Hinge Plates are now stocked in many popular finishes for your convenience. This allows an inexpensive and convenient way to replace old and worn plates. Additional popular replacement parts are shown on the following pages. Other parts are available on special order.

Standard Cover Plate for the Door



For: PPH01, PPH02, PPH03, PPH04, PPH05L, PPH05R, PPH135L, PPH135R

CAT. NO.	FINISH
PPH2CH	Polished Chrome
PPH2SC	Satin Chrome (Matte)
PPH2BN	Brushed Nickel
PPH2BR	Polished Brass
PPH2ABR	Antique Brass
PPH2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Base Plate



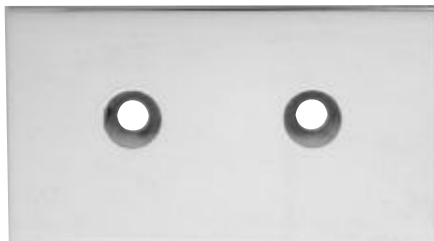
For: PPH01 (May also be used for Rondo **R0N001**, and Shell **SHE001** Models)

CAT. NO.	FINISH
PPH3CH	Polished Chrome
PPH3SC	Satin Chrome (Matte)
PPH3BN	Brushed Nickel
PPH3BR	Polished Brass
PPH3ABR	Antique Brass
PPH3ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

CRL Cardiff Hinge Replacement Plates

Standard Cover Plate for the Door



For: CAR01, CAR02, CAR03, CAR04, CAR05L, CAR05R

CAT. NO.	FINISH
CA2CH	Polished Chrome
CA2SC	Satin Chrome (Matte)
CA2BN	Brushed Nickel
CA2BR	Polished Brass
CA2ABR	Antique Brass
CA2ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

Base Plate



For: CAR01

CAT. NO.	FINISH
CA3CH	Polished Chrome
CA3SC	Satin Chrome (Matte)
CA3BN	Brushed Nickel
CA3BR	Polished Brass
CA3ABR	Antique Brass
CA3ORB	Oil Rubbed Bronze

Minimum order: 1 each. Other finishes are available on special order.

CRL Cover Plate Screws

- CRL Has a Full Range of Shower Door Replacement Screws
- Available in Up to Twenty One Finishes

5 mm x 12 mm Flat Head Screws (8 per Pack)



Phillips Head

Allen Head

For: Jr. Cathedral, Jr. Geneva, Jr. Prima, Milano, Trianon, and Zurich Hinges

PHILLIPS HEAD CAT. NO.	ALLEN HEAD CAT. NO.	FINISH
P512CH	A512CH	Polished Chrome
P512SC	A512SC	Satin Chrome (Matte)
P512BN	A512BN	Brushed Nickel
P512PN	A512PN	Polished Nickel
P512SN	A512SN	Satin Nickel
P512BR	A512BR	Polished Brass
P512SB	A512SB	Satin Brass
P512ORB	A512ORB	Oil Rubbed Bronze
P512GM	A512GM	Gun Metal
P512GP	A512GP	Gold Plated
P512W	A512W	White
P512BL	A512BL	Black

Minimum order: 1 pack. Screws can be combined for quantity pricing. Other Finishes are available on special order.

6 mm x 15 mm Flat Head Screws (8 per Pack)



Phillips Head

Allen Head

For: Elite, Senior Prima, Regal, Cologne, and Vienna Hinges

PHILLIPS HEAD CAT. NO.	ALLEN HEAD CAT. NO.	FINISH
P615CH	A615CH	Polished Chrome
P615SC	A615SC	Satin Chrome (Matte)
P615BN	A615BN	Brushed Nickel
P615PN	A615PN	Polished Nickel
P615BR	A615BR	Polished Brass
P615SB	A615SB	Satin Brass
P615ABR	A615ABR	Antique Brass
P615ORB	A615ORB	Oil Rubbed Bronze
P615BBRZ	A615BBRZ	Brushed Bronze
P615GP	A615GP	Gold Plated
P615W	A615W	White

Minimum order: 1 pack. Screws can be combined for quantity pricing. Other Finishes are available on special order.

6 mm x 12 mm Flat Head Screws (8 per Pack)



Phillips Head

Allen Head

For: Berlin, Cardiff, Cathedral, Classique, Concord, Estate Geneva, Grande, Monaco, Petite, Pinnacle, Prima, Roman, Rondo, Shell, and Ultimate Hinges

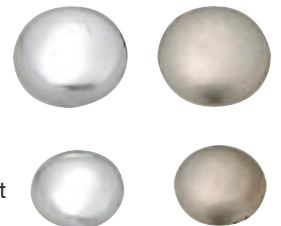
PHILLIPS HEAD CAT. NO.	ALLEN HEAD CAT. NO.	FINISH
P612CH	A612CH	Polished Chrome
P612SC	A612SC	Satin Chrome (Matte)
P612BSC	A612BSC	Brushed Satin Chrome
P612BN	A612BN	Brushed Nickel
P612PN	A612PN	Polished Nickel
P612SN	A612SN	Satin Nickel
P612ABN	A612ABN	Antique Brushed Nickel
P612BR	A612BR	Polished Brass
P612SB	A612SB	Satin Brass
P612ABR	A612ABR	Antique Brass
P612UBR	A612UBR	Ultra Brass
P612ORB	A612ORB	Oil Rubbed Bronze
P612ABRZ	A612ABRZ	Antique Bronze
P612BBRZ	A612BBRZ	Brushed Bronze
P612ABCO	A612ABCO	Antique Brushed Copper
P612BCO	A612BCO	Brushed Copper
P612PCO	A612PCO	Polished Copper
P612GM	A612GM	Gun Metal
P612GP	A612GP	Gold Plated
P612W	A612W	White
P612BL	A612BL	Black

Minimum order: 1 pack. Screws can be combined for quantity pricing. Other Finishes are available on special order.

CRL Caps for Cover Plate Screws

- Fits 5 mm and 6 mm Flat Head Phillips Screws (8 per Pack)

Apply a small dab of silicone sealant into the Phillips recess in the Screw, then snap the cap in place.



For: All CRL Cover Plates that use 5 mm or 6 mm Flat Head Phillips Screws

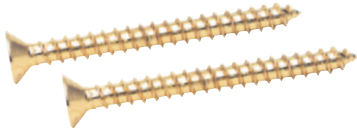
5 MM HEAD CAPS CAT. NO.	6 MM HEAD CAPS CAT. NO.	FINISH
CAP5CH	CAP6CH	Polished Chrome
CAP5BN	CAP6BN	Brushed Nickel
CAP5BR	CAP6BR	Polished Brass

Minimum order: 1 pack. Screws can be combined for quantity pricing. Other Finishes are available on special order.

Wall Mount Back Plate Screws

- CRL Has a Full Range of Shower Door Replacement Screws
- Available in Up to Twenty One Finishes

10 x 2" Flat Head Phillips Sheet Metal Screws (10 per Pack and 50 per Pack)



Fits: Berlin, Cardiff, Cathedral, Classique, Cologne, Concord, Estate, Geneva, Grande, Junior Cathedral, Junior Geneva, Junior Prima, Milano, Monaco, Petite, Pinnacle, Prima, Roman, Rondo, Shell, Ultimate, and Zurich Hinges.

10 PACK CAT. NO.	50 PACK CAT. NO.	FINISH
P102CH	P102CH50	Polished Chrome
P102SC	----	Satin Chrome
P102BSC	----	Brushed Satin Chrome
P102BN	----	Brushed Nickel
P102PN	----	Polished Nickel
P102SN	----	Satin Nickel
P102ABN	----	Antique Brushed Nickel
P102BR	P102BR50	Polished Brass
P102SB	----	Satin Brass
P102ABR	----	Antique Brass
P102UBR	----	Ultra Brass
P102ORB	----	Oil Rubbed Bronze
P102ABRZ	----	Antique Bronze
P102BBRZ	----	Brushed Bronze
P102ABCO	----	Antique Brushed Copper
P102BCO	----	Brushed Copper
P102PCO	----	Polished Copper
P102GM	----	Gun Metal
P102GP	----	Gold Plated
P102W	----	White
P102BL	----	Black

Minimum order: 1 pack. Screws can be combined for quantity pricing. Other Finishes are available on special order.

Hinge Pin Wrench

- Time Saving Tool for Changing Pivot Pin Degree Angle

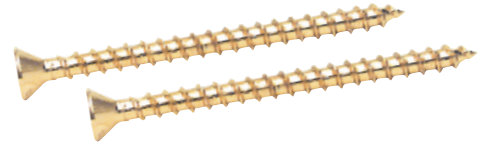


Works with the following hinge series: Geneva, Pinnacle, Elite, Ultimate, Cathedral, and Roman

The Hinge Pin Wrench simplifies the process of reversing 5 Degree Pivot Pins contained in select CRL Hinge Series. Minimum order is one each.

CAT. NO. HPW1

10 x 3" Flat Head Phillips Sheet Metal Screws (10 per Pack)



Fits: Berlin, Cardiff, Cathedral, Classique, Cologne, Concord, Estate, Geneva, Grande, Junior Cathedral, Junior Geneva, Junior Prima, Milano, Monaco, Petite, Pinnacle, Prima, Roman, Rondo, Shell, Ultimate, and Zurich Hinges.

10 PACK CAT. NO.	FINISH
P103CH	Polished Chrome
P103SC	Satin Chrome
P103BSC	Brushed Satin Chrome
P103BN	Brushed Nickel
P103PN	Polished Nickel
P103BR	Polished Brass
P103ABR	Antique Brass
P103ORB	Oil Rubbed Bronze
P103ABRZ	Antique Bronze
P103BBRZ	Brushed Bronze
P103GP	Gold Plated
P103W	White

Minimum order: 1 pack. Screws can be combined for quantity pricing. Other Finishes are available on special order.

Replacement Hinge Gaskets

- Now Stocked in Black and Clear for Many Hinge Series



We stock Replacement Gaskets to fit many popular hinge series. Packages contain two thick and two thin gaskets, in either black or clear as designated in chart below. Gaskets for hinge series not shown here are available on special order.

BLACK CAT. NO.	CLEAR CAT. NO.	HINGE SERIES GASKET SETS
GENGK1	GEN4GKCLR	Geneva
JRG4GK1	JRG4GKCLR	Junior Geneva
SDGK	SDGKCLR	Concord
PETGASK	PETGASKCLR	Petite
P1NGASK	P1NGASKCLR	Pinnacle
PPHGK	PPHGKCLR	Prima
SRPPHGK	----	Senior Prima
TR1GASK	----	Trianon
V1EGK1	V1E4GKCLR	Vienna
COLGK1	----	Cologne
ZURGK1	----	Zurich

Minimum order: 1 pack.

CRL Frameless Shower Door Hinge and Pull Handle or Knob Sets

- Our Five Most Popular Hinge Series
- Our Four Most Popular Finishes
- Our Best-Selling Pull Handle or Knob
- All Together in Easy-To-Order Sets

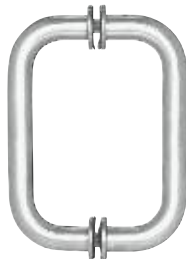
FINISHES:



We've made it even easier for you to get two of our most popular Hinges and our best-selling Pull Handle or Knob by combining them in one easy-to-order set. These Wall Mount Hinges or Top and Bottom Mount Pivot Hinges make up over 90% of our demand, and there is sure to be a style that will satisfy even your most demanding customers.

Vienna Series

Hinges for 3/8" to 1/2" (10 to 12 mm) Glass



CAT. NO.	FINISH
V1ES3CH	Polished Chrome
V1ES3BN	Brushed Nickel
V1ES3BR	Polished Brass
V1ES3ORB	Oil Rubbed Bronze

Minimum order: 1 set. All Hinge and Handle Sets can be combined for quantity pricing.

Set contains two each V1E037 Wall Mount Hinges plus one set BM6X6 Pull Handles With Metal Washers.

Cologne Series

Hinges for 3/8" to 1/2" (10 to 12 mm) Glass



CAT. NO.	FINISH
COLS3CH	Polished Chrome
COLS3BN	Brushed Nickel
COLS3BR	Polished Brass
COLS3ORB	Oil Rubbed Bronze

Minimum order: 1 set. All Hinge and Handle Sets can be combined for quantity pricing.

Set contains two each COL037 Wall Mount Hinges plus one set BM6X6 Pull Handles With Metal Washers.

Geneva Series

Hinges for 5/16" to 1/2" (8 to 12 mm) Glass



CAT. NO.	FINISH
GENS3CH	Polished Chrome
GENS3BN	Brushed Nickel
GENS3BR	Polished Brass
GENS3ORB	Oil Rubbed Bronze

Minimum order: 1 set. All Hinge and Handle Sets can be combined for quantity pricing.

Set contains two each GEN037 Wall Mount Hinges plus one set BM6X6 Pull Handles With Metal Washers.

Pinnacle Series

Hinges for 5/16" to 1/2" (8 to 12 mm) Glass



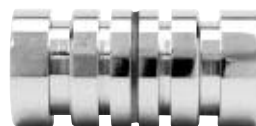
CAT. NO.	FINISH
P1NS3CH	Polished Chrome
P1NS3BN	Brushed Nickel
P1NS3BR	Polished Brass
P1NS3ORB	Oil Rubbed Bronze

Minimum order: 1 set. All Hinge and Handle Sets can be combined for quantity pricing.

Set contains two each P1N037 Wall Mount Hinges plus one set BM6X6 Pull Handles With Metal Washers.

Geneva Series

Hinges for 5/16" to 1/2" (8 to 12 mm) Glass



CAT. NO.	FINISH
GENS6CH	Polished Chrome
GENS6BN	Brushed Nickel
GENS6BR	Polished Brass
GENS6ORB	Oil Rubbed Bronze

Minimum order: 1 set. All Hinge and Handle Sets can be combined for quantity pricing.

Set contains two each GEN037 Wall Mount Hinges plus one SDK106 Back-to-Back Contemporary Knob.

Prima Series

Top and Bottom Mount Pivot Hinges for 5/16" to 3/8" (8 to 10 mm) Glass



CAT. NO.	FINISH
PPHS3CH	Polished Chrome
PPHS3BN	Brushed Nickel
PPHS3BR	Polished Brass
PPHS3ORB	Oil Rubbed Bronze

Minimum order: 1 set. All Hinge and Handle Sets can be combined for quantity pricing.

Set contains two each PPH01 Top and Bottom Mount Pivot Hinges plus one set BM6X6 Pull Handles With Metal Washers.

CRL Light Duty Frameless Shower Door Hinges

- Work Well for Small, Single Door Shower Stalls, or in Cabinet Applications
- Free-Swinging Hinges Require Hole in Glass
- Available in Half-Round or Square Corner Styles

CRL Light Duty Frameless Shower Door Hinges are designed for use in small, single door shower stalls where the frameless look is desired. They are free-swinging, allowing the door to swing 90 degrees outwards. These Light Duty Hinges are also an excellent choice in many cabinet applications. Available in two styles, Square Corner or Half-Round, in a choice of up to three finishes. Light Duty Hinges will accommodate 1/4" to 5/16" (6 to 8 mm) glass. Two Hinges per pack. Minimum order is one pack.

SPECIFICATIONS:

Glass Thickness: 1/4" (6 mm) to 5/16" (8 mm) Tempered Safety Glass

Construction: Solid Brass

Closing Type: Free-Swinging

Fabrication: 9/16" (14 mm) Diameter Hole Required (No Cut-Out) for EH84, EH86; 1/2" (12 mm) Diameter Hole for EH184, EH185, EH186

Includes: Gaskets



FINISHES:



Chrome

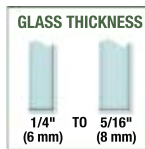


Satin
Chrome
(Matte)



Brass

Stocked in the finishes shown here. Others are available on special order.



CAT. NO. EH184 (Chrome)

CAT. NO. EH185 (Satin Chrome)

CAT. NO. EH186 (Brass)

Half-Round Style

CAT. NO. EH84 (Chrome)

CAT. NO. EH86 (Brass)

Square Corner Style

*MAXIMUM CAPACITIES	1/4" (6 MM) GLASS		5/16" (8 MM) GLASS	
	WEIGHT	DOOR WIDTH	WEIGHT	DOOR WIDTH
Using Two Hinges	50 lbs/23 kg	24"/610 mm	50 lbs/23 kg	24"/610 mm
Using Three Hinges	75 lbs/34 kg	24"/610 mm	75 lbs/34 kg	24"/610 mm

*NOTE: Do not exceed maximum door weight or width when choosing proper quantity of hinges.

CRL Frameless Hinge KD Door Kit

- Choice of Four Popular Finishes
- Requires Only Two Holes in Glass

Our Frameless Hinge KD Door Kit allows the look of heavy glass, while utilizing lower cost 1/4" (6 mm) thick glass. The hinges are applied through a 1" (25 mm) hole, and feature a molded nylon insert that allows a 3/16" (5 mm) horizontal adjustment in each direction. This design holds the glass firmly without relying on clamp pressure. Kits include a hinge jamb assembly with hinges and fin seal attached, an aluminum strike jamb, a "slip over the edge" magnetic latch handle, seals for around the door, and a hardware package. Glass is not included in the kit.

SPECIFICATIONS:

Glass Thickness: 1/4" (6 mm)
(Glass not included in kit)

Construction: Aluminum

Closing Type: Manual Close
With Magnetic Hold

Maximum Sizes:

Width: 36" (914 mm)

Height: 72" (1829 mm)

Kit Fabrication: Two 1" (25 mm) Diameter Holes Required,
1-1/4" (32 mm) from Edge of Glass to Center of Hole.
Use Two Hinges Only.



FINISHES:



Brite
Anodized



Brite Gold
Anodized



Brushed
Nickel



White

FRAMELESS HINGE KD DOOR KIT FOR 1/4" (6 MM) GLASS

CAT. NO.	HEIGHT	FINISH
HDK64BA	64" (1625 mm)	Brite Anodized
HDK64BGA	64" (1625 mm)	Brite Gold Anodized
HDK64BN	64" (1625 mm)	Brushed Nickel
HDK64W	64" (1625 mm)	White
HDK72BA	72" (1829 mm)	Brite Anodized
HDK72BGA	72" (1829 mm)	Brite Gold Anodized
HDK72BN	72" (1829 mm)	Brushed Nickel
HDK72W	72" (1829 mm)	White

Minimum order: 1 each. All kits can be combined for quantity pricing.

REPLACEMENT HINGES ONLY

CAT. NO.	FINISH
MH1CH	Brite Anodized
MH1BR	Brite Gold Anodized
MH1BN	Brushed Nickel
MH1W	White

Minimum order: 1 each.

CRL Jamb Mounted Hinge Kits

- Square or Radius/Beveled Forged Brass Hinges With Anodized Aluminum Jambs and Clear Vinyl Sweep
- 72" (1.83 m) and 78" (1.98 m) Height Kits, in the Three Most Popular Hinge Finishes Available for 5/16" (8 mm) to 1/2" (12 mm) Glass
- 5 Degree Hinge Pins Ensure Positive Closure to Provide a Water Resistant Seal at Both Sides and Bottom
- Self-Centering From 15 Degrees
- All Necessary Mounting Hardware Included

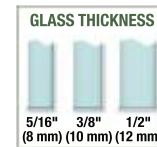
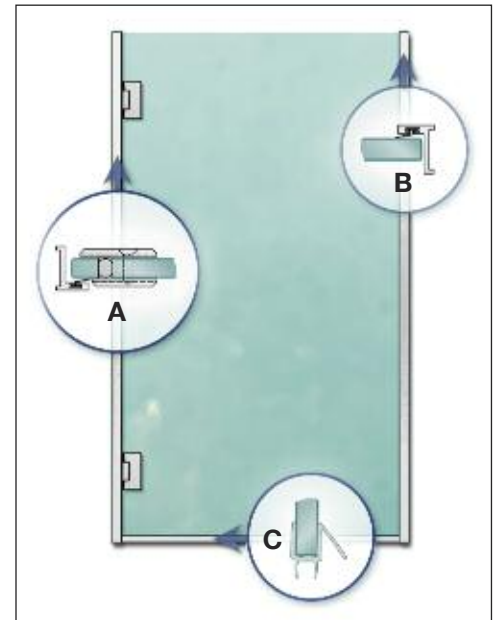
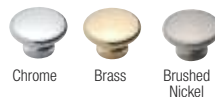
Our Jamb Mounted Hinge Kits let you provide an 'all-glass' look shower door in an easy-to-install configuration. Water leakage around the door is minimized with the use of extruded aluminum jambs with vinyl for both the hinge and strike sides, and a clear vinyl sweep for the bottom. Kits come in your choice of three of our most popular finishes, with glass cut-out templates and installation instructions enclosed.

NOTE: Pulls or Knobs must be ordered separately. Glass not included.

JAMB MOUNTED HINGE KITS CONSIST OF:

- A. Aluminum Jamb With Two Hinges Attached (Plus Vinyl)
- B. Aluminum Strike Jamb With Vinyl
- C. Clear Vinyl Bottom Sweep With Drip Rail
- D. Mounting Hardware

FINISHES:



CRL Standard Hinge Kits for 5/16" to 3/8" (8 to 10 mm) Glass Geneva Series Square Corner Style Hinges

72" (1.83 M) HIGH GENEVA SERIES KITS

CAT. NO.	FINISH
GEN03372CH	Chrome
GEN03372BR	Brass
GEN03372BN	Brushed Nickel

*NOTE: Maximum door width 28"/711 mm; weight 80 lbs/36 kg

78" (1.98 M) HIGH GENEVA SERIES KITS

CAT. NO.	FINISH
GEN03378CH	Chrome
GEN03378BR	Brass
GEN03378BN	Brushed Nickel

*NOTE: Maximum door width 28"/711 mm; weight 80 lbs/36 kg



Pinnacle Series Radius/Beveled Style Hinges

72" (1.83 M) HIGH PINNACLE SERIES KITS

CAT. NO.	FINISH
P1N03372CH	Chrome
P1N03372BR	Brass
P1N03372BN	Brushed Nickel

*NOTE: Maximum door width 28"/711 mm; weight 80 lbs/36 kg

78" (1.98 M) HIGH PINNACLE SERIES KITS

CAT. NO.	FINISH
P1N03378CH	Chrome
P1N03378BR	Brass
P1N03378BN	Brushed Nickel

*NOTE: Maximum door width 28"/711 mm; weight 80 lbs/36 kg



CRL Heavy-Duty Hinge Kits for 3/8" or 1/2" (10 or 12 mm) Glass Vienna Series Square Corner Style Hinges

72" (1.83 M) HIGH VIENNA SERIES KITS

CAT. NO.	FINISH
V1E03372CH	Chrome
V1E03372BR	Brass
V1E03372BN	Brushed Nickel

*NOTE: 3/8" Glass maximum door width 36"/914 mm; weight 100 lbs/45 kg
1/2" Glass maximum door width 30"/762 mm; weight 100 lbs/45 kg

Heavy-Duty Kits contain Bottom Sweeps for both 3/8" (10 mm) and 1/2" (12 mm) glass. All Kits can be mounted with the hinge on the left or right hand side when viewed from inside of the shower, and should be installed so that the door swings out.



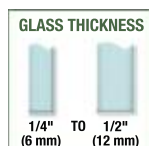
CRL SHOWER DOOR HANDLES

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL BM Series Back-to-Back Tubular Pull Handles With Metal Washers

- Our Most Popular Handle Series
- Heavy 3/4" (19 mm) Diameter Tubular Construction
- Decorative Metal Washers Also Serve to Cover Any Hole Defects in Glass
- Numerous Finish Choices in 6" (152 mm) and 8" (203 mm) Sizes
- Custom Finishes Available

New Economical Polished and Brushed Stainless Handles.



SPECIFICATIONS:

Material: Heavy 3/4" (19 mm) Diameter Brass, or Stainless Steel Tubing; 1-1/4" (32 mm) Diameter Washers

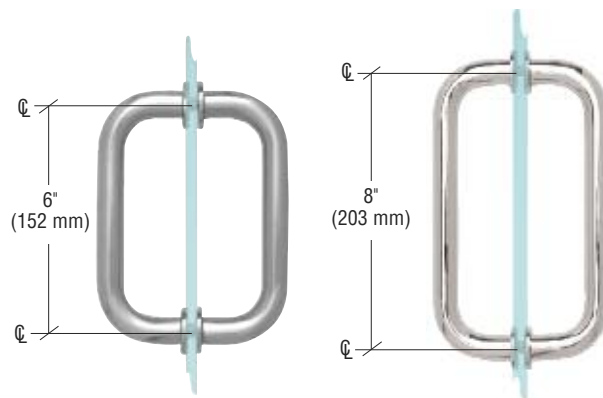
Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)



The BM Series of Back-to-Back Tubular Pull Handles With Metal Washers are constructed of heavy brass, or stainless steel tubing. Decorative metal back-up washers are included, as well as plastic washers to protect against glass-to-metal contact. Consists of one Pull for each side of the door (back-to-back).



MODEL BM6X6

MODEL BM8X8

6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
BM6X6CH	BM8X8CH	Polished Chrome
BM6X6SC	BM8X8SC	Satin Chrome (Matte)
BM6X6BSC	BM8X8BSC	Brushed Satin Chrome
BM6X6BN	BM8X8BN	Brushed Nickel
BM6X6PN	BM8X8PN	Polished Nickel
BM6X6SN	BM8X8SN	Satin Nickel
BM6X6ABN	BM8X8ABN	Antique Brushed Nickel
BM6X6BR	BM8X8BR	Polished Brass
BM6X6SB	BM8X8SB	Satin Brass
BM6X6ORB	BM8X8ORB	Oil Rubbed Bronze
---	BM8X8PCO	Polished Copper
BM6X6W	BM8X8W	White
BM6X6PS	BM8X8PS	Polished Stainless
BM6X6BS	BM8X8BS	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL BM Series Back-to-Back Tubular Pull Handles Without Metal Washers

- Our Most Popular Handle Series
- Heavy 3/4" (19 mm) Diameter Tubular Construction
- No Metal Washers Creates a Sleek, Continuous Profile of the 3/4" (19 mm) Pull Handle
- Numerous Finishes Choices in 6" (152 mm) and 8" (203 mm) Sizes
- Custom Finishes Available

New Economical Polished and Brushed Stainless Handles.

SPECIFICATIONS:

Material: Heavy 3/4" (19 mm) Diameter Brass, or Stainless Steel Tubing

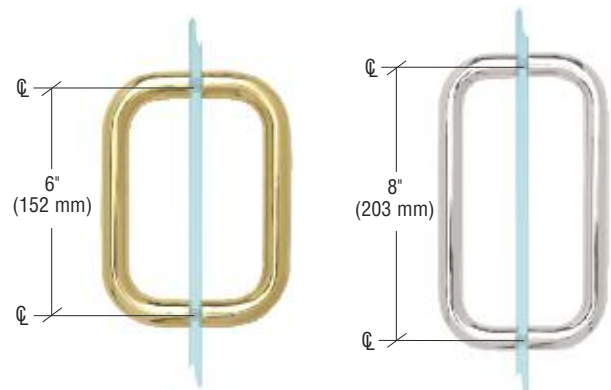
Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)



The BM Series of Back-to-Back Tubular Pull Handles Without Metal Washers are constructed of heavy brass or stainless steel tubing. These Pull Handles do not include decorative metal washers, although standard plastic washers are included to protect against glass-to-metal contact. Consists of one Pull for each side of the door (back-to-back).



MODEL BMN6X6

MODEL BMN8X8

6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
BMN6X6CH	BMN8X8CH	Polished Chrome
BMN6X6SC	BMN8X8SC	Satin Chrome (Matte)
BMN6X6BSC	BMN8X8BSC	Brushed Satin Chrome
BMN6X6BN	BMN8X8BN	Brushed Nickel
BMN6X6PN	BMN8X8PN	Polished Nickel
BMN6X6SN	BMN8X8SN	Satin Nickel
---	BMN8X8ABN	Antique Brushed Nickel
BMN6X6BR	BMN8X8BR	Polished Brass
BMN6X6SB	BMN8X8SB	Satin Brass
BMN6X6ORB	BMN8X8ORB	Oil Rubbed Bronze
BMN6X6W	BMN8X8W	White
BMN6X6PS	BMN8X8PS	Polished Stainless
BMN6X6BS	BMN8X8BS	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL SHOWER DOOR TOWEL BARS

For Pricing Visit crlaurence.com or Call Us Toll Free
at the Phone Numbers Shown on the Back Cover

CRL BM Series Single-Sided Tubular Towel Bars With Metal Washers

- Our Most Popular Single-Sided Towel Bar Series
- Decorative Metal Washers Also Serve to Cover Any Defect in Hole in Glass
- Heavy 3/4" (19 mm) Diameter Tubular Construction
- Numerous Finish Choices in Sizes Ranging From 12" (305 mm) to 30" (762 mm)
- Custom Finishes Available



The BM Series of Single-Sided Towel Bars With Metal Washers are designed for glass mounting on fixed panels or doors. The 3/16" (5 mm) low profile end caps make this an ideal bar for sliding bypass doors as well. Bars are constructed of 1.5 mil thickness heavy brass tubing. Decorative metal backup washers are included, as well as plastic washers to protect against glass-to-metal contact.

SPECIFICATIONS:

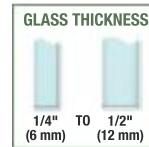
Material: 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick);
1-1/4" (32 mm) Diameter Metal Washers

Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:

12" Towel Bar = 12" (305 mm); 18" Towel Bar = 18" (457 mm);
20" Towel Bar = 20" (508 mm); 22" Towel Bar = 22" (559 mm);
24" Towel Bar = 24" (610 mm); 26" Towel Bar = 26" (660 mm);
27" Towel Bar = 27" (686 mm); 28" Towel Bar = 28" (711 mm);
30" Towel Bar = 30" (762 mm)



See the complete
range of beautiful
shower hardware
finishes at
crlaurence.com

12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	20" (508 MM) CAT. NO.	22" (559 MM) CAT. NO.	FINISH
BM12CH	BM18CH	BM20CH	BM22CH	Polished Chrome
BM12SC	BM18SC	BM20SC	BM22SC	Satin Chrome (Matte)
BM12BSC	BM18BSC	BM20BSC	BM22BSC	Brushed Satin Chrome
BM12BN	BM18BN	BM20BN	BM22BN	Brushed Nickel
BM12PN	BM18PN	BM20PN	BM22PN	Polished Nickel
---	BM18SN	---	---	Satin Nickel
---	BM18ABN	---	---	Antique Brushed Nickel
BM12BR	BM18BR	BM20BR	BM22BR	Polished Brass
BM12SB	BM18SB	BM20SB	BM22SB	Satin Brass
BM12ABR	BM18ABR	BM20ABR	BM22ABR	Antique Brass
BM12ORB	BM18ORB	BM20ORB	BM22ORB	Oil Rubbed Bronze
---	BM18ABRZ	---	---	Antique Bronze
---	---	BM20ABCO	---	Antique Brushed Copper
BM12W	BM18W	BM20W	BM22W	White
---	BM18BL	---	BM22BL	Black

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

24" (610 MM) CAT. NO.	26" (660 MM) CAT. NO.	27" (686 MM) CAT. NO.	28" (711 MM) CAT. NO.	30" (762 MM) CAT. NO.	FINISH
BM24CH	BM26CH	BM27CH	BM28CH	BM30CH	Polished Chrome
BM24SC	BM26SC	BM27SC	BM28SC	BM30SC	Satin Chrome (Matte)
BM24BSC	BM26BSC	BM27BSC	BM28BSC	BM30BSC	Brushed Satin Chrome
BM24BN	BM26BN	BM27BN	BM28BN	BM30BN	Brushed Nickel
BM24PN	BM26PN	BM27PN	BM28PN	BM30PN	Polished Nickel
BM24SN	---	---	---	---	Satin Nickel
BM24ABN	---	---	---	---	Antique Brushed Nickel
BM24BR	BM26BR	BM27BR	BM28BR	BM30BR	Polished Brass
BM24SB	BM26SB	BM27SB	BM28SB	BM30SB	Satin Brass
---	BM26ABR	---	BM28ABR	BM30ABR	Antique Brass
BM24ORB	BM26ORB	BM27ORB	BM28ORB	BM30ORB	Oil Rubbed Bronze
BM24ABRZ	---	---	---	---	Antique Bronze
BM24ABCO	---	---	---	---	Antique Brushed Copper
BM24W	BM26W	BM27W	BM28W	BM30W	White
BM24BL	---	---	---	---	Black

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

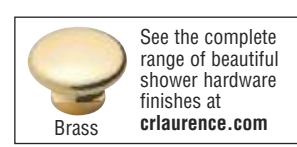
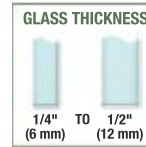


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CRL BM Series Single-Sided Tubular Towel Bars Without Metal Washers



- This Single-Sided Towel Bar With No Metal Washers Creates a Sleek, Continuous Profile
- Heavy 3/4" (19 mm) Diameter Tubular Construction
- Numerous Finish Choices in Sizes Ranging From 12" (305 mm) to 30" (762 mm)
- Custom Finishes Available



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing

Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:

12" Towel Bar = 12" (305 mm); 18" Towel Bar = 18" (457 mm);

20" Towel Bar = 20" (508 mm); 22" Towel Bar = 22" (559 mm);

24" Towel Bar = 24" (610 mm); 26" Towel Bar = 26" (660 mm);

27" Towel Bar = 27" (686 mm); 28" Towel Bar = 28" (711 mm);

30" Towel Bar = 30" (762 mm)

The BM Series of Single-Sided Towel Bars Without Metal Washers are designed for glass mounting on fixed panels or doors. The 1/8" (3 mm) low profile end caps make this an ideal bar for sliding bypass doors as well. The bars are constructed of heavy brass tubing. Plastic washers protect against glass-to-metal contact.

12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	20" (508 MM) CAT. NO.	22" (559 MM) CAT. NO.	FINISH
BMNW12CH	BMNW18CH	BMNW20CH	BMNW22CH	Polished Chrome
BMNW12SC	BMNW18SC	BMNW20SC	BMNW22SC	Satin Chrome (Matte)
BMNW12BSC	BMNW18BSC	BMNW20BSC	BMNW22BSC	Brushed Satin Chrome
BMNW12BN	BMNW18BN	BMNW20BN	BMNW22BN	Brushed Nickel
BMNW12PN	BMNW18PN	BMNW20PN	BMNW22PN	Polished Nickel
BMNW12BR	BMNW18BR	BMNW20BR	BMNW22BR	Polished Brass
BMNW12SB	BMNW18SB	BMNW20SB	BMNW22SB	Satin Brass
BMNW12ORB	BMNW18ORB	BMNW20ORB	BMNW22ORB	Oil Rubbed Bronze
---	BMNW18GP	---	---	Gold Plated
BMNW12W	BMNW18W	BMNW20W	BMNW22W	White

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

24" (610 MM) CAT. NO.	26" (660 MM) CAT. NO.	27" (686 MM) CAT. NO.	28" (711 MM) CAT. NO.	30" (762 MM) CAT. NO.	FINISH
BMNW24CH	BMNW26CH	BMNW27CH	BMNW28CH	BMNW30CH	Polished Chrome
BMNW24SC	BMNW26SC	BMNW27SC	BMNW28SC	BMNW30SC	Satin Chrome (Matte)
BMNW24BSC	BMNW26BSC	BMNW27BSC	BMNW28BSC	BMNW30BSC	Brushed Satin Chrome
BMNW24BN	BMNW26BN	BMNW27BN	BMNW28BN	BMNW30BN	Brushed Nickel
BMNW24PN	BMNW26PN	BMNW27PN	BMNW28PN	BMNW30PN	Polished Nickel
BMNW24ABN	---	---	---	---	Antique Brushed Nickel
BMNW24BR	BMNW26BR	BMNW27BR	BMNW28BR	BMNW30BR	Polished Brass
BMNW24SB	BMNW26SB	BMNW27SB	BMNW28SB	BMNW30SB	Satin Brass
---	BMNW26ABR	---	---	---	Antique Brass
BMNW24ORB	BMNW26ORB	BMNW27ORB	BMNW28ORB	BMNW30ORB	Oil Rubbed Bronze
BMNW24W	BMNW26W	BMNW27W	BMNW28W	BMNW30W	White

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL SHOWER DOOR TOWEL BARS

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CRL BM Series Back-to-Back Tubular Towel Bars With Metal Washers

- Our Most Popular Back-to-Back Towel Bar Series
- Decorative Metal Washers Also Serve to Cover Any Defect in Hole in Glass
- Custom Finishes Available

SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing;

1-1/4" (32 mm) Diameter Metal Washers

Glass Thickness Range: 1/4" (6 mm) to

1/2" (12 mm)

Hole Diameter Required: 1/2" (12 mm)

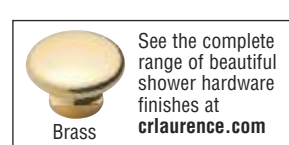
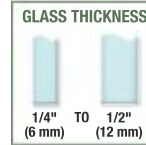
Center-to-Center Hole Spacing: 12" Towel

Bar = 12" (305 mm); 18" Towel Bar = 18"

(457 mm); 24" Towel Bar = 24" (610 mm);

30" Towel Bar = 30" (762 mm).

The BM Series of Back-to-Back Towel Bars With Metal Washers are constructed of heavy brass tubing. Decorative metal back-up washers are included, as well as plastic washers to protect against glass-to-metal contact. Consists of one Bar for each side of the door in four standard sizes. Up to 15 popular finishes are carried, with custom finishes available.



12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	30" (762 MM) CAT. NO.	FINISH
BM12X12CH	BM18X18CH	BM24X24CH	BM30X30CH	Polished Chrome
BM12X12SC	BM18X18SC	BM24X24SC	BM30X30SC	Satin Chrome (Matte)
BM12X12BSC	BM18X18BSC	BM24X24BSC	BM30X30BSC	Brushed Satin Chrome
BM12X12BN	BM18X18BN	BM24X24BN	BM30X30BN	Brushed Nickel
BM12X12PN	BM18X18PN	BM24X24PN	BM30X30PN	Polished Nickel
BM12X12SN	BM18X18SN	BM24X24SN	BM30X30SN	Satin Nickel
BM12X12ABN	BM18X18ABN	BM24X24ABN	BM30X30ABN	Antique Brushed Nickel
BM12X12BR	BM18X18BR	BM24X24BR	BM30X30BR	Polished Brass
BM12X12SB	BM18X18SB	BM24X24SB	BM30X30SB	Satin Brass
BM12X12ABR	BM18X18ABR	BM24X24ABR	BM30X30ABR	Antique Brass
BM12X12ORB	BM18X18ORB	BM24X24ORB	BM30X30ORB	Oil Rubbed Bronze
---	BM18X18ABRZ	---	---	Antique Bronze
---	BM18X18ABCO	BM24X24ABCO	---	Antique Brushed Copper
---	---	BM24X24BCO	---	Brushed Copper
BM12X12W	BM18X18W	BM24X24W	BM30X30W	White

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL BM Series Back-to-Back Tubular Towel Bars Without Metal Washers

- A Very Popular Back-to-Back Towel Bar
- No Metal Washers Creates a Sleek, Continuous Profile of a Pull Handle
- Heavy 3/4" (19 mm) Diameter Construction

SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing

Glass Thickness Range: 1/4" (6 mm) to

1/2" (12 mm)

Hole Diameter Required: 1/2" (12 mm)

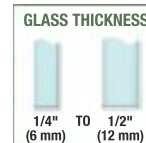
Center-to-Center Hole Spacing: 12" Towel

Bar = 12" (305 mm); 18" Towel Bar = 18"

(457 mm); 24" Towel Bar = 24" (610 mm);

30" Towel Bar = 30" (762 mm)

The BM Series of Back-to-Back Towel Bars Without Metal Washers are constructed of heavy brass tubing. Plastic washers are included to protect against glass-to-metal contact. Consists of one Bar for each side of the door in four standard sizes. Up to 12 popular finishes are carried, with custom finishes available.



12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	30" (762 MM) CAT. NO.	FINISH
BMNW12X12CH	BMNW18X18CH	BMNW24X24CH	BMNW30X30CH	Polished Chrome
BMNW12X12SC	BMNW18X18SC	BMNW24X24SC	BMNW30X30SC	Satin Chrome (Matte)
BMNW12X12BSC	BMNW18X18BSC	BMNW24X24BSC	BMNW30X30BSC	Brushed Satin Chrome
BMNW12X12BN	BMNW18X18BN	BMNW24X24BN	BMNW30X30BN	Brushed Nickel
BMNW12X12PN	BMNW18X18PN	BMNW24X24PN	BMNW30X30PN	Polished Nickel
BMNW12X12SN	BMNW18X18SN	BMNW24X24SN	BMNW30X30SN	Satin Nickel
BMNW12X12BR	BMNW18X18BR	BMNW24X24BR	BMNW30X30BR	Polished Brass
BMNW12X12SB	BMNW18X18SB	BMNW24X24SB	BMNW30X30SB	Satin Brass
---	---	BMNW24X24ABR	---	Antique Brass
BMNW12X12ORB	BMNW18X18ORB	BMNW24X24ORB	BMNW30X30ORB	Oil Rubbed Bronze
---	---	BMNW24X24ABRZ	---	Antique Bronze
BMNW12X12W	BMNW18X18W	BMNW24X24W	BMNW30X30W	White

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.



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CRL SHOWER DOOR PULL HANDLES/TOWEL BARS

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CRL BM Series Pull Handle/Towel Bar Combinations With Metal Washers

- Our Most Popular Combination Series
- New Sizes Incorporating 22" (559 mm) Towel Bars are Excellent for Use With Popular 28" (711 mm) Wide Doors
- Provides a Functional Pull Handle for Inside the Shower Enclosure, Along With a Convenient Towel Bar for the Outside
- Attractive Metal Washers



The BM Series of Pull Handle/Towel Bar Combinations With Metal Washers are provided with all the hardware required for installation. They are constructed of heavy brass tubing. Each consists of a Pull Handle/Towel Bar Set, along with decorative metal back-up washers and plastic washers to protect against glass-to-metal contact.

SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing;

1-1/4" (32 mm) Diameter Washers

Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

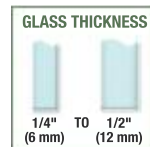
Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:

6" Pull = 6" (152 mm); 8" Pull = 8" (203 mm); 12" Pull = 12" (305 mm);

12" Towel Bar = 12" (305 mm); 18" Towel Bar = 18" (457 mm);

22" Towel Bar = 22" (559 mm); 24" Towel Bar = 24" (610 mm)



See the complete range of beautiful shower hardware finishes at crlaurence.com

6" HANDLE WITH 12" TOWEL BAR CAT. NO.	6" HANDLE WITH 18" TOWEL BAR CAT. NO.	6" HANDLE WITH 22" TOWEL BAR CAT. NO.	6" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
BM6X12CH	BM6X18CH	BM6X22CH	BM6X24CH	Polished Chrome
BM6X12SC	BM6X18SC	BM6X22SC	BM6X24SC	Satin Chrome (Matte)
BM6X12BSC	BM6X18BSC	BM6X22BSC	BM6X24BSC	Brushed Satin Chrome
BM6X12BN	BM6X18BN	BM6X22BN	BM6X24BN	Brushed Nickel
BM6X12PN	BM6X18PN	BM6X22PN	BM6X24PN	Polished Nickel
BM6X12SN	BM6X18SN	BM6X22SN	BM6X24SN	Satin Nickel
BM6X12BR	BM6X18BR	BM6X22BR	BM6X24BR	Polished Brass
BM6X12SB	BM6X18SB	BM6X22SB	BM6X24SB	Satin Brass
BM6X12ABR	BM6X18ABR	---	BM6X24ABR	Antique Brass
BM6X12ORB	BM6X18ORB	BM6X22ORB	BM6X24ORB	Oil Rubbed Bronze
---	BM6X18ABRZ	---	---	Antique Bronze
---	BM6X18ABCO	---	BM6X24ABCO	Antique Brushed Copper
BM6X12W	BM6X18W	BM6X22W	BM6X24W	White
---	BM6X18BL	---	---	Black

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

8" HANDLE WITH 18" TOWEL BAR CAT. NO.	8" HANDLE WITH 22" TOWEL BAR CAT. NO.	8" HANDLE WITH 24" TOWEL BAR CAT. NO.	12" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
BM8X18CH	BM8X22CH	BM8X24CH	BM12X24CH	Polished Chrome
BM8X18SC	BM8X22SC	BM8X24SC	BM12X24SC	Satin Chrome (Matte)
BM8X18BSC	BM8X22BSC	BM8X24BSC	BM12X24BSC	Brushed Satin Chrome
BM8X18BN	BM8X22BN	BM8X24BN	BM12X24BN	Brushed Nickel
BM8X18PN	BM8X22PN	BM8X24PN	BM12X24PN	Polished Nickel
BM8X18SN	BM8X22SN	BM8X24SN	---	Satin Nickel
BM8X18BR	BM8X22BR	BM8X24BR	BM12X24BR	Polished Brass
BM8X18SB	BM8X22SB	BM8X24SB	BM12X24SB	Satin Brass
BM8X18ABR	---	BM8X24ABR	---	Antique Brass
BM8X18ORB	BM8X22ORB	BM8X24ORB	BM12X24ORB	Oil Rubbed Bronze
BM8X18ABRZ	---	BM8X24ABRZ	---	Antique Bronze
BM8X18ABCO	---	---	---	Antique Brushed Copper
BM8X18GP	---	---	---	Gold Plated
BM8X18W	BM8X22W	BM8X24W	BM12X24W	White
BM8X18BL	---	---	---	Black

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

CRL SHOWER DOOR PULL HANDLES/TOWEL BARS

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CRL BM Series Pull Handle/Towel Bar Combinations Without Metal Washers

- Our Most Popular Combination Series
- New Sizes Featuring 22" (559 mm) Towel Bar are Excellent for Use With Popular 28" (711 mm) Wide Doors
- Provides a Functional Pull Handle for Inside the Enclosure, Along With a Convenient Towel Bar for the Outside
- No Metal Washers for Sleek, Continuous Profile Appeal



6" x 22" and 8" x 22" Sizes
Ideal for Popular 28" Wide Doors!

The BM Series of Pull Handle/Towel Bar Combinations Without Metal Washers are provided with all the hardware required for installation. They are constructed of heavy brass tubing. Each consists of a Pull Handle/Towel Bar set, along with plastic washers to protect against glass-to-metal contact.

SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing

Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

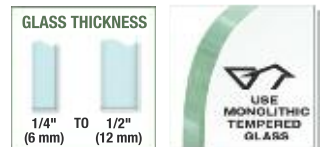
Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:

6" Pull = 6" (152 mm); 8" Pull = 8" (203 mm); 12" Pull = 12" (305 mm);

12" Towel Bar = 12" (305 mm); 18" Towel Bar = 18" (457 mm);

22" Towel Bar = 22" (559 mm); 24" Towel Bar = 24" (610 mm)



FINISHES **new**

6" HANDLE WITH 12" TOWEL BAR CAT. NO.	6" HANDLE WITH 18" TOWEL BAR CAT. NO.	6" HANDLE WITH 22" TOWEL BAR CAT. NO.	6" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
BMNW6X12CH	BMNW6X18CH	BMNW6X22CH	BMNW6X24CH	Polished Chrome
BMNW6X12SC	BMNW6X18SC	BMNW6X22SC	BMNW6X24SC	Satin Chrome (Matte)
BMNW6X12BSC	BMNW6X18BSC	BMNW6X22BSC	BMNW6X24BSC	Brushed Satin Chrome
BMNW6X12BN	BMNW6X18BN	BMNW6X22BN	BMNW6X24BN	Brushed Nickel
BMNW6X12PN	BMNW6X18PN	BMNW6X22PN	BMNW6X24PN	Polished Nickel
---	BMNW6X18SN	BMNW6X22SN	BMNW6X24SN	Satin Nickel
BMNW6X12BR	BMNW6X18BR	BMNW6X22BR	BMNW6X24BR	Polished Brass
BMNW6X12SB	BMNW6X18SB	BMNW6X22SB	BMNW6X24SB	Satin Brass
BMNW6X12ORB	BMNW6X18ORB	BMNW6X22ORB	BMNW6X24ORB	Oil Rubbed Bronze
BMNW6X12W	BMNW6X18W	BMNW6X22W	BMNW6X24W	White

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

8" HANDLE WITH 18" TOWEL BAR CAT. NO.	8" HANDLE WITH 22" TOWEL BAR CAT. NO.	8" HANDLE WITH 24" TOWEL BAR CAT. NO.	12" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
BMNW8X18CH	BMNW8X22CH	BMNW8X24CH	BMNW12X24CH	Polished Chrome
BMNW8X18SC	BMNW8X22SC	BMNW8X24SC	BMNW12X24SC	Satin Chrome (Matte)
BMNW8X18BSC	BMNW8X22BSC	BMNW8X24BSC	BMNW12X24BSC	Brushed Satin Chrome
BMNW8X18BN	BMNW8X22BN	BMNW8X24BN	BMNW12X24BN	Brushed Nickel
BMNW8X18PN	BMNW8X22PN	BMNW8X24PN	BMNW12X24PN	Polished Nickel
BMNW8X18SN	BMNW8X22SN	BMNW8X24SN	---	Satin Nickel
---	---	BMNW8X24ABN	---	Antique Brushed Nickel
BMNW8X18BR	BMNW8X22BR	BMNW8X24BR	BMNW12X24BR	Polished Brass
BMNW8X18SB	BMNW8X22SB	BMNW8X24SB	BMNW12X24SB	Satin Brass
BMNW8X18ORB	BMNW8X22ORB	BMNW8X24ORB	BMNW12X24ORB	Oil Rubbed Bronze
---	---	BMNW8X24ABCO	---	Antique Brushed Copper
BMNW8X18W	BMNW8X22W	BMNW8X24W	BMNW12X24W	White

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.



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CRL SHOWER DOOR TOWEL/GRAB BARS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Wall Mount Tubular Towel Bars

- Bars Made to Resemble Appearance of Through-Glass Bars
- Matching Finish Metal Washers to Accent Look
- 3/4" (19 mm) Diameter Heavy Brass Tubing
- Studs Screw Into Wall for Easy Installation
- Three Sizes in Up to Eight Popular Finishes



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing;

1-1/4" (32 mm) Diameter Metal Washers

Wall Mounted: Studs Screw Into Wall

Center-to-Center Hole Spacing: 12" Bar = 12" (305 mm);

18" Bar = 18" (457 mm); 24" Bar = 24" (610 mm)



These Wall Mounted Towel Bars are designed to be used where there is a desire for wall hardware that matches the hardware used in the shower enclosure. To install, simply screw studs into wall and secure the Towel Bar to them. Bars are 3/4" (19 mm) diameter brass tubing with matching finish metal washers. Bars project 3" (76 mm) from the wall.

12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
WTB12CH	WTB18CH	WTB24CH	Polished Chrome
WTB12SC	WTB18SC	WTB24SC	Satin Chrome
WTB12BN	WTB18BN	WTB24BN	Brushed Nickel
WTB12PN	WTB18PN	WTB24PN	Polished Nickel
WTB12SN	WTB18SN	WTB24SN	Satin Nickel
WTB12BR	WTB18BR	WTB24BR	Polished Brass
WTB12ORB	WTB18ORB	WTB24ORB	Oil Rubbed Bronze
WTB12GP	WTB18GP	WTB24GP	Gold Plated
WTB12W	WTB18W	WTB24W	White

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL Tubular Grab Bars

- Add an Element of Safety to Wet Environments
- Three Styles to Choose From
- Attractive Cover Flanges Conceal Mounting Hardware
- Nine Stock Finishes, With Custom Finishes Available



SPECIFICATIONS:

Material: 1-1/4" (32 mm) Diameter Stainless Steel or Brass Tubing

Includes: Cover Flanges and All Necessary Mounting Hardware

No Glass Drilling: Bars are Mounted to Inside Surface of Shower

These heavy-duty Grab Bars will add to the décor of any shower enclosure. At the same time, they provide an important element of bathroom safety. These surface mounted Bars are 1-1/4" (32 mm) in diameter, and feature a cover flange to conceal the fasteners. Standard straight lengths are 18" (457 mm) and 24" (610 mm). Stylish 20" (508 mm) 135 Degree Grab Bar brings a new and different look, and our newest Bar features a matching wire basket for soaps, shampoos, and washcloths. Constructed of stainless steel or brass material in nine finishes, Grab Bars come individually wrapped with fasteners included.

18" (457 MM) STRAIGHT CAT. NO.	24" (610 MM) STRAIGHT CAT. NO.	20" (508 MM) 135 DEGREE CAT. NO.	20" (508 MM) 135 DEGREE BAR AND BASKET CAT. NO.	FINISH
GB18CH	GB24CH	GB135CH	GB535CH	Polished Chrome
GB18SC	GB24SC	GB135SC	GB535SC	Satin Chrome
GB18BSC	GB24BSC	GB135BSC	GB535BSC	Brushed Satin Chrome
GB18BN	GB24BN	GB135BN	GB535BN	Brushed Nickel
GB18PN	GB24PN	GB135PN	GB535PN	Polished Nickel
GB18BR	GB24BR	GB135BR	GB535BR	Polished Brass
GB18ORB	GB24ORB	GB135ORB	GB535ORB	Oil Rubbed Bronze
GB18W	GB24W	GB135W	GB535W	White
GB18BL	GB24BL	GB135BL	GB535BL	Black

Minimum order: 1 each. All Grab Bars can be combined for quantity pricing.

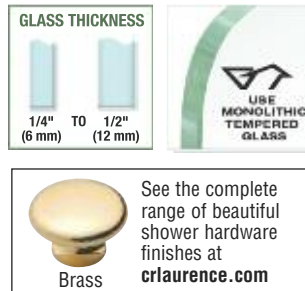
CRL SHOWER DOOR KNOBS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Shower Door Knobs

- Back-to-Back and Single-Sided Models Available
- Through-Glass or Glue-On Styles to Choose From
- Stocked in Numerous Finishes, With Custom Finishes Available
- For 1/4" (6 mm) to 1/2" (12 mm) Thick Glass

Shower Door Knobs are a functional and elegant method of entering and exiting a shower enclosure, while maintaining a low profile and helping to emphasize the 'all-glass' look. Back-to-Back and Single-Sided models are offered, with mounting choices of through-the-glass or glue-on. Some models offer up to 20 stock finishes to choose from, and custom finishes are also available.

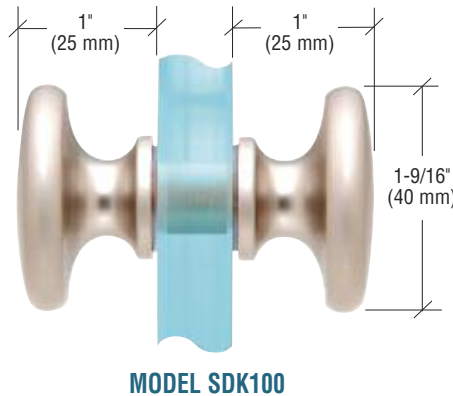


CRL Back-to-Back Style (Through-Glass Installation)

CRL Traditional Style Knobs

- Solid Brass Material
- Fits 1/4" to 1/2" (6 to 12 mm) Thick Tempered Glass

Our solid brass constructed Traditional Style Knobs provide a decorative method of entry and exit to a frameless shower enclosure, and add to the beauty of an 'all-glass' enclosure. Available in numerous stock finishes (custom finishes available), Traditional Style Knobs have an overall diameter of 1-9/16" (40 mm), and an overall height of 1" (25 mm) from the glass.



SPECIFICATIONS:
Material: Solid Brass
Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)
Hole Diameter Required: 3/8" (10 mm) or 1/2" (12 mm)

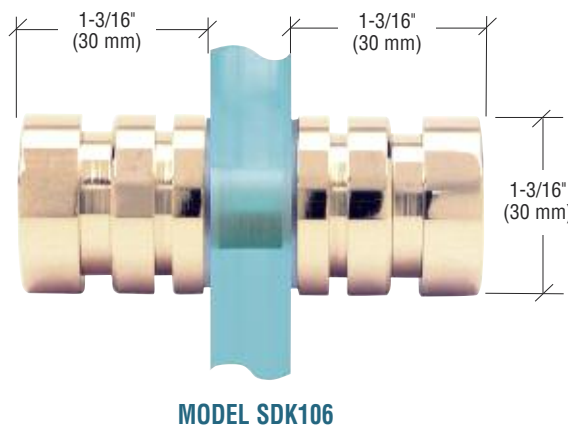
CAT. NO.	FINISH
SDK100CH	Polished Chrome
SDK100SC	Satin Chrome (Matte)
SDK100BSC	Brushed Satin Chrome
SDK100BN	Brushed Nickel
SDK100PN	Polished Nickel
SDK100SN	Satin Nickel
SDK100ABN	Antique Brushed Nickel
SDK100BR	Polished Brass
SDK100SB	Satin Brass
SDK100ABR	Antique Brass
SDK100UBR	Ultra Brass
SDK100ORB	Oil Rubbed Bronze
SDK100ABRZ	Antique Bronze
SDK100ABCO	Antique Brushed Copper
SDK100GM	Gun Metal
SDK100GP	Gold Plated
SDK100PW	Brushed Pewter
SDK100W	White
SDK100BL	Black

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Contemporary Style Knobs

- Solid Brass Material
- Fits 1/4" to 1/2" (6 to 12 mm) Thick Tempered Glass

The solid brass constructed Contemporary Style Knob has been a favorite of architects and designers for years. The sleek cylindrical shape blends into the aesthetics of the modern frameless shower enclosure. Available in nearly 20 stock finishes (custom finishes available), the Contemporary Knob measures 1-3/16" (30 mm) in diameter, and stands 1-3/16" (30 mm) from the glass.



SPECIFICATIONS:
Material: Solid Brass
Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)
Hole Diameter Required: 3/8" (10 mm) or 1/2" (12 mm)

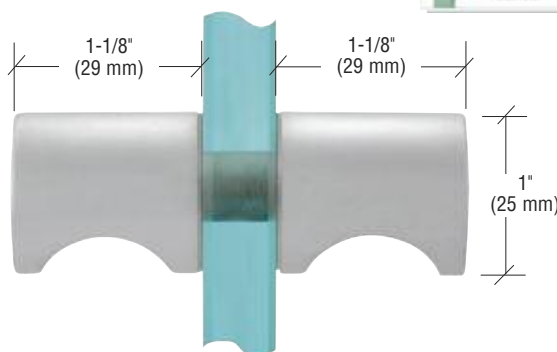
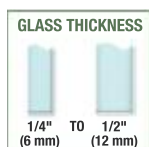
CAT. NO.	FINISH
SDK106CH	Polished Chrome
SDK106SC	Satin Chrome (Matte)
SDK106BSC	Brushed Satin Chrome
SDK106BN	Brushed Nickel
SDK106PN	Polished Nickel
SDK106SN	Satin Nickel
SDK106BR	Polished Brass
SDK106SB	Satin Brass
SDK106ABR	Antique Brass
SDK106UBR	Ultra Brass
SDK106ORB	Oil Rubbed Bronze
SDK106ABCO	Antique Brushed Copper
SDK106GM	Gun Metal
SDK106GP	Gold Plated
SDK106PW	Brushed Pewter
SDK106W	White
SDK106BL	Black

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Back-to-Back Style (Through-Glass Installation)

CRL Crescent Grip Style Knobs

- Concave Area Allows Easy Gripping Action
- The Choice of Many Architects and Designers



MODEL SDK140

SPECIFICATIONS:

Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required: 3/8" (10 mm) or 1/2" (12 mm)

Our Crescent Grip Style Knob gives a firm grip and designer styling to a frameless shower door. Knob measures 1" (25 mm) in diameter, and stands 1-1/8" (29 mm) from the glass surface. Back-to-Back configuration Crescent Grip Style Knobs are suitable for most any bathroom décor, and are stocked in nine beautiful finishes. Custom finishes are available on request.



See the complete range of beautiful shower hardware finishes at crlaurence.com

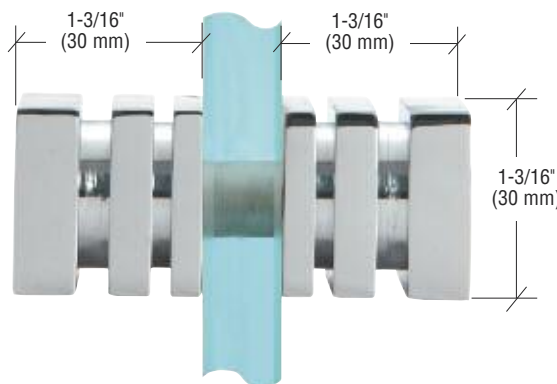
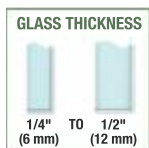


CAT. NO.	FINISH
SDK140CH	Polished Chrome
SDK140SC	Satin Chrome (Matte)
SDK140BSC	Brushed Satin Chrome
SDK140BN	Brushed Nickel
SDK140PN	Polished Nickel
SDK140BR	Polished Brass
SDK140ABR	Antique Brass
SDK140ORB	Oil Rubbed Bronze
SDK140BL	Black

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Square Style Knobs

- Square Shape to Match Configuration of Geneva, Vienna, Concord, Cardiff and Other Square Cornered CRL Hinges
- Attractive Ribbed Appearance



MODEL SDK160

SPECIFICATIONS:

Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required: 3/8" (10 mm) or 1/2" (12 mm)

The new solid brass Square Style Knob will be a favorite of architects, designers, and homeowners who wish to match the square cornered construction of such popular CRL Hinges at the Geneva, Vienna, Concord, Cardiff, and Junior Geneva Series. The ribbed appearance will add to the appeal and create a beautifully aesthetic appearance. The Square Style Knob measures 1-3/16" (30 mm) in diameter, and stands 1-3/16" (30 mm) from the surface of the glass. Stocked in numerous popular stock finishes, the Square Style Knob can also be ordered in custom finishes.



CAT. NO.	FINISH
SDK160CH	Polished Chrome
SDK160SC	Satin Chrome (Matte)
SDK160BN	Brushed Nickel
SDK160BR	Polished Brass
SDK160ORB	Oil Rubbed Bronze

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

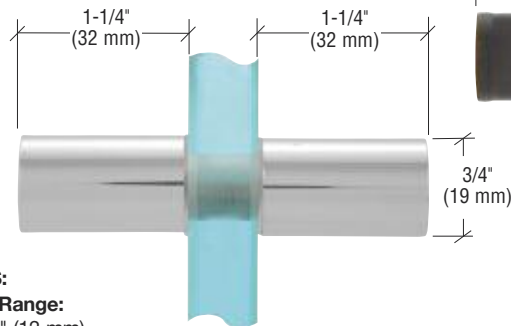
CRL SHOWER DOOR KNOBS

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CRL Back-to-Back Style (Through-Glass Installation)

CRL Cylinder Style Knobs

- New Model Offered With Protective Plastic Sleeve



MODEL SDK112
Without Plastic Sleeve

SPECIFICATIONS:

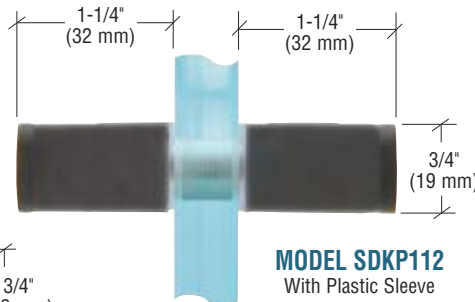
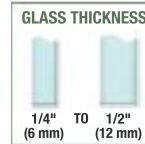
Glass Thickness Range:

1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required:

3/8" (10 mm) or 1/2" (12 mm)

Our Cylinder Style Knob adds a simple elegance to a frameless shower enclosure. The new Plastic Sleeve Model is ideal for use on sliding bypass shower doors to protect the knob surface. The sleek, cylindrical shape is functional without detracting from the beauty of an 'all-glass' door. Knob diameter is 3/4" (19 mm), and it stands 1-1/4" (32 mm) from the glass surface. Stocked in 10 beautiful finishes, with custom finishes available on request.



MODEL SDKP112
With Plastic Sleeve



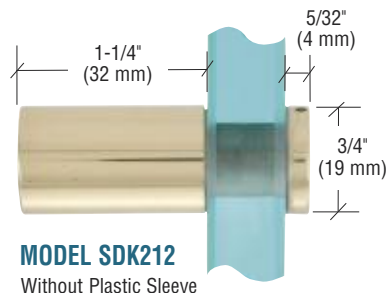
WITHOUT PLASTIC SLEEVE CAT. NO.	WITH PLASTIC SLEEVE CAT. NO.	FINISH
SDK112CH	SDKP112CH	Polished Chrome
SDK112SC	SDKP112SC	Satin Chrome (Matte)
SDK112BSC	SDKP112BSC	Brushed Satin Chrome
SDK112BN	SDKP112BN	Brushed Nickel
SDK112PN	SDKP112PN	Polished Nickel
SDK112BR	SDKP112BR	Polished Brass
SDK112SB	SDKP112SB	Satin Brass
SDK112ABR	SDKP112ABR	Antique Brass
SDK112ORB	SDKP112ORB	Oil Rubbed Bronze
SDK112W	SDKP112W	White

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Single-Sided Style (Through-Glass Installation)

CRL Cylinder Style Knobs

- Typically Used With Frameless Slider Shower Door Kits
- Available With or Without Plastic Protective Sleeve



MODEL SDK212
Without Plastic Sleeve

SPECIFICATIONS:

Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required: 3/8" (10 mm) or 1/2" (12 mm)

Our Cylinder Style Knob adds a simple elegance to a frameless shower enclosure. The new Plastic Sleeve Model is ideal for use on sliding bypass shower doors to protect the knob surface. Knob diameter is 3/4" (19 mm), and it stands 1-1/4" (32 mm) from the glass surface. The end cap for the single-sided model stands only 5/32" (4 mm) from the glass surface.



MODEL SDKP212
With Plastic Sleeve



WITHOUT PLASTIC SLEEVE CAT. NO.	WITH PLASTIC SLEEVE CAT. NO.	FINISH
SDK212CH	SDKP212CH	Polished Chrome
SDK212SC	SDKP212SC	Satin Chrome (Matte)
SDK212BSC	SDKP212BSC	Brushed Satin Chrome
SDK212BN	SDKP212BN	Brushed Nickel
SDK212PN	SDKP212PN	Polished Nickel
SDK212BR	SDKP212BR	Polished Brass
SDK212SB	SDKP212SB	Satin Brass
SDK212ABR	SDKP212ABR	Antique Brass
SDK212ORB	SDKP212ORB	Oil Rubbed Bronze
SDK212W	SDKP212W	White

Minimum order: 1 each. All Knobs can be combined for quantity pricing.



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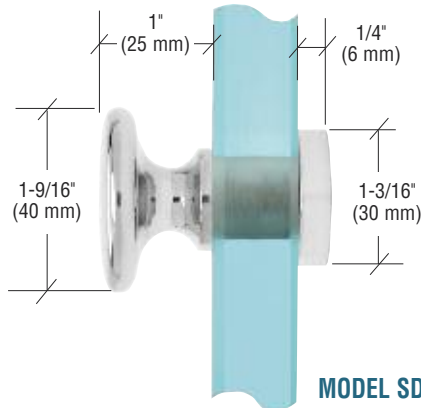
CRL SHOWER DOOR KNOBS

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CRL Single-Sided Style (Through-Glass Installation)

CRL Traditional Style Knobs

- Use for Frameless Shower Doors or Display Cabinets



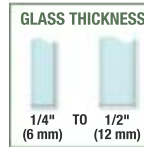
MODEL SDK200

SPECIFICATIONS:

Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required: 3/8" (10 mm) or 1/2" (12 mm)

Our solid brass Traditional Style Knobs are available in over 20 popular finishes. Overall diameter of Knob is 1-9/16" (40 mm), overall height is 1" (25 mm) from glass. End cap for single-sided Knob stands 1/4" (6 mm) from the door surface.

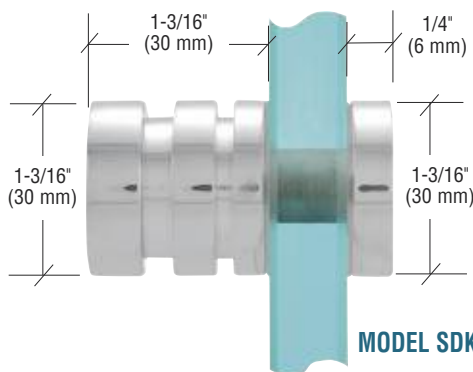


CAT. NO.	FINISH	CAT. NO.	FINISH
SDK200CH	Polished Chrome	SDK2000RB	Oil Rubbed Bronze
SDK200SC	Satin Chrome (Matte)	SDK200ABRZ	Antique Bronze
SDK200BSC	Brushed Satin Chrome	SDK200ABC0	Antique Brushed Copper
SDK200BN	Brushed Nickel	SDK200BC0	Brushed Copper
SDK200PN	Polished Nickel	SDK200PC0	Polished Copper
SDK200SN	Satin Nickel	SDK200GM	Gun Metal
SDK200ABN	Antique Brushed Nickel	SDK200GP	Gold Plated
SDK200BR	Polished Brass	SDK200PW	Brushed Pewter
SDK200SB	Satin Brass	SDK200W	White
SDK200ABR	Antique Brass	SDK200BL	Black

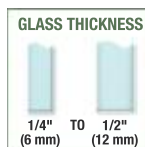
Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Contemporary Style Knobs

- Use for Frameless Shower Doors or Display Cabinets



MODEL SDK206



SPECIFICATIONS:

Glass Thickness Range: 1/4" (6 mm) to 1/2" (12 mm)

Hole Diameter Required: 1/2" (12 mm)

Solid brass Contemporary Style Knobs come in over a dozen beautiful finishes. Knobs measure 1-3/16" (30 mm) in diameter, and stand 1-3/16" (30 mm) from the door surface. End cap for single-sided Knob stands 1/4" (6 mm) from the door surface.

CAT. NO.	FINISH	CAT. NO.	FINISH
SDK206CH	Polished Chrome	SDK2060RB	Oil Rubbed Bronze
SDK206SC	Satin Chrome (Matte)	SDK206GM	Gun Metal
SDK206BSC	Brushed Satin Chrome	SDK206GP	Gold Plated
SDK206BN	Brushed Nickel	SDK206PW	Brushed Pewter
SDK206PN	Polished Nickel	SDK206W	White
SDK206BR	Polished Brass	SDK206BL	Black
SDK206SB	Satin Brass	SDK206ABR	Antique Brass

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL UV Threaded Adapters

- UV Glue Knobs, Pulls, and Towel Bars to Glass Without Drilling Holes
- Fabricated From 316 Stainless Steel

CRL's UV Threaded Adapters will not only substantially expand your UV business and glass hardware opportunities, but will also save glass fabrication time and expense. Use the Adapters to install towel bars or handles without drilling holes on existing shower door glass. Quickly and easily mount hardware in either new construction or existing installations using CRL's large selection of compatible hardware and UV adhesives, curing lamps, fixation devices, and cleaning supplies.

For additional information regarding hardware that can be used with our UV Adapter, contact CRL Glass and Glazing Technical Sales.



Affix knobs and handles to glass doors without drilling.



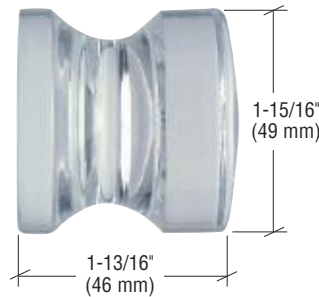
CAT. NO.	DIAMETER	THREAD SIZE
UV34ADP	3/4" (19 mm)	1/4"-20 UNC
UV1ADP	1" (25.4 mm)	1/4"-20 UNC

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL UV Traditional Crystal Knob

- All Crystal Design

The Traditional Style UV Crystal Knob provides a clean and transparent look. Use UV Adhesive for bonding Glass-to-Glass. Minimum order is one each.

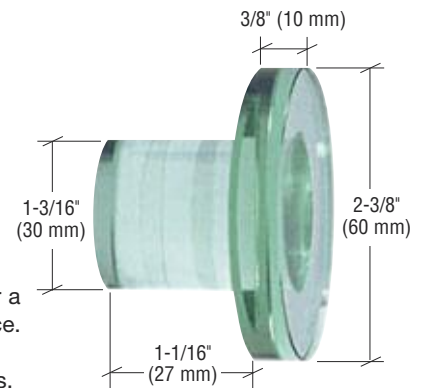


CAT. NO. SDK400CR

CRL UV Solid Glass Knob

- Transparent Design

CRL's Solid Glass UV Knob and a glass door blend together for a see-through appearance. Use UV Adhesive for bonding Glass-to-Glass. Minimum order is one each.



CAT. NO. SDK061

CRL Basic UV Glass Bonding Starter Kit

- Complete Glass-to-Glass and Glass-to-Metal Projects
- Crystal Clear Medium Bodied UV Adhesive
- Ships With Easy-to-Follow Instructions

Keep up with the growing trend of UV Glass Bonding usage with the CRL Basic UV Glass Bonding Starter Kit. We provide you with the very versatile Medium Viscosity Glass-to-Glass and Glass-to-Metal UV Adhesive that allows you to UV bond our towel bars or handles without drilling holes on existing shower door glass. Simple instructions included with the Kit will have you completing projects in no time. Minimum order is one each.

CRL BASIC UV GLASS BONDING STARTER KIT INCLUDES:

- 1 each Cat. No. UV240 110 Volts UV Adhesive Curing Lamp
- 1 each Cat. No. UVS30 UV Protective Spectacles
- 1 each Cat. No. UV604L25 Medium Viscosity UV Adhesive
- 5 each Cat. No. UVN85 Medium Viscosity Applicator Needles
- 2 each Cat. No. UVA1 Application Needle Adapter
- 1 each Cat. No. RS65 Glass Scraper



CAT. NO. UVSK2

- 100 each Cat. No. 51S Single Edge Razor Blades
- 12 pair Cat. No. 700512 Nitrile Gloves
- 1 pack Cat. No. Z100 Extra Fine Steel Wool
- 1 each Cat. No. CRL7528 Cleaner Degreaser
- 1 each Carrying Case



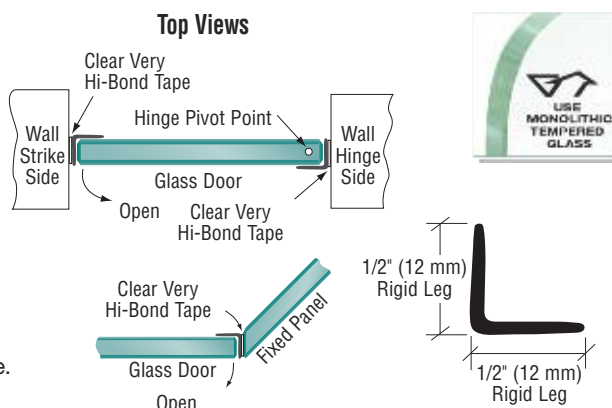
CRL SHOWER DOOR WIPES AND SEALS

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CRL Multi-Purpose Polycarbonate Strike Angle Jamb

- One of Our Best-Selling Polycarbonates

This Clear Polycarbonate Angle Jamb is used for both hinge and strike jambs. It can be adhered to the wall or a fixed panel using our Clear Very Hi-Bond Tape.



98" (2.49 M) STOCK LENGTHS

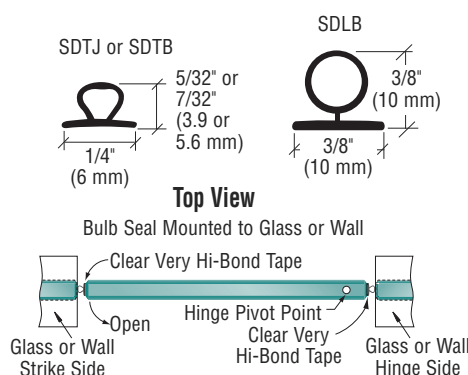
CAT. NO.	GLASS SIZE
P12LJ	1/4" to 1/2" (6 to 12 mm)

Minimum order: 1 each.

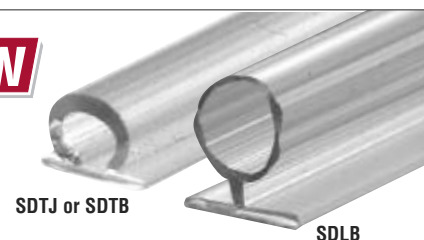
CRL Translucent Vinyl Bulb Seals

- Bulb Compresses When Door Closes
- Now Available With or Without Clear Very High Bond Tape

Translucent Vinyl Bulb Seal can be used on inswing or outswing doors. Cat. No. SDLB closes gaps from 3/16" (5 mm) to 3/8" (10 mm). Cat. No. SDTB closes gaps from 5/32" (4 mm) to 7/32" (5.5 mm). Cat. No. SDTJ closes gaps from 1/8" (3 mm) to 5/32" (4 mm). Adhere rigid flat base to glass edge or wall using our Clear Very Hi-Bond Tape.



new



98" (2.49 M) STOCK LENGTHS

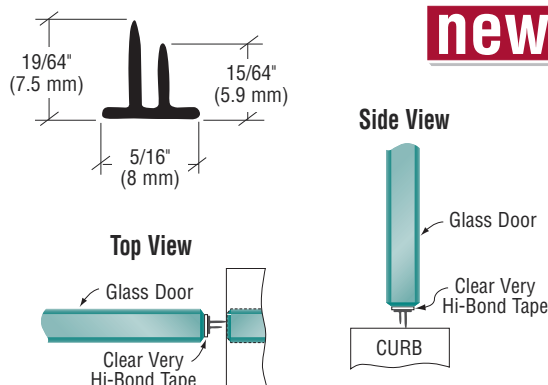
W/O TAPE CAT. NO.	WITH TAPE CAT. NO.	MAXIMUM GAP
SDTJ	SDTJT2	5/32" (4 mm)
SDTB	SDTBT2	7/32" (5.6 mm)
SDLB	---	3/8" (10 mm)

Minimum order: 5 each. Must be ordered in increments of five.

CRL Translucent Vinyl "Double Leg" Seal

- Different Length Legs Allow Versatility
- Now Available With or Without Clear Very High Bond Tape

Translucent "Double Fin" Seal can be used for inswing or outswing doors. The two different size legs allow the installer a choice of seal lengths. Use as is, or simply trim the legs as necessary. Adhere 5/16" (8 mm) rigid base to glass edge or wall using our Clear Very Hi-Bond Tape.



new



98" (2.49 M) STOCK LENGTHS

W/O TAPE CAT. NO.	WITH TAPE CAT. NO.	MAXIMUM GAP
SDTDF	SDTDF2	5/16" (8 mm)

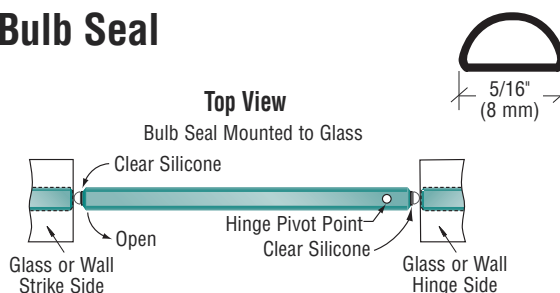
Minimum order: 5 each. Must be ordered in increments of five.

CRL Translucent Silicone Bulb Seal

- Can Be Used on Inswing and Outswing Doors

Translucent Silicone Bulb Seal can be used on inswing or outswing doors to close gaps from 1/16" (1.6 mm) to 3/16" (5 mm).

NOTE: Adhere flat base to glass edge or wall using clear silicone only, not tape.



98" (2.49 M) STOCK LENGTHS

CAT. NO.	MAXIMUM GAP
S1LB	3/16" (5 mm)

Minimum order: 5 each. Must be ordered in increments of five.

All Seals and Wipes can be combined for quantity pricing. Packing Charge added to orders fewer than 10 combined lengths.

CRL SHOWER DOOR WIPES AND SEALS

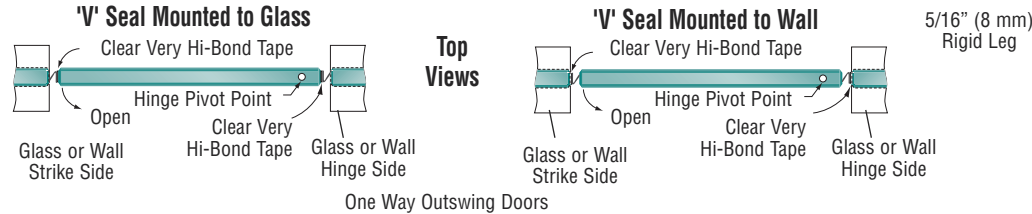
For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Translucent Vinyl 'V' Seal

new

- Seals Gaps From 3/16" (5 mm) to 1/4" (6 mm)
- Now Available With or Without Clear Very High Bond Tape

Translucent 'V' Seals are used only on doors swinging one way to seal gaps from 3/16" (5 mm) to 1/4" (6 mm). Adhere 5/16" (8 mm) rigid leg to glass edge or wall using our Clear Very Hi-Bond Tape. Door closes into soft vinyl leg.



MINIMUM ORDER IS FIVE
98" (2.49 M) STOCK LENGTHS

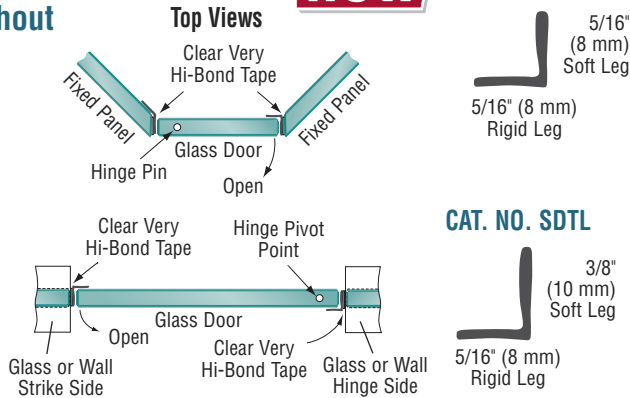
W/O TAPE CAT. NO.	WITH TAPE CAT. NO.	MAXIMUM GAP
SDTS	SDTST2	1/4" (6 mm)

CRL Translucent Vinyl 'L' Seals

new

- Now Available With or Without Clear Very High Bond Tape

Translucent 'L' Seals are offered in two sizes and rigidity. They should be used on outswing doors only, and can be used on both hinge and strike side jambs. Cat. No. SDTNL has a slightly softer and shorter sealing leg than Cat. No. SDTL. Use our Clear Very Hi-Bond Tape to apply the rigid leg of the "L" Seal to the surface. The soft leg of the "L" will act as a seal, allowing for a quiet and forgiving door closure.



CAT. NO. SDTNL



CAT. NO. SDTL



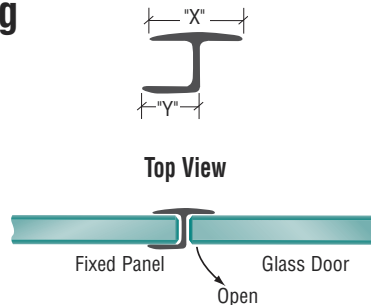
MINIMUM ORDER IS FIVE
98" (2.49 M) STOCK LENGTHS

W/O TAPE CAT. NO.	WITH TAPE CAT. NO.	MAXIMUM GAP
SDTNL	SDTNLT2	5/16" (8 mm)
SDTL	SDTLT2	3/8" (10 mm)

CRL "h" Jamb With Soft Leg

- Soft Vinyl Single Leg for Quieter Door Closure

This Seal is used on 180 degree inline glass-to-glass applications. The "U" portion is rigid, and the single leg is soft to cushion the closing. Snaps on to fixed panel inline with the door.



98" (2.49 M) STOCK LENGTHS

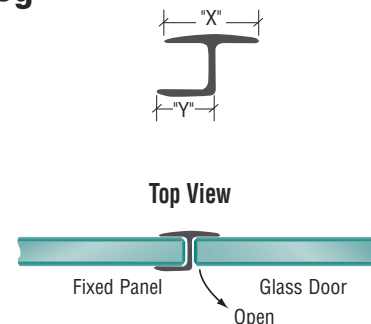
CAT. NO.	"X"	"Y"	GLASS THICKNESS
PCC8	3/4" (19 mm)	7/16" (11 mm)	5/16" (8 mm)
PCC10	13/16" (21 mm)	1/2" (12 mm)	3/8" (10 mm)
PCC12	13/16" (21 mm)	1/2" (12 mm)	1/2" (12 mm)

Minimum order: 1 each.

CRL "h" Jamb With Hard Leg

- Our Most Popular 180 Degree Inline Seal
- Snaps Onto Fixed Panel

This Clear "h" Jamb is for use on 180 degree inline glass-to-glass applications. Snap onto the fixed panel with a lip on the strike side, or onto the door with the lip on the hinge side. Leaves a clear appearance while serving as a functional seal. Entire "h" Jamb is made of hard polycarbonate.



98" (2.49 M) STOCK LENGTHS

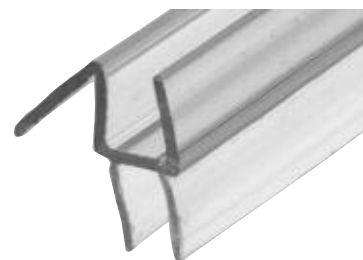
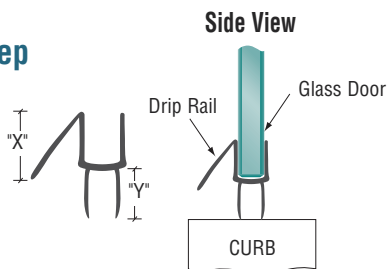
CAT. NO.	"X"	"Y"	GLASS THICKNESS
P140HJ	11/16" (17 mm)	3/8" (10 mm)	1/4" (6 mm)
P516HJ	3/4" (19 mm)	3/8" (10 mm)	5/16" (8 mm)
P380HJ	15/16" (24 mm)	1/2" (12 mm)	3/8" (10 mm)
P120HJ	15/16" (24 mm)	1/2" (12 mm)	1/2" (12 mm)

Minimum order: 1 each.

CRL Co-Extruded Bottom Wipe With Drip Rail

- Our Most Popular Bottom Sweep
- 45 Degree Drip Rail Assists in Deflecting Water Back Into Enclosure

The clear Bottom Wipe With Drip Rail snaps onto bottom of door. Soft wipes on bottom create a water resistant seal. 45 degree Drip Rail sheds the water back into the shower.



98" (2.49 M) STOCK LENGTHS

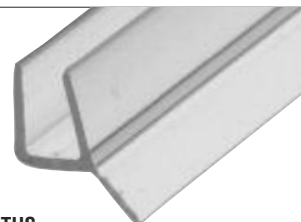
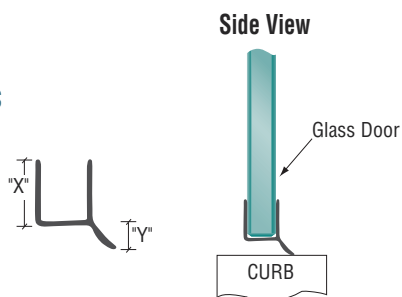
CAT. NO.	"X"	"Y"	GLASS THICKNESS
P914WS	5/8" (16 mm)	3/8" (10 mm)	1/4" (6 mm)
P956WS	5/8" (16 mm)	3/8" (10 mm)	5/16" (8 mm)
P990WS	3/4" (19 mm)	3/8" (10 mm)	3/8" (10 mm)
P912WS	3/4" (19 mm)	3/8" (10 mm)	1/2" (12 mm)

Minimum order: 1 each.

CRL Dual Durometer PVC Seal With Wipe

- Versatile Seal Can Be Used as Bottom Sweep, or Vertically on Bi-Fold Doors

This clear Dual Durometer PVC Seal and Wipe has two uses: Snap it on door bottom and the soft lip acts as a wipe; snap it on an overlapping bi-fold door and the soft lip acts as a seal.



98" (2.49 M) STOCK LENGTHS

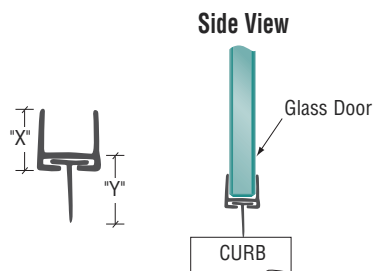
CAT. NO.	"X"	"Y"	GLASS THICKNESS
P14WS	3/8" (10 mm)	1/4" (6 mm)	1/4" (6 mm)
P770WS	1/2" (12 mm)	1/4" (6 mm)	5/16" (8 mm)
P880WS	9/16" (14 mm)	1/4" (6 mm)	3/8" (10 mm)
P120WS	19/32" (15 mm)	3/8" (10 mm)	1/2" (12 mm)

Minimum order: 1 each.

CRL Clear Bottom Rail With Translucent Wipe

- Includes Insert Slot With Our SDTW "T" Wipe Included

This Clear Bottom Rail is snapped onto door bottom to achieve a seal. Bottom rail includes a length of our Cat. No. SDTW Translucent "T" Wipe.



98" (2.49 M) STOCK LENGTHS

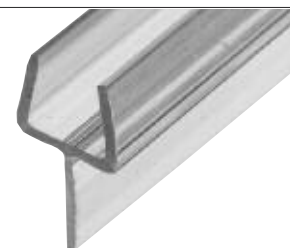
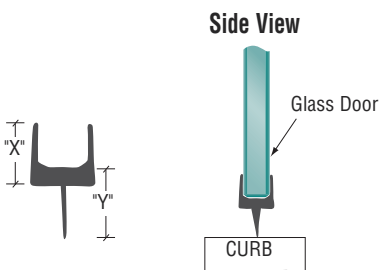
CAT. NO.	"X"	"Y"	GLASS THICKNESS
P450BR	3/8" (10 mm)	7/16" (11 mm)	5/16" (8 mm)
P500BR	7/16" (11 mm)	7/16" (11 mm)	3/8" (10 mm)
P660BR	1/2" (12 mm)	7/16" (11 mm)	1/2" (12 mm)

Minimum order: 1 each.

CRL One-Piece Bottom Rail With Clear Wipe

- Single-Piece Bottom Sweep

This ultra clear One-Piece Bottom Rail is snapped on the bottom of the door to achieve a seal. Because it is a single piece sweep, it means the vinyl seal that hangs down from the sweep will firmly direct the water back into the shower enclosure.



98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	"Y"	GLASS THICKNESS
P501BR	7/16" (11 mm)	7/16" (11 mm)	3/8" (10 mm)
P661BR	1/2" (12 mm)	7/16" (11 mm)	1/2" (12 mm)

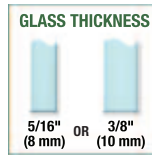
Minimum order: 1 each.

All Seals and Wipes can be combined for quantity pricing. Packing Charge added to orders fewer than 10 combined lengths.

CRL Hydroslide 180° and 90° Sliding Shower Door Systems

- Excellent Design for Compact Areas
- Clean, Sleek Lines
- Accommodates a Wide Range of Shower Designs
- Quick and Easy Installation

AVAILABLE IN FOUR STOCK FINISHES



180 Degree Wall-to-Wall Installation
Uses our 180 Degree Standard Kit

CRL Hydroslide Sliding Shower Door Kits were designed for full standing showers or above bathtubs. The Hydroslide System can accommodate a wide range of shower designs with fixed glass panels on either end, or both sides at 90 or 180 degrees. The Hydroslide System also accommodates the option of floor-to-near-ceiling glass panels with a sliding door. Hydroslide Sliding Shower Door Kits feature the latest European 'all-glass' look. Kits are available in either 60" (1.52 m) or 84" (2.13 m) widths. Installers can cut the width to size, and height is optional as long as the sliding door glass weighs less than 88 pounds (40 kg).

The 180 Degree Wall-to-Wall Installation only requires the 180 Degree Standard Kit for the installation. The 90 Degree Wall-to-Glass Installation requires the 180 Degree Standard Kit, plus the 90 Degree Wall-to-Glass Accessory Kit. Individual or replacement parts can also be ordered from the next page. Hydroslide Kits come in four finishes: Chrome Fittings with a Brite Anodized Sliding Track, Polished Brass with a Brite Gold Anodized Sliding Track, Brushed Nickel with Brushed Nickel Anodized Sliding Track, and Oil Rubbed Bronze with Oil Rubbed Bronze Anodized Sliding Track. Each Kit comes with complete fabrication and installation instructions.

NOTE: Bottom Fixed Glass Attachments, Handles or Knobs must be ordered separately.

180 DEGREE STANDARD KITS CONSIST OF:

- One - Sliding Glass Door Upper Track
- Two - Hangers for Sliding Glass Door
- Two - Sliding Glass Door Rollers
- Two - Sliding Glass Door Roller Stops
- One - Sliding Glass Door Floor Guide (HYD03)
- Two - 90 Degree Wall-to-Upper Track Connectors
- Two - 180 Degree Glass-to-Sliding Track Connectors
- One - 36" (.91 m) Half-Round SDT980 Threshold
- One - 98" (2.49 m) DK98L L-Seal for Wall

*90 DEGREE WALL-TO-GLASS ACCESSORY KITS CONSIST OF:

- One - 90 Degree Glass-to-Sliding Track Connector
- One - 90 Degree Wall-to-Glass Bracket

*90 Degree Units require that you order one 180 Degree Standard Kit plus one 90 Degree Accessory Kit

HYDROSLIDE SLIDING SHOWER DOOR KITS

180 DEGREE STANDARD KIT 60" (1.52 M) CAT. NO.	180 DEGREE STANDARD KIT 84" (2.13 M) CAT. NO.	90 DEGREE WALL-TO-GLASS ACCESSORY KIT CAT. NO.	FINISH
HYDK60CH	HYDK84CH	HYDA9CH	Brite Anodized/Chrome
HYDK60BR	HYDK84BR	HYDA9BR	Brite Gold Anodized/Brass
HYDK60BN	HYDK84BN	HYDA9BN	Brushed Nickel
HYDK60RB	HYDK84RB	HYDA9RB	Oil Rubbed Bronze

Minimum order: 1 each.

SPECIFICATIONS:

Glass Thickness Range: 5/16" (8 mm) to 3/8" (10 mm)

Tempered Safety Glass (Not Included)

Material: Plated or Lacquered Solid Brass Fittings;
Anodized Aluminum Sliding Door Track

Maximum Door Size: 88 lbs (40 kg)

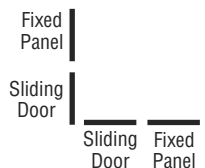
Fabrication: Holes Required in Fixed Panel and Door

Includes: Gaskets, Screws, and Glass Fabrication Information.
Complete installation instructions along with glass and metal cutting formula available at crlaurence.com.

NOTE: Ask our Shower Door Technical Sales Department about a special Installation using two Hydroslide Kits, along with our HYDH90 90 Degree Bracket (see next page) to allow two doors to meet at a 90 Degree Corner.



90 Degree Wall-to-Glass Installation
Uses our 180 Degree Standard Kit
plus a 90 degree Wall-to-Glass Accessory Kit



CRL SLIDING SHOWER DOOR SYSTEMS

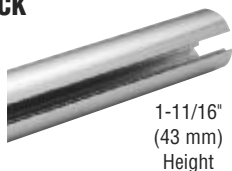
For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Hydroslide System Components

Hydroslide component parts can be ordered as replacement parts, or you can order the individual parts to fabricate your own custom installation

Sliding Shower Door Upper Track

The extruded aluminum Sliding Shower Door Upper Track is available in two lengths and four finishes. You can easily cut to length for your installation. Longer lengths available on special order.



1-11/16"
(43 mm)
Height

BRITE ANODIZED CAT. NO.	BRITE GOLD ANODIZED CAT. NO.	BRUSHED NICKEL ANODIZED CAT. NO.	OIL RUBBED BRONZE CAT. NO.	LENGTH
HYD60BA HYD84BA	HYD60BGA HYD84BGA	HYD60BN HYD84BN	HYD600RB HYD840RB	60" (1.52 m) 84" (2.13 m)

Minimum order: 1 each.

Sliding Door Hanger Kit

Kit consists of two Rollers, two Glass Hangers, and two Snap-In Screw Covers.



CAT. NO.	FINISH
HYD01CH	Polished Chrome
HYD01BR	Polished Brass
HYD01BN	Brushed Nickel
HYD01ORB	Oil Rubbed Bronze

Minimum order: 1 pack.

180 Degree Glass-to-Sliding Track Connector

For attaching the fixed glass to the Sliding Shower Door Upper Track in 180 degree installations.



CAT. NO.	FINISH
HYDG180CH	Polished Chrome
HYDG180BR	Polished Brass
HYDG180BN	Brushed Nickel
HYDG180ORB	Oil Rubbed Bronze

Minimum order: 1 each.

90 Degree Glass-to-Sliding Track Connector

For attaching the fixed glass to the Sliding Shower Door Upper Track in 90 degree installations.



CAT. NO.	FINISH
HYDG90CH	Polished Chrome
HYDG90BR	Polished Brass
HYDG90BN	Brushed Nickel
HYDG90ORB	Oil Rubbed Bronze

Minimum order: 1 each.

Snap-In Screw Cover Kit

Kit consists of two Snap-In Screw Covers.



CAT. NO.	FINISH
HYD04CH	Polished Chrome
HYD04BR	Polished Brass
HYD04BN	Brushed Nickel
HYD04ORB	Oil Rubbed Bronze

Minimum order: 1 each.

Sliding Door Floor Guide Kit

Kit consists of one Floor Guide and two Screws.



CAT. NO.	FINISH
HYD03CH	Polished Chrome
HYD03BR	Polished Brass
HYD03BN	Brushed Nickel
HYD03ORB	Oil Rubbed Bronze

Minimum order: 1 each.

90 Degree Wall-to-Glass Bracket

For securing a glass panel at 90 degrees to the wall. Includes two Screws and Snap-In Screw Covers.



CAT. NO.	FINISH
HYD05CH	Polished Chrome
HYD05BR	Polished Brass
HYD05BN	Brushed Nickel
HYD05ORB	Oil Rubbed Bronze

Minimum order: 1 each.

Roller Stop Kit

Kit consists of two Roller Stops and Screws.



CAT. NO.	COLOR
HYD02	Black

Minimum order: 1 each.

90 Degree Wall-to-Upper Track Connector

For attaching the Sliding Shower Door Upper Track to a wall at 90 degrees.



CAT. NO.	FINISH
HYDW90	Mill

Minimum order: 1 each.

90 Degree Hydroslide Header Bracket

To be used when two Hydroslide doors come together in a 90 degree corner.



new
CAT. NO. HYDH90

White Bushing Spacer Pack

Used in glass to prevent slippage. Six per pack. Minimum order is one pack.



CAT. NO. HYDS

Hydroslide Bi-Fold Hinges

Made of solid brass and available in four popular finishes, the Hydroslide Bi-Fold Hinges require holes in the glass. Used in conjunction with Hydroslide Header and a Hanger (both sold separately). Minimum order is one each.



CAT. NO.
HYDH037
Wall Mount

CAT. NO.
HYDH180
180 Degree
Glass-to-Glass

Sliding Door Guide

Allows the use of our HYD98 Bottom Sweep (sold separately).



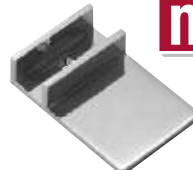
new

CAT. NO.	FINISH
HYD08CH	Polished Chrome
HYD08BR	Polished Brass
HYD08BN	Brushed Nickel
HYD08ORB	Oil Rubbed Bronze

Minimum order: 1 each.

Sliding Door Offset Guide

Allows the use of our HYD98 Bottom Sweep (sold separately). Offset to assist with uneven curb conditions.



new

CAT. NO.	FINISH
HYD09CH	Polished Chrome
HYD09BR	Polished Brass
HYD09BN	Brushed Nickel
HYD09ORB	Oil Rubbed Bronze

Minimum order: 1 each.

Bottom Sweep

Fits in both our HYD08 and HYD09 Guides, minimizing water leakage. Sold in 98" (2.49 m) stock lengths. Minimum order is one each.

new



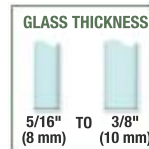
CAT. NO. HYD98

CRL Serenity Series Sliding Shower Door Systems



- Unique 180 Degree System With Rollers Above the Header Bar
- System Features One Sliding Door and One Fixed Panel
- Use of Minimal Hardware Gives Door an Almost Floating Appearance
- For 5/16" or 3/8" (8 or 10 mm) Thick Tempered Glass (Not Included)
- Specially Designed Roller Bearings Allow Easy Opening and Closing of Door
- Accessory Kit Available for 90 Degree Return Panels
- Choice of Durable Polished or Brushed Stainless Steel Finishes

new



"Most Innovative Bath Enclosure Product"

Our **NEW** Serenity Series Sliding Door System has an entirely different look from traditional sliding shower door systems. The use of minimal hardware provides a frameless look that gives the enclosure an almost floating appearance. Specially designed roller bearings allow for quiet, easy opening and closing of the door. This unique roller system operates above the header bar that spans the top of the enclosure.

One sliding and one fixed panel make the 180 Degree Standard Kit beautiful and practical. The Kit includes all items pictured at bottom right of the page, with the exception of the 90 Degree Accessory Kit, which is purchased separately (see bottom left of page). The durable polished or brushed stainless steel units will work with 5/16" or 3/8" (8 or 10 mm) thick tempered glass (not included).

SPECIFICATIONS:

Glass Thickness Range:

5/16" or 3/8" (8 or 10 mm)
Tempered Safety Glass
(Not Included)

Material:

Stainless Steel
Maximum Door Size:
Do Not Exceed Either
30" (762 mm) Wide or
88 Pounds (40 kg)

Fabrication: Holes
Required in Both Door
and Fixed Panel
(see crlaurence.com
for details)



Track Holder Fitting
for Wall is used in
conjunction with
90° Accessory Kit
(sold separately)

CAT. NO. SER90

Accessory Kit for
90 Degree Return
Sold Separately

STANDARD 180 DEGREE KIT INCLUDES:

- One - 78-3/4" (2 m) Length Header Bar
- Two - Rollers
- Two - Stoppers
- Two - Anti-Lift Fittings
- Two - Track Holder Fittings for Wall
- Two - Track Holder Fittings for Fixed Panel
- One - Thru-Glass Pull
- One - Door Guide



78-3/4" (2 m)
Header Bar.
Low Profile 1-1/8"
(28.6 mm) Height



Rollers



Stoppers



Anti-Lift Fittings



Track Holder Fittings
for Wall



Track Holder Fittings
for Fixed Panel



Thru-Glass Pull



Door Guide

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	DESCRIPTION
SERF2BS	SERF2PS	Standard 180° Kit
SER90BS	SER90PS	90° Accessory Kit
SERH2BS	SERH2PS	78-3/4" (2 m) Header Bar Only
SERR2BS	SERR2PS	Rollers (2 / Pack)
SERS2BS	SERS2PS	Stoppers (2 / Pack)
SERAL2BS	SERAL2PS	Anti-Lift Fittings (2 / Pack)
SERW2BS	SERW2PS	Track Holder Fittings For Wall (2 / Pack)
SERFP2BS	SERFP2PS	Track Holder Fittings For Fixed Panel (2 / Pack)
SERDG2BS	SERDG2PS	Door Guide
SERP2BS	SERP2PS	Thru-Glass Pull

Minimum order: 1 each.

CRL Essence Series Headerless Rolling Shower Door System

new

- Headerless System Offers Popular Frameless Look
- Bottom Rolling System Has Integrated Height Adjustment
- Rollers Include Anti-Derail/Anti-Pinch Guard
- Choice of Rounded or Square Style Roller System
- For Use Only With 1/2" (12 mm) Thick Tempered Glass (Not Included)

AVAILABLE IN FOUR STOCK FINISHES



Our **NEW** Essence Series allows a headerless appearance by utilizing a bottom rolling system that includes an anti-derail/anti-pinch guard feature. The bottom rollers also have an integrated height adjustment for door to vertical jamb alignment. By being completely header-free, a frameless vertical and horizontal appearance is achieved. Smooth and quiet operation of the door is the cornerstone of this bottom rolling unit. At the same time, excellent water management is accomplished at the sill via the bottom track, and vertically with the use of a clear L-shape jamb having a soft seal/bumper.

With your separate addition of a free standing shower head and valves, new configurations are possible, such as beautiful island designs, U-shaped designs, and L-shaped designs with unconventionally placed plumbing walls.

The Essence Series Frameless Sliding Shower Door System is for use only with 1/2" (12 mm) thick tempered safety glass (not included). It is stocked in four popular finishes, with a choice of rounded or square corner rollers.

Sold in a Basic Kit that allows both 180 degree and 90 degree installations, the user simply orders the necessary Brackets, and Handle or Knob separately to complete the installation. See the important **HOW TO ORDER** section at the bottom right of this page.

SPECIFICATIONS:

Glass Thickness Range: 1/2" (12 mm)
Tempered Safety Glass (Not Included)

Material: Rollers and Top Guide Constructed of Solid Brass; Bottom Sliding Track and U-Channel Constructed of Aluminum; Clear Plastic L-Jamb

Maximum Door Size: Do Not Exceed Either 34" (864 mm) Wide or 127 Pounds (57.6 kg)

Basic Kit Fabrication: Notch Required for Bottom Rollers, Holes Required for Top Guide (see crlaurence.com for details)



Rounded Roller Style



Square Corner Roller Style

BASIC ESS1 OR ESS3 KITS INCLUDE THE FOLLOWING:

- Two - Bottom Rollers
 - One - Spanner Wrench for Roller Adjustment
 - One - Top Door Guide
 - One - 64" (1.63 m) Bottom Track
 - One - 98" (2.49 m) U-Channel
 - One - 98" (2.49 m) Plastic L-Seal
 - One - SDCEC12 End Cap for Channel
 - One - M6164 Shower Door Bumper
 - One - 1" (25.4 mm) Long Drain Piece for Track
 - One - 1/16" (1.6 mm) Neoprene Setting Block
- NOTE:** Glass Brackets, Handle or Knob, and Other Accessories Sold Separately

HOW TO ORDER FOR 180 DEGREE WALL-TO-WALL INSTALLATION

1. Order Basic ESS1 or ESS3 Kit in Your Choice of Finish
2. Order Two Each CL90S (Rounded) or GE90S (Square Cornered) Wall Mount Brackets
3. Order Your Choice of Handle or Knob for Door
4. Order Any Other Accessories You May Want for the Enclosure

HOW TO ORDER FOR 90 DEGREE RETURN PANEL INSTALLATION

1. Order Basic ESS1 or ESS3 Kit in Your Choice of Finish
2. Order Two Each CL90S (Rounded) or GE90S (Square Cornered) Wall Mount Brackets, plus Two Each CL090 (Rounded) or GE090 (Square Cornered) 90 Degree Glass-to-Glass Brackets
3. Order Your Choice of Handle or Knob for Door
4. Order Any Other Accessories You May Want for the Enclosure

ESSENCE SERIES HEADERLESS ROLLING SHOWER DOOR KITS

POLISHED CHROME CAT. NO.	BRUSHED NICKEL CAT. NO.	POLISHED BRASS CAT. NO.	OIL RUBBED BRONZE CAT. NO.	DESCRIPTION
ESS1CH	ESS1BN	ESS1BR	ESS1ORB	Basic Rounded Roller Style Essence Kit
ESS3CH	ESS3BN	ESS3BR	ESS3ORB	Basic Square Cornered Roller Style Essence Kit
BR4CH	BR4BN	BR4BR	BR4ORB	Replacement Rounded Style Bottom Roller
SR4CH	SR4BN	SR4BR	SR4ORB	Replacement Square Cornered Bottom Roller
TG4CH	TG4BN	TG4BR	TG4ORB	Replacement Top Guide
BT4CH	BT4BN	BT4BR	BT4ORB	64" (1.63 m) Replacement Bottom Track
SDCD12BA	SDCD12BN	SDCD12BGA	SDCD12ORB	98" (2.49 m) Replacement U-Channel
DK98L	DK98L	DK98L	DK98L	98" (2.49 m) Replacement Clear Plastic L-Seal

Minimum order: 1 each. **NOTE:** Glass Brackets, Door Handle or Knob, and Other Items Sold Separately.

CRL Cottage "CK" Series Frameless Sliding Shower Door System (Clear Jambs)

- Utilizes Clear Polycarbonate Side Jambs Instead of Traditional Metal Jambs
- Bolt-Through Top Hangers Provide for Immediate Fabrication and Installation
- Designed for Use With 3/8" (10 mm) or 1/4" (6 mm) Tempered Glass (Not Included)
- Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze in Up to Six Stock Sizes
- Custom Units Also Available



Custom 90 Degree Unit Shown

CRL Cottage "CK" Series Bypass Sliders are unique in that they utilize clear polycarbonate side jambs instead of traditional metal side jambs, thus providing more of the popular 'all-glass' look. Bolt-Through Top Hangers allow immediate fabrication and installation, with no waiting for messy adhesive to dry. Cottage Series Kits come in Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze finishes, with other finishes available on special order.

The top hung stock units include: Header, Top Hangers for 1/4" (6 mm) or 3/8" (10 mm) glass, Clear Polycarbonate Side Jambs, Bottom Sill, Back-to-Back Knob, 24" (610 mm) Towel Bar, Nylon Rollers, and Bottom Guide. Tempered glass and silicone sealant are supplied by the installer to complete the installation. Since all rollers are overhead, the Bottom Sill and Clear Side Jambs are uncluttered, making cleaning easy. Available in up to six stock sizes. Extrusions, Bottom Guides, Hardware Packages, and other accessories may be ordered separately as well (see next page). Custom units are available.

The Clear Jamb System Changes How You View Frameless Sliding Shower Door Kits Because the Vertical Metal is Eliminated

DESIGNED BY C.R. LAURENCE

SPECIFICATIONS:

Materials: Extrusions (Aluminum); Side Jambs (Polycarbonate); Towel Bar (Brass Tubing); Knob (Solid Brass)

For Glass Thickness: 1/4" (6 mm) or 3/8" (10 mm) (Glass not included in Kit)

Include: Aluminum Extrusions, Top Hangers for 3/8" (10 mm) or 1/4" (6 mm), Clear Polycarbonate Jambs, 24" (610 mm) Towel Bar, Knob, Hardware Package, and Installation Instructions

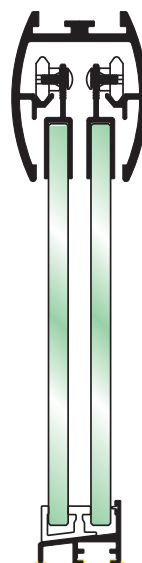
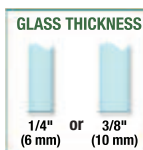
Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole; Top Hangers – Four 1/2" (12 mm) Diameter Holes (two per glass panel) (see crlaurence.com for complete information).

COTTAGE "CK" SERIES SLIDING SHOWER DOOR KITS

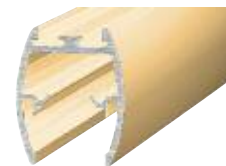
1/4" (6 MM) GLASS* CAT. NO.	3/8" (10 MM) GLASS* CAT. NO.	SIZE (WIDTH X HEIGHT)
CK146060	CK386060	60" x 60" (1.52 m x 1.52 m)
CK146072	CK386072	60" x 72" (1.52 m x 1.83 m)
—	CK386080	60" x 80" (1.52 m x 2.03 m)
CK147260	CK387260	72" x 60" (1.83 m x 1.52 m)
—	CK387272	72" x 72" (1.83 m x 1.83 m)
—	CK387280	72" x 80" (1.83 m x 2.03 m)

Minimum order: 1 each. * Specify Finish When Ordering. Sizes and finishes can be combined for quantity pricing.

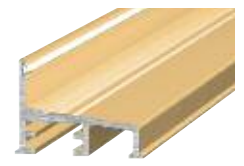
AVAILABLE IN FOUR STOCK FINISHES



End View of Sliding Panels



Header



Bottom Sill



Top Hanger for 3/8" (10 mm) Glass



Top Hanger for 1/4" (6 mm) Glass



Clear Polycarbonate Jamb



Back-to-Back Knob (with Plastic Sleeve)

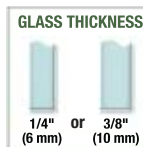


24" (610 mm) Towel Bar

CRL Component Items for Cottage "CK" Series Sliders

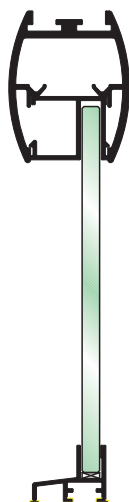


- Individual Supplementary Extrusions and Hardware Components to Convert Our Frameless Shower Door Kits Into Angled Enclosures or Wider Inline Units
- Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze Finishes to Match Our Kits
- Do It Yourself, or You Can Send Us a Drawing to Customize a Unit for You



Cottage "CK" Series Components were especially designed by CRL to add versatility to our Frameless Sliding Shower Door Kits. They allow the option of adding additional panels to create a designer enclosure, or simply construct your own sliding unit by combining the various parts. Stock lengths of Headers, Header Fillers, Bottom Sills, Sidelite Sills, and Clear Polycarbonate Vertical Side Jambs, along with Top Hangers and other accessory items round out the available items. Glass is not included.

Use these components to build the enclosure you desire, or even simpler, email or fax us a drawing (with dimensions) of the shower opening and we will put together a customized kit for you that will include everything you will need (except the glass and the silicone). Contact CRL Frameless Shower Technical Sales for details.



End View of Fixed Panel

SPECIFICATIONS:

Materials: Extrusions (Aluminum), Side Jamb Seals (Polycarbonate), Knob (Solid Brass), Towel Bar (Brass Tubing)

For Glass Thickness: 1/4" (6 mm) or 3/8" (10 mm) (Glass not included)

Recommended Maximum Slider Sizes:

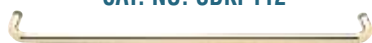
1/4" (6 mm) Glass: 60" W x 72" H (1.52 x 1.83 m) or 72" W x 60" H (1.83 x 1.52 m); 3/8" (10 mm) Glass: 72" W x 80" H (1.83 x 2.03 m)

Glass Fabrication: See opposite page



Back-to-Back Knob (with Plastic Sleeve)

CAT. NO. SDKP112



Towel Bar

CAT. NO. BMNW24 = 24" (610 mm)

Bottom Sill Filler Extrusion

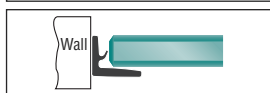
CAT. NO. DK7172

Make your own bottom filler for out-of-level sills

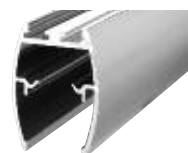
Custom Made Tapered Bottom Sill Fillers

CAT. NO. DK71

Precision-made to order by C.R. Laurence Manufacturing



Polycarbonates adhere to glass or wall as shown using our Clear Very Hi-Bond Tape (not included).



Header

CAT. NO. DK61

= 72" (1.83 m)

CAT. NO. DK61144

= 144" (3.66 m)



Header Filler

CAT. NO. DK62

= 72" (1.83 m)

CAT. NO. DK62144

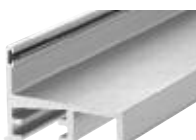
= 144" (3.66 m)



Top Hanger

CAT. NO. DK66

for 3/8" (10 mm) Glass



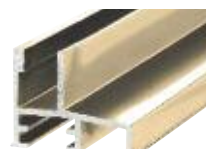
Bottom Sill

CAT. NO. DK63

= 72" (1.83 m)

CAT. NO. DK63144

= 144" (3.66 m)



Sidelite Sill

CAT. NO. DK64

= 72" (1.83 m)

CAT. NO. DK64144

= 144" (3.66 m)



Top Hanger

CAT. NO. DK67

for 1/4" (6 mm) Glass



Bottom Guide

CAT. NO. DK6914

for 1/4" (6 mm) Glass

CAT. NO. DK6938

for 3/8" (10 mm) Glass



L-Shaped Clear Polycarbonate

CAT. NO. DK98L

= 98" (2.49 m)



T-Shaped Clear Polycarbonate

CAT. NO. DK98T

= 98" (2.49 m)

CATALOG NUMBERS FOR OTHER "CK" SERIES COMPONENTS

COMPONENT DESCRIPTION	BRITE ANODIZED CAT. NO.	BRITE GOLD ANODIZED CAT. NO.	BRUSHED NICKEL CAT. NO.	OIL RUBBED BRONZE CAT. NO.
Hardware Package	DK68B	DK68G	DK68B	DK68BL
Back-to-Back Knob	SDKP112CH	SDKP112BR	SDKP112BN	SDKP112ORB
24" Towel Bar	BMNW24CH	BMNW24BR	BMNW24BN	BMNW24ORB

Minimum order: 1 each.

CRL Cottage "DK" Series Frameless Sliding Shower Door System (Metal Jambs)

- Utilizes Traditional Metal Side Jambs
- Bolt-Through Top Hangers Provide for Immediate Fabrication and Installation
- Designed for Use With 3/8" (10 mm) or 1/4" (6 mm) Tempered Glass (Not Included)
- Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze in Up to Six Stock Sizes
- Custom Units Also Available



Custom 90 Degree Unit Shown

Our "DK" Series Kits Have Metal Jambs for a Traditional Look Without Sacrificing Style

CRL Cottage "DK" Series Sliders utilize metal side jambs for a traditional frameless sliding shower door appearance. Bolt-Through Top Hangers allow immediate fabrication and installation, with no waiting for messy adhesive to dry. Our "DK" Series Kits come in Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze finishes, with other finishes available on special order.

The top hung stock units include: Extruded Aluminum Header, Side Jambs, and Bottom Sill; Top Hangers for 1/4" (6 mm) or 3/8" (10 mm) glass, Back-to-Back Knob, 24" (610 mm) Towel Bar, Nylon Rollers, Bottom Guide, Screws, and Bumpers. Tempered glass and silicone sealant are supplied by the installer to complete the installation. Since all rollers are overhead, the Bottom Sill and Side Jambs are uncluttered, making cleaning easy. They are available in up to six stock sizes. Extrusions, Bottom Guides, Hardware Packages, and other accessories may be ordered separately (see next page). Custom units are available.

SPECIFICATIONS:

Materials: Extrusions (Aluminum); Towel Bar (Brass Tubing); Knob (Solid Brass)

For Glass Thickness: 1/4" (6 mm) or 3/8" (10 mm) (Glass not included in Kit)

Include: Aluminum Extrusions, Top Hangers for 3/8" (10 mm) or 1/4" (6 mm), 24" (610 mm) Towel Bar, Knob, Hardware Package, and Installation Instructions

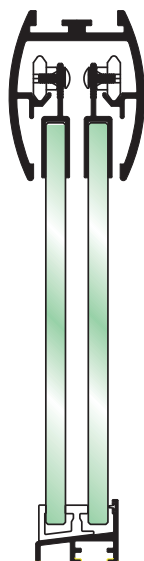
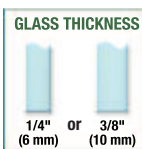
Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole; Top Hangers – Four 1/2" (12 mm) Diameter Holes (two per glass panel) (see crlaurence.com for complete information).

COTTAGE "DK" SERIES SLIDING SHOWER DOOR KITS

1/4" (6 MM) GLASS* CAT. NO.	3/8" (10 MM) GLASS* CAT. NO.	SIZE (WIDTH X HEIGHT)
DK146060	DK386060	60" x 60" (1.52 m x 1.52 m)
DK146072	DK386072	60" x 72" (1.52 m x 1.83 m)
—	DK386080	60" x 80" (1.52 m x 2.03 m)
DK147260	DK387260	72" x 60" (1.83 m x 1.52 m)
—	DK387272	72" x 72" (1.83 m x 1.83 m)
—	DK387280	72" x 80" (1.83 m x 2.03 m)

Minimum order: 1 each. * Specify Finish When Ordering. Sizes and finishes can be combined for quantity pricing.

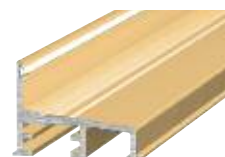
AVAILABLE IN FOUR STOCK FINISHES



End View of Sliding Panels



Header



Bottom Sill



Top Hanger for 3/8" (10 mm) Glass



Top Hanger for 1/4" (6 mm) Glass



Side Jamb



Back-to-Back Knob (with Plastic Sleeve)



24" (610 mm) Towel Bar

DESIGNED BY C.R. LAURENCE

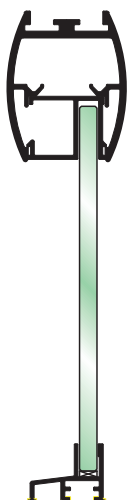
CRL Component Items for Cottage "DK" Series Sliders



- Individual Supplementary Extrusions and Hardware Components to Convert Our Frameless Shower Door Kits Into Angled Enclosures or Wider Inline Units
- Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze Finishes to Match Our Kits
- Do It Yourself, or You Can Send Us a Drawing to Customize a Unit for You

Cottage "DK" Series Components add versatility to our Frameless Sliding Shower Door Kits, and allow the option of additional panels to create a designer enclosure, or simply construct your own sliding unit by combining the various parts. Stock lengths of Headers, Header Fillers, Bottom Sills, Sidelite Sills, and Side Jambs, along with Top Hangers and other accessory items to complete the selection are included. Glass is not included.

Use these components to build an enclosure to meet your requirements. You also have the option of sending us a drawing of the shower opening by email or by fax. We will put together a customized kit with everything you will need (except the glass and the silicone). Contact CRL Frameless Shower Technical Sales for details.



End View of Fixed Panel

SPECIFICATIONS:

Materials: Extrusions (Aluminum), Knob (Solid Brass), Towel Bar (Brass Tubing)

For Glass Thickness: 1/4" (6 mm) and 3/8" (10 mm) (Glass not included)

Recommended Maximum Slider Sizes:

1/4" (6 mm) Glass: 60" W x 72" H (1.52 x 1.83 m) or 72" W x 60" H (1.83 x 1.52 m); 3/8" (10 mm) Glass: 72" W x 80" H (1.83 x 2.03 m)

Glass Fabrication: See opposite page



Towel Bar

CAT. NO. BMNW24 = 24" (610 mm)

Bottom Sill Filler Extrusion

CAT. NO. DK7172

Make your own bottom filler for out-of-level sills

Custom Made Tapered Bottom Sill Fillers

CAT. NO. DK71

Precision-made to order by C.R. Laurence Manufacturing

Side Jamb Filler Extrusion

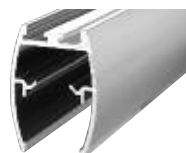
CAT. NO. DK7080

Make your own Side Jamb Filler for out-of-level or custom fabricated side jambs

Custom Made Side Jamb Fillers

CAT. NO. DK70

Made to your specifications by C.R. Laurence Manufacturing



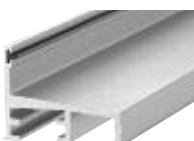
Header

CAT. NO. DK61

= 72" (1.83 m)

CAT. NO. DK61144

= 144" (3.66 m)



Bottom Sill

CAT. NO. DK63

= 72" (1.83 m)

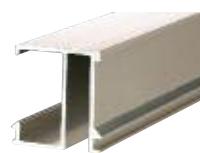
CAT. NO. DK63144

= 144" (3.66 m)



Back-to-Back Knob (with Plastic Sleeve)

CAT. NO. SDKP112



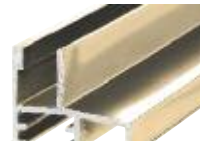
Header

CAT. NO. DK62

= 72" (1.83 m)

CAT. NO. DK62144

= 144" (3.66 m)



Sidelite Sill

CAT. NO. DK64

= 72" (1.83 m)

CAT. NO. DK64144

= 144" (3.66 m)



Top Hanger

CAT. NO. DK66

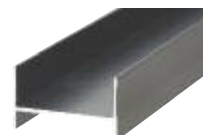
for 3/8" (10 mm) Glass



Top Hanger

CAT. NO. DK67

for 1/4" (6 mm) Glass



Side Jamb

CAT. NO. DK65

= 80" (2.03 m)

CAT. NO. DK65144

= 144" (3.66 m)



Bottom Guide

CAT. NO. DK6914

for 1/4" (6 mm) Glass

CAT. NO. DK6938

for 3/8" (10 mm) Glass

CATALOG NUMBERS FOR OTHER "DK" SERIES COMPONENTS

COMPONENT DESCRIPTION	BRITE ANODIZED CAT. NO.	BRITE GOLD ANODIZED CAT. NO.	BRUSHED NICKEL CAT. NO.	OIL RUBBED BRONZE CAT. NO.
Hardware Package	DK68B	DK68G	DK68B	DK68BL
Back-to-Back Knob	SDKP112CH	SDKP112BR	SDKP112BN	SDKP112ORB
24" Towel Bar	BMNW24CH	BMNW24BR	BMNW24BN	BMNW24ORB

Minimum order: 1 each.

CRL Suite "EK" Series Frameless Sliding Shower Door System

- Designed for Use With 1/4" (6 mm) Tempered Glass (Not Included)
- Clamp-On Hanger Bracket Eliminates Glass Drilling
- Offered Only in Inline Units With Metal Side Jamb
- Low Profile 2-9/16" (65 mm) Header is Reversible So You Can Expose Either the Curved or Flat Side
- Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze in Two Stock Sizes
- Custom Finish Units Also Available

The Suite "EK" Series Frameless Bypass Sliding Shower Door Kit for 1/4" (6 mm) thick tempered safety glass provides an alternative design and mounting method to our Deluxe Cottage Series Sliders. The Hanger Bracket is a cost-reducing device as it clamps directly onto the glass and eliminates the need for drilling holes (set screws only). The brackets allow for smooth, quiet operation and long service life at a lower cost.

The specially designed Header is only 2-9/16" (65 mm) tall. This reduces the visibility of the top metal, and allows more of the frameless 'all-glass' look. It is reversible so the customer has the choice of using the gently curved side, or the flat side with top and bottom edge bevels.

The "EK" Suite Series is available exclusively with metal side jamba, does not offer the clear jamb system, and is available only for inline units. Kits with fixed panels are not available.

Two popular stock sizes are available: 60" W x 60" H (1.52 m x 1.52 m) and 60" W x 72" H (1.52 m x 1.83 m). The Suite "EK" Series comes in four popular finishes. Custom finishes are available upon request. Glass is not included in any kit.

SPECIFICATIONS:

Materials: Extrusions (Aluminum); Towel Bar (Brass Tubing); Knob (Solid Brass)

For Glass Thickness: 1/4" (6 mm) (Glass not included in Kit)

Include: Aluminum Extrusions, 24" (610 mm) Towel Bar, Knob, Hardware Package, and Installation Instructions

Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to Center; Knob – One 1/2" (12 mm) Diameter Hole

Maximum Recommended Size: 60" W x 72" H (1.52 m x 1.83 m)

SUITE "EK" SERIES SLIDING SHOWER DOOR KITS

CAT. NO.*	SIZE (WIDTH X HEIGHT)
EK146060	60" x 60" (1.52 m x 1.52 m)
EK146072	60" x 72" (1.52 m x 1.83 m)

Minimum order: 1 each. * Specify Finish When Ordering. Sizes and finishes can be combined for quantity pricing.

AVAILABLE IN FOUR STOCK FINISHES



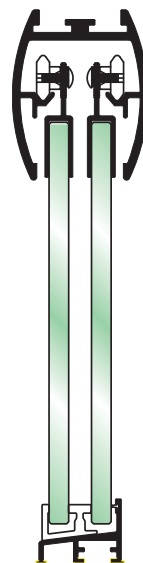
Brite Anodized Brite Gold Anodized Brushed Nickel Oil Rubbed Bronze

Go to crlaurence.com or see our SD12 Frameless Shower Door Hardware and Supplies Catalog for more information on all extrusions and replacement parts.

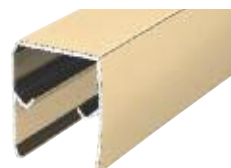


Our Suite "EK" Series Kits for Use With 1/4" (6 mm) Glass Have Many of the Fine Features Found in Our Cottage Series Shower Door Kits

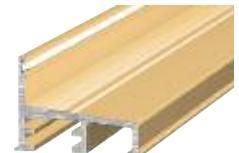
DESIGNED BY C.R. LAURENCE



End View of Sliding Panels



Header



Bottom Sill



'No Drill' Top Hanger



Side Jamb



Bottom Guide

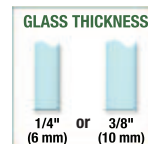


Back-to-Back Knob (with Plastic Sleeve)



24" (610 mm) Towel Bar

CRL "MK" Series Frameless Sliding Shower Door System



- Concealed Overhead Roller Design Allows Greater Glass Exposure With Less Exposed Metal
- Bonded Hanger System for Easy Installation
- Bolt-Through Hanger System Available on Special Order
- Custom Units Available

Our "MK" Series Frameless Bypass Slider Kits provide all the extrusions (Header, Top Hanger Rails, Bottom Track, and Side Jamb) necessary for installation, as well as a Towel Bar, Knob, Rollers, Guide, and Installation Hardware. The glass and silicone sealer are supplied by the installer. The easy-to-clean Bottom Track utilizes a center-mounted guide. Available in custom sizes, configurations, and finishes on special order.

SPECIFICATIONS:

Materials: Extrusions (Aluminum); Side Jamb (Polycarbonate); Towel Bar (Brass Tubing); Knob (Solid Brass)

For Glass Thickness: 1/4" (6 mm) or 3/8" (10 mm) (Glass not included in Kit)

Include: Aluminum Extrusions, 24" (610 mm) Towel Bar, Knob, Hardware Package, and Installation Instructions

Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to Center;

Knob – One 1/2" (12 mm) Diameter Hole

Maximum Recommended Size: 60" W x 72" H (1.52 m x 1.83 m)

AVAILABLE IN FOUR STOCK FINISHES



"MK" SLIDER KITS FOR 1/4" (6 MM) GLASS

CAT. NO.	SIZE (WIDTH X HEIGHT)	FINISH
S146060BA	60" x 60" (1.52 m x 1.52 m)	Brite Anodized
S146060BGA	60" x 60" (1.52 m x 1.52 m)	Brite Gold Anodized
S146060BN	60" x 60" (1.52 m x 1.52 m)	Brushed Nickel
S146060W	60" x 60" (1.52 m x 1.52 m)	White
S146072BA	60" x 72" (1.52 m x 1.83 m)	Brite Anodized
S146072BGA	60" x 72" (1.52 m x 1.83 m)	Brite Gold Anodized
S146072BN	60" x 72" (1.52 m x 1.83 m)	Brushed Nickel
S146072W	60" x 72" (1.52 m x 1.83 m)	White

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

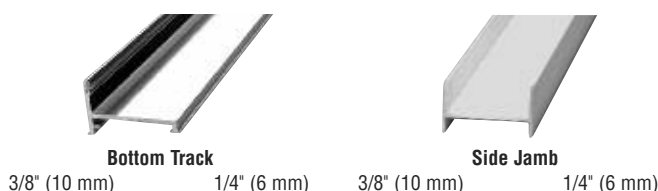
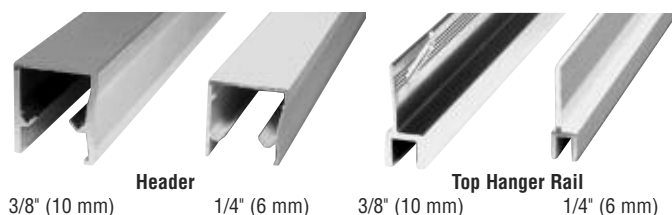
"MK" SLIDER KITS FOR 3/8" (10 MM) GLASS

CAT. NO.	SIZE (WIDTH X HEIGHT)	FINISH
S386060BA	60" x 60" (1.52 m x 1.52 m)	Brite Anodized
S386060BGA	60" x 60" (1.52 m x 1.52 m)	Brite Gold Anodized
S386060BN	60" x 60" (1.52 m x 1.52 m)	Brushed Nickel
S386060W	60" x 60" (1.52 m x 1.52 m)	White
S386072BA	60" x 72" (1.52 m x 1.83 m)	Brite Anodized
S386072BGA	60" x 72" (1.52 m x 1.83 m)	Brite Gold Anodized
S386072BN	60" x 72" (1.52 m x 1.83 m)	Brushed Nickel
S386072W	60" x 72" (1.52 m x 1.83 m)	White

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL "MK" Extrusions and Accessories

- Components Available Separately So You Can Build Your Own Units



"MK" EXTRUSIONS AND ACCESSORIES

3/8" (10 MM) GLASS CAT. NO.	1/4" (6 MM) GLASS CAT. NO.	DESCRIPTION	FINISH
H72BA	H7214BA	72" (1.83 m) Header	Brite Anodized
H72BGA	H7214BGA	72" (1.83 m) Header	Brite Gold Anodized
H72BN	H7214BN	72" (1.83 m) Header	Brushed Nickel
H72W	H7214W	72" (1.83 m) Header	White
TR72BA	TR7214BA	72" (1.83 m) Top Hanger Rail	Brite Anodized
TR72BGA	TR7214BGA	72" (1.83 m) Top Hanger Rail	Brite Gold Anodized
TR72BN	TR7214BN	72" (1.83 m) Top Hanger Rail	Brushed Nickel
TR72W	TR7214W	72" (1.83 m) Top Hanger Rail	White
BT72BA ▲	BT72BA ▲	72" (1.83 m) Bottom Track	Brite Anodized
BT72BGA ▲	BT72BGA ▲	72" (1.83 m) Bottom Track	Brite Gold Anodized
BT72BN ▲	BT72BN ▲	72" (1.83 m) Bottom Track	Brushed Nickel
BT72W ▲	BT72W ▲	72" (1.83 m) Bottom Track	White
SJ72BA ▲	SJ72BA ▲	72" (1.83 m) Side Jamb	Brite Anodized
SJ72BGA ▲	SJ72BGA ▲	72" (1.83 m) Side Jamb	Brite Gold Anodized
SJ72BN ▲	SJ72BN ▲	72" (1.83 m) Side Jamb	Brushed Nickel
SJ72W ▲	SJ72W ▲	72" (1.83 m) Side Jamb	White
HP38BA	HP14BA	Hardware Package Only ★	Brite Anodized
HP38BGA	HP14BGA	Hardware Package Only ★	Brite Gold Anodized
HP38BN	HP14BN	Hardware Package Only ★	Brushed Nickel
HP38W	HP14W	Hardware Package Only ★	White

Minimum order: 1 each.

▲ The same Bottom Track and Side Jamb may be used for either 1/4" (6 mm) or 3/8" (10 mm) glass.

★ Hardware Package does not include Towel Bar or Knob.

CRL SHOWER DOOR SPECIALTY TOOLS

For Pricing Visit crlaurence.com or Call Us Toll Free
at the Phone Numbers Shown on the Back Cover

CRL Super Shim Shower Door Leveler



GLAZIER
INVENTION

new

- Easily Adjustable Micro Leveling
- Eliminates Stacks of Wood or Plastic Shims
- Works With 3/8" to 1/2" (10 to 12 mm)
Thick Tempered Glass Doors

The CRL Super Shim Shower Door Leveler is a remarkably simple device that every shower door installer will want in their tool box. The Super Shim is a micro adjustment device which will lift and level any shower door, ensuring a precise alignment every time.

Use from the inside of the shower to adjust the door with hinges applied but not tightened. Adjust vertical and horizontal sightlines, then tighten everything down for a perfect installation. SS2LW Wrench included. Minimum order is one pair.



CAT. NO. SS2L

CRL Frameless Assist Shower Door Panel Clamp



GLAZIER
INVENTION

new

- Holds Fixed Panels and Doors in
Perfect Alignment
- Works With 3/8" to 1/2" (10 to 12 mm)
Tempered Glass
- Clear Construction Keeps All Points Visible
- Adjustable for 90°, 180° or "T" Configurations

The CRL Frameless Assist Shower Door Panel Clamp is another in a long line of tools developed by, and for, professional glaziers. This ingenious tool was invented by a detail-oriented CRL customer with a perfectionist's eye. It helps you maintain precise, even spacing in door to fixed panel assemblies, whether in 180° or 90° installations.

Tool arrives configured for 3/8" (10 mm) glass. Simply loosen the four rear knobs, insert the 1/8" (3 mm) spacer plate to change over to 1/2" (12 mm) glass. Use in conjunction with Cat. No. MAT1 kit (shown below), for the most precise panel installation ever. Each kit sold separately. Minimum order is one each.

Clamp on 180° Joint



Clamp on 90° Joint



CAT. NO. FA3W

CRL Magnetic Shower Installation Alignment Tool



GLAZIER
INVENTION

new

- Provides Accurate, Consistent
Gaps Between Doors and Panels
- Works With 3/8" to 1/2" (10 to 12 mm)
Tempered Glass
- All Components are Re-Usable

Developed by a frameless shower door installer with exceptional concern for efficiency and detailed workmanship, the CRL Magnetic Shower Installation Alignment Tool can serve many other butt-glazed glass applications. The tool's two spacer assemblies, placed one at the top and one at the bottom, perform in two planes. First, it works vertically by use of the desired gap size running top to bottom. Secondly, it aligns the two panels horizontally. You can use it in conjunction with our new Frameless Assist Tool and our Super Shim Shower Door Levelers for even faster and more precise installations. Powerful neodymium rare earth magnets maintain the spacer's position. Kit includes a durable utility tool box that organizes all of the kit's components. Minimum order is one each.



CAT. NO. MAT1



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CRL Frameless Blocks

- Use With 3/8" and 1/2" (10 mm and 12 mm) Thick Tempered Glass to Assist in Aligning and Leveling
- Can be Used to Stage Glass in a Room With All Tile/Stone Floors Prior to Installation
- Safely Set Your Door on the Threshold With a Positive Hold on the Bottom of the Glass
- Adjust the Door Height by Using Setting Blocks Inside the Bottom of the U-Shaped Frameless Block



CAT. NO.	FOR USE WITH
FB38G	3/8" (10 mm)
FB12G	1/2" (12 mm)

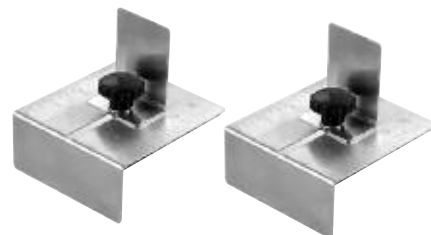
Minimum order: 1 set.



CRL Perfect Reveal Tool

new

- Establish and Maintain Perfect Reveal Depth
- Easy to Adjust
- Non-Marring Bottom Cushions
- Works for Doors and Fixed Panels



CAT. NO. PR2S

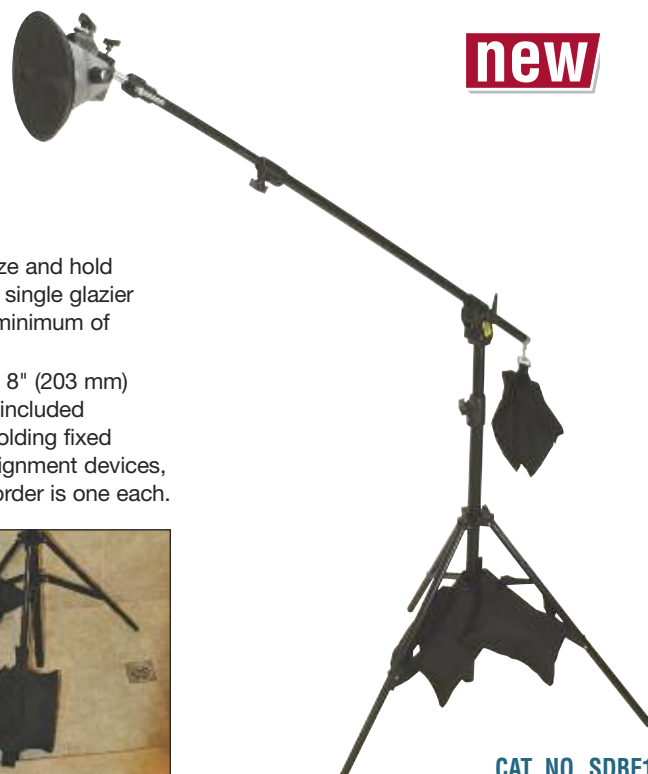
The CRL PR2S Perfect Reveal Tool is another glazier designed tool produced by CRL to further aid shower door craftsmen in perfecting their trade. The Perfect Reveal Tool allows the installer to preset and repeat the reveal depth for all panels in any frameless shower enclosure installation. Single knob allows vertical glass stop to be adjusted and set for correct depth. Dimensional scales are etched into the stainless steel body. Non-marring surface gripping cushions on bottom of tool protect the curb from metal body of the PR2S, and prevents movement or slippage. Sold in pairs. Minimum order is one pair.

CRL "Best Friend" Shower Door Installation Assistant

- Replaces Second Person on Many Shower Door Installations
- Stabilizes Any Size Panel in a Vertical Position
- Works Inside or Outside of Enclosure
- Adjustable Length and Angles
- Includes Our S338 Vacuum Lifter

The CRL "Best Friend" Shower Door Installation Assistant works to stabilize and hold shower enclosure panels in place during set-up and installation, permitting a single glazier to perform the work of two. The extension tube length is adjustable from a minimum of 15" (381 mm) to a maximum length of 60" (1524 mm).

The CRL "Best Friend" Clamp Head provides a firm grip on the CRL S338 8" (203 mm) Vacuum Lifter, and the stand base can be stabilized as needed with the two included 10 pound (4.5 kg) sandbags. Not only will the CRL "Best Friend" help with holding fixed panels and sidelites in place, when combined with other CRL leveling and alignment devices, it can also make hanging the door panel a one-person operation. Minimum order is one each.



CAT. NO. SDBF1

CRL 90 Degree Suction Holders

- Suction Cups Hold Glass Firmly in Place While Adhesive Cures
- Holds Glass Pieces at 90 Degrees
- Perfect for Frameless Shower Installations

These CRL 90 Degree Suction Holders grip glass on the inside surfaces at a fixed 90 degree angle. Height and position can be adjusted up to 11/16" (18 mm) by knobs located on each arm for precise UV adhesive application. Glass pieces are held firmly in place by rubber suction cups measuring 4-3/4" (120 mm) diameter until they are bonded. Minimum order is one each.



CAT. NO. UV280
Inside Surface Holder



CAT. NO. UV281
Outside Surface Holder

CRL Adjustable Angle Suction Holder

- Holds Glass Pieces From Inside or Outside Surface While Adhesive Cures
- Adjustable Between 40 and 300 Degrees

This CRL Adjustable Angle Suction Holder grips glass from outside or inside surfaces, and can be fixed at a desired angle of 40 to 300 degrees. Height and position can be adjusted up to 11/16" (18 mm) by knobs located on each arm. Glass is held firmly in place with 4-3/4" (120 mm) diameter rubber suction pads until the surfaces are firmly bonded. Minimum order is one each.



CAT. NO. UV282

CRL Adjustable Angle Suction Holder

new

- Adjustable Between 45 and 300 Degrees
- Precise Adjustment to Any Desired Position

This CRL Adjustable Angle Suction Holder grips glass from outside or inside surfaces. Position can be precisely adjusted by a knob. Glass is held firmly in place with 4-1/2" (114 mm) diameter rubber suction pads until the surfaces are firmly bonded.
NOTE: Do not use to lift or carry glass or marble. Minimum order is one each.



CAT. NO. 3C024090
4-1/2" Protective Pad Cover

- Suction Cups Hold Glass Firmly in Place While Adhesive Cures



CAT. NO. WH9602G

CRL Electronic Level and Angle Locator With Digital Display

- Front Laser Beam for Quick Transference of Reference Points
- LCD Screen Automatically Inverts for Overhead Measurements
- LCD Displays Level or Angle
- Audible Indicator for Both 0 and 90 Degrees



3 "AA" batteries (included).
Minimum order is one each.

CAT. NO. 406065

CRL Frameless Shower Super Kit

- Convenient Kit Containing Everything Needed for a Professional Installation

new

- PR2S Perfect Reveal Kit
- FA3W Frameless Alignment Tool
- SS2L Super Shim Set
- UV282 Adjustable Suction Clamp
- MAT1 Magnetic Alignment Kit
- PLF1 Plumb/Level Gauge Set
- GRT Drill Bits (1/4" and 3/16")

Minimum order is one each.



CAT. NO. FSSK1

CRL SHOWER DOOR REPAIR AND REPLACEMENT HARDWARE

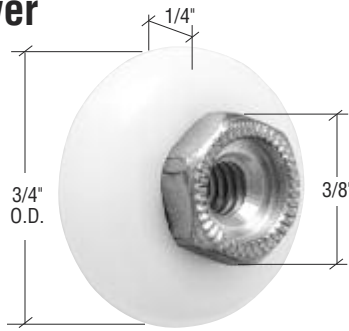
For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Sliding Shower Door Roller

Oval edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

CAT. NO.	QTY/PKG
M6000	2
M6000B	100

Minimum order: 1 pack.

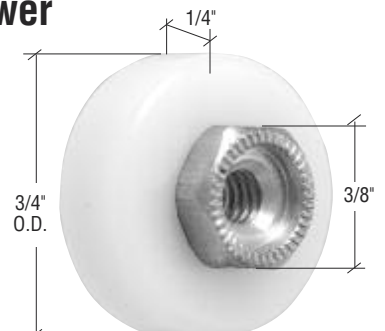


CRL Sliding Shower Door Roller

Flat edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

CAT. NO.	QTY/PKG
M6001	2
M6001B	100

Minimum order: 1 pack.

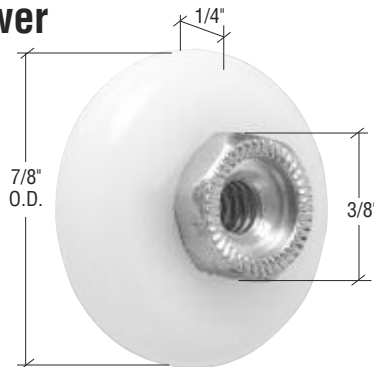


CRL Sliding Shower Door Roller

Oval edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

CAT. NO.	QTY/PKG
M6002	2
M6002B	100

Minimum order: 1 pack.

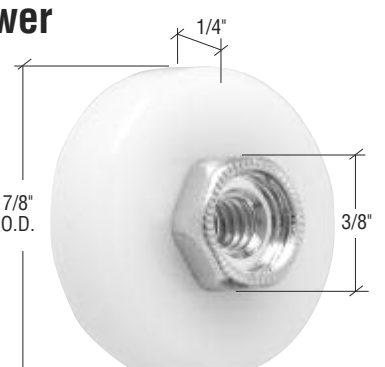


CRL Sliding Shower Door Roller

Flat edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

CAT. NO.	QTY/PKG
M6003	2
M6003B	100

Minimum order: 1 pack.

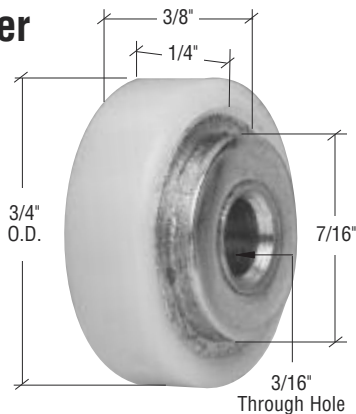


CRL Sliding Shower Door Roller

Flat edge nylon roller, steel ball bearing inner-race with a round hub on both sides of roller, 3/16" (4.8 mm) diameter through axle hole.

CAT. NO.	QTY/PKG
M6005	2
M6005B	100

Minimum order: 1 pack.

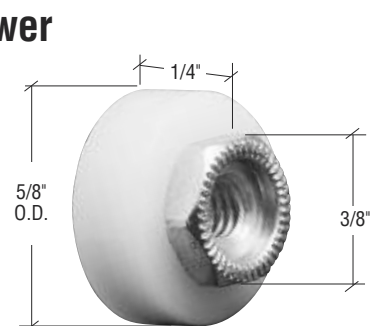


CRL Sliding Shower Door Roller

Flat edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

CAT. NO.	QTY/PKG
M6065	2
M6065B	100

Minimum order: 1 pack.

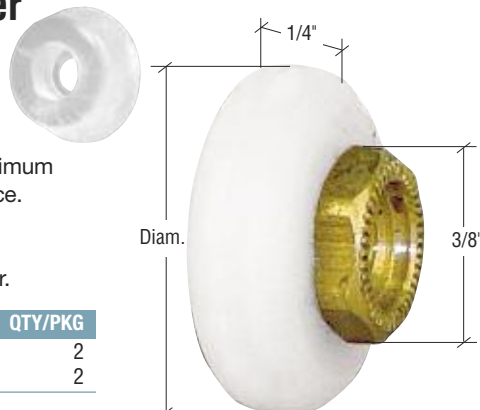


CRL Sliding Shower Door Roller and Bumper

Oval edge nylon roller, stainless steel ball bearing with brass inner-race for maximum corrosion resistance. Package includes 3/4" x 1/4" clear nylon door bumper.

CAT. NO.	DIAM.	QTY/PKG
M6166	3/4"	2
M6168	7/8"	2

Minimum order: 1 pack.

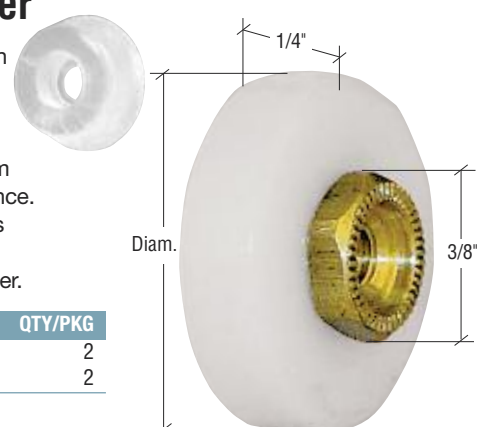


CRL Sliding Shower Door Roller and Bumper

Flat edge nylon roller, stainless steel ball bearing with brass inner-race for maximum corrosion resistance. Package includes 3/4" x 1/4" clear nylon door bumper.

CAT. NO.	DIAM.	QTY/PKG
M6167	3/4"	2
M6169	7/8"	2

Minimum order: 1 pack.



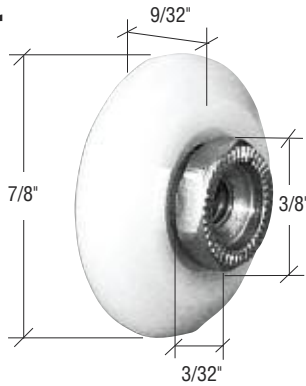
All packs of Replacement Hardware can be combined for quantity pricing.

CRL SHOWER DOOR REPAIR AND REPLACEMENT HARDWARE

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CRL Sliding Shower Door Roller

"V" shaped nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

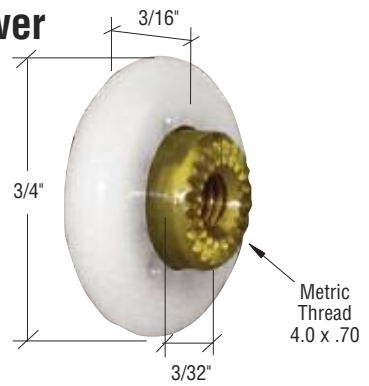


CAT. NO.	QTY/PKG
M6175	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller

Oval edge nylon roller, steel ball bearing inner-race with 4.0 x .70 metric threaded hex hub.

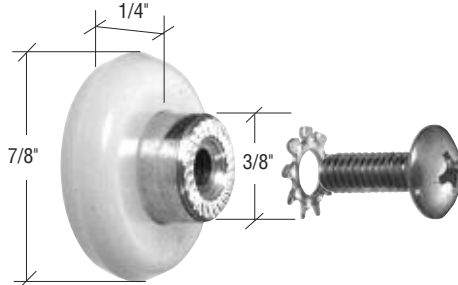


CAT. NO.	QTY/PKG
M6206	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller

Oval edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub. Fits CRL "CK", "DK", and "EK" Series Frameless Sliding Shower Doors.

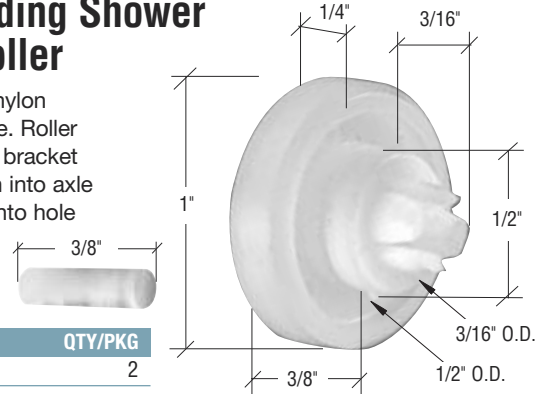


CAT. NO.	QTY/PKG
DKR78	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller

Flat edge nylon roller and axle. Roller is secured to bracket by driving pin into axle to flare axle into hole in bracket.



CAT. NO.	QTY/PKG
M6068	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller

Flat edge nylon roller with a 5/16" (7.9 mm) threaded axle stud and nut. Flats on threads.

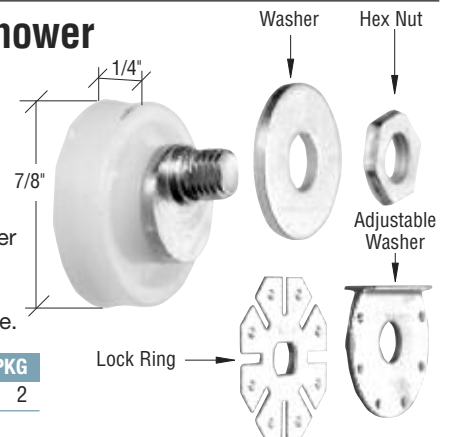


CAT. NO.	QTY/PKG
M6031	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller

Flat edge nylon roller, steel ball bearing inner-race with eccentric threaded stud. Includes an adjustable lock washer and lock ring. Vertical height adjustment is made by rotating the axle.



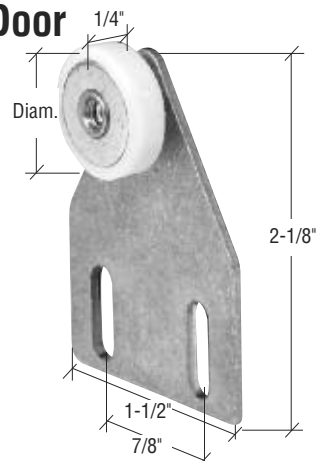
CAT. NO.	QTY/PKG
M6006	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Nylon roller, steel ball bearing inner-race with stamped aluminum bracket. Slotted mounting holes for vertical adjustment.

NOTE: M6009 has a non-ball bearing roller.

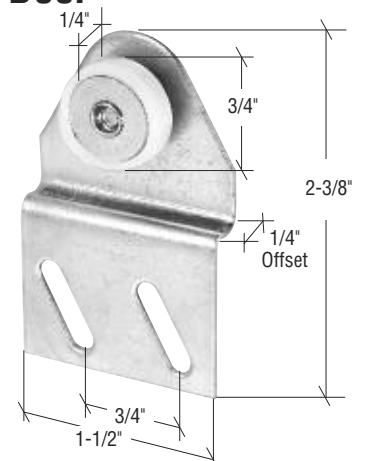


CAT. NO.	DIAM.	EDGE	QTY/PKG
M6008	3/4"	Flat	2
M6032	3/4"	Oval	2
M6009	31/32"	Flat	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Flat edge nylon roller, steel ball bearing inner-race with stamped steel bracket. Slotted mounting holes for vertical adjustment.



CAT. NO.	QTY/PKG
M6007	2

Minimum order: 1 pack.

All Replacement Hardware can be combined for quantity pricing.



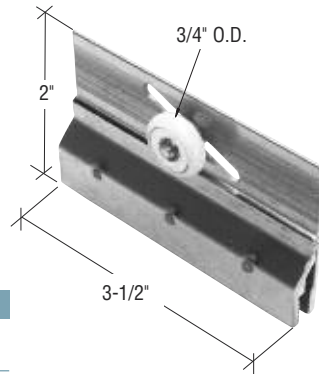
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ALUMINUM 382W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Sliding Shower Door Roller and Bracket

Oval edge nylon roller, steel ball bearing inner-race, two-part extruded aluminum bracket that clamps to the top of 3/16" (5 mm) thick frameless glass door panels. Package includes optional vinyl glazing channel.

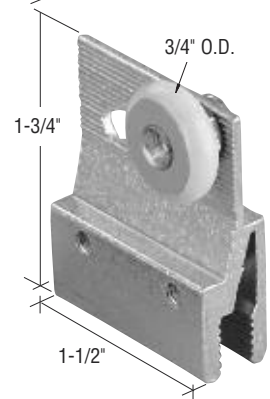


CAT. NO.	FINISH	QTY/PKG
M6053	Brite Anodized	2
M6104	Brite Gold Anodized	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Oval edge nylon roller, steel ball bearing inner-race, two-part extruded aluminum bracket that clamps to the top of 3/16" (5 mm) thick frameless glass door panels.

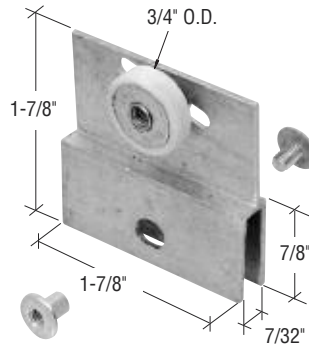


CAT. NO.	QTY/PKG
M6145	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Flat edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket. 1/4" binder post supplied for thru-glass mounting on 3/16" (5 mm) thick frameless glass shower doors.

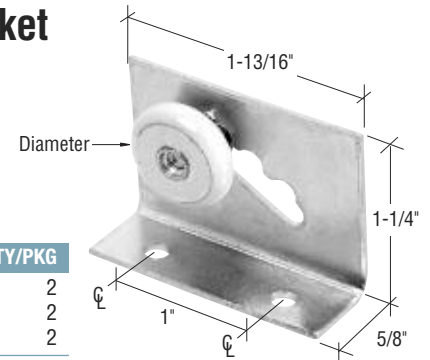


CAT. NO.	QTY/PKG
M6054	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Flat or oval edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket for top hung doors.

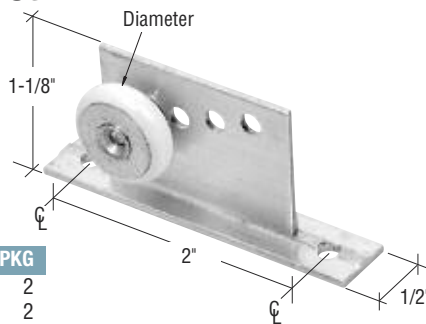


CAT. NO.	DIAM.	EDGE	QTY/PKG
M6010	3/4"	Oval	2
M6011	3/4"	Flat	2
M6012	7/8"	Oval	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Oval edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket for top hung doors.

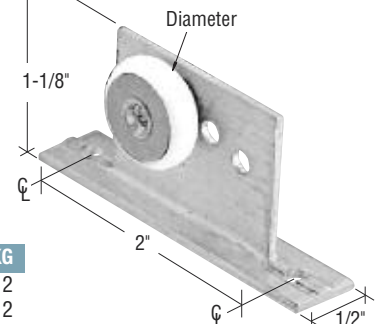


CAT. NO.	DIAM.	QTY/PKG
M6034	3/4"	2
M6036	7/8"	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Flat edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket for top hung doors.

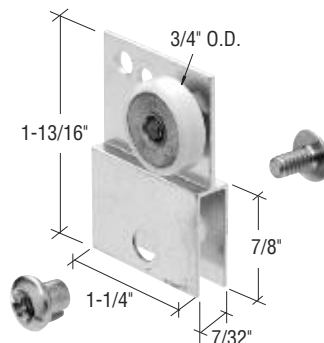


CAT. NO.	DIAM.	QTY/PKG
M6035	3/4"	2
M6037	7/8"	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Flat edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket with 1/4" (6.3 mm) binder post for frameless doors.



CAT. NO.	QTY/PKG
M6193	2

Minimum order: 1 pack.

CRL SD12 Frameless Shower Door Catalog

C.R. Laurence offers the largest variety of Frameless Shower Door Hardware in the glass industry. Over 25 series of Shower Door Hinges in various configurations and beautiful finishes, plus Door Pulls and Knobs, Towel Bars, Glass Clamps, Headers, U-Channels, Thresholds, Frameless Door Kits, Wipes and Seals, Sliding Shower Door Kits, Bathroom Mirrors, and Decorator Accessories.

You can see all of this in our SD12 Framless Shower Door Hardware and Supplies Catalog. Copies are available for order, viewing or download online at our web site, crlaurence.com.



All packs of Replacement Hardware can be combined for quantity pricing

CRL SHOWER DOOR REPAIR AND REPLACEMENT HARDWARE

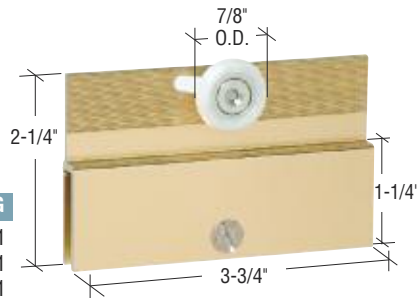
For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Sliding Shower Door Roller and Bracket

Fits CRL "CK" and "DK" Series 1/4" (6 mm) glass Frameless Sliding Shower Doors. Available in four finishes. For rollers only see Cat. No. DKR78 on page 382W.

CAT. NO.	FINISH	QTY/PKG
DK67BA	Brite Anodized	1
DK67BGA	Brite Gold Anodized	1
DK67BN	Brushed Nickel	1
DK67ORB	Oil Rubbed Bronze	1

Minimum order: 1 each.

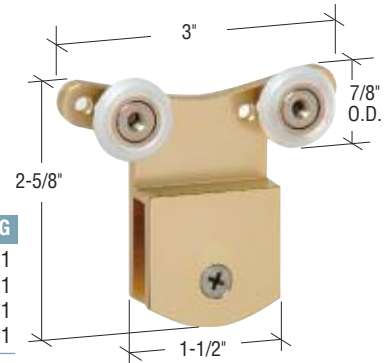


CRL Sliding Shower Door Roller and Bracket

Fits CRL "CK" and "DK" Series 3/8" (10 mm) glass Frameless Sliding Shower Doors. Available in four finishes. For rollers only see Cat. No. DKR78 on page 382W.

CAT. NO.	FINISH	QTY/PKG
DK66BA	Brite Anodized	1
DK66BGA	Brite Gold Anodized	1
DK66BN	Brushed Nickel	1
DK66ORB	Oil Rubbed Bronze	1

Minimum order: 1 each.

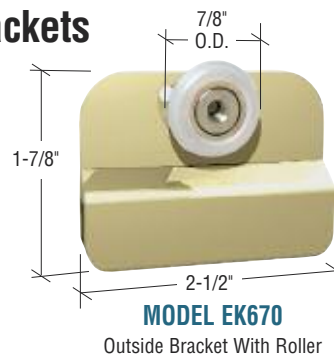


CRL Sliding Shower Door Rollers and Brackets

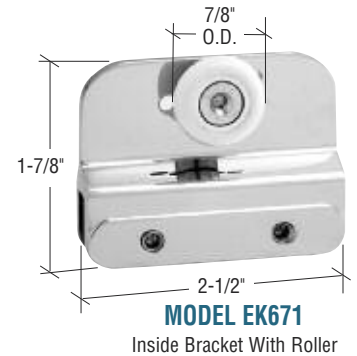
Fits CRL "EK" Series 1/4" (6 mm) glass Frameless Sliding Shower Doors. Two models for inside or outside sliding doors available. Four finishes offered to match shower door hardware. For rollers only see Cat. No. DKR78 on page 382W.

OUTSIDE BRACKET CAT. NO.	INSIDE BRACKET CAT. NO.	FINISH	QTY/PKG
EK670BA	EK671BA	Brite Anodized	1
EK670BGA	EK671BGA	Brite Gold Anodized	1
EK670BN	EK671BN	Brushed Nickel	1
EK670ORB	EK671ORB	Oil Rubbed Bronze	1

Minimum order: 1 each.



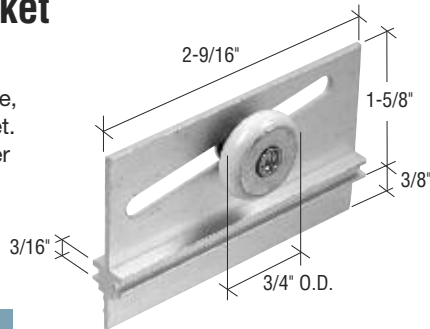
Outside Bracket With Roller



Inside Bracket With Roller

CRL Sliding Shower Door Roller and Bracket

Oval edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket. Fits Premiere brand shower doors.

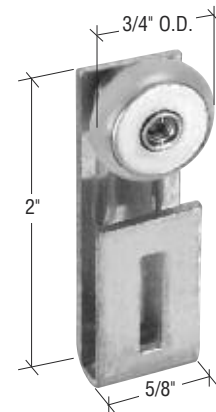


CAT. NO.	QTY/PKG
M6055	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Oval edge nylon roller, steel ball bearing inner-race, stamped aluminum bracket. Fits doors made by International Aluminum.

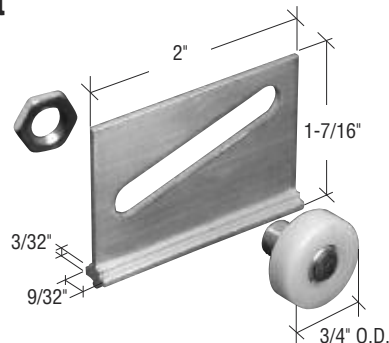


CAT. NO.	QTY/PKG
M6028	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Flat edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket. Fits Ador/Hilite brand shower doors.

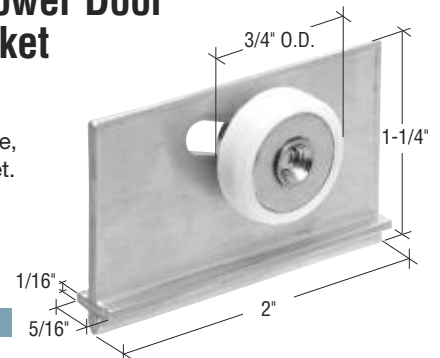


CAT. NO.	QTY/PKG
M6013	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Flat edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket.



CAT. NO.	QTY/PKG
M6216	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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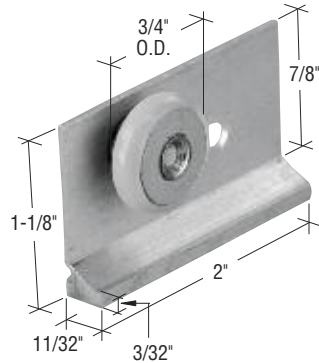
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CRL Sliding Shower Door Roller and Bracket

Oval edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket.

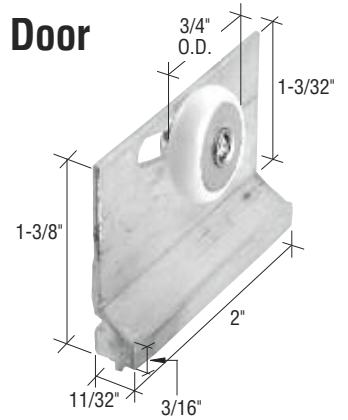


CAT. NO.	QTY/PKG
M6069	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Oval edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket.

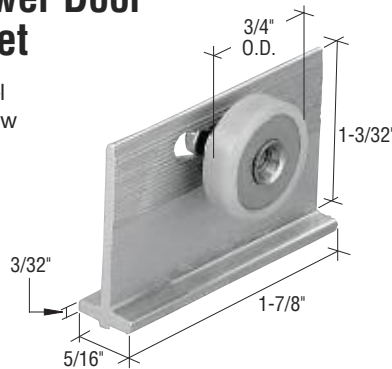


CAT. NO.	QTY/PKG
M6157	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Flat edge nylon roller, steel ball bearing inner-race, narrow extruded aluminum bracket.

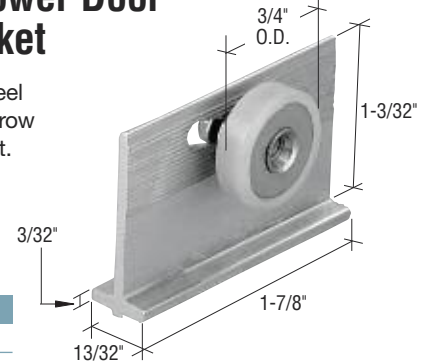


CAT. NO.	QTY/PKG
M6232	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Bracket

Flat edge nylon roller, steel ball bearing inner-race, narrow extruded aluminum bracket.



CAT. NO.	QTY/PKG
M6233	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller Assembly

Oval edge nylon roller with nylon bracket. Fits on Tub Master brand folding shower doors.

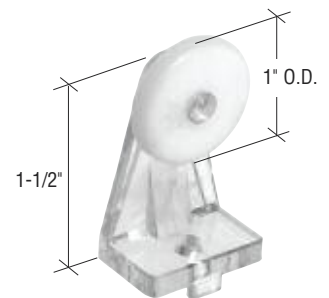


CAT. NO.	QTY/PKG
M6070	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller Assembly

Oval edge nylon roller, with nylon bracket. Fits on Tub Master brand folding shower doors.

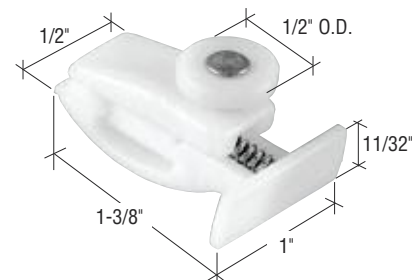


CAT. NO.	QTY/PKG
M6071	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Guide Assembly

Flat edge nylon roller with spring loaded nylon guide bracket. Used on the leading edge of accordion folding vinyl sectional doors. Fits on Flair Fold brand doors.

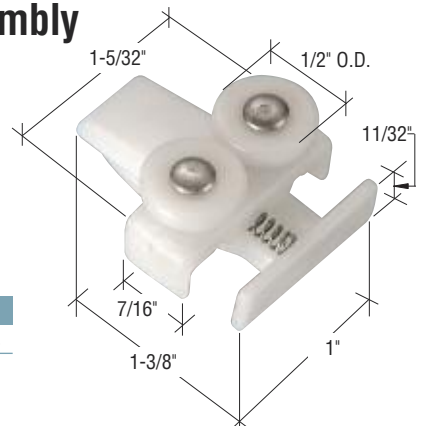


CAT. NO.	QTY/PKG
M6047	2

Minimum order: 1 pack.

CRL Sliding Shower Door Roller and Guide Assembly

Flat edge nylon roller with spring loaded nylon guide bracket. Used on top and bottom panels of accordion folding vinyl sectional doors. Fits on Flair Fold brand doors.



CAT. NO.	QTY/PKG
M6048	2

Minimum order: 1 pack.

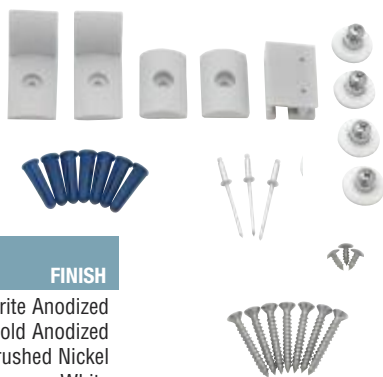
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CRL Roller, Guide and Screw Kit

Complete hardware package for the CRL "MK" Series Frameless Sliding Shower Doors.

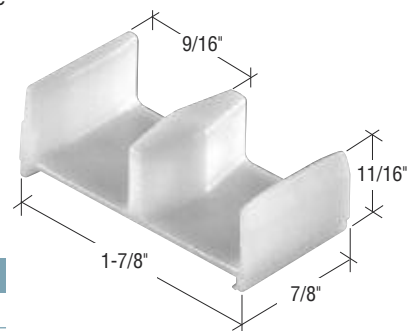


1/4" GLASS CAT. NO.	3/8" GLASS CAT. NO.	FINISH
HP14BA	HP38BA	Brite Anodized
HP14BGA	HP38BGA	Brite Gold Anodized
HP14BN	HP38BN	Brushed Nickel
HP14W	HP38W	White

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Clear nylon Bottom Guide for sliding shower doors. Fits doors made by Miller manufacturing.

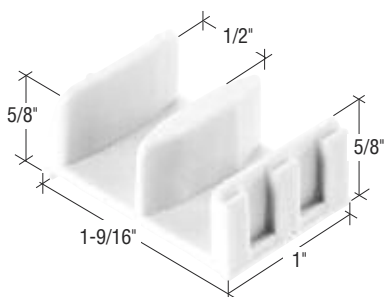


CAT. NO.	QTY/PKG
M6148	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White nylon Bottom Guide for sliding shower doors. Used by several door manufacturers. Fits 7/16" (11 mm) door rails.

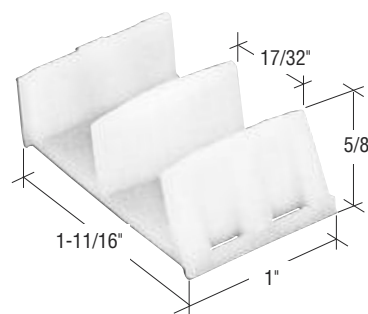


CAT. NO.	QTY/PKG
M6058	2
M6058B	20

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White nylon Bottom Guide for sliding shower doors. Used by several door manufacturers. Fits 1/2" (13 mm) door rails.

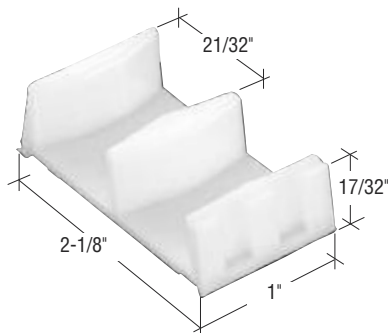


CAT. NO.	QTY/PKG
M6177	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White nylon Bottom Guide for sliding shower doors. Used by several door manufacturers. Fits 9/16" (14 mm) door rails.

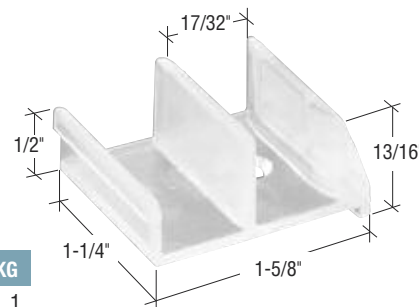


CAT. NO.	QTY/PKG
M6113	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Clear acrylic Bottom Guide for sliding shower doors. Fits on Sterling brand shower doors.

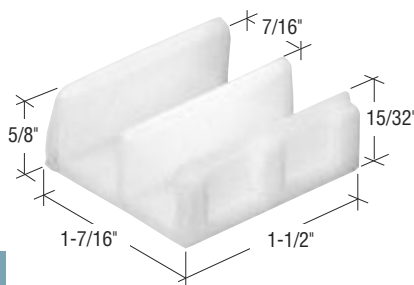


CAT. NO.	QTY/PKG
M6111	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White nylon Bottom Guide for sliding shower doors. Used by several door manufacturers. Fits 7/16" (14 mm) door rails.

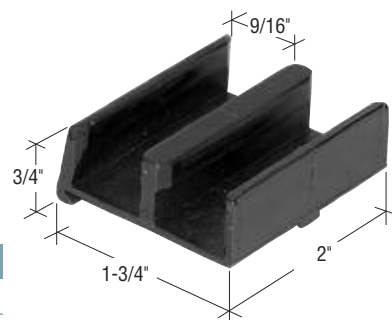


CAT. NO.	QTY/PKG
M6059	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Black plastic Bottom Guide for sliding shower doors. Fits on Sterling brand shower doors.



CAT. NO.	QTY/PKG
M6231	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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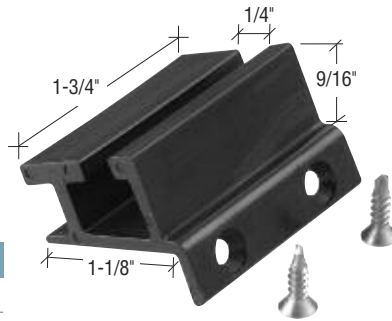
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CRL Sliding Shower Door Bottom Guide

Bottom Guide for CRL "CK", "DK", and "EK" Series Frameless Sliding Shower Doors when using 1/4" (6 mm) glass.

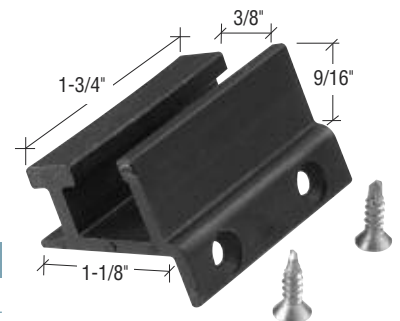


CAT. NO.	QTY/PKG
DK6914	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Bottom Guide for CRL "CK", "DK", and "EK" Series Frameless Sliding Shower Doors when using 3/8" (10 mm) glass.

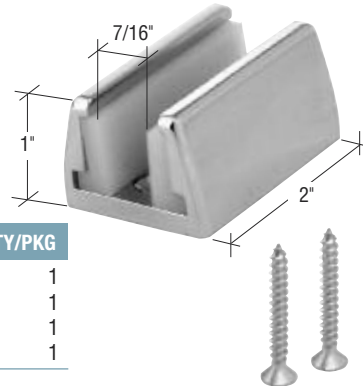


CAT. NO.	QTY/PKG
DK6938	1

Minimum order: 1 pack.

CRL Hydroslide Sliding Shower Door Floor Guide

CRL Hydroslide Sliding Door Floor Guide Kit consists of one Floor Guide and two Screws. Available in four architectural finishes.

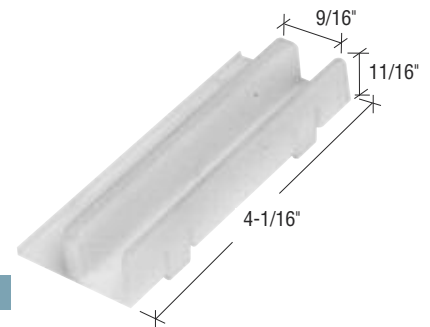


CAT. NO.	FINISH	QTY/PKG
HYD03CH	Polished Chrome	1
HYD03BR	Polished Brass	1
HYD03BN	Brushed Nickel	1
HYD03ORB	Oil Rubbed Bronze	1

Minimum order: 1 each.

CRL Sliding Shower Door Bottom Guide

Clear plastic Bottom Guide for sliding shower doors. Fits 1/2" (13 mm) door rails. Includes a two-sided clear adhesive strip for mounting guide.

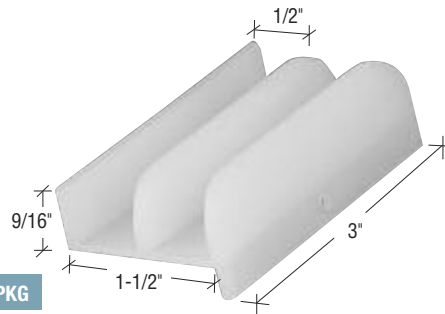


CAT. NO.	QTY/PKG
M6067	1
M6067B	20

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White plastic Bottom Guide for sliding shower doors. Fits 1/2" (13 mm) door rails.

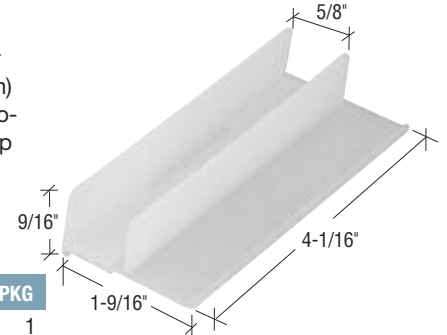


CAT. NO.	QTY/PKG
M6219	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White plastic Bottom Guide for sliding shower doors. Fits 7/16" (11 mm) door rails. Includes a two-sided clear adhesive strip for mounting guide.

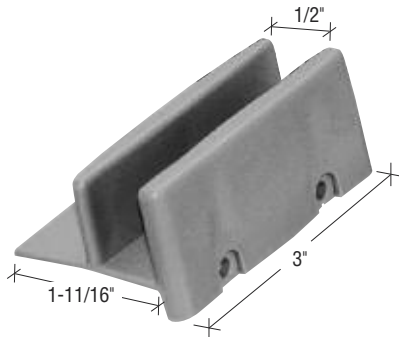


CAT. NO.	QTY/PKG
M6221	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Gray plastic Bottom Guide for sliding shower doors. Fits 1/2" (13 mm) door rails.

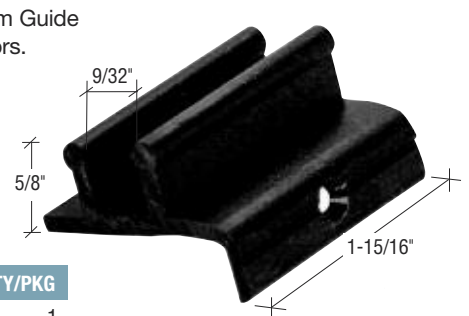


CAT. NO.	QTY/PKG
M6192	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Black plastic Bottom Guide for sliding shower doors.



CAT. NO.	QTY/PKG
M6077	1

Minimum order: 1 pack.

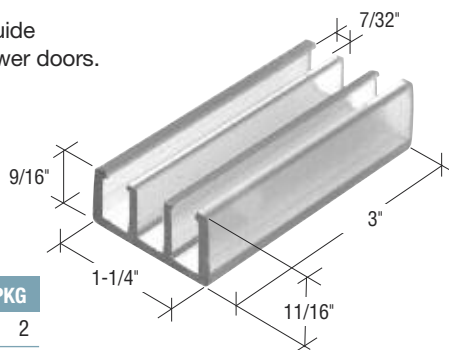
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CRL Sliding Shower Door Bottom Guide

Clear nylon Bottom Guide for frameless sliding shower doors.

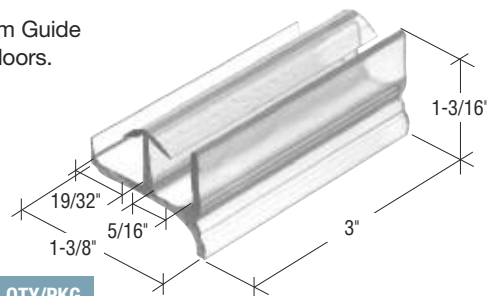


CAT. NO.	QTY/PKG
M6089	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Clear vinyl Bottom Guide for sliding shower doors.

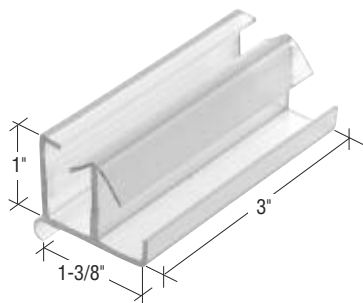


CAT. NO.	QTY/PKG
M6144	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Clear vinyl Bottom Guide for sliding shower doors.

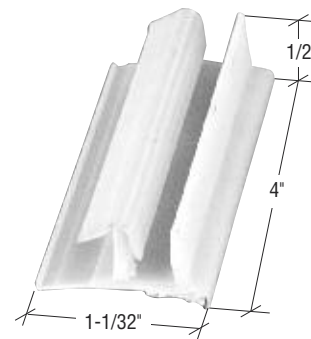


CAT. NO.	QTY/PKG
M6217	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Rigid white vinyl Bottom Guide for sliding shower doors.

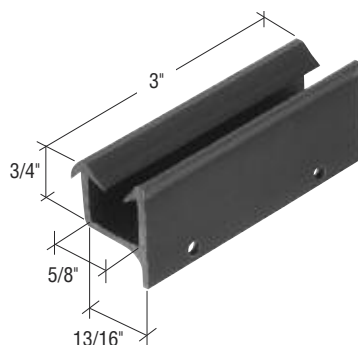


CAT. NO.	QTY/PKG
M6222	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Black plastic Bottom Guide for sliding shower doors.

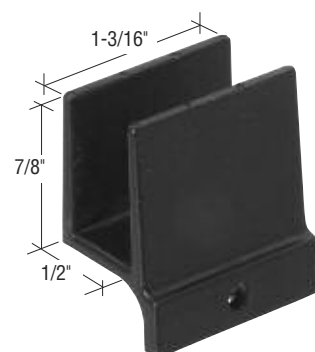


CAT. NO.	QTY/PKG
M6195	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Black plastic Bottom Guide for sliding shower doors.

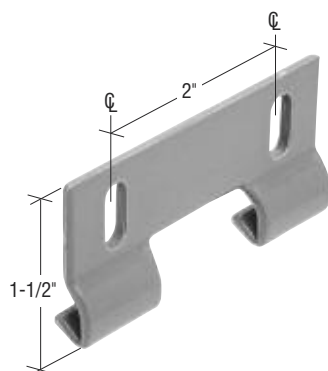


CAT. NO.	QTY/PKG
M6209	1

Minimum order: 1 pack.

CRL Sliding Shower Door Hook Guide

Gray plastic Bottom Guide and door retainer for sliding shower doors.

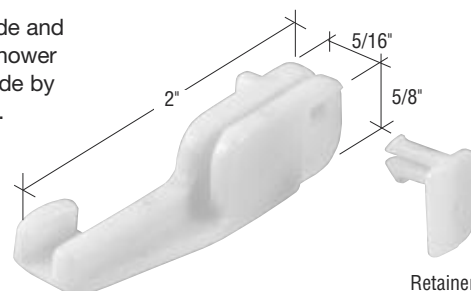


CAT. NO.	QTY/PKG
M6191	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Nylon Bottom Guide and Retainer for sliding shower doors. Fits doors made by Kinkead and Sterling.



CAT. NO.	QTY/PKG
M6090	2

Minimum order: 1 pack.

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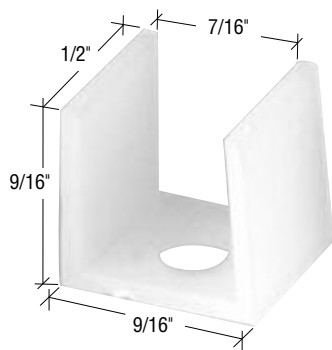
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CRL Sliding Shower Door Bottom Guide

White nylon Bottom Guide for sliding shower doors. Fits onto bottom edge of framed door rail.

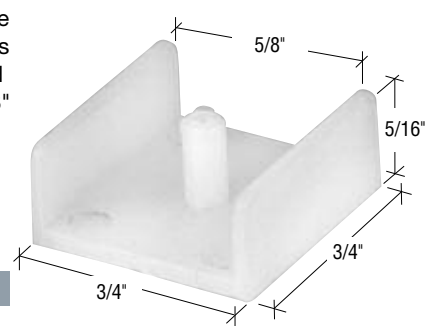


CAT. NO.	QTY/PKG
M6063	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White nylon Bottom Guide for sliding shower doors. Fits onto bottom edge of framed door rail. Fits doors with 5/8" (16 mm) thick door rails.

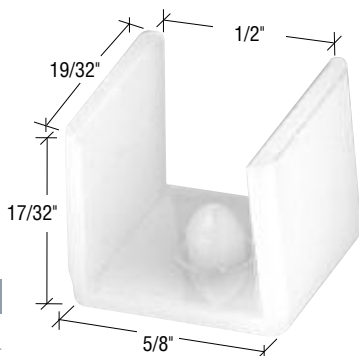


CAT. NO.	QTY/PKG
M6039	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White nylon Bottom Guide for sliding shower doors. Fits onto bottom edge of framed door rail.

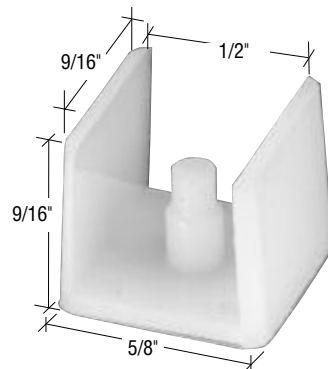


CAT. NO.	QTY/PKG
M6060	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White nylon Bottom Guide for sliding shower doors. Fits onto bottom edge of framed door rail.

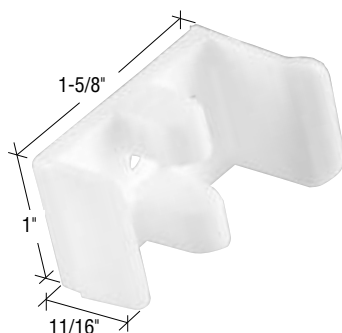


CAT. NO.	QTY/PKG
M6061	2

Minimum order: 1 pack.

CRL Sliding Shower Door Jamb Guide

White plastic Side Jamb Guide. Fits on Sterling brand shower doors.

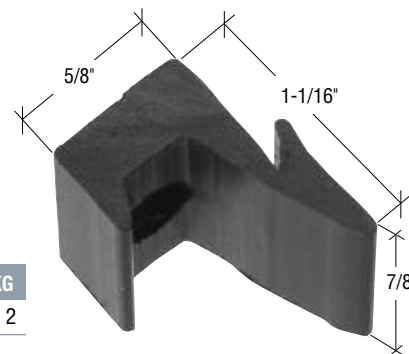


CAT. NO.	QTY/PKG
M6112	1

Minimum order: 1 pack.

CRL Sliding Shower Door Jamb Guide

Black vinyl Side Jamb Guide for shower doors.

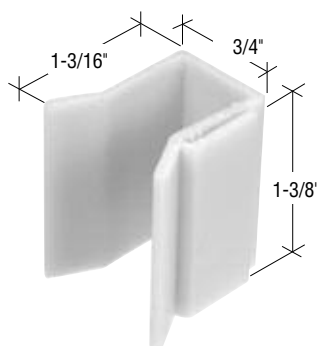


CAT. NO.	QTY/PKG
M6120	2

Minimum order: 1 pack.

CRL Sliding Shower Door Jamb Guide

White nylon Side Jamb Guide. Cushions as well as guides sliding glass door back into jamb pocket.

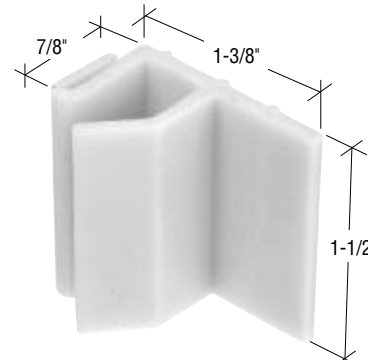


CAT. NO.	QTY/PKG
M6088	2

Minimum order: 1 pack.

CRL Sliding Shower Door Jamb Guide

White nylon Side Jamb Guide. Cushions as well as guides sliding glass door back into jamb pocket.



CAT. NO.	QTY/PKG
M6091	2

Minimum order: 1 pack.

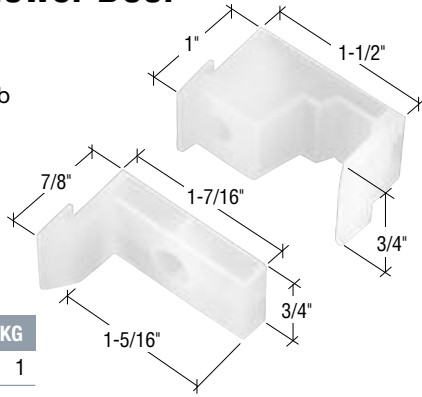
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CRL Sliding Shower Door Jamb Guide

Clear plastic Side Jamb Guide and Bumper Set.

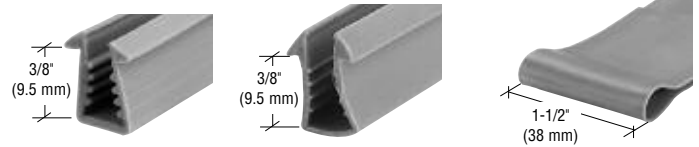


CAT. NO.	QTY/PKG
M6218	1

Minimum order: 1 pack.

CRL Shower Door Vinyls

These gray vinyls are made especially for use on shower doors. Get more details on pages 529W-530W.

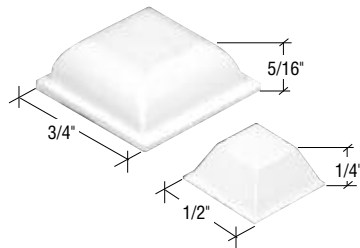


CAT. NO.	FITS GLASS	ROLL LENGTH
SDV732C	7/32" to 1/4" (5.5 to 6 mm)	100' (30.5 m)
SDV734C	1/4" (6 mm)	100' (30.5 m)
SDS200C	Bottom Sweep	100' (30.5 m)

Minimum order: 1 roll.

CRL Shower Door Bumper Assortment

Package contains two each 3/4" (19 mm) white Bumpers; two each 1/2" (13 mm) off-white colored Bumpers. Both are semi-soft polyurethane with adhesive backing, no screws required.

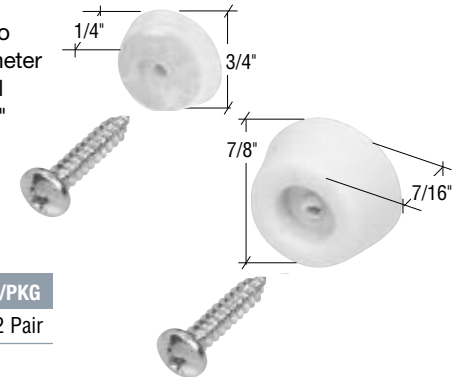


CAT. NO.	QTY/PKG
M6027	2 Pair

Minimum order: 1 pack.

CRL Shower Door Bumper Assortment

Package contains two each 3/4" (19 mm) diameter medium hard clear Vinyl Bumpers; two each 7/8" (22 mm) diameter soft white Rubber Bumpers. Screws included.

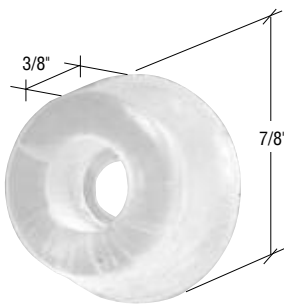


CAT. NO.	QTY/PKG
M6026	2 Pair

Minimum order: 1 pack.

CRL Shower Door Bumper

Clear polyurethane Bumper with a medium hardness. Has both an adhesive backing and center screw hole. Screws not included.



CAT. NO.	QTY/PKG
M6164	4

Minimum order: 1 pack.

CRL Shower Door Bumper

Clear vinyl Bumpers with medium hardness. Ideal for use with sliding shower doors. Screws included.

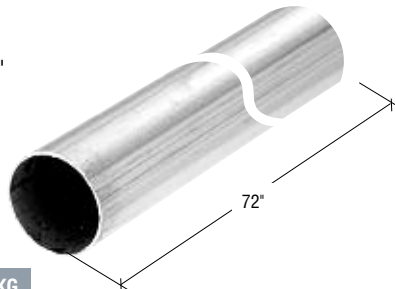


CAT. NO.	QTY/PKG
M6119	4

Minimum order: 1 pack.

CRL Shower Curtain Rod

Shower Curtain Rod is 1" (25.4 mm) in diameter and 72" (1.8 m) in length. Two finishes are available, stainless steel and anodized aluminum. Works with Cat. No. M6052 mounting brackets.



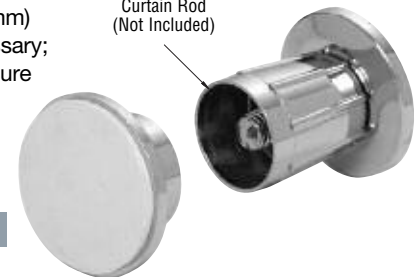
CAT. NO.	FINISH	QTY/PKG
M6140	Stainless Steel	1
M6082	Aluminum	1

Minimum order: 1 pack.

CRL Curtain Rod End Brackets

Chrome finish die cast Brackets; accepts 1" (25 mm) curtain rod; no tools necessary; simply twist to apply pressure between opposing walls.

Use With 1" Curtain Rod (Not Included)



CAT. NO.	FINISH	QTY/PKG
M6052	Chrome	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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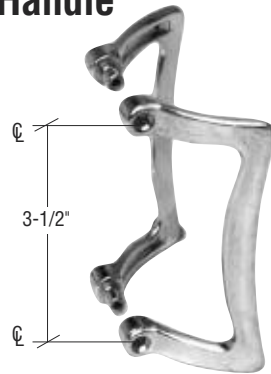
390W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Shower Door Pull Handle

Plated die cast Handle Set for swinging or sliding shower doors. Set includes both inside and outside pull handles, plus screws.

CAT. NO.	FINISH	QTY/PKG
M6029	Chrome	1
M6029B	Chrome	20

Minimum order: 1 pack.

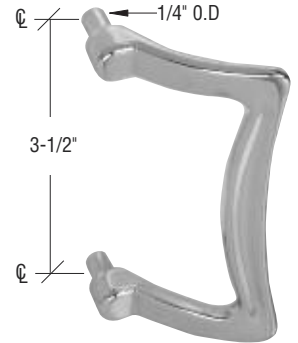


CRL Shower Door Pull Handle

Plated die cast Pull Handle for swinging or sliding shower doors. Handle has threaded studs and screws.

CAT. NO.	FINISH	QTY/PKG
M6018	Chrome	1
M6019	Brass	1

Minimum order: 1 pack.

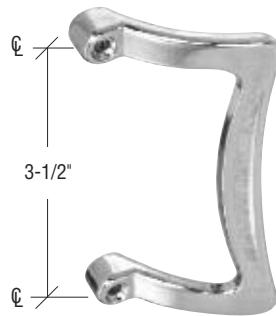


CRL Shower Door Pull Handle

Plated die cast Pull Handle for swinging or sliding shower doors. Handle has through mounting holes, plus screws.

CAT. NO.	FINISH	QTY/PKG
M6016	Chrome	1
M6017	Brass	1

Minimum order: 1 pack.

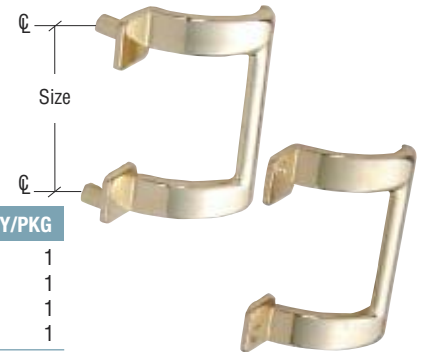


CRL Shower Door Pull Handle

Plated die cast Pull Handle Set for swinging or sliding shower doors.

CAT. NO.	SIZE/FINISH	QTY/PKG
M6158	2" Chrome	1
M6159	2" Brass	1
M6160	2-1/4" Chrome	1
M6161	2-1/4" Brass	1

Minimum order: 1 pack.

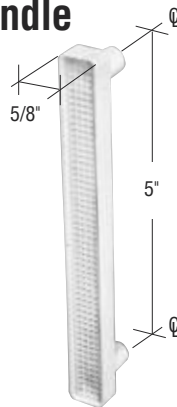


CRL Shower Door Pull Handle

White plastic Pull Handle. Fits doors made by Kinkead.

CAT. NO.	QTY/PKG
M6051	1

Minimum order: 1 pack.

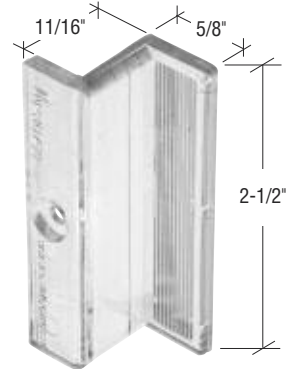


CRL Shower Door Pull Handle

Clear plastic Door Handle for swinging and sliding shower doors.

CAT. NO.	QTY/PKG
M6220	2

Minimum order: 1 pack.



CRL Pivot Door Slip-On Handle

Aluminum Slip-On Handle for pivot doors accommodates glass thicknesses from 3/16" to 1/4" (5 to 6 mm). Includes vinyl, a magnet, and stainless steel strike insert. No glass fabrication is required.

CAT. NO.	FINISH	QTY/PKG
SOH334CH	Chrome	1
SOH334BR	Brass	1
SOH334BN	Brushed Nickel	1

Minimum order: 1 each.

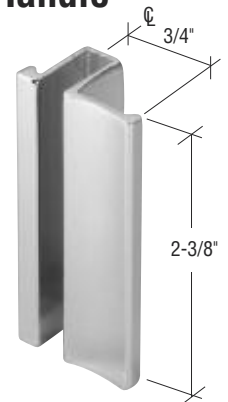


CRL Sliding Door Slip-On Handle

Aluminum Slip-On Handle for sliding doors to accommodate glass thicknesses from 3/16" to 1/4" (5 to 6 mm). Handle is secured to glass using silicone. No glass fabrication is required.

CAT. NO.	FINISH	QTY/PKG
SOH238CH	Chrome	1
SOH238BR	Brass	1
SOH238BN	Brushed Nickel	1

Minimum order: 1 each.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Tub Enclosure and Sliding Door Pull Handle

Tub Enclosure and Sliding Shower Door Pull Handle has a universal design which does not require screw holes. The extruded aluminum handle accepts 3/16" (5 mm) glass panel, and is held in place with clear silicone.

CAT. NO.	FINISH	QTY/PKG
M6142	Brushed Nickel	1

Minimum order: 1 pack.

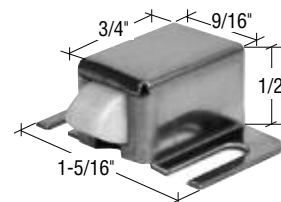


CRL Shower Door Roller Catch

Stainless steel housing with nylon or stainless tip. Fits a large variety of swinging shower doors.

CAT. NO.	TIP	FINISH	QTY/PKG
M6014	Nylon	Stainless	1
M6014B	Nylon	Stainless	25
M6015	Stainless	Stainless	1
M6033	Nylon	Brass	1
M6128	Stainless	Brass	1

Minimum order: 1 pack.

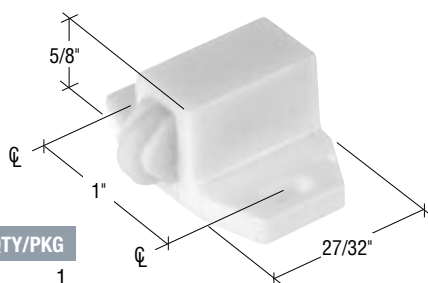


CRL Shower Door Roller Catch

Nylon Roller Catch is spring-loaded.

CAT. NO.	FINISH	QTY/PKG
M6064	White	1

Minimum order: 1 pack.

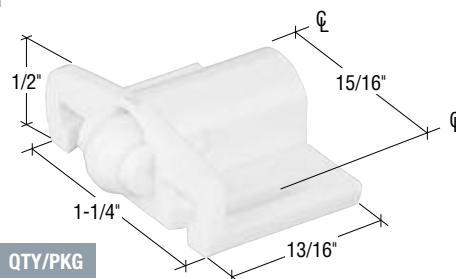


CRL Shower Door Roller Catch

Nylon Roller Catch is spring-loaded.

CAT. NO.	FINISH	QTY/PKG
M6213	White	1

Minimum order: 1 pack.

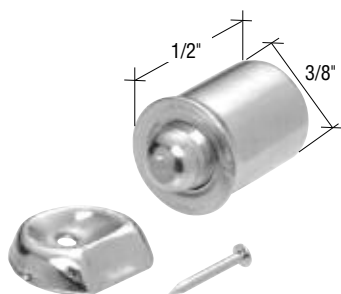


CRL Shower Door Bullet Catch

Nickel-plated steel, spring-loaded Bullet Catch for swinging shower doors. Fits into a 3/8" (9.5 mm) diameter hole.

CAT. NO.	QTY/PKG
M6072	2

Minimum order: 1 pack.

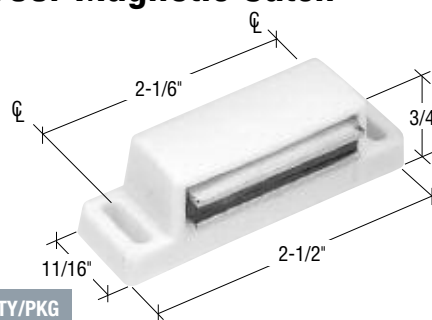


CRL Shower Door Magnetic Catch

Plastic housing with magnetic insert. Used by some manufacturers as a shower or cabinet door catch. **NOTE:** Strike plate not included.

CAT. NO.	FINISH	QTY/PKG
M6050	Ivory	1

Minimum order: 1 pack.

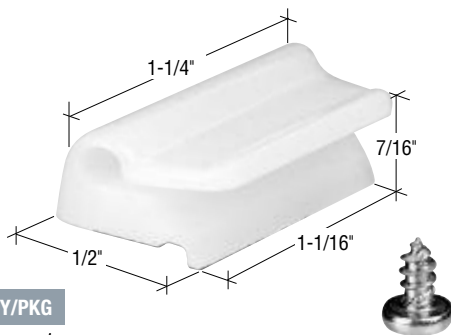


CRL Shower Door Friction Catch

Nylon Friction Catch for swinging shower doors made by Kinkad.

CAT. NO.	QTY/PKG
M6049	1

Minimum order: 1 pack.

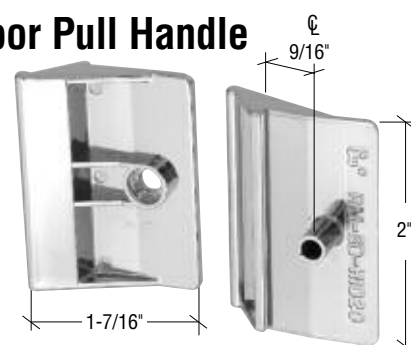


CRL Shower Door Pull Handle

Plastic Pull Handle Set for sliding shower doors. Vacuum plated chrome finish.

CAT. NO.	QTY/PKG
M6203	1

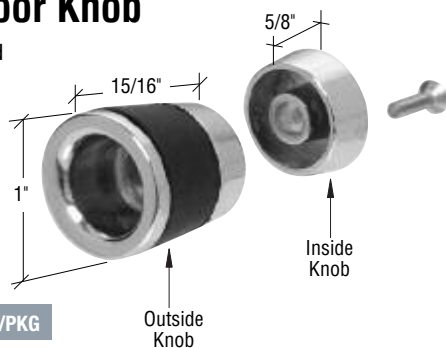
Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Shower Door Knob

Die cast chrome plated Knobs with rubber grips. Brackets mount into a 3/8" (9.5 mm) diameter hole through the glass.

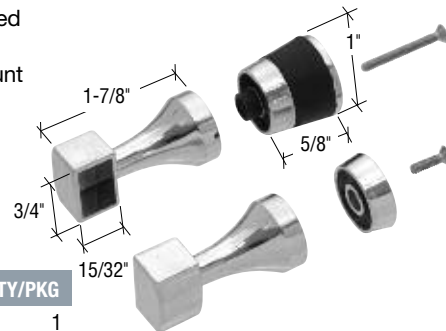


CAT. NO.	FINISH	QTY/PKG
M6099	Chrome	1

Minimum order: 1 pack.

CRL Towel Bar Brackets and Knob

Die cast chrome plated Knob with Towel Bar Brackets. Brackets mount into a 3/8" (9.5 mm) diameter hole through the glass.

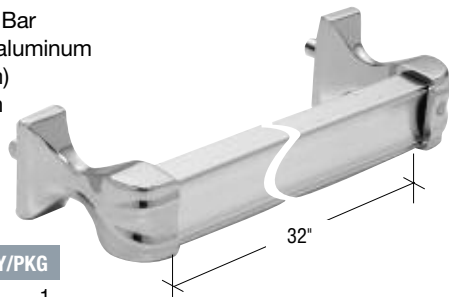


CAT. NO.	FINISH	QTY/PKG
M6098	Chrome	1

Minimum order: 1 pack.

CRL Towel Bar Kit

Plated die cast Towel Bar Brackets with extruded aluminum 3/8" x 3/4" (9.5 x 19 mm) Towel Bar. Overall length is 32" (813 mm).

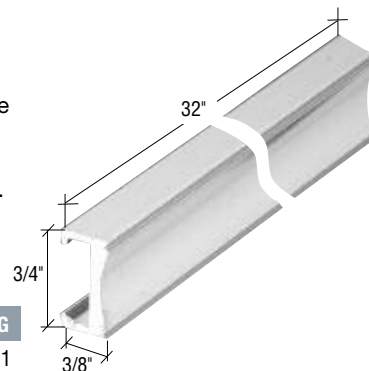


CAT. NO.	FINISH	QTY/PKG
M6093	Chrome	1
M6094	Brass	1

Minimum order: 1 pack.

CRL Towel Bar

32" (813 mm) extruded aluminum Towel Bar available in two finishes. Works with our Cat. No. M6020, M6021, M6078 and M6079 Brackets.

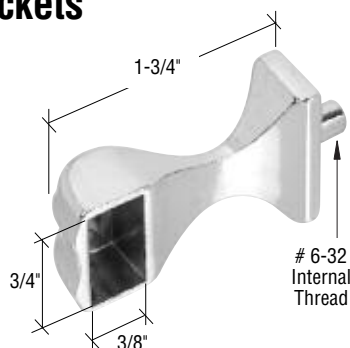


CAT. NO.	FINISH	QTY/PKG
M6073	Chrome	1
M6074	Brass	1

Minimum order: 1 pack.

CRL Towel Bar Brackets

Plated die cast Towel Bar Brackets. Use with CRL Cat. No. M6073 and M6074 Towel Bars.

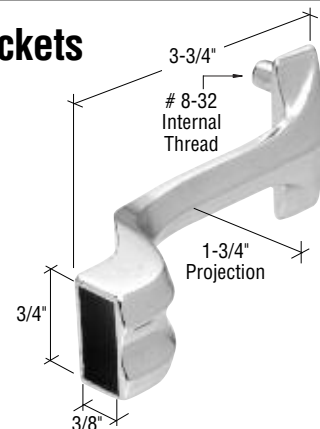


CAT. NO.	FINISH	QTY/PKG
M6020	Chrome	2
M6021	Brass	2

Minimum order: 1 pack.

CRL Towel Bar Brackets

Plated die cast Towel Bar Brackets. Use with CRL Cat. No. M6073 and M6074 Towel Bars.

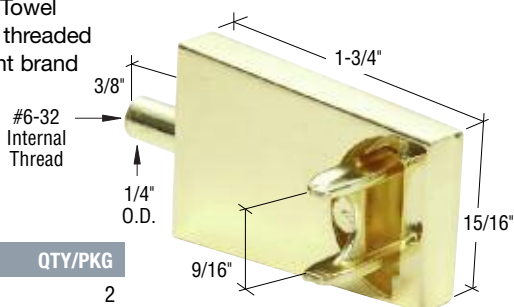


CAT. NO.	FINISH	QTY/PKG
M6078	Chrome	2
M6079	Brass	2

Minimum order: 1 pack.

CRL Towel Bar Brackets

Plated die cast Towel Bar Brackets with threaded stud. Fits Workright brand shower doors.

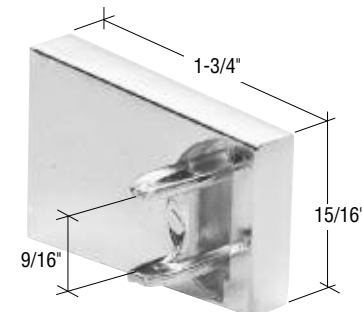


CAT. NO.	FINISH	QTY/PKG
M6135	Brass	2
M6136	Chrome	2

Minimum order: 1 pack.

CRL Towel Bar Brackets

Plated die cast Towel Bar Brackets. Fits Workright brand shower doors.



CAT. NO.	FINISH	QTY/PKG
M6118	Chrome	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

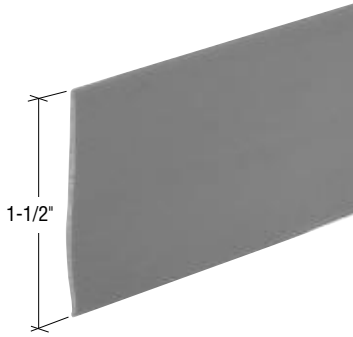
CRL Shower Door Bottom Seal and Wipe

Flat vinyl Bottom Seal and Wipe for swinging shower doors.

CAT. NO.	COLOR	LENGTH
M6022	Gray	36" (914 mm)
SDS200C	Gray	100' (30.5 m)
SDS200M	Gray	1000' (305 m)
M6226	Clear	36" (914 mm)

Minimum order: 1 pack.

1-1/2"



CRL Shower Door Bottom Seal and Wipe

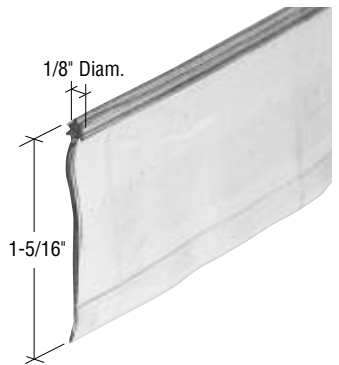
"Star-Tip" vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.

CAT. NO.	COLOR	LENGTH
M6023	Gray	36" (914 mm)
SDS400C	Gray	100' (30.5 m)
SDS400M	Gray	1000' (305 m)
M6227	Clear	36" (914 mm)

Minimum order: 1 pack.

1/8" Diam.

1-5/16"



CRL Shower Door Bottom Seal and Wipe

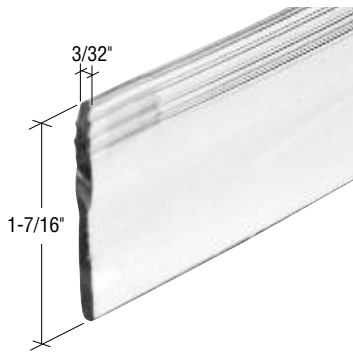
Heavy gauge Bottom Seal and Wipe for swinging shower doors.

CAT. NO.	COLOR	LENGTH
M6092	Gray	36" (914 mm)
M6229	Clear	36" (914 mm)

Minimum order: 1 pack.

3/32"

1-7/16"



CRL Shower Door Bottom Seal and Wipe

"T" type vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.

CAT. NO.	COLOR	LENGTH
M6040	Gray	36" (914 mm)
M6228	Clear	36" (914 mm)

Minimum order: 1 pack.

3/16"

3/4"



CRL Shower Door Bottom Seal and Wipe

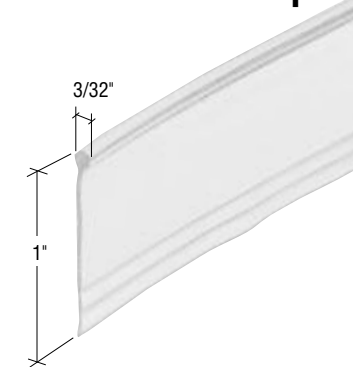
Round top bulb type vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.

CAT. NO.	COLOR	LENGTH
M6184	Clear	36" (914 mm)

Minimum order: 1 pack.

3/32"

1"



CRL Shower Door Bottom Seal and Wipe

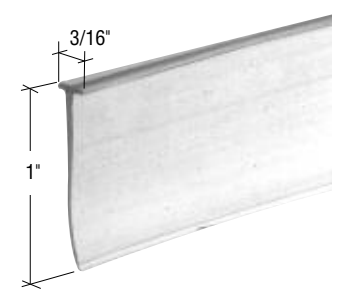
"T" type vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.

CAT. NO.	COLOR	LENGTH
M6211	Clear	36" (914 mm)

Minimum order: 1 pack.

3/16"

1"



CRL Shower Door Bottom Seal and Wipe

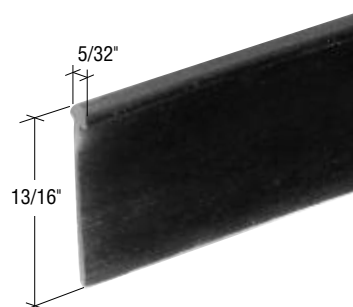
"T" type vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.

CAT. NO.	COLOR	LENGTH
M6230	Black	36" (914 mm)

Minimum order: 1 pack.

5/32"

13/16"



CRL Shower Catalogs

Elegant, beautifully designed Frameless Shower Enclosures cannot become a reality without professional installers using state-of-the-art tools and techniques. In these two new catalogs you will find innovative Frameless Sliding Shower Door Systems and the efficient tools available to make your job easier.



FS14
Frameless
Sliding Shower
Doors Catalog



ST14
Shower
Door Tools
Catalog

Order, View or Download at crlaurence.com

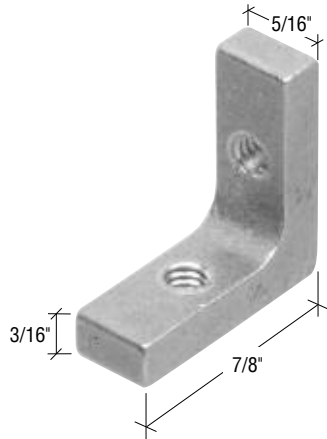
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Shower Door Corner Bracket

Extruded aluminum Shower Door Corner has pre-drilled and tapped (8-32) mounting holes.

CAT. NO.	WIDTH	QTY/PKG
M6024	5/16" (8 mm)	4
M6024B	5/16" (8 mm)	100

Minimum order: 1 pack (or 100 each if bulk).

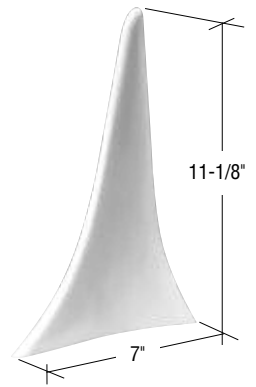


CRL Splash Guards

Porcelain color plastic Splash Guards with curved profile are packaged one right and one left per package. Mount with our Cat. No. 33SMRC Clear Silicone or similar tub caulking.

CAT. NO.	COLOR	QTY/PKG
M6087	Porcelain White	2

Minimum order: 1 pack.

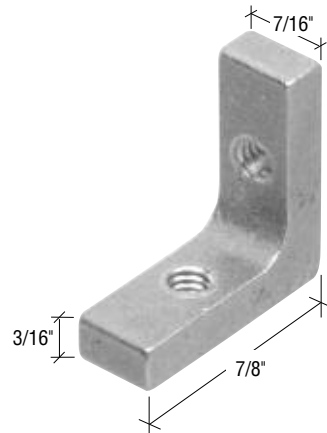


CRL Shower Door Corner Bracket

Extruded aluminum Shower Door Corner has pre-drilled and tapped (8-32) mounting holes.

CAT. NO.	WIDTH	QTY/PKG
M6025	7/16" (8 mm)	4
M6025B	7/16" (8 mm)	100

Minimum order: 1 pack (or 100 each if bulk).

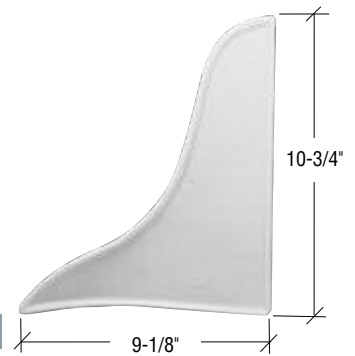


CRL Splash Guards

Plastic Splash Guards with curved profile are packaged one right and one left per package. Mount with our Cat. No. 33SMRC Clear Silicone or similar tub caulking.

CAT. NO.	COLOR	QTY/PKG
M6086	Porcelain White	2

Minimum order: 1 pack.

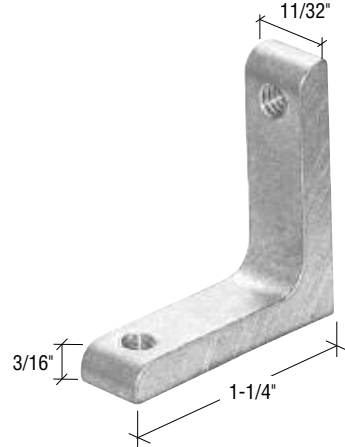


CRL Shower Door Corner Bracket

Extruded aluminum Shower Door Corner has pre-drilled and tapped (8-32) mounting holes.

CAT. NO.	QTY/PKG
M6165	4

Minimum order: 1 pack.

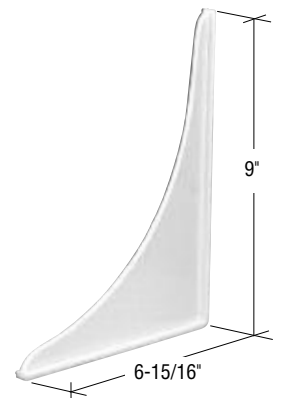


CRL Splash Guards

Porcelain color plastic Splash Guards with flat profile come with double faced adhesive foam tape for quick installation. Non-handed.

CAT. NO.	COLOR	QTY/PKG
M6085	Porcelain White	2

Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Privacy Latch Set



CAT. NO.
D44B



CAT. NO.
D44BC

• Two Finish Combinations

Tulip design Privacy Latch Set with a 2-3/8" (60 mm) backset is ideal for bedroom and bathroom doors. Available in an all-brass finish or a brass and chrome combination, which is popular for bathroom doors.

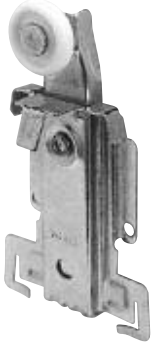
CAT. NO.	FINISH	QTY/PKG
D44B	All-Brass	1
D44BC	Brass/Chrome	1

Minimum order: 1 pack. All Finishes can be combined for quantity pricing.

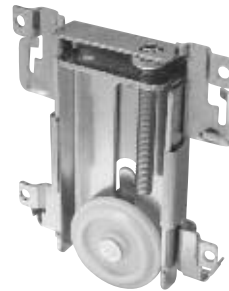
Introduction and Selection Guide

This section of the CRL83R Door and Window Hardware Catalog features our expanded selection of Wardrobe Door hardware. It has been arranged so you will find it easier to locate and specify the correct replacement parts to suit the needs of your customers. And if you don't see what you need you can contact CRL Customer Service to take advantage of our Sample Matching Service (see page 244W).

CRL Wardrobe Door Hardware Has Been Organized Into Four Groups



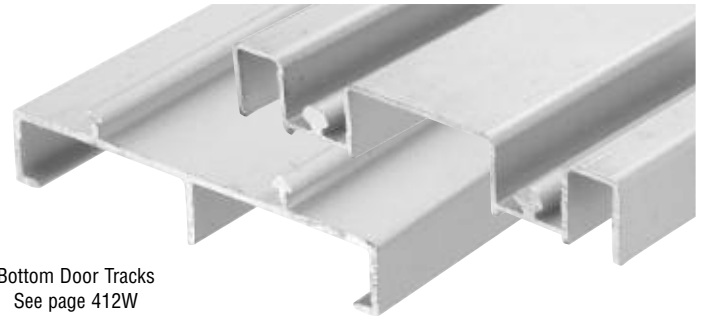
Top Hung Hardware, Including Bottom Guides for Top Hung Doors
See pages 400W – 404W



Rollers and Top Guides for Bottom Supported Doors
See pages 405W – 409W



Pivot Door Hardware
See pages 409W – 412W



Bottom Door Tracks
See page 412W

Keeping Up With Industry Changes

• N6820 Roller Designed for Wood and Metal Frame Replacement Applications

Bottom Roller Brackets have changed over the years. Some door manufacturers had brackets designed specifically for either wood frame or metal frame doors, but not both.

Now look at our Cat. No. N6820 Bracket shown at right. This very popular roller bracket housing was redesigned by the manufacturer to work on both types of door frames. The N6820 has side-locking clips for metal frames and screw mounting tabs for wood doors.

NOTE: When selecting a replacement Roller Bracket always remember to check the type of roller, either flat or concave, in the existing bracket.

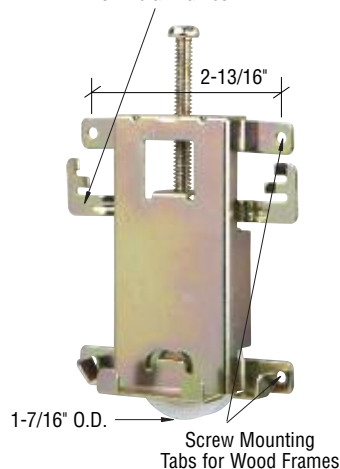


Flat Roller



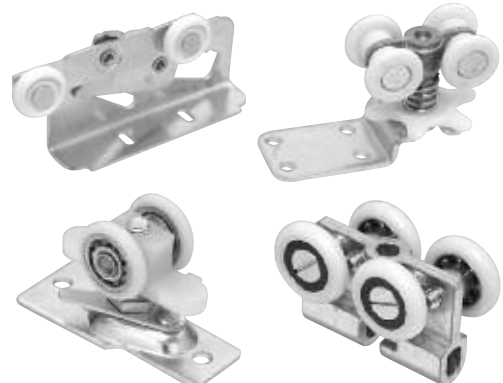
Concave Roller

Side Mounting Clips for Metal Frames



• Pocket Door Hardware (See Page 398W) Also Available on Special Order

Pocket Doors save valuable floor and wall space. CRL can provide just the replacement Pocket Door Hardware you need. Contact us at (800) 421-6144 and ask for our Special Quotations Department, or send e-mail from the crlaurence.com home page.



CRL Bi-Passing Door Hardware Sets

- For Doors Weighing Up to 125 Pounds
- Sets for 1-3/8" and 1-3/4" Thick Panels
- 2-Panel and 4-Panel Models

This CRL Bi-Passing Door Hardware Set comes complete with everything needed to install 1-3/8" and 1-3/4" (35 and 44 mm) thick bi-passing doors weighing up to 125 lbs. (56.7 kg). The extruded aluminum track has a 2-3/16" (55 mm) tall fascia. Also included are four tri-roller hangers with heavy-duty 1" (25 mm) diameter nylon rollers, floor guide, round pull cup, door stops, all mounting screws, and detailed installation instructions.

NOTE: Replacement Hardware Packs are available separately. For 1-3/8" (35 mm) 2 Panel Set use Cat. No. 13313802; 4 Panel Set use Cat. No. 13313804. For 1-3/4" (44 mm) 2 Panel Set use Cat. No. 13313402; 4 Panel Set use Cat. No. 13313404.

1-3/8" THICK CAT. NO.	1-3/4" THICK CAT. NO.	OPENING WIDTH	NUMBER OF PANELS
138F482D	134F482D	48" (1219 mm)	2 Panels
138F602D	134F602D	60" (1524 mm)	2 Panels
138F722D	134F722D	72" (1829 mm)	2 Panels
138F964D	134F964D	96" (2438 mm)	4 Panels

Minimum order: 1 set. Sizes can be combined for quantity pricing.

new



CRL Bi-Folding Door Hardware Sets

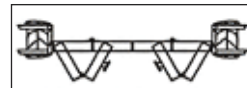
- Sets for 1-3/8" and 1-3/4" Thick Panels

new

This CRL Bi-Folding Door Hardware Set is designed for use with heavy 1-3/8" or 1-3/4" solid core doors weighing up to 75 lbs. (34 kg). Set includes a heavy aluminum track with ball bearing tricycle hangers, top and bottom pivots, and pivot brackets. Models for 2-panel and 4-panel doors in opening widths from 36" to 96". Detailed instructions included. **NOTE:** Replacement Hardware Packs are available separately, order Cat. No. 1031FD50.

CAT. NO.	OPENING WIDTH	NUMBER OF PANELS
100FD362	36" (914 mm)	2 Panels
100FD484	48" (1219 mm)	4 Panels
100FD604	60" (1524 mm)	4 Panels
100FD724	72" (1829 mm)	4 Panels
100FD964	96" (2438 mm)	4 Panels

Minimum order: 1 set. Sizes can be combined for quantity pricing.



CRL Commercial Bi-Folding Door Hardware Sets

- For Use With 1-3/8" to 1-3/4" Thick Panels

new

This CRL Commercial Grade Bi-Folding Door Hardware Set is designed for use with heavy 1-3/8" or 1-3/4" solid core doors weighing up to 125 lbs. (56.7 kg). Set includes a heavy aluminum track with ball bearing tricycle hangers, top and bottom pivots, and pivot brackets. Models for 2-panel and 4-panel doors in opening widths from 48" to 96". Detailed instructions included. **NOTE:** When mounting the 200FD Bi-Folding Door to the face of an existing wall you must order a Cat. No. 20312011 Wall Mount Kit. Replacement Hardware Packs are available separately, order Cat. No. 2014FD2.

CAT. NO.	OPENING WIDTH	NUMBER OF PANELS
200FD482	48" (1219 mm)	2 Panels
200FD602	60" (1524 mm)	2 Panels
200FD724	72" (1829 mm)	4 Panels
200FD964	96" (2438 mm)	4 Panels

Minimum order: 1 set. Sizes can be combined for quantity pricing.



CRL WARDROBE DOOR HARDWARE

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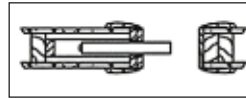
CRL Pocket Door Frame and Hardware Sets

- For Use With 1" to 1-3/8" Thick Panels
- For 2" x 4" Stud Walls
- 200 Pound Maximum Door Weight

This CRL Commercial Pocket Door Frame Kit is for 1" to 1-3/8" (25 to 35 mm) thick doors weighing up to 200 lbs. (91 kg). This Kit is designed for 2" x 4" wall construction and can be adapted for use on 1-3/4" (44 mm) thick doors when the Cat. No. 1575PPK3 Adapter Kit (sold separately) is used.

CAT. NO.	DOOR WIDTH	DOOR HEIGHT	DOOR WEIGHT
153068PF	36" (914 mm)	80" (2032 mm)	125 Pounds (57 kg)
153070PF	36" (914 mm)	84" (2134 mm)	200 Pounds (91 kg)
153080PF	36" (914 mm)	96" (2438 mm)	200 Pounds (91 kg)
153090PF	36" (914 mm)	108" (2743 mm)	200 Pounds (91 kg)

Minimum order: 1 set. Sizes can be combined for quantity pricing.



new



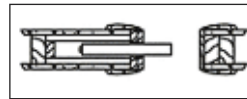
CRL Commercial Pocket Door Frame and Hardware Sets

- For Use With 1-3/8" to 1-3/4" Thick Panels
- For 2" x 4" and 2" x 6" Stud Walls
- 200 Pound Maximum Door Weight

These CRL Commercial Pocket Door Frame Kits are for 1-3/8" to 1-3/4" (35 to 44 mm) thick doors weighing up to 200 lbs. (91 kg). Kits are designed for 2" x 4" and 2" x 6" wall construction. Use Converging Pocket Door Kit Cat. No. 1555PPK3 for joining two pocket door systems converging in the center.

CAT. NO.	DOOR WIDTH	DOOR HEIGHT	DOOR WEIGHT
154070PF	48" (1219 mm)	84" (2134 mm)	200 Pounds (91 kg)
15603090*	36" (914 mm)	108" (2743 mm)	200 Pounds (91 kg)

Minimum order: 1 set. Sizes can be combined for quantity pricing. * For 2" x 6" Stud Walls.



new



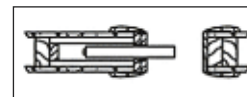
CRL Heavy-Duty Pocket Door Frame and Hardware Sets

- For Use With 1-1/8" to 1-3/4" Thick Panels
- Supports Doors Weighing Up to 300 Pounds
- For 2" x 4" Stud Walls
- Extruded Aluminum I-Beam Track

These CRL Heavy-Duty Pocket Door Frame Kits will accommodate doors up to 36" (914 mm) wide and weighing up to 300 lbs. (136 kg). These Kits will work on doors 1-1/8", 1-3/8", or 1-3/4" (26, 35, or 44 mm) thick. A convergent kit is available for having two doors meet together in the center of an opening. Order Cat. No. 2050PLBG.

CAT. NO.	DOOR WIDTH	DOOR HEIGHT	DOOR WEIGHT
203068PF	36" (914 mm)	80" (2032 mm)	300 Pounds (136 kg)
203070PF	36" (914 mm)	84" (2134 mm)	300 Pounds (136 kg)
203080PF	36" (914 mm)	96" (2438 mm)	300 Pounds (136 kg)

Minimum order: 1 set. Sizes can be combined for quantity pricing.



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CRL Wardrobe Door Rollers

• Hanger Bracket Included

These CRL Wardrobe Door Rollers have three 1" (25.4 mm) diameter flat nylon rollers to carry bi-passing and bi-folding doors. Designed for use on Johnson Door Hardware Systems, the hanger bracket has a threaded bolt for height adjustment. There is a quick release feature to detach the door mounting bracket from the wheel bracket to ease installation. **NOTE:** Use ball bearing rollers for doors weighing up to 200 lbs. (90.1 kg) per door.



Cat. No. 1120
Shown

CAT. NO.	DESCRIPTION
1120	1" Flat Nylon Rollers
1125	1" Ball Bearing Flat Nylon Rollers

Minimum order: 1 each.

CRL Bi-Passing Door Guide

• Two Models Available

These CRL Bi-Passing Door Guides have steel frames with nylon glide pads. Guides are adjustable and will fit either 1-1/8" to 1-3/4" (29 to 44 mm) doors and 3/4" to 1-3/8" (19 to 35 mm) doors.



Cat. No. 2134
Shown

CAT. NO.	DESCRIPTION
2134	Adjustable for 1-1/8" to 1-3/4" Doors
2135	Adjustable for 3/4" to 1-3/8" Doors

Minimum order: 1 each.

CRL Converging Pocket Door Kits

• For Joining Two Opposing Pocket Door Systems

These CRL Converging Pocket Door Kits include a heavy-duty mounting channel, top plate, and mounting screws. After some slight modification of the leading edge of each opposing pocket door frame, mount the channel and plate to tie both frames together, then mount the two top track stops (supplied).



Cat. No. 1555PPK3
Shown

CAT. NO.	DESCRIPTION
1555PPK3	Kit for 1500 Series Pocket Doors
2050PLBG	Kit for 2000 Series Pocket Doors

Minimum order: 1 each.

CRL Wall Mount Track Bracket

• For Wall Mount Sliding Wood Doors

The CRL Extruded Aluminum Wall Mount Track Bracket is used for mounting the Johnson Series 200 extruded aluminum "I" Beam Upper Track to the face of a wall. Designed for use on 1-3/8" (35 mm) thick doors weighing up to 300 lbs. (136 kg). A set screw is supplied for firmly attaching the bracket to the track. Minimum order is one each.



CAT. NO. 2006PLBG

CRL Roller Hanger Assembly

• Ball Bearing Rollers

This CRL Roller Hanger Assembly is made to fit Johnson Series 200 I-Beam Track Bi-Fold and Bi-Pass Door Systems. Hanger has four 1" (25.4 mm) diameter ball bearing flat edged nylon rollers mounted to a heavy-duty hanger bracket. Includes adjustable mounting stud, top mounting plate, and screws. Minimum order is one each.

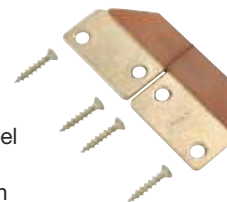


new
CAT. NO. 2020

CRL Non-Mortise Panel Hinge for Bi-Folding Wardrobe Doors

• Wood Tone Color • Non-Mortise Installation

This CRL Non-Mortise Panel Hinge has a wood tone finish and is ideal for use on bi-folding wardrobe wood doors. This is a two-piece hinge, made from steel and vinyl covered hinge leaves which are exposed when installed. Can be used on doors as thin as 1" (25.4 mm). One hinge and four flat head mounting screws per set. Minimum order is one set.

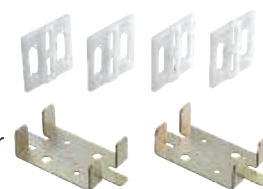


CAT. NO. 1606MM

CRL Adapter Kit for 1-3/4" Door Thickness

• Converts 1-3/8" Door Kits to 1-3/4"

This CRL Adapter Kit is for use with Johnson Series 1500 Pocket Door Kits which are designed for 1-3/8" (35 mm) thick doors. This Kit adapts the 1500 Series Kits for use with 1-3/4" (44 mm) thick doors. Kit contains two floor nailer plates for mounting the split jambs at the floor and four nylon spacer plates for mounting the split jambs to the upper track. Minimum order is one each.



CAT. NO. 1575PPK3

CRL U-Channel Guide Track and Pivot Door Guide

• For Use With Multi-Door Systems

This CRL U-Channel Guide Track is used as a door guide on Multi-Door Sliding Systems. Standard double door bottom guides are not designed for use on multi-door systems. This aluminum U-Channel can be flush mounted into either the floor or a special cut wood threshold. Use with a Cat. No. 1705MM Bottom Guide mounted into the bottom edge of each door to act as a guide.



CAT. NO.	DESCRIPTION
105072	72" (1829 mm) U-Channel Guide Track
105096	96" (2438 mm) U-Channel Guide Track
1705MM	Pivot Door Guide

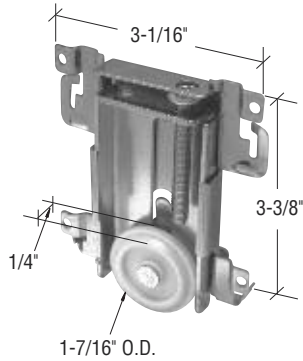
Minimum order: 1 each.

CRL WARDROBE DOOR HARDWARE

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CRL Wardrobe Door Roller Assembly

Flat edge nylon non-ball bearing roller; adjustable steel housing; snap-in bracket for steel frame doors.

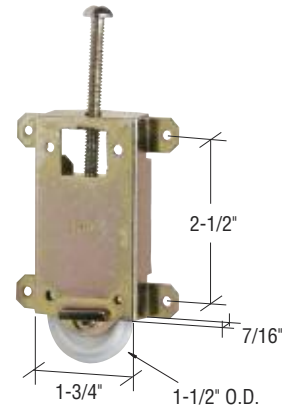


CAT. NO.	ROLLER	QTY/PKG
N6790	Nylon	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Flat edge nylon roller; adjustable steel housing.

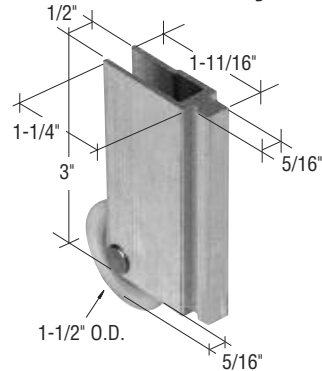


CAT. NO.	ROLLER	QTY/PKG
N6963	Nylon	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable aluminum housing bracket; bracket has "T" shaped extruded boss; used by Contractors Mirror Door Company.

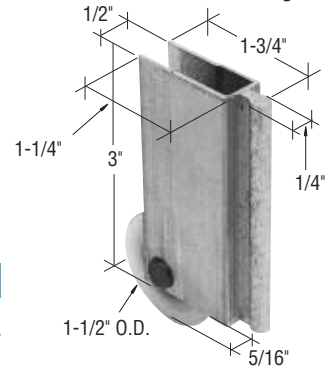


CAT. NO.	ROLLER	QTY/PKG
N6598	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable aluminum housing bracket; bracket has round extruded boss; fits on Monarch Door Company 500 Series aluminum frame doors.

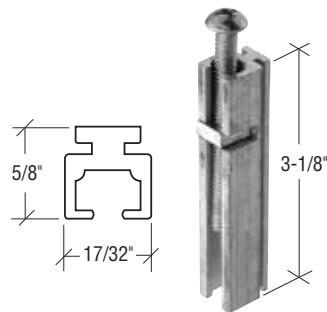


CAT. NO.	ROLLER	QTY/PKG
N6599	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Mounting Bracket

Extruded aluminum adjustment bracket used with Cat. No. N6598; used by Contractors Mirror Door on aluminum frame doors.

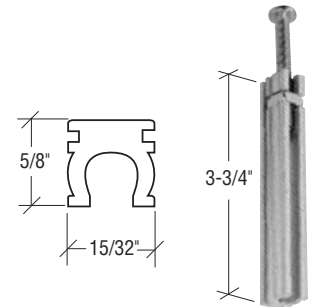


CAT. NO.	QTY/PKG
N6872	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Mounting Bracket

Extruded aluminum adjustment bracket used with Cat. No. N6599; used by Monarch Mirror for 500 Series aluminum frame doors.

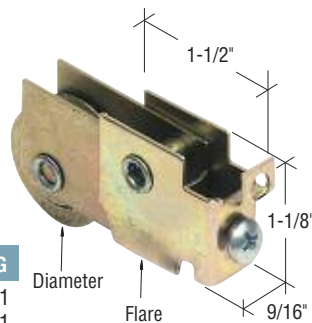


CAT. NO.	QTY/PKG
N6665	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Ball bearing roller; adjustable steel housing assembly; overall width at flare is 11/16"; used by Crest Mirror Door, Manufacturers Mirror Door, and others.

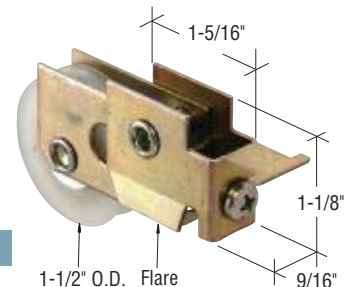


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
N6624	Steel B.B.	1-1/8"	1
N6625	Nylon B.B.	1-1/4"	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing assembly; overall width at flare is 25/32".



CAT. NO.	ROLLER	QTY/PKG
N6946	Nylon B.B.	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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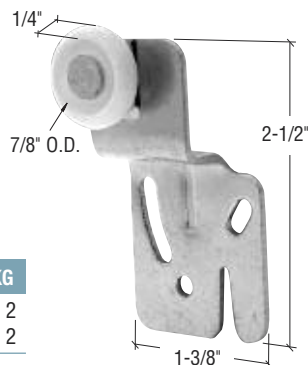
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CRL Wardrobe Door Roller

Stamped steel top hung roller bracket with round edge nylon roller; fits doors 3/4" to 1-3/8" (19 to 35 mm) thick; used on Stanley/Acme track systems.

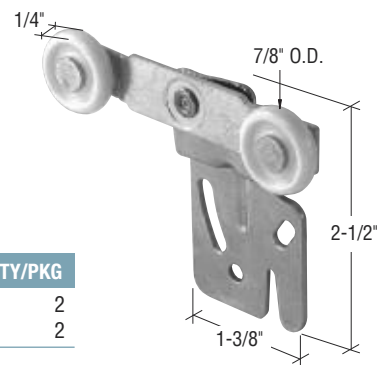


CAT. NO.	ROLLER	OFFSET	QTY/PKG
N6500	Nylon	1/4"-Front	2
N6501	Nylon	1/2"-Back	2

Minimum order: 1 pack.

CRL Tandem Wardrobe Door Roller

Stamped steel bracket with tandem round edge rollers; fits doors 3/4" to 1-3/8" (19 to 35 mm) thick; used on Stanley/Acme track systems.



CAT. NO.	ROLLER	OFFSET	QTY/PKG
N6502	Nylon	1/4"-Front	2
N6503	Nylon	1/2"-Back	2

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Round edge nylon roller; adjustable steel bracket; fits on 3/4" to 1-3/8" (19 to 35 mm) doors used by Cox.

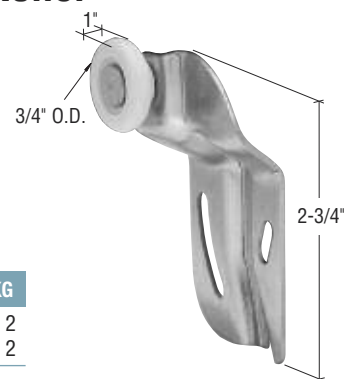


CAT. NO.	ROLLER	OFFSET	QTY/PKG
N6504	Nylon	1/4"-Front	2
N6505	Nylon	1/2"-Back	2

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Round edge nylon roller; stamped steel top hung roller bracket; fits doors 3/4" to 1-3/8" (19 to 35 mm) thick; used on Cox systems.

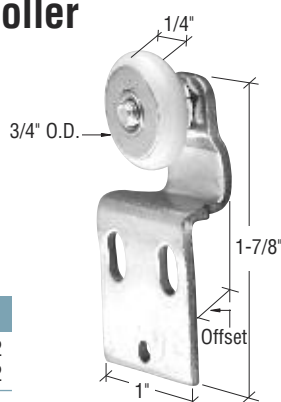


CAT. NO.	ROLLER	OFFSET	QTY/PKG
N6508	Nylon	1/4"-Front	2
N6509	Nylon	1/2"-Back	2

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Round edge nylon ball bearing roller; stamped steel top hung roller bracket; fits doors 3/4" to 1-3/8" (19 to 35 mm) thick; used on Stanley/Acme track systems.

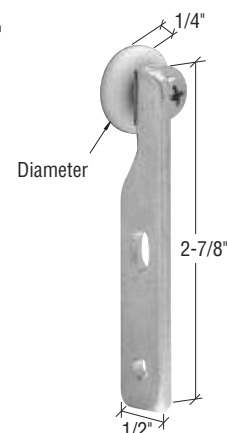


CAT. NO.	ROLLER	OFFSET	QTY/PKG
N6516	Nylon	3/8"-Front	2
N6517	Nylon	1/2"-Back	2

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Round edge ball bearing roller; stamped steel bracket; one left and one right per package; fits doors 3/4" to 1-1/4" (19 to 32 mm) thick.

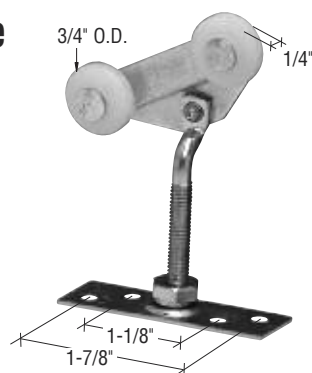


CAT. NO.	ROLLER	DIAM.	QTY/PKG
N6518	Nylon	3/4"-Front	2
N6519	Nylon	7/8"-Back	2

Minimum order: 1 pack.

CRL Tandem Wardrobe Door Roller

Round edge nylon rollers; adjustable steel bracket; fits on 3/4" to 1-3/8" (19 to 35 mm) thick Harvey track systems.

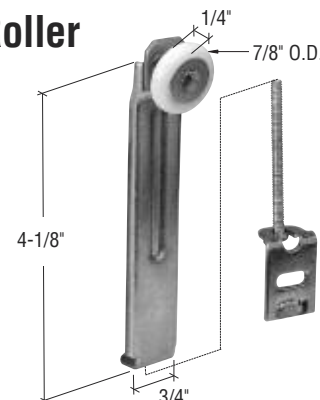


CAT. NO.	ROLLER	QTY/PKG
N6527	Nylon	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Round edge nylon ball bearing roller; stamped steel top hung bracket.



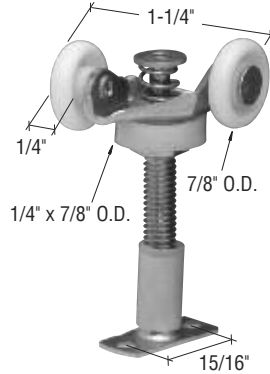
CAT. NO.	ROLLER	QTY/PKG
N6607	Nylon B.B.	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Wardrobe Door Roller

Round edge nylon rollers; tandem roller hanger; top mounting adjustable steel bracket with flat edge horizontal guide roller; fits 1" to 1-3/8" (25 to 35 mm) thick doors; used on Acme Series 2600 bi-fold and accordion doors.

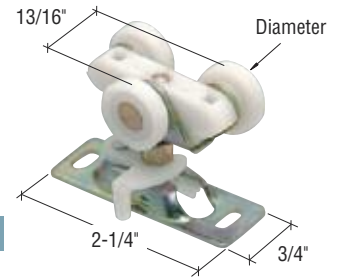


CAT. NO.	ROLLER	QTY/PKG
N6534	Nylon	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Three flat edge nylon rollers; stamped steel bracket; used on both bypassing and pocket doors; fits L.E. Johnson track systems; 3/4" diameter rollers used in manufactured housing.

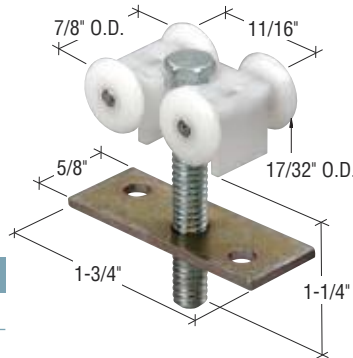


CAT. NO.	ROLLER	DIAM.	QTY/PKG
N6847	Nylon	3/4"	2
N6848	Nylon	1"	2

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Nylon carrier with four nylon rollers; adjustable steel threaded stud with steel mounting plate; used on top suspended accordion doors and shutters.

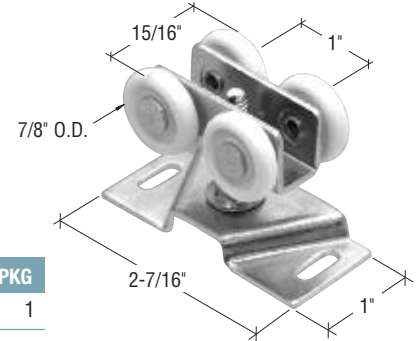


CAT. NO.	ROLLER	QTY/PKG
N6605	Nylon	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Four round edge nylon rollers; stamped steel bracket; designed for bypassing and pocket doors.

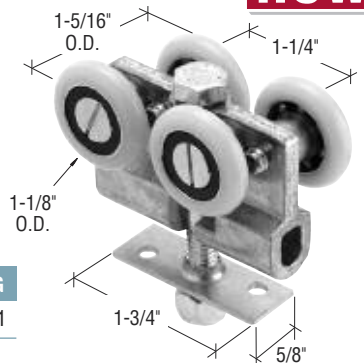


CAT. NO.	ROLLER	QTY/PKG
N6990	Nylon	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Four 1-1/8" diameter round edge nylon ball bearing rollers; heavy-duty die cast bracket; used on top suspended pocket doors. Includes a threaded bolt for adjustment and top mounting bracket with screws.

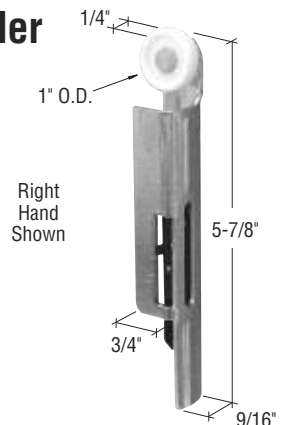


CAT. NO.	ROLLER	QTY/PKG
N6822	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Flat edge nylon roller; stamped steel top hung bracket; fits Likit track systems.

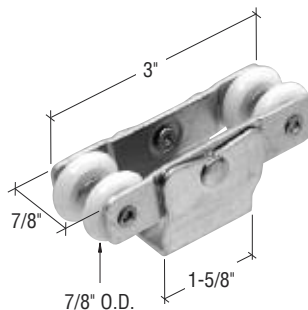


CAT. NO.	ROLLER	HANDED	QTY/PKG
N6556	Nylon	Left	1
N6557	Nylon	Right	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Four round edge nylon rollers; stamped steel bracket; designed for pocket doors.
NOTE: Similar in design to the older Acme bracket, this bracket will inter-change, however, you must use the matching hanger bracket shown to the right.

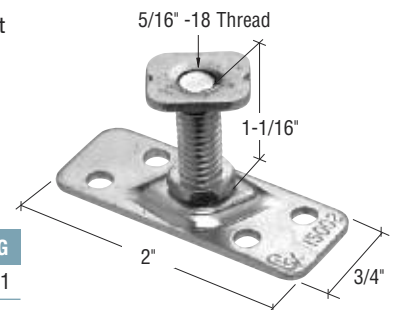


CAT. NO.	ROLLER	QTY/PKG
N6659	Nylon	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Bracket

Top mounting steel bracket for Cat. No. N6659 roller carriage shown at left. For face mount brackets, ask for a special quote for N6891 or N6892 and specify your door thickness.



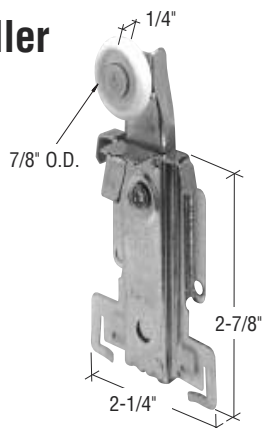
CAT. NO.	QTY/PKG
N6662	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Wardrobe Door Roller

Round edge nylon roller; stamped steel top hung adjustable roller bracket; fits Acme track systems.

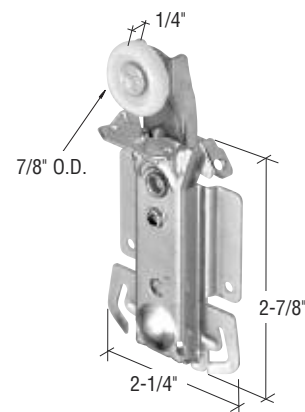


CAT. NO.	ROLLER	QTY/PKG
N6550	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Guide Roller

Round edge nylon roller; stamped steel top guide roller bracket. Not used on top hung doors. Does not have a height adjustment screw.

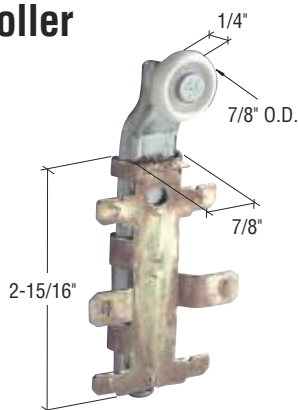


CAT. NO.	ROLLER	QTY/PKG
N7237	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Round edge nylon roller; stamped steel top hung adjustable roller bracket; fits Cox track systems.

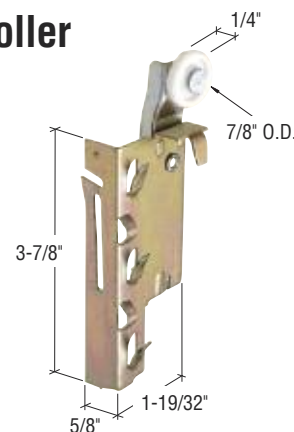


CAT. NO.	ROLLER	QTY/PKG
N6602	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Round edge nylon roller; stamped steel top hung adjustable roller bracket; fits Acme 4000 Series track systems. Comes one left and one right handed roller per package.

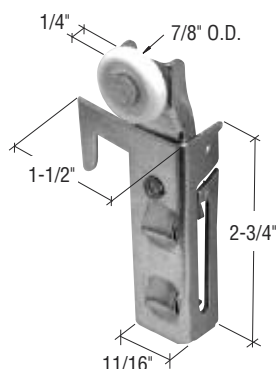


CAT. NO.	ROLLER	QTY/PKG
N6758	Nylon	1 Pair

Minimum order: 1 pack.

CRL Wardrobe Door Roller

Round edge nylon roller; stamped steel top hung adjustable roller bracket; fits Acme track systems.



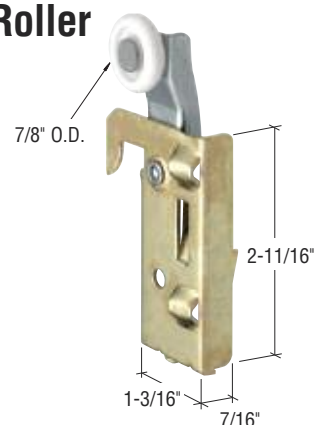
CAT. NO.	ROLLER	QTY/PKG
N6548	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Roller

• Popular In Canada

Round edge nylon roller; stamped steel top hung adjustable roller bracket.

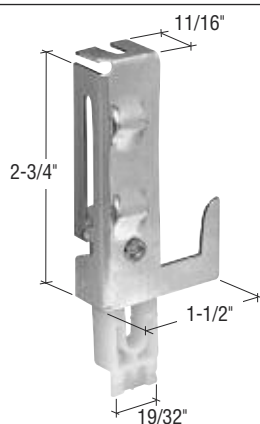


CAT. NO.	ROLLER	QTY/PKG
N7046	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Bottom Guide

Stamped steel Bottom Door Guide for bypassing doors; nylon insert; fits Acme track systems.



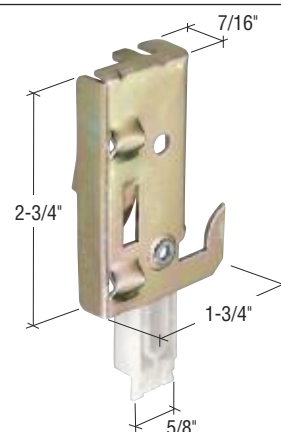
CAT. NO.	GUIDE	QTY/PKG
N6549	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Bottom Guide

• Popular In Canada

Stamped steel Bottom Door Guide for bypassing doors; nylon insert.



CAT. NO.	GUIDE	QTY/PKG
N7047	Nylon	2

Minimum order: 1 pack.

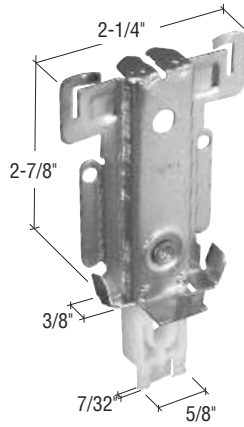
All packs of Replacement Hardware can be combined for quantity pricing.

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CRL Wardrobe Door Bottom Guide

Stamped steel Bottom Door Guide; nylon insert; fits Acme track systems.

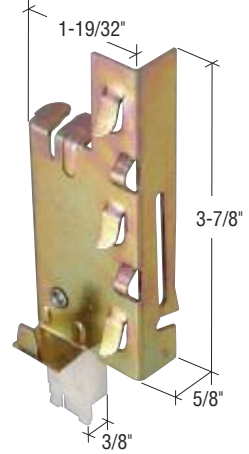


CAT. NO.	GUIDE	QTY/PKG
N6551	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Bottom Guide

Stamped steel Bottom Door Guide; nylon insert; fits Acme 4000 Series track systems.

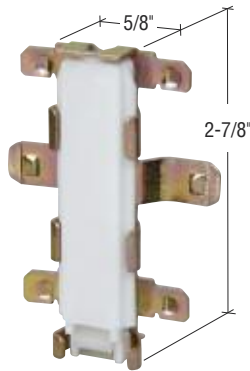


CAT. NO.	GUIDE	QTY/PKG
N6759	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Bottom Guide

Stamped steel Bottom Door Guide; nylon insert; fits Cox track systems.

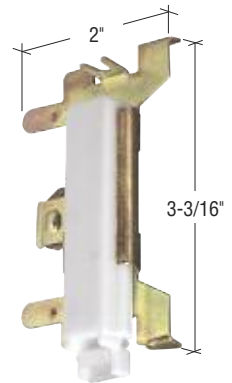


CAT. NO.	GUIDE	QTY/PKG
N6603	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Bottom Guide

Stamped steel Bottom Door Guide; nylon insert; fits Cox track systems. One left and one right per package. Nylon insert also available separately.



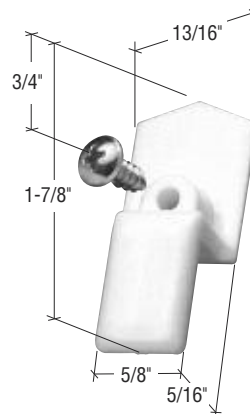
CAT. NO.	GUIDE	QTY/PKG
N6553	Nylon	2
N6555	Insert Only	2

Minimum order: 1 pack.

Left Hand Shown

CRL Wardrobe Door Bottom Guide

Nylon Bottom Guide; replaces old style guide made from stamped steel with nylon tip.

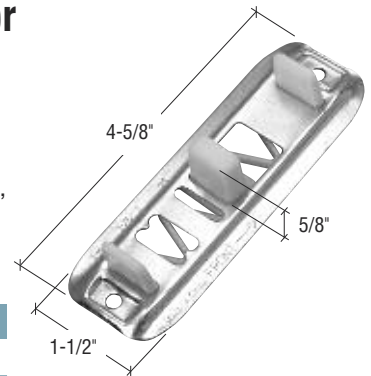


CAT. NO.	GUIDE	QTY/PKG
N6558	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Bottom Guide

Stamped steel Guide Base with adjustable nylon insert; fits 3/4" to 1-3/8" (19 to 35 mm) thick doors; used by Acme, Cox, and many other door systems.

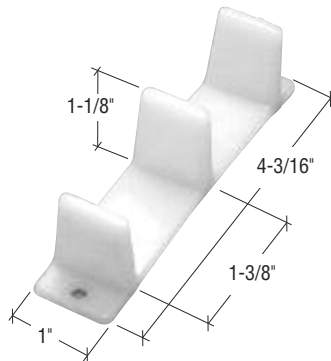


CAT. NO.	GUIDE	QTY/PKG
N6560	Nylon	2

Minimum order: 1 pack.

CRL Wardrobe Door Bottom Guide

Nylon Bottom Floor Guide; non-adjustable; designed for 1-3/8" (35 mm) thick doors; fits Acme, Cox, and many other door systems.

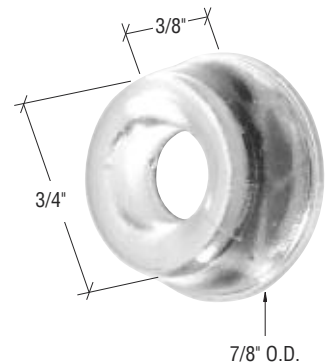


CAT. NO.	QTY/PKG
N6563	2

Minimum order: 1 pack.

CRL Door Bumper

Clear polyurethane, semi-hard Door Bumper has a self-adhesive backing or it can be screw mounted.



CAT. NO.	QTY/PKG
M6164	4

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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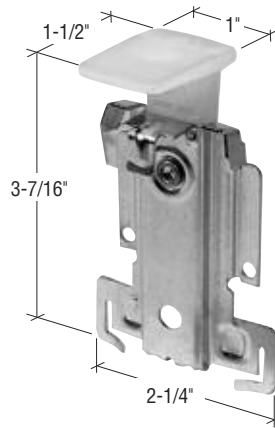
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CRL Wardrobe Door Top Guide

Nylon Top Guide; stamped steel snap-in housing for steel framed doors.

CAT. NO.	GUIDE	QTY/PKG
N6791	Nylon	2

Minimum order: 1 pack.

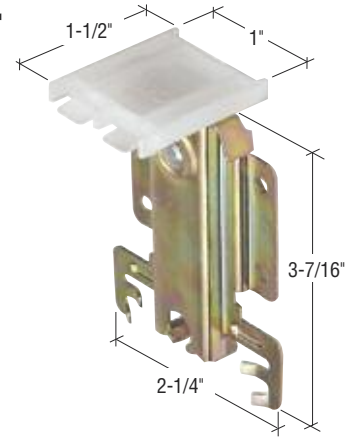


CRL Wardrobe Door Top Guide

Nylon Top Guide; stamped steel snap-in housing for steel framed doors.

CAT. NO.	GUIDE	QTY/PKG
N6821	Nylon	2

Minimum order: 1 pack.

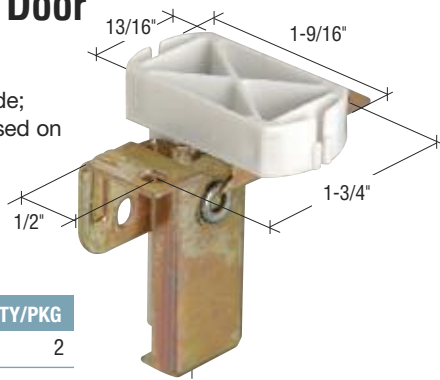


CRL Wardrobe Door Top Guide

White plastic head guide; screw mounted design used on Cox Series 29 doors.

CAT. NO.	GUIDE	QTY/PKG
N7072	Plastic	2

Minimum order: 1 pack.

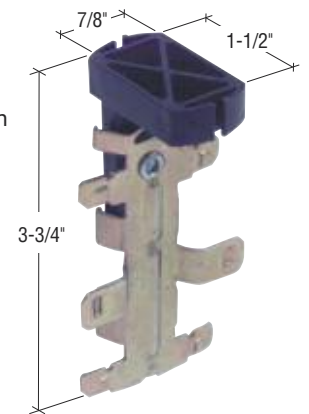


CRL Wardrobe Door Top Guide

Steel snap-in design housing with plastic guide head; used on Cox Series 21 steel door systems.

CAT. NO.	GUIDE	QTY/PKG
N6818	Plastic	2

Minimum order: 1 pack.

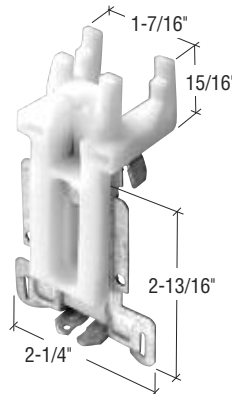


CRL Wardrobe Door Top Guide

Steel snap-in design housing with plastic guide head; used on Acme doors.

CAT. NO.	GUIDE	QTY/PKG
N6890	Plastic	2

Minimum order: 1 pack.

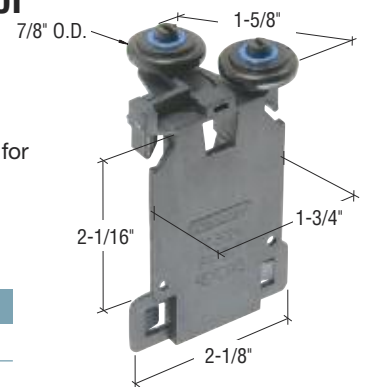


CRL Wardrobe Door Top Guide

Twin rubber guide rollers mounted horizontally on a stamped steel snap-in housing for steel framed doors.

CAT. NO.	ROLLERS	QTY/PKG
N6945	Rubber	1

Minimum order: 1 pack.

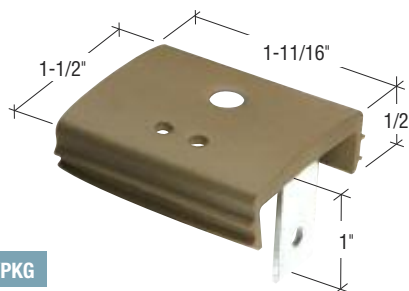


CRL Wardrobe Door Top Guide

Rubber Top Guide; stamped steel, screw-on bracket.

CAT. NO.	GUIDE	QTY/PKG
N6631	Rubber	2

Minimum order: 1 pack.

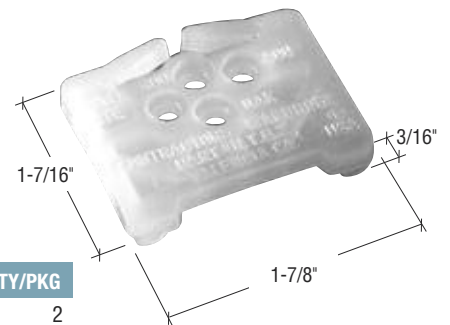


CRL Wardrobe Door Top Guide

Nylon Top Guide for sliding mirror doors; used on Contractors Wardrobe doors.

CAT. NO.	GUIDE	QTY/PKG
N6750	Nylon	2

Minimum order: 1 pack.



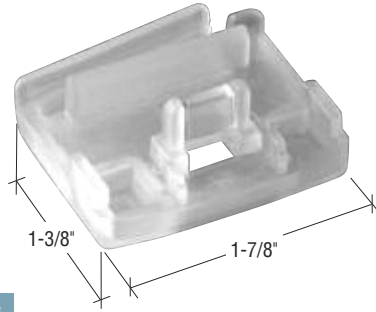
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CRL Wardrobe Door Top Guide

Plastic Top Guide for sliding mirror doors.

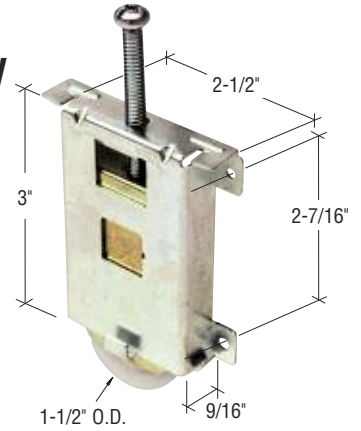


CAT. NO.	GUIDE	QTY/PKG
N7155	Plastic	2

Minimum order: 1 pack.

CRL Wardrobe Mirror Door Roller Assembly

Concave edge, nylon ball bearing roller; stamped steel adjustable bracket; fits Monarch Series "L" steel framed mirror doors.

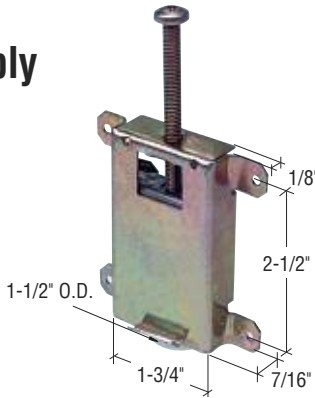


CAT. NO.	ROLLER	QTY/PKG
N6630	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Concave edge, nylon ball bearing roller; stamped steel adjustable bracket; popular for framed mirror doors.

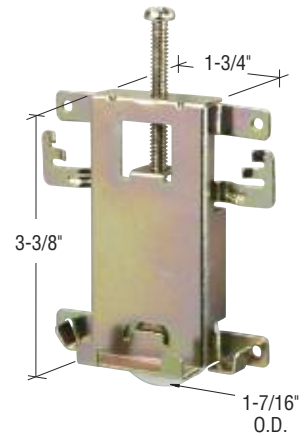


CAT. NO.	ROLLER	QTY/PKG
N6870	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Concave ball bearing nylon roller; stamped steel adjustable bracket; popular on mirrored wardrobe doors.

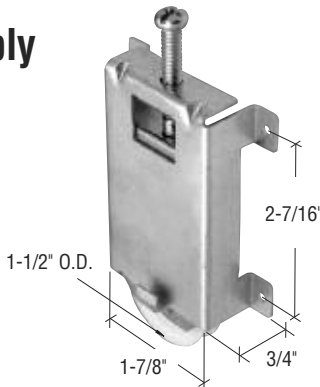


CAT. NO.	ROLLER	QTY/PKG
N6820	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Concave edge nylon ball bearing roller; stamped steel adjustable bracket; popular for framed mirror doors.

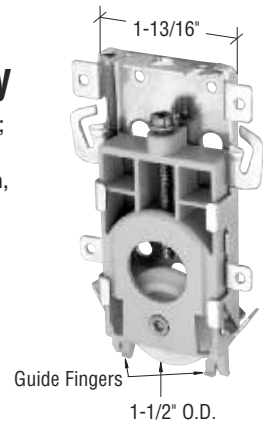


CAT. NO.	ROLLER	QTY/PKG
N6952	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Flat edge nylon ball bearing roller; stamped steel adjustable bracket; anti-jump feature which slides down, engaging the bottom track.



CAT. NO.	ROLLER	QTY/PKG
N7235	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Concave edge nylon ball bearing roller; stamped steel adjustable bracket; commonly used on wood framed mirror doors.



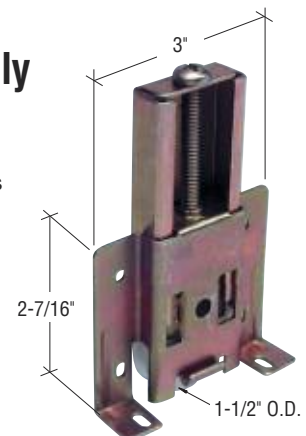
CAT. NO.	ROLLER	QTY/PKG
N6861	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Concave edge nylon non-ball bearing roller; stamped steel adjustable bracket; fits Cox Series 21 and 22 track systems.

NOTE: Original design had a narrower roller, which is no longer available.



CAT. NO.	ROLLER	QTY/PKG
N6817	Nylon	1

Minimum order: 1 pack.

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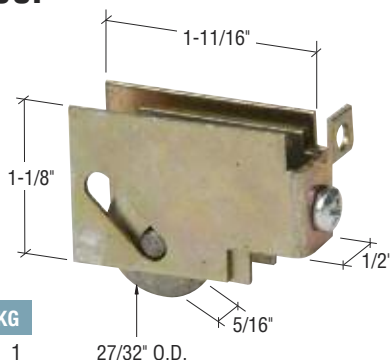
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CRL Wardrobe Door Roller Assembly

Steel ball bearing roller; adjustable steel housing assembly; fits Manufacturers Mirror Door and House of Aluminum.

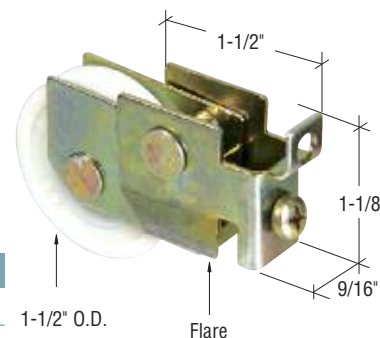


CAT. NO.	ROLLER	QTY/PKG
N6575	Steel B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing assembly; overall width at flare is 11/16"; fits on Crest Mirror Door, Manufacturers Mirror Door, and others.

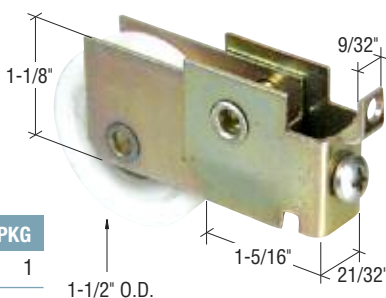


CAT. NO.	ROLLER	QTY/PKG
N7068	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing; narrow mounting tab.

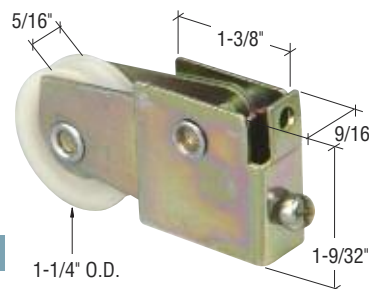


CAT. NO.	ROLLER	QTY/PKG
N7125	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing wheel; adjustable roller housing; fits on Glassco and other manufacturers.

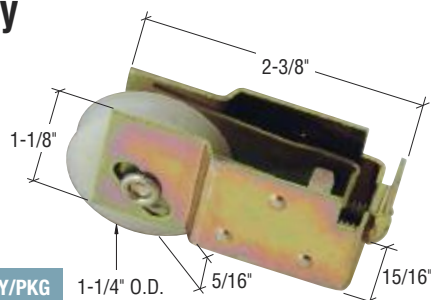


CAT. NO.	ROLLER	QTY/PKG
N6569	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing assembly.

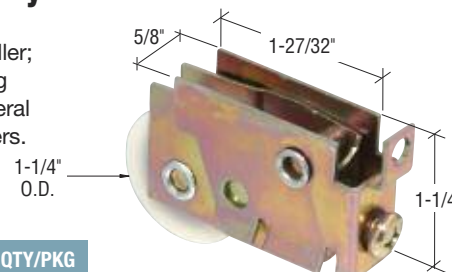


CAT. NO.	ROLLER	QTY/PKG
N6571	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing assembly; used by several glass door manufacturers.

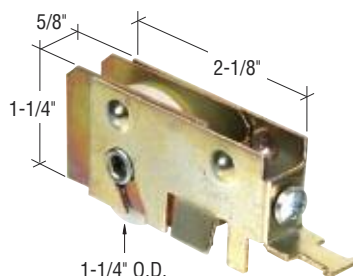


CAT. NO.	ROLLER	QTY/PKG
N7076	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing assembly; fits on Bay King and other door manufacturers.

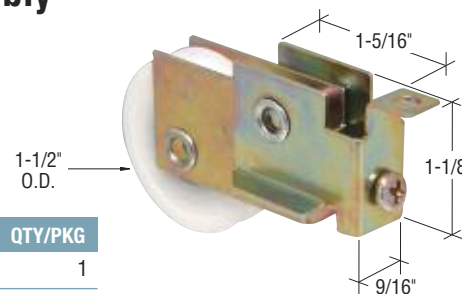


CAT. NO.	ROLLER	QTY/PKG
N6965	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing; 1-1/16" wide at flare.



CAT. NO.	ROLLER	QTY/PKG
N7128	Nylon B.B.	1

Minimum order: 1 pack.

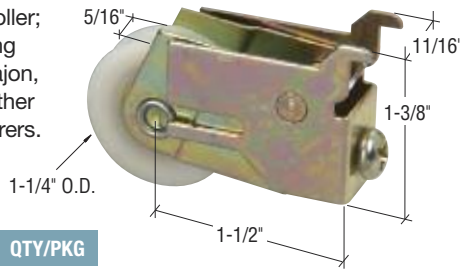
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CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable steel housing assembly; fits on El Cajon, Premier, and several other mirror door manufacturers.

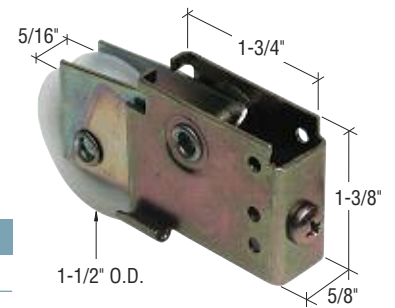


CAT. NO.	ROLLER	QTY/PKG
N6570	Nylon B.B.	1

Minimum order: 1 pack.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable stamped steel housing; fits on Marshall brand doors.

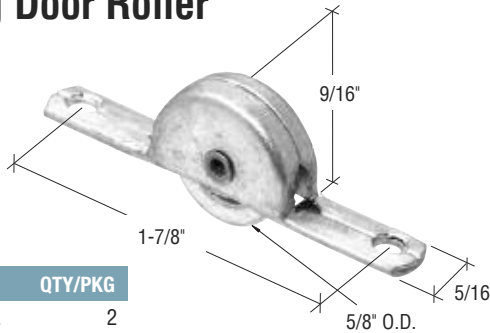


CAT. NO.	ROLLER	QTY/PKG
N6576	Nylon B.B.	1

Minimum order: 1 pack.

CRL Sliding Door Roller

Concave ball bearing roller; steel housing.

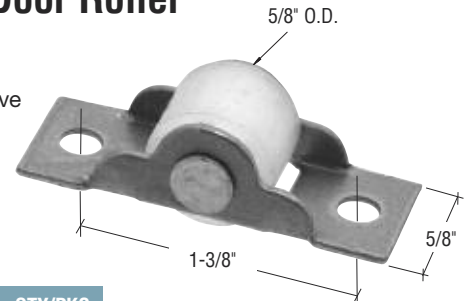


CAT. NO.	ROLLER	QTY/PKG
N7064	Steel B.B.	2
N7143	Nylon B.B.	2

Minimum order: 1 pack.

CRL Sliding Door Roller

Nylon roller; steel housing; fits 5/8" groove in door rail; mortise installation.

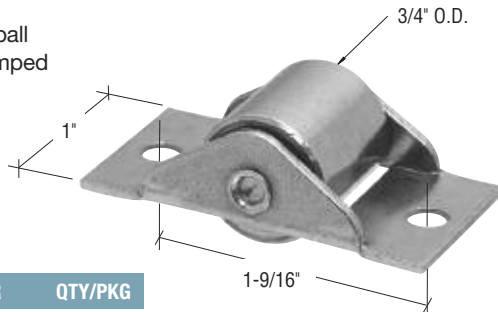


CAT. NO.	ROLLER	QTY/PKG
N6676	Nylon	2

Minimum order: 1 pack.

CRL Sliding Door Roller

Steel flat edge ball bearing roller; stamped steel bracket.

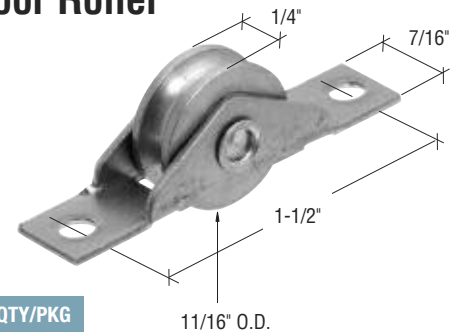


CAT. NO.	ROLLER	QTY/PKG
N6679	Steel B.B.	2

Minimum order: 1 pack.

CRL Sliding Door Roller

Steel concave roller with solid steel axle; stamped steel bracket.

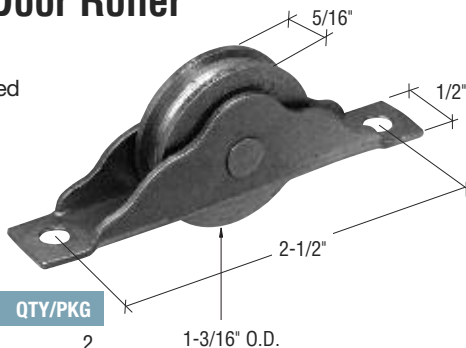


CAT. NO.	ROLLER	QTY/PKG
N6684	Steel	2

Minimum order: 1 pack.

CRL Sliding Door Roller

Steel concave roller with solid axle; stamped steel bracket.

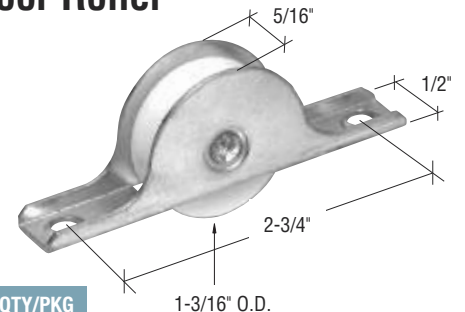


CAT. NO.	ROLLER	QTY/PKG
N6686	Steel	2

Minimum order: 1 pack.

CRL Sliding Door Roller

Flat edge nylon ball bearing roller; stamped steel bracket.



CAT. NO.	ROLLER	QTY/PKG
N7146	Nylon B.B.	2

Minimum order: 1 pack.

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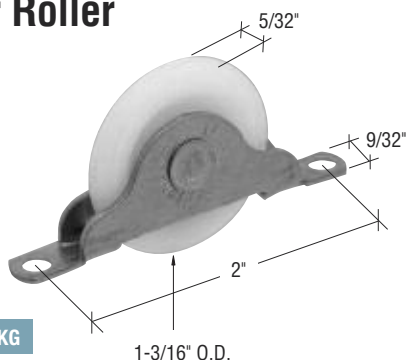
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CRL Sliding Door Roller

Round edge nylon ball bearing roller; stamped steel bracket; very thin design for narrow doors.

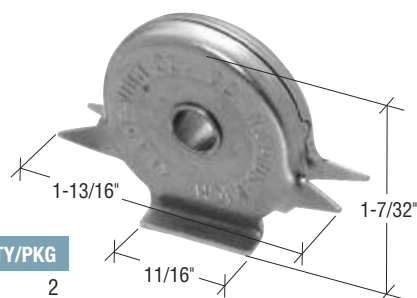


CAT. NO.	ROLLER	QTY/PKG
N6690	Nylon B.B.	2

Minimum order: 1 pack.

CRL Sliding Door Roller

Flat steel ball bearing roller; stamped steel housing; designed to be mortise mounted into a wood frame.

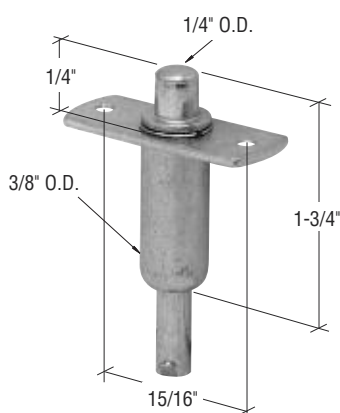


CAT. NO.	ROLLER	QTY/PKG
N6682	Steel B.B.	2

Minimum order: 1 pack.

CRL Bi-Fold Door Top Pivot

Top mount spring loaded steel Pivot Pin for wood bi-folding doors and shutters.

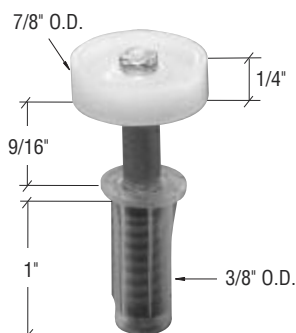


CAT. NO.	QTY/PKG
N6612	2

Minimum order: 1 pack.

CRL Bi-Fold Door Top Guide Roller

Top mount spring loaded nylon Guide Roller; fits wood bi-folding doors 1" to 1-3/8" (25 to 35 mm) thick; used by several door manufacturers.

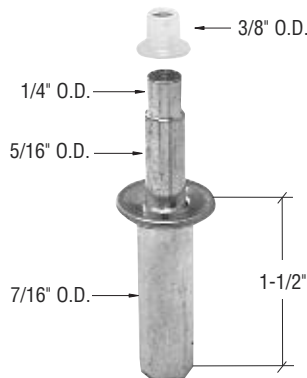


CAT. NO.	ROLLER	QTY/PKG
N6703	Nylon	2

Minimum order: 1 pack.

CRL Bi-Fold Door Top Pivot

Top mount spring loaded steel Pivot Pin for wood and steel bi-folding doors; includes optional nylon cap for top guide applications; fits on Acme and Cox track systems.

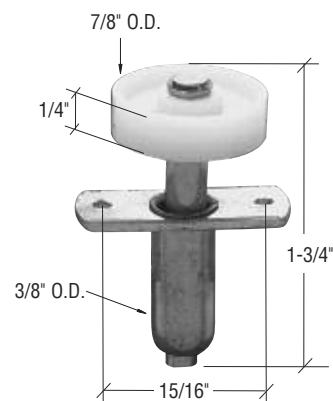


CAT. NO.	QTY/PKG
N6545	2

Minimum order: 1 pack.

CRL Bi-Fold Door Top Guide Roller

Top mount spring loaded nylon Guide Roller; fits bi-folding doors 1" to 1-3/8" (25 to 35 mm) thick, and up to 30 lbs. (14 kg).

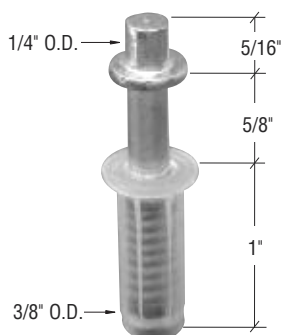


CAT. NO.	ROLLER	QTY/PKG
N6614	Nylon	2

Minimum order: 1 pack.

CRL Bi-Fold Door Top Pivot

Top mount spring loaded steel Pivot Pin with 3/8" diameter nylon base for wood bi-folding doors; used by many wardrobe door manufacturers.

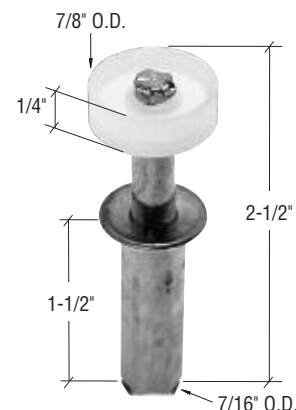


CAT. NO.	QTY/PKG
N6700	2

Minimum order: 1 pack.

CRL Bi-Fold Door Top Guide Roller

Top mount spring loaded nylon Guide Roller; fits bi-folding doors 1" to 1-3/8" (25 to 35 mm) thick, and up to 30 lbs. (14 kg); fits on Acme and Cox doors.



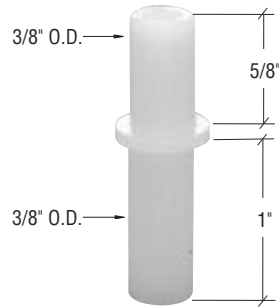
CAT. NO.	ROLLER	QTY/PKG
N6544	Nylon	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Bi-Fold Door Top Pivot and Guide

Nylon guide and pivot; 3/8" diameter base; used by many wardrobe door manufacturers.

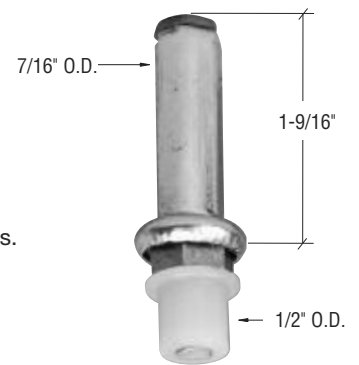


CAT. NO.	QTY/PKG
N6672	4

Minimum order: 1 pack.

CRL Bi-Fold Door Guide Wheel

Top or bottom mount, spring loaded steel Guide Pin; 1/2" diameter nylon guide cap; 7/16" diameter steel base; for guiding the lead edge of bi-folding doors; fits some Acme door track systems.

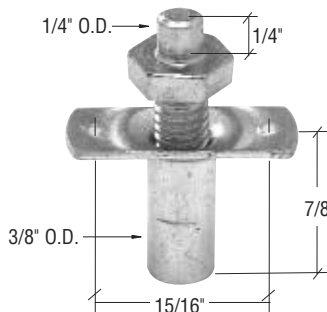


CAT. NO.	QTY/PKG
N6547	2

Minimum order: 1 pack.

CRL Bi-Fold Door Bottom Pivot

3/8" diameter steel base with a 1/4" steel pivot pin; hex head bolt for quick vertical adjustment; fits on bi-fold doors 1" to 1-3/8" (25 to 35 mm) thick and up to 30 lbs. (13 kg) each.

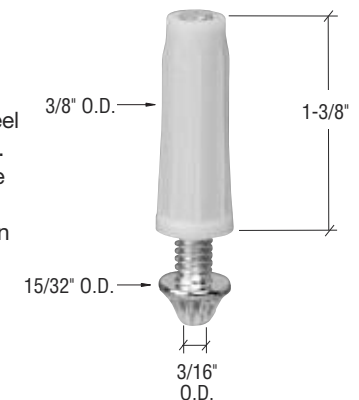


CAT. NO.	QTY/PKG
N6613	2

Minimum order: 1 pack.

CRL Bi-Fold Door Bottom Pivot

Adjustable steel Bottom Pivot; 3/8" diameter nylon sleeve; the steel pivot is cone shaped with grooves. The matching jamb bracket can be special ordered by asking for N6674. This pivot design has been used by several wood bi-fold door manufacturers.

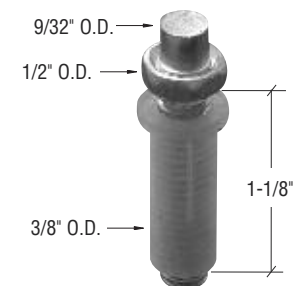


CAT. NO.	QTY/PKG
N6673	2

Minimum order: 1 pack.

CRL Bi-Fold Door Bottom Pivot

Bottom Door Pivot has an adjustable 3/8" diameter O.D. nylon base with a 9/32" O.D. pin; used by many wardrobe door manufacturers.

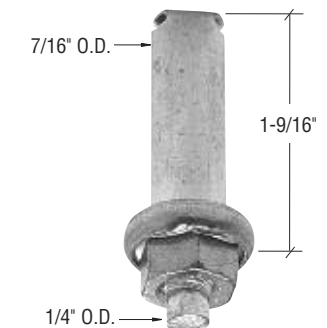


CAT. NO.	QTY/PKG
N6706	2

Minimum order: 1 pack.

CRL Bi-Fold Door Bottom Pivot

Bottom mount steel pivot with hex head bolt for vertical adjustment; fits 1" to 1-3/8" (25 to 35 mm) thick bi-fold doors up to 50 lbs. (22 kg) each; fits on Acme and Cox.



CAT. NO.	QTY/PKG
N6546	2

Minimum order: 1 pack.

CRL Bi-Fold Door Bottom Pivot

Adjustable bottom mount nylon sleeve with steel pin; used on commercial bi-fold doors.

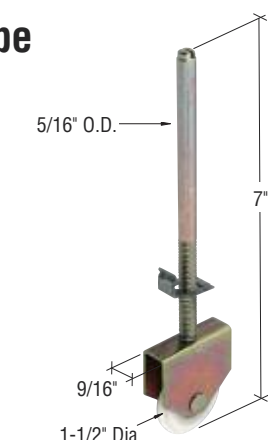


CAT. NO.	QTY/PKG
N7299	2

Minimum order: 1 pack.

CRL Sliding Wardrobe Door Roller

Nylon convex edge non-ball bearing wheel; stamped steel bracket and threaded adjustment rod.



CAT. NO.	QTY/PKG
N6988	1

Minimum order: 1 pack.

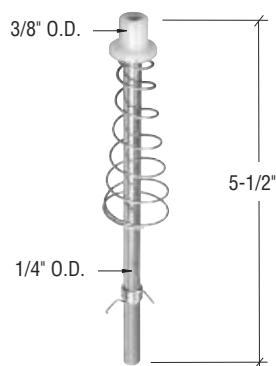
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Bi-Fold Door Top Guide Pin

Steel guide pin, nylon cap and steel spring for bi-folding wardrobe doors.

CAT. NO.	QTY/PKG
N6638	1

Minimum order: 1 pack.

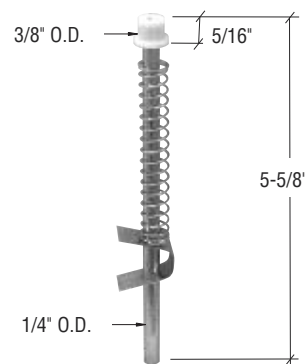


CRL Bi-Fold Door Top Guide Pin

Steel guide pin, nylon cap and steel spring for bi-folding wardrobe doors.

CAT. NO.	QTY/PKG
N6729	1

Minimum order: 1 pack.

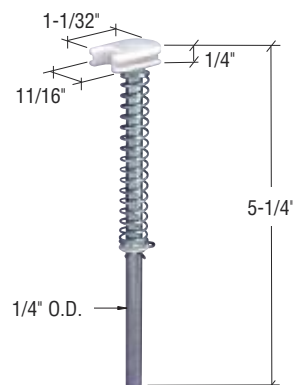


CRL Bi-Fold Door Top Guide Pin

Steel guide pin, nylon cap and steel spring for bi-folding wardrobe doors.

CAT. NO.	QTY/PKG
N6733	1

Minimum order: 1 pack.

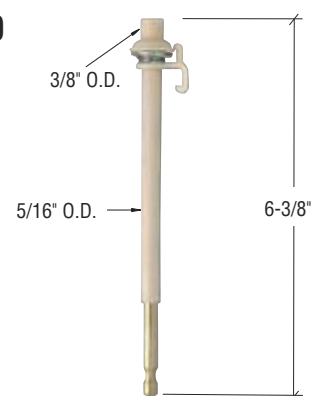


CRL Bi-Fold Door Top Pivot and Guide Pin

Steel top pivot, top and bottom guide pin; spring loaded with nylon sleeve and cap.

CAT. NO.	QTY/PKG
N6637	1

Minimum order: 1 pack.

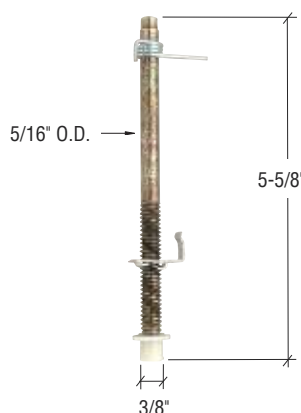


CRL Bi-Fold Door Bottom Pivot Pin

Steel bottom threaded Pivot Pin; nylon cap for bi-folding wardrobe doors.

CAT. NO.	QTY/PKG
N6639	1

Minimum order: 1 pack.

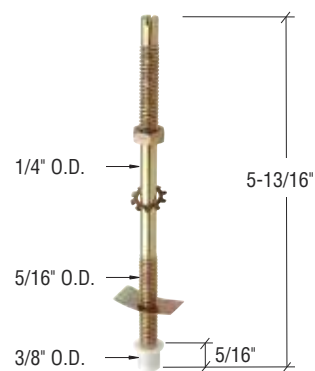


CRL Bi-Fold Door Bottom Pivot Pin

Steel bottom threaded Pivot Pin; nylon cap for bi-folding wardrobe doors.

CAT. NO.	QTY/PKG
N6730	2

Minimum order: 1 pack.

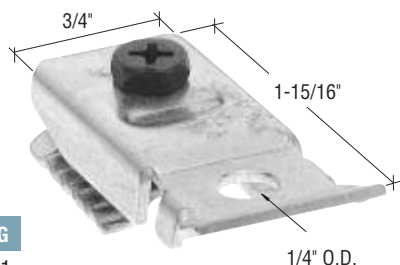


CRL Bi-Fold Door Top Pivot Bracket

Adjustable steel bracket; 1/4" (6.3 mm) diameter pivot hole; mounted into top track; used on Acme 2900 Series doors.

CAT. NO.	QTY/PKG
N6606	1

Minimum order: 1 pack.

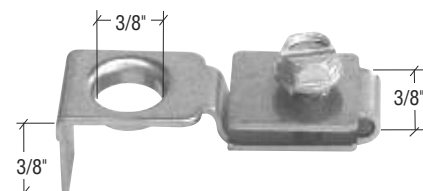


CRL Bi-Fold Door Pivot Bracket

Adjustable stamped steel bracket; 3/8" (9.5 mm) pivot hole; can be mounted into either the top or bottom track on Slimfold and other wardrobe doors.

CAT. NO.	QTY/PKG
N6640	1

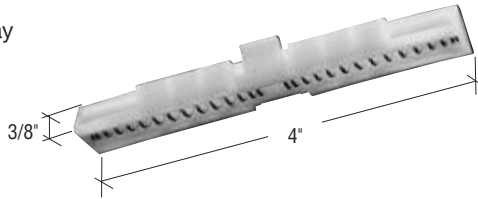
Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Bi-Fold Door Top Guide

Top mount, two-way spring snagger; steel springs with nylon retainer; fits 1" to 1-3/8" (25 to 35 mm) thick bi-fold doors when opening or closing; fits on Acme.

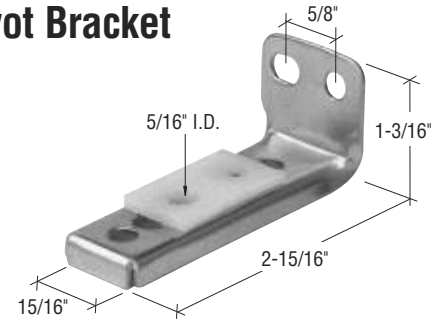


CAT. NO.	QTY/PKG
N6539	2

Minimum order: 1 pack.

CRL Bottom Pivot Bracket

Adjustable stamped steel bracket; floor/jamb mounting; self-lubricating nylon bushing; for 1" to 1-3/8" thick folding doors up to 50 lbs. (22 kg) each; fits on Acme.

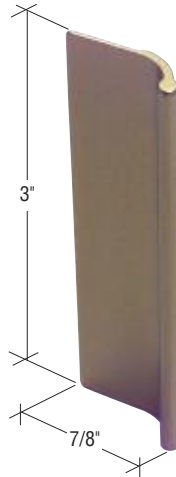


CAT. NO.	QTY/PKG
N6543	1

Minimum order: 1 pack.

CRL 7/8" Sliding Mirror Door Pull

Extruded aluminum Pull with either plated or painted finish; supplied with adhesive strip backing for quick mounting to mirror.

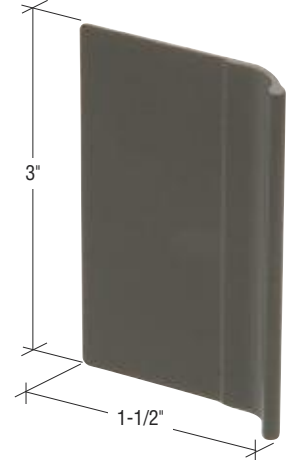


CAT. NO.	FINISH	QTY/PKG
N6968	Polished Gold	1
N6969	Chrome	1
N6970	Bronze	1
N6971	White	1

Minimum order: 1 pack.

CRL 1-1/2" Sliding Mirror Door Pull

Extruded aluminum Pull with pressure sensitive adhesive backing for easy and secure attachment to the glass surface of the door.



CAT. NO.	FINISH	QTY/PKG
N6974	Bronze	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

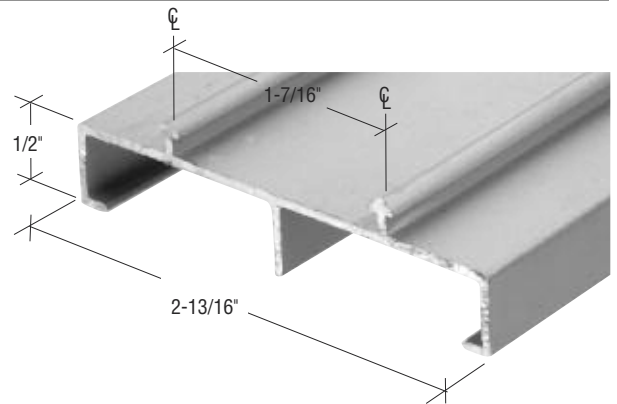
CRL Mirror Door Track

- Heavy Gauge Extruded Aluminum
- Two Anodized Finishes

Heavy extruded aluminum replacement Mirror Door Bottom Track fits on a variety of door systems, including Monarch and Contractors Wardrobe.

CAT. NO.	LENGTH	FINISH
TH101S	12' (3.66 m)	Satin Anodized
TH101SG	12' (3.66 m)	Satin Gold Anodized

Minimum order: 1 each. Stock lengths longer than 98" (2.49 m) must ship via common carrier.
All Mirror Door Track can be combined for quantity pricing.



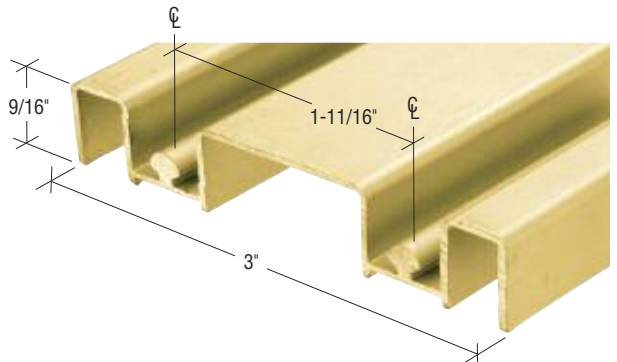
CRL Mirror Door Track

- Heavy Gauge Extruded Aluminum
- Two Anodized Finishes

Heavy extruded aluminum replacement Mirror Door Bottom Track fits Contractors Wardrobe door system.

CAT. NO.	LENGTH	FINISH
TH105BG	12' (3.66 m)	Brite Gold Anodized
TH105BRZ	12' (3.66 m)	Bronze Anodized

Minimum order: 1 each. Stock lengths longer than 98" (2.49 m) must ship via common carrier.
All Mirror Door Track can be combined for quantity pricing.



4

Window Hardware

- CASEMENT, AWNING, AND LOUVER WINDOW OPERATORS
- SLIDING WINDOW ROLLERS, GUIDES, AND LATCHES
- WINDOW SECURITY HARDWARE
- SASH BALANCES
- WINDOW GLAZING VINYL
- STORM WINDOW HARDWARE
- BEL-AIR WINDOWS
- WINDOW TRIM AND GRIDS
- WINDOW FILM
- HOLLOW METAL TUBES AND DIVISION BARS

See other side for Section Index.

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SECTION 4 INDEX

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CRL SASH BALANCE WAREHOUSE

CRL Overhead Window Block and Tackle Sash Balances

See page 1038

In addition to the popular "TC" Series Overhead Balances, which has been popular for years, CRL now offers the "TC" Series, available with either a single spring or a double spring for even more heavy-duty applications.

Special Order Program

The CRL Special Order Sash Balance program dramatically increases the number of styles and sizes of Sash Balances available. It accomplishes the goal each user desires on the following pages has helpful information to assist with selecting the right Sash Balance for your application. The program also allows you to customize your Sash Balance to meet your needs for certain features that these parts are not designed, and need to be specially sized. Call us at 1-800-441-4444 or visit our website www.crl.com on the Navigation Menu button titled "Request a Quote".

For more info call 800.441.4444 or 414.441.4444 or visit our website at www.crl.com or 2251 58th Street, Northbrook, IL 60062 and ask for the Special Customer Department. Shipping times will vary depending on the type of Balance.

3/8" Diameter Spiral Balances

See page 1039-1040

Available in the set and full balling configurations currently available, we now offer the new 3/8" Series Double Spring TC Series Sash Balances, which have one of our four hook styles attached over the end of the wire. The new available in 20" and 24" balling configurations, with 14" and 18" balling on the side. The "Special Order" program is available at 10" and 12" balling on the side, as well as, only available through the "Special Order" program. When ordering the 3/8" TC Series always take balling into consideration and provide an additional drawing. Please refer to page 1039 for a more detailed description.

9/16" Diameter Spiral Balances

See page 1040

For most balling configurations are currently stocked and available for immediate shipment. Once placed, 9/16" Series Sash Balances are now also available through the "Special Order" program. CRL currently stocks only metal ball Sash Balances. Plastic ball Sash Balances are available only by special order. The most popular TC Series Sash Balances are available in 20" and 24" balling on the side. Please refer to page 1040 for a more detailed description.

1 1/8" Diameter Spiral Balances

See page 1039

"TC" Series Balances with all the aforementioned ball are now available through the "Special Order" program in both 20" and 24" balling sizes and plastic balls.

Specialty Sash Balances

See page 1039

"TC" Series Balances with all the aforementioned ball are now available through the "Special Order" program in both 20" and 24" balling sizes and plastic balls.

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US ALUMINUM

CRL Casement Window Hardware Selection Guide

Welcome to the Casement Window Hardware section of the CRL83R Door and Window Hardware Catalog. This section of the catalog has been arranged by part categories that will help make it easier for you to find what you need from the many Casement Window Operator styles available. **NOTE:** CRL Window Hardware is handed left or right from an interior viewpoint looking out to the exterior.

Operators:



Metal Frame Windows
See pages 415W-416W



Wood and Vinyl Frame Windows
See pages 417W-418W, 436W-437W



EntryGard® and Dyad
See pages 419W-420W



Lever Type Awning Operators
See page 421W



Roto-Gear Hardware
See page 422W



Maxim
See page 423W



Pro-Drive and Roto-Drive
See page 435W



Multi Lite Awning Operators
See page 454W

Operator Body Styles and Mounting Types:

Single Arm and Split Arm Operators come in two body styles and two mounting types. Consider the following when choosing a replacement operator of this type: First, does the base with gears have a removable cover? Surface Mount Operators are held onto the jamb with screws going into the jamb vertically, while Face Mount Operators are mounted with screws going into the housing horizontally. Second, determine whether the Face Mount Operator has through mounting holes, or if the holes blind tapped from the backside of the base. **NOTE:** Screws are often included with your new Operator. CRL picks the most common mounting screw used, however, Operators are mounted on all types of window frames, including wood, vinyl, aluminum, and steel. Extra mounting screws are the responsibility of the installer.

Link Arms:

Dual Arm or Dyad Type Operators are made with a variety of link arm configurations. To properly identify your replacement Operator, consider the following: First, choose the appropriate type of Operator, and then measure the short link arm length. Second, does the link arm have an offset or bend, either up or down, or is it just flat (no offset). Lastly, is there an attachment, or slide clip? If yes, the clip could be on the top of the arm or on the underside.

Operator Arm Length:

CRL measures Operator arms from the center of the pivot point on the body to the center of the pivot button, roller, or guide.

Operator Spline Size:

Crank Handles and T-Handles are both available with the most common spline sizes: 5/16", 3/8", and 11/32". Less common 9/32" spline size is available in T-Handles only.

Accessories:



Casement Tracks
See page 433W



Handles
See pages 437W-440W



Casement Locks
See pages 441W-452W



Awning Hardware
See pages 455W-457W

Pull Lever Operators:

CRL stocks Left Handed Pull Lever Operators, meaning that when the window is closed the lever points to the left (when viewed from the inside). Right Hand Pull Lever Operators are available only by special order. The 23-1/4" Pull Operator, Cat. No. EP23070 on page 421W, is available in two escutcheon projections. If the original Operator had a removable escutcheon, this rare Operator needs to be special ordered.

Roto Gear Operators:

Available with closed arms in either Single Sash Pull or Dual Sash Pull styles. Also available from stock are Open Arm Dual Pull Operators, Guide Bar Tracks, and Shoe Brackets.

Casement Hinges:

Four-Bar Hinges: Choose between steel and stainless steel. Aluminum Hinges are available only by special order. Four-Bar Hinges are non-handed, and available in both standard duty and heavy-duty types. Since they both look the same, carefully measure the width of the bars. Standard duty bars measure 1/2", and heavy-duty bars measure 5/8".

CRL now stocks 90 degree opening Casement Window Hinges in stainless steel only. **NOTE:** Although these Hinges offer complete vent opening, they are not considered "Egress" Hinges. Egress Hinges are available only by special order.

Awning Window Hinges:

CRL now stocks Awning Window Hinges in four lengths, and one Concealed Casement Hinge. Both types of Hinges are offered in pairs, one left and one right per package. Friction Adjusters and Limit Devices are also stocked and ready for immediate shipment.

CRL Metal Casement Operators

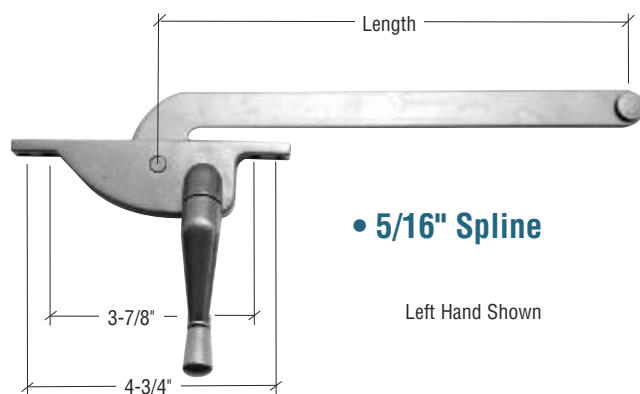
- Teardrop or Square Back Style Fit Most Metal Casement Windows
- Arm Lengths: 6", 7", 8", 9"
(152, 178, 203, 228 mm)
- Available in Aluminum, Bronze, and White
- Crank Handle and Fasteners Included

Our most popular Casement Operators can be used on most metal casements, and now come in three finishes: aluminum, bronze, and white. Operator body and crank handle are made from die cast zinc, while the gear arm is stamped steel. Each Operator includes mounting screws.

When measuring the arm length, always measure from the center of the Operator body at the pivot point to the center of the pivot at the end of the arm. These Operators have solid steel pivots which match CRL Cat. No. H3529 Casement Track shown on page 433W. In rare cases it may be necessary to replace the track if the old casement had a roller pivot or brass slide.

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

Teardrop Type Operator



9" TEARDROP TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5009LHAL	5009RHAL	Aluminum
5009LHBRZ	5009RHBRZ	Bronze
H3708	H3709	White

Minimum order: 1 each.

8" TEARDROP TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5008LHAL	5008RHAL	Aluminum
5008LHBRZ	5008RHBRZ	Bronze

Minimum order: 1 each.

7" TEARDROP TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5007LHAL	5007RHAL	Aluminum
5007LHBRZ	5007RHBRZ	Bronze

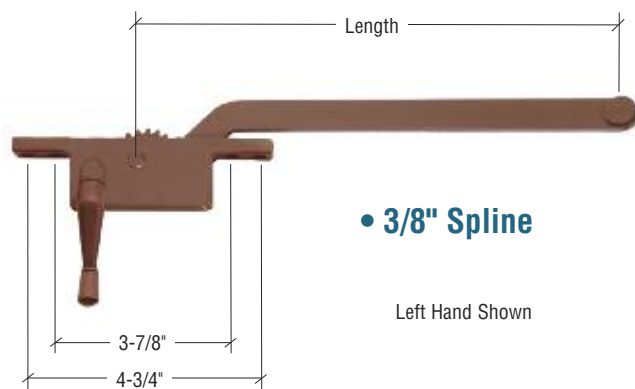
Minimum order: 1 each.

6" TEARDROP TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
H3581	H3582	Aluminum
H3583	H3584	Bronze

Minimum order: 1 each.

Square Back Type Operator



9" SQUARE BACK TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5259LHAL	5259RHAL	Aluminum
5259LHBRZ	5259RHBRZ	Bronze
H3710	H3711	White

Minimum order: 1 each.

8" SQUARE BACK TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5258LHAL	5258RHAL	Aluminum
5258LHBRZ	5258RHBRZ	Bronze

Minimum order: 1 each.

7" SQUARE BACK TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5257LHAL	5257RHAL	Aluminum
5257LHBRZ	5257RHBRZ	Bronze

Minimum order: 1 each.

6" SQUARE BACK TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
H3585	H3586	Aluminum
H3587	H3588	Bronze

Minimum order: 1 each.

All packs of Replacement Hardware can be combined for quantity pricing.

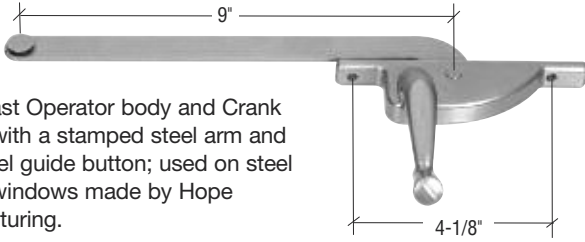
CRL CASEMENT WINDOW HARDWARE

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Hope Operator

Die cast Operator body and Crank Handle with a stamped steel arm and solid steel guide button; used on steel framed windows made by Hope Manufacturing.



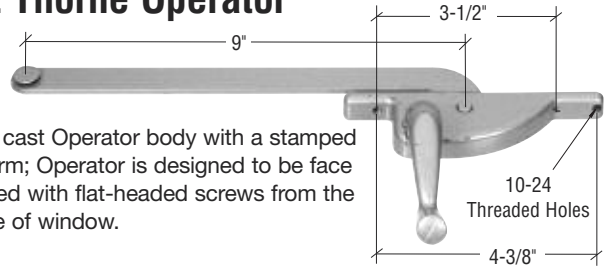
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WCM584	WCM583	Aluminum	1

Minimum order: 1 each.

Right Hand Shown

CRL Thorne Operator

Die cast Operator body with a stamped steel arm; Operator is designed to be face mounted with flat-headed screws from the outside of window.



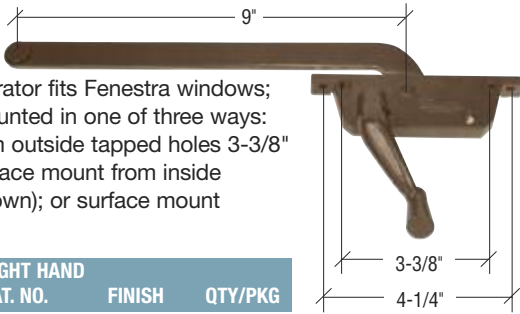
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WCM628LH	WCM628RH	Aluminum	1

Minimum order: 1 each.

Right Hand Shown

CRL Fenestra Operator

Die cast Operator fits Fenestra windows; designed to mounted in one of three ways: face mount from outside tapped holes 3-3/8" (86 mm) apart; face mount from inside (dimensions shown); or surface mount from the top.



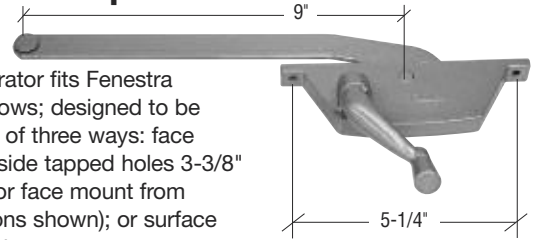
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WCM1569	WCM1568	Bronze	1

Minimum order: 1 each.

Right Hand Shown

CRL Fenestra Operator

Die cast Operator fits Fenestra residential windows; designed to be mounted in one of three ways: face mount from outside tapped holes 3-3/8" (86 mm) apart; or face mount from inside (dimensions shown); or surface mount from the top.



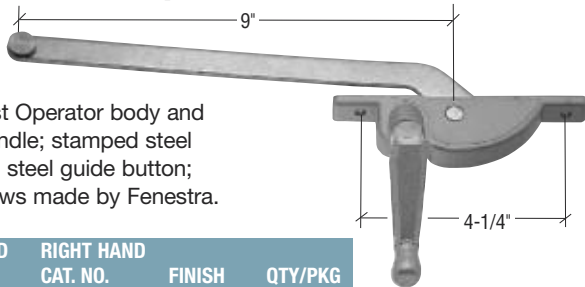
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WCM1420LH	WCM1420RH	Aluminum	1

Minimum order: 1 each.

Right Hand Shown

CRL Fenestra Operator

Die cast Operator body and Crank Handle; stamped steel arm; solid steel guide button; fits windows made by Fenestra.



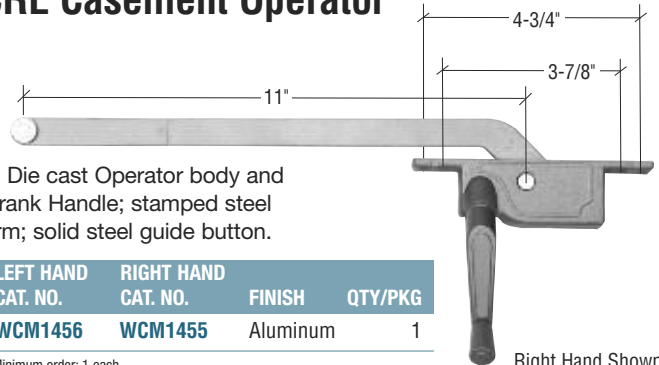
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WCM586	WCM585	Aluminum	1

Minimum order: 1 each.

Right Hand Shown

CRL Casement Operator

Die cast Operator body and Crank Handle; stamped steel arm; solid steel guide button.



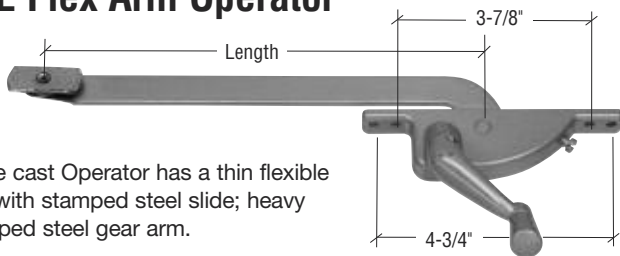
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WCM1456	WCM1455	Aluminum	1

Minimum order: 1 each.

Right Hand Shown

CRL Flex Arm Operator

Die cast Operator has a thin flexible arm with stamped steel slide; heavy stamped steel gear arm.



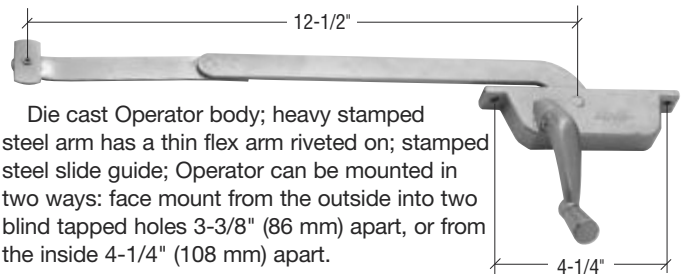
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	LENGTH	FINISH	QTY/PKG
WCM521	WCM520	9"	Aluminum	1
WCM505L	WCM505R	13"	Aluminum	1

Minimum order: 1 each.

Right Hand Shown

CRL Flex Arm Operator

Die cast Operator body; heavy stamped steel arm has a thin flex arm riveted on; stamped steel slide guide; Operator can be mounted in two ways: face mount from the outside into two blind tapped holes 3-3/8" (86 mm) apart, or from the inside 4-1/4" (108 mm) apart.



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
56FLH	56FRH	Aluminum	1

Minimum order: 1 each.

Right Hand Shown

All packs of Replacement Hardware can be combined for quantity pricing.



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ALUMINUM

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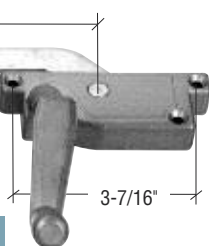
NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Wood Casement Operator

Die cast Operator body and Crank Handle; three mounting holes for wood framed surface mount applications.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H3524	H3525	Aluminum	1
H3526	H3527	Bronze	1

Minimum order: 1 each.



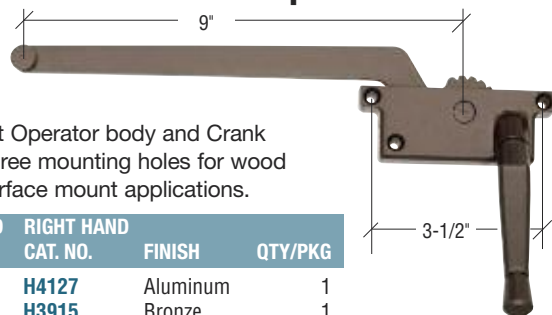
Right Hand Shown

CRL Wood Casement Operator

Die cast Operator body and Crank Handle; three mounting holes for wood framed surface mount applications.

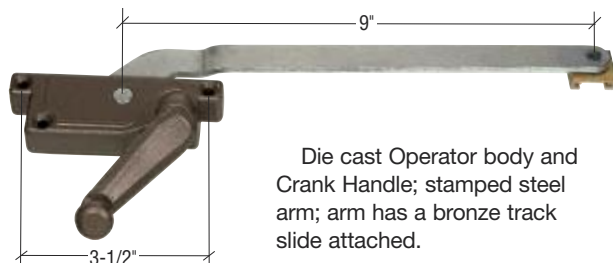
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4126	H4127	Aluminum	1
H3914	H3915	Bronze	1

Minimum order: 1 each.



Right Hand Shown

CRL Casement Operator



Die cast Operator body and Crank Handle; stamped steel arm; arm has a bronze track slide attached.

CAT. NO.	HANDING	FINISH	QTY/PKG
WCM572	Left	Dark Bronze	1

Minimum order: 1 each.

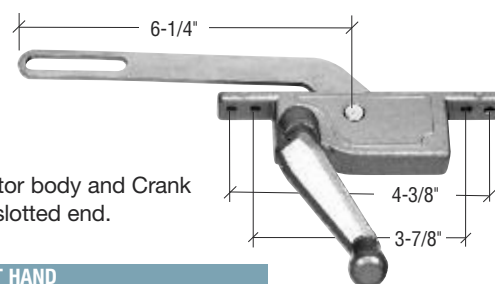
Left Hand Only Available

CRL Casement Operator

Die cast Operator body and Crank Handle; arm has slotted end.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WCM569LH	WCM569RH	Aluminum	1

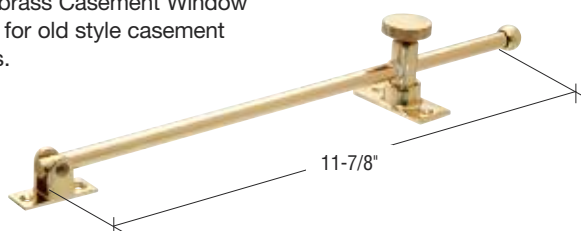
Minimum order: 1 each.



Right Hand Shown

CRL Wood Casement Hold Open Bar

Solid brass Casement Window Adjuster for old style casement windows.

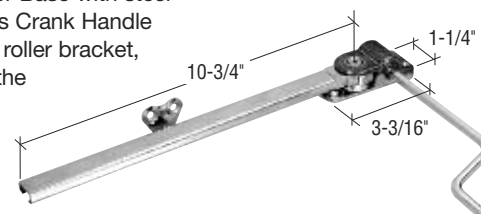


CAT. NO.	HANDING	FINISH	QTY/PKG
H4102	Non-Handed	Brass	1

Minimum order: 1 each.

CRL Wood Casement Operator

Die cast Operator Base with steel Track Arm; Includes Crank Handle and stamped steel roller bracket, which attaches to the face of the sash.



CAT. NO.	HANDING	FINISH	QTY/PKG
H3528	Non-Handed	Zinc Plated	1
H3687	Non-Handed	Brass	1

Minimum order: 1 each.

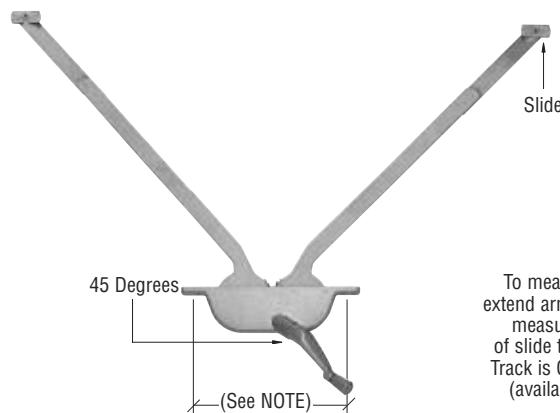
See page 440W for
Cat. No. H3575 Crank Handle
(available separately).

CRL Dual Arm Casement Operator

• Custom Made to Your Order

Die cast Operator body; stamped steel arms with thin spring steel flex arms and rectangular track slides at the end of each arm. Due to the wide range of arm widths this Operator is not stocked, but only made to special order.

NOTE: Specify outer mounting hole center-to-center width as either 6-1/2" or 7-5/16" (165 or 186 mm), and whether the Crank Handle comes straight out of the body, or is angled 45 degrees to the right, as shown.



All packs of Replacement Hardware can be combined for quantity pricing.

To measure arm width, extend arms completely and measure from center of slide to center of slide. Track is Cat. No. WCM770 (available separately).

CRL CASEMENT WINDOW HARDWARE

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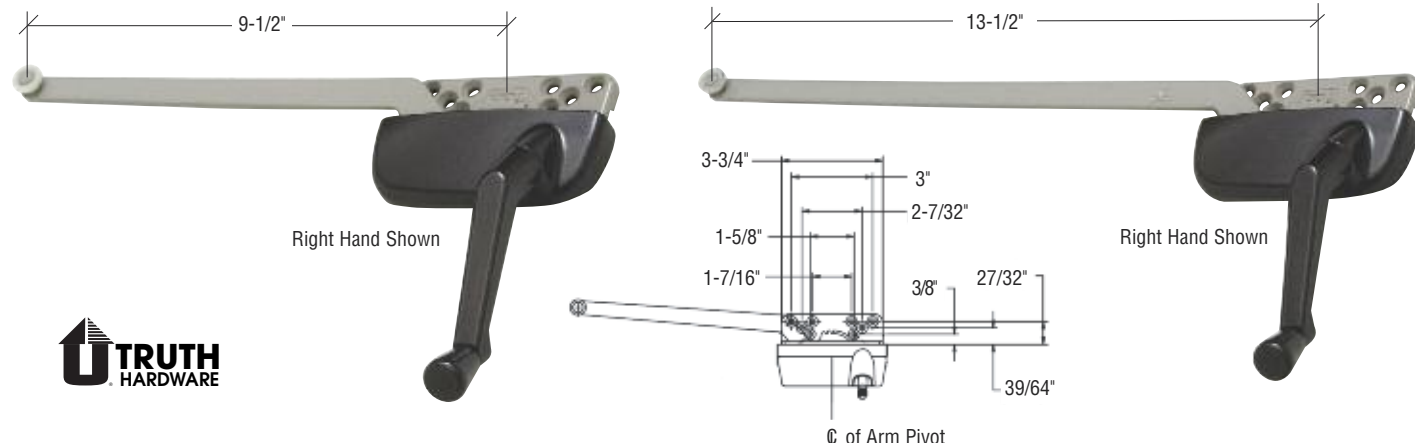
CRL Truth Ellipse Surface Mount Single Arm Operators

- Replaces Traditional Surface Mount Operators
- Available in Two Arm Lengths and Five Finishes

The Truth Manufacturing Company has recently discontinued their older style Traditional Surface mount casement operators and replaced them with a newer and sleeker operator body called the Ellipse. Although the look is new, the basic operation of this new style is the same and the mounting hole configuration is identical. The body is still made from die cast zinc alloy, with a hardened steel arm and gear. For a replacement casement track to work with the Ellipse Operator order our Cat. No. EP27039. (See page 433W).

The Ellipse Replaces This Older Style Traditional Casement Operator

new



9-1/2" (241 MM) SINGLE ARM ELLIPSE CASEMENT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP24182	EP24183	Bronze	1
EP24184	EP24185	Coppertone	1
EP24186	EP24187	White	1
EP24188	EP24189	Gold	1
EP24190	EP24191	Clay	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

13-1/2" (343 MM) SINGLE ARM ELLIPSE CASEMENT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP24194	EP24195	Bronze	1
EP24196	EP24197	Coppertone	1
EP24198	EP24199	White	1
EP24200	EP24201	Gold	1
EP24202	EP24203	Clay	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

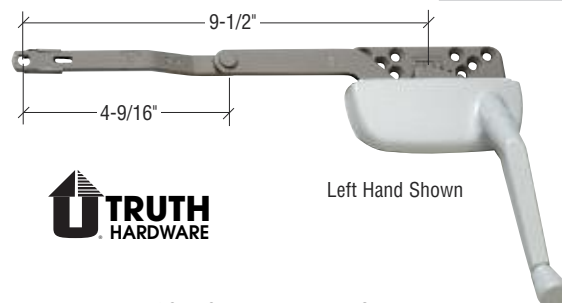
NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Truth Ellipse Surface Mount Dyad Casement Operators

- Replaces Traditional Surface Mount Operators
- Two Finishes

These new Truth Ellipse Surface Mount Dyad Casement Window Operators replace the older traditional body style. The basic operation and mounting hole configuration is the same as the traditional style. This operator is designed to work on windows that open up to 90 degrees. A matching finish Crank Handle is included. The gear arm is flat and the link arm has an offset up. The attachment clip is located on the underside of the link arm. Link arm length is measured from center of rivet to center of attachment hole. Operator is also available by special order without a clip or with the clip mounted on the top of the link arm.

new

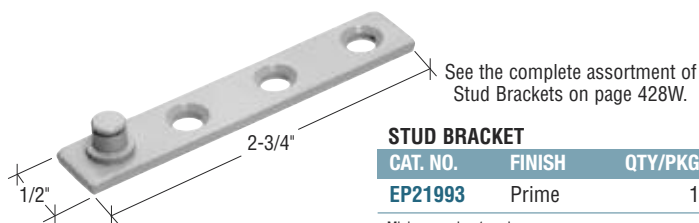


NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

9-1/2" SINGLE ARM ELLIPSE DYAD CASEMENT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP24174	EP24175	Bronze	1
EP24176	EP24177	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



STUD BRACKET

CAT. NO.	FINISH	QTY/PKG
EP21993	Prime	1

Minimum order: 1 pack.

Truth Hardware is a registered trademark of Truth Hardware Corporation.



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CRL Truth EntryGard® Dual Arm Casement Operator Mechanism Only



These Truth EntryGard® Casement Operators have a precision die cast base with hardened steel arms and gears or stainless steel arms and gears. Available in three arm lengths, link arm is measured from center of rivet to center of mounting hole. For replacement Track see Cat. No. EP27039 on page 433W; for replacement Stud Brackets see page 428W.

- Available in Three Link Arm Lengths
- Hardened Steel Arm and Gears
- 3-15/16" Length Available With Stainless Steel Arms and Gears

STEEL ARMS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	"A" LENGTH	QTY/PKG
EP18702	EP18703	3-15/16"	1
EP24032	EP24033	3-5/16"	1
EP24030	EP24031	2-5/16"	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

STAINLESS STEEL ARMS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	"A" LENGTH	QTY/PKG
EP28000	EP28001	3-15/16"	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Truth EntryGard® Dual Arm Operator With Cover and Crank Handle



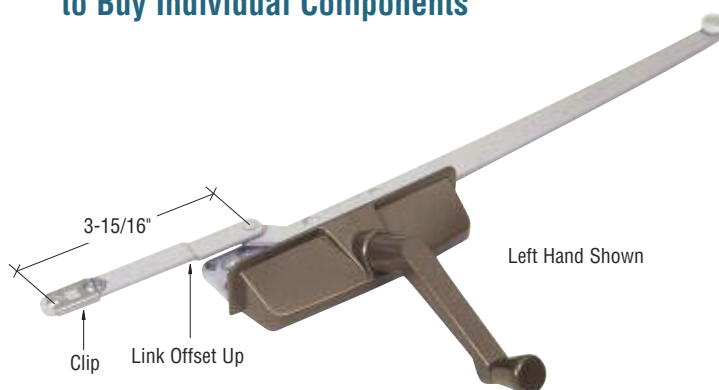
These kits are made from the most popular size Casement Operators (Cat. No's. EP18702 or EP18703) as shown above. Each Kit includes an Operator, Crank Handle, and Plastic Cover. The action of the dual arms working together pivot the windows open, and pull the hinge side of the sash away from the jamb for clearance to the sash stop. When selecting this Operator, always measure the link arm length and compare to the chart shown above. For replacement Track see Cat. No. EP27039 on page 433W; for replacement Stud Brackets see page 428W.

- Complete Kit Eliminates the Need to Buy Individual Components

OPERATOR WITH COVER AND HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23000	EP23004	Bronze	1
EP23001	EP23005	Coppertone	1
EP23002	EP23006	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



CRL Truth EntryGard® Single Arm Operator

- Hardened Steel Arm and Gears

This Truth Casement Operator has a precision die cast base with hardened steel gears. This operator works with the EntryGard® Operator Covers found on page 420W and Operator Track Cat. No. EP27039 on page 433W.

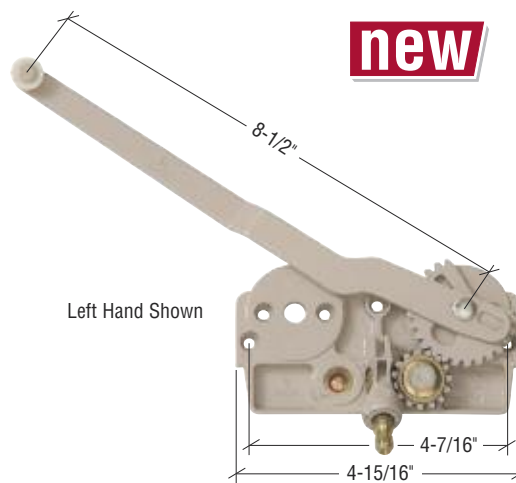
new



OPERATOR ONLY

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
EP27000	EP27001	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



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CRL CASEMENT WINDOW HARDWARE

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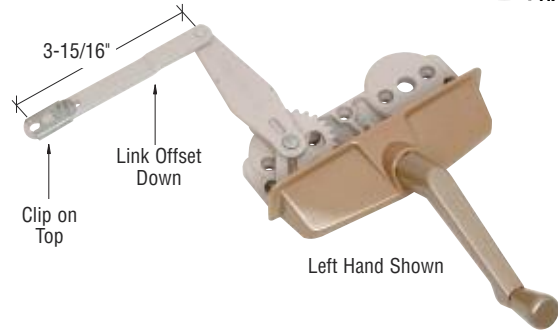
CRL Truth EntryGard® Dyad Operator With Cover

- Includes Cover and Crank Handle
- Three Finishes

Complete Dyad Casement Operator, Cover and Crank Handle. The Operator is also available by itself. Die cast base and Crank Handle, with hardened steel arms, also includes plastic cover. Popular style of operator for use on narrow windows. This Operator can also be used with the new Folding Crank Handles as shown on page 427W. For replacement Stud Brackets see page 428W.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	ARM LENGTH	FINISH	QTY/PKG
EP23032	EP23036	9-1/2"	Bronze	1
EP23033	EP23037	9-1/2"	Coppertone	1
EP23034	EP23038	9-1/2"	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

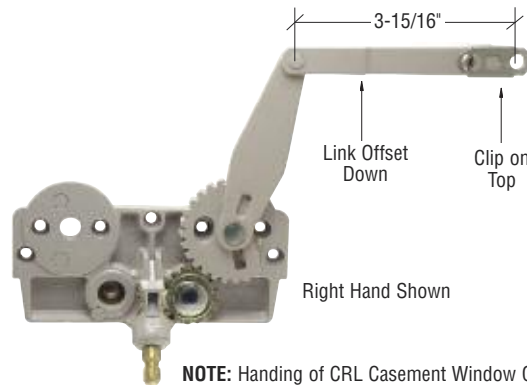
CRL Truth EntryGard® Dyad Operator

- Operator Only

Dyad Casement Operator only. Die cast base with hardened steel arms. Popular style of operator for use on narrow windows. This Operator can also be used with the new Folding Crank Handles as shown on page 427W. For replacement Stud Brackets see page 428W.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	ARM LENGTH	QTY/PKG
EP18708	EP18709	9-1/2"	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Truth EntryGard® Plastic Operator Cover



- Six Finishes

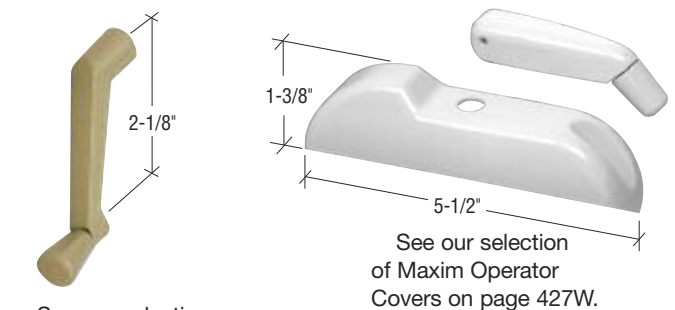
Replacement ABS Plastic Operator Cover fits Truth EntryGard® Dual Arm and Dyad Casement Operators.



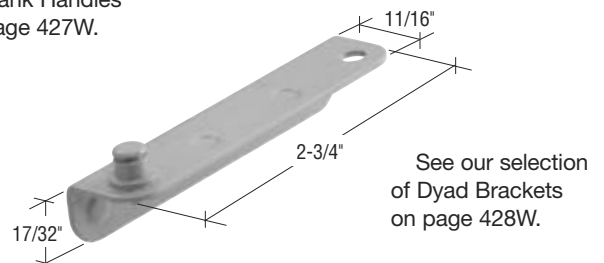
CAT. NO.	FINISH	QTY/PKG
EP21928	Bronze	1
EP21931	Coppertone	1
EP21937	White	1
EP21986	Bright Brass	1
EP21932	Gold	1
EP24075	Clay	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Truth Crank Handles, Covers, and Dyad Brackets



See our selection of Crank Handles on page 427W.



See our selection of Dyad Brackets on page 428W.

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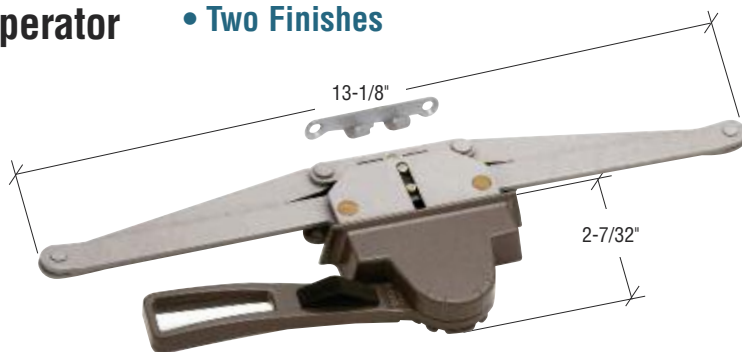
CRL Truth Single Pull Lever Operator

• Two Finishes

Die cast Operator body with stamped steel arms; Escutcheon is non-removable; Sash bracket included; Lever Handle is to the left when the window is in the closed position. **NOTE:** Approximate sash opening is 8-1/2" (216 mm).

CAT. NO.	FINISH	QTY/PKG
EP24096	Bronze	1
EP24097	White	1

Minimum order: 1 pack.



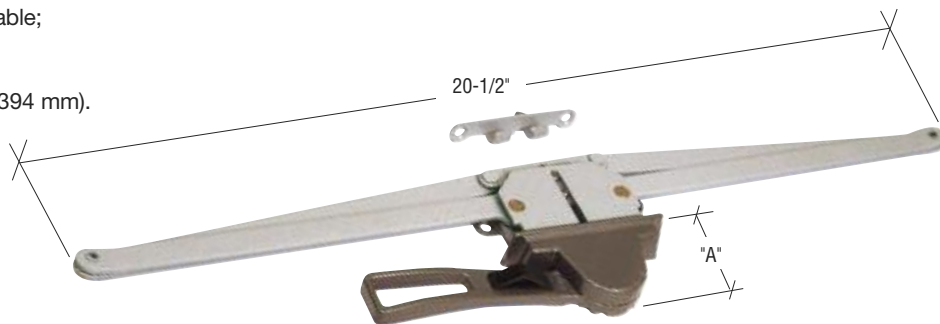
CRL Truth Single Pull Lever Operator

• Three Finishes

Die cast Operator body with stamped steel arms; Escutcheon projection varies and needs to be measured carefully; Escutcheon is non-removable; Sash bracket included. Lever Handle is to the left when the window is in the closed position. **NOTE:** Approximate sash opening is 15-1/2" (394 mm).

CAT. NO.	"A" DIM.	FINISH	QTY/PKG
EP23070	1-27/32"	Bronze	1
EP23072	1-27/32"	Gold	1
EP24077	1-27/32"	White	1
EP23069	2-3/32"	Bronze	1
EP24078	2-3/32"	White	1

Minimum order: 1 pack.



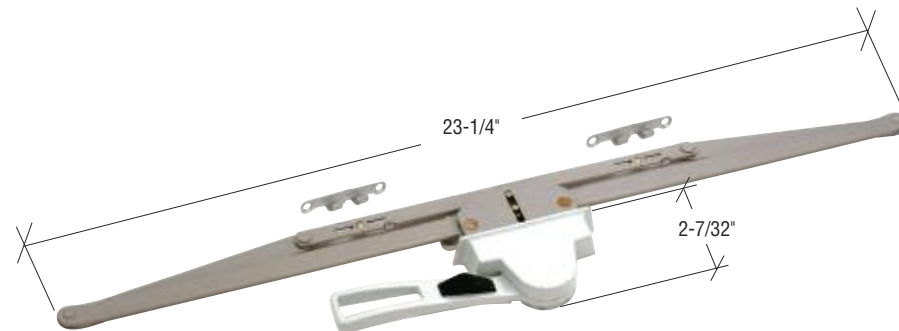
CRL Truth Dual Pull Lever Operator

• Two Finishes

Die cast Operator body with stamped steel arms; Escutcheon is non-removable; Two Sash Brackets included; Lever Handle is to the left when the window is in the closed position. **NOTE:** Approximate sash opening is 14" (356 mm).

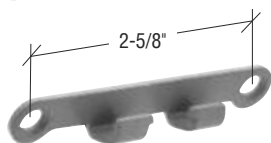
CAT. NO.	FINISH	QTY/PKG
EP23097	Bronze	1
EP24079	White	1

Minimum order: 1 pack.



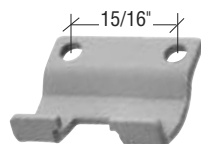
CRL Truth Lever and Roto-Gear Operator Sash Brackets

CRL offers replacement Sash Brackets individually packaged for both Lever and Roto-Gear Operators; Brackets are made from stamped steel.



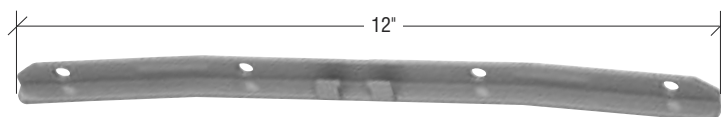
CAT. NO.	FINISH	QTY/PKG
EP22317	Gray	1

Minimum order: 1 pack.



CAT. NO.	FINISH	QTY/PKG
EP22679	Gray	1

Minimum order: 1 pack.



CAT. NO.	FINISH	QTY/PKG
EP22593	Gray	1

Minimum order: 1 pack.

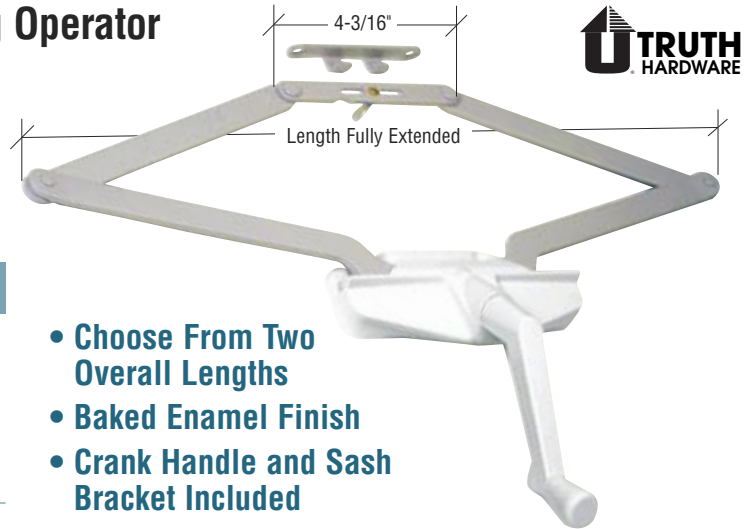
All packs of Replacement Hardware can be combined for quantity pricing.
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CRL CASEMENT WINDOW HARDWARE

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CRL Truth Single Pull Roto-Gear Awning Operator

This Roto-Gear Awning Window Operator has a single center pull point; non-handed; Operator base and Crank Handle are made from die cast zinc; all gears and arms are made from hardened steel for a long operating life; Crank Handle and one sash bracket is included. For sashes needing extra support, a separate torsion pull bar is available to replace the smaller single attachment bracket. See Cat. No. EP22593 on page 421W.



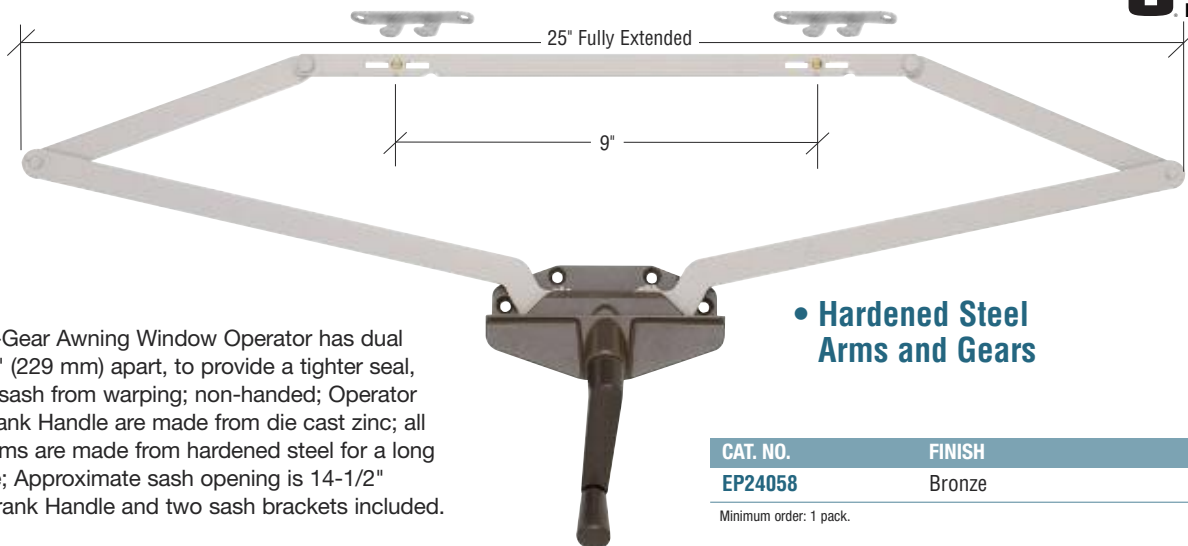
- Choose From Two Overall Lengths
- Baked Enamel Finish
- Crank Handle and Sash Bracket Included

CAT. NO.	FINISH	LENGTH	APPROX. SASH OPENING	QTY/PKG
EP23011	Bronze	16-1/8"	10-1/2"	1
EP23012	Coppertone	16-1/8"	10-1/2"	1
EP23013	White	16-1/8"	10-1/2"	1
EP23008	Bronze	21-1/2"	15-3/4"	1
EP23009	Coppertone	21-1/2"	15-3/4"	1
EP23010	White	21-1/2"	15-3/4"	1
EP23073	Gold	21-1/2"	15-3/4"	1

Minimum order: 1 pack.

CRL Truth Dual Pull Roto-Gear Awning Operator

This Roto-Gear Awning Window Operator has dual pull points 9" (229 mm) apart, to provide a tighter seal, and prevent sash from warping; non-handed; Operator base and Crank Handle are made from die cast zinc; all gears and arms are made from hardened steel for a long operating life; Approximate sash opening is 14-1/2" (368 mm); Crank Handle and two sash brackets included.



- Hardened Steel Arms and Gears

CAT. NO.	FINISH	QTY/PKG
EP24058	Bronze	1

Minimum order: 1 pack.

CRL Truth Roto-Gear Guide Bar Awning Operator

This CRL open arm Roto-Gear Dual Pull Operator has a wider pull width, which spreads the closing force closer to the corners of the sash providing a tighter seal to the sill of the jamb; Die cast Operator body with stamped steel arms; non-handed; Crank Handle included; Guide bar and shoe brackets sold separately.



CAT. NO.	DESCRIPTION	FINISH	QTY/PKG
EP24093	Operator	Bronze	1
EP24094	Guide Bar	---	1
EP24095	Shoe Bracket	---	2

Minimum order: 1 pack.

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CRL Truth Maxim Casement Operator

CRL now offers the sleek Truth Maxim Operator, which has been designed to reduce operating torque by as much as 33% when used in conjunction with the Truth Maxim System Hinge which is available by special order; Die cast Operator body and Crank Handle; hardened steel gears and arms. Special Maxim Steel Track and Slider Guides are stocked and sold separately. For replacement Track see Cat. No. EP24081 on page 433W, for replacement Stud Brackets see page 428W.



- Available With Stainless Steel Arms and Gears
- Bright White Color is Popular in Canada



CAT. NO. EP24090
Optional Sealing Gasket



Left Hand Shown

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

Dual-Arm Operator Track



DUAL-ARM OPERATOR TRACK WITH GUIDE

CAT. NO.	DESCRIPTION	QTY/PKG
EP24081	Steel Track with Guide	1
EP27041	Stainless Steel Track with Guide	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	MATERIAL	FINISH	QTY/PKG
EP24010	EP24022	Steel	White	1
EP24011	EP24023	Steel	Bright White	1
EP28004	EP28005	Stainless Steel	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Truth Maxim Dyad Casement Operator

- Bright White Color is Popular in Canada

The Truth Maxim Dyad Casement Window Operator has the same die cast body with stamped steel arms as other Truth products. Operator comes complete with the new Maxim contoured style Crank Handle. To eliminate the need to caulk the Operator during installation, an optional Sealing Gasket Cat. No. EP24090 is available.

OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP24082	EP24083	White	1
EP24084	EP24085	Bright White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



Left Hand Shown



CAT. NO. EP24090
Optional Sealing Gasket

CRL Truth Maxim Awning Operator

- Also Available With Stainless Steel Arms and Gears

Truth Maxim Operators provide maximum performance to open and close large windows with 33% less effort than previous operators. These Awning Operators work with Cat. Nos. EP27043 and EP28010 Track and Slider sets see page 433W.

OPERATOR ONLY

CAT. NO.	MATERIAL	FINISH	QTY/PKG
EP27002	Steel	White	1
EP28009	Stainless Steel	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



new

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CRL Truth Encore Dual Arm Operator

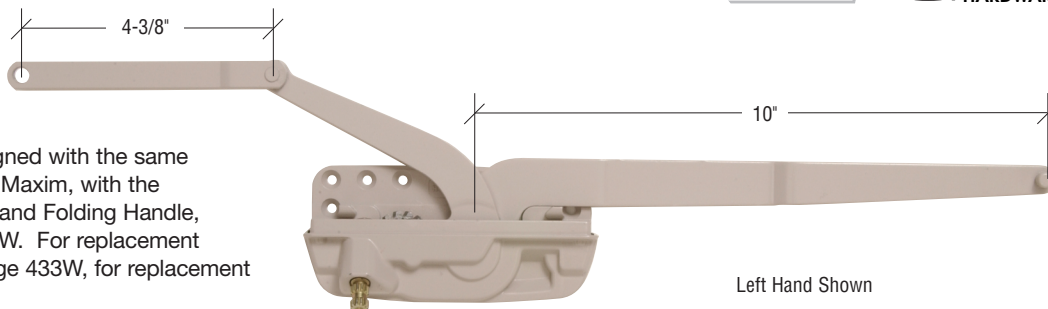
- Also Available With Stainless Steel Arms and Gears

Truth Encore Operators are designed with the same performance characteristics as the Maxim, with the flexibility of using a snap on Cover and Folding Handle, both sold separately, see page 427W. For replacement Track see Cat. No. EP24081 on page 433W, for replacement Stud Brackets see page 428W.

OPERATOR ONLY

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	MATERIAL	QTY/PKG
EP27003	EP27004	Steel Arms	1
EP28002	EP28003	Stainless Steel Arms	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



Left Hand Shown

new



CRL Truth Encore Dyad Operator

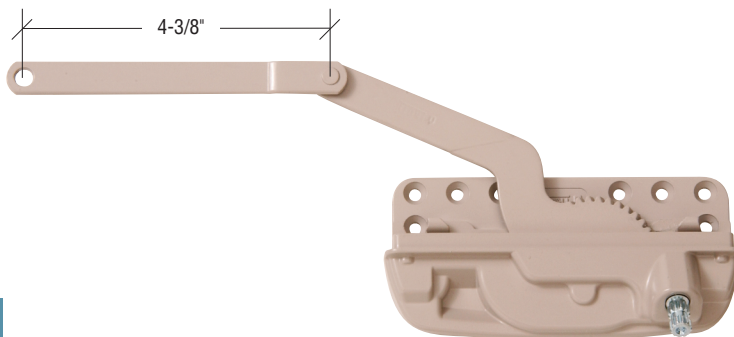
- Also Available With Stainless Steel Arms and Gears

Truth Encore Operators are designed with the same performance characteristics as the Maxim, with the flexibility of using a snap on Cover and Folding Handle, both sold separately, see page 427W. For replacement Snap Stud Brackets see page 428W.

OPERATOR ONLY

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	MATERIAL	QTY/PKG
EP27005	EP27006	Steel Arms	1
EP28006	EP28007	Stainless Steel Arms	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



Left Hand Shown

new



CRL Truth Encore Awning Operator

- Also Available With Stainless Steel Arms and Gears

Truth Encore Awning Operators are designed with the same performance characteristics as the Maxim, with the flexibility of using a snap on Cover and Folding Handle, both 427W. For replacement Track see Cat. No. EP27043 on page 433W.

OPERATOR ONLY

CAT. NO.	MATERIAL	QTY/PKG
EP27007	Steel Arms	1
EP28008	Stainless Steel Arms	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



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new



CRL Face Mount Single Arm Operator

• Available in Face Mount and Rear Mount

CRL Face Mount Single Arm Casement Window Operators have a zinc die cast body, and a steel arm with hardened steel gears. The arm has a stainless steel roller button for smooth operation, and will open a sash a full 90 degrees. For replacement Track see Cat. No. EP22825 on page 433W.

FRONT MOUNT OPERATOR WITH HANDLE

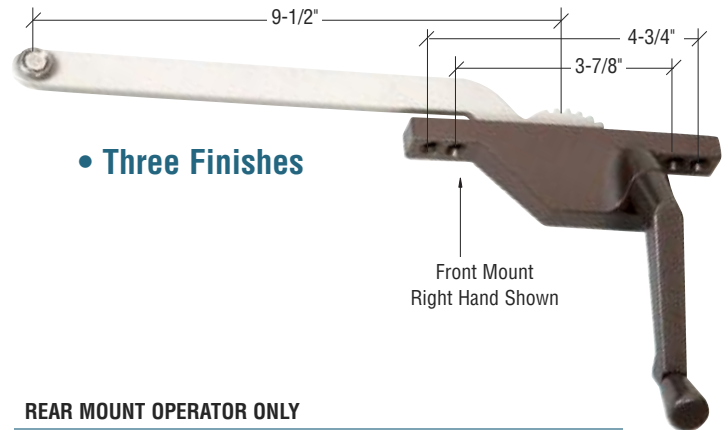
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	ARM LENGTH	FINISH	QTY/PKG
EP23014	EP23017	9-1/2"	Bronze	1
EP23016	EP23019	9-1/2"	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

FRONT MOUNT OPERATOR ONLY

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	ARM LENGTH	FINISH	QTY/PKG
WH30115L	WH30115R	9-1/2"	Champagne	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



• Three Finishes

REAR MOUNT OPERATOR ONLY

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	ARM LENGTH	FINISH	QTY/PKG
WH30015L	WH30015R	9-1/2"	Champagne	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Truth Face Mount Dyad Operator

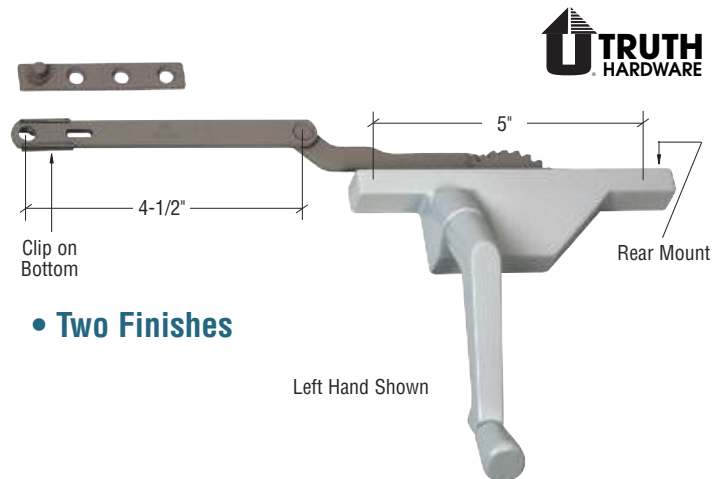
• Rear Mount Only

Truth Face Mount Dyad Casement Window Operators have a die cast body with hardened steel arms. Both gear arm and link arm are flat with no offsets. This Operator Body is available with a center mount stabilizer tab by special order. Both the Stud Bracket and Crank Handle are included. For additional Stud Brackets see page 428W.

REAR MOUNT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23089	EP23090	Bronze	1
EP23091	EP23092	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



• Two Finishes

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Truth Face Mount Dyad Operator

• Rear Mount Only

Truth Face Mount Dyad Casement Window Operators have a die cast body with hardened steel arms. Both gear arm and link arm are flat with no offsets. This Operator Body is available with a center mount stabilizer tab by special order. Both the Stud Bracket and Crank Handle are included. For additional Stud Brackets see page 428W.

REAR MOUNT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP24168	EP24169	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



• White Finishes Only

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

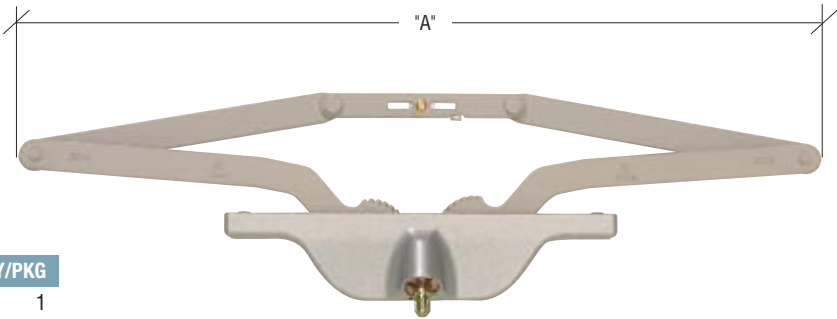
Truth Hardware is a registered trademark of Truth Hardware Corporation.

CRL Truth Scissor Arm Operator

• Front Mount

The Truth Scissor Arm Operator has a die cast body and steel arms with hardened steel gears. This operator connects to the sash with a Cat. No. EP22317 Sash Bracket shown on page 421W. The 16" Operator opens the sash 10" (254 mm), and the 21-1/2" Operator opens the sash 15" (381 mm).

new



OPERATOR ONLY			
CAT. NO.	FINISH	"A" DIM.	QTY/PKG
EP27008	Aluminum	16"	1
EP27009	Aluminum	21-1/2"	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Truth Pivot Shoe Operator

• Front Mount

The Truth Pivot Shoe Operator is designed for use on awning windows. The unique acetal pivot shoe design allows approximately 4-1/2" (114 mm) of sash opening. Works with Cat. No. WH23100 Track shown on page 433W.

new



OPERATOR ONLY			
CAT. NO.	FINISH	ARM LENGTH	QTY/PKG
WH06215	Champagne	5-1/2"	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Truth Pivot Shoe Operator

• Front Mount

The Truth Pivot Shoe Operator is designed for use on awning windows. The unique acetal pivot shoe design allows approximately 10" (254 mm) of sash opening. Works with Cat. No. WH23000 Track shown on page 433W.

new



OPERATOR ONLY			
CAT. NO.	FINISH	ARM LENGTH	QTY/PKG
EP27010	White	11"	1
EP27011	Aluminum	11"	1
WH06315	Champagne	11"	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

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CRL Truth Maxim Contour Handle

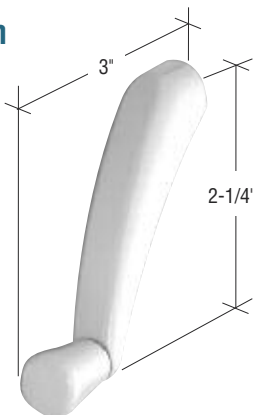


• Works Exclusively with Maxim Casement Operators

The Truth Maxim Contour Handle is made from die cast zinc, specially designed to complement Maxim Casement Operators. 11/32" spline size. One handle per pack.

CAT. NO.	FINISH	QTY/PKG
EP24028	Bronze	1
EP24026	White	1
EP24027	Bright White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



CRL Truth Maxim Folding Handle



This Truth Maxim Folding Handle has the same sleek style as the Contoured Crank Handle with an added feature, it will fold lower when not in use. Very popular handle when used with the Maxim Cover shown below. 11/32" spline size.

CAT. NO.	FINISH	QTY/PKG
EP22243	Bronze	1
EP24223	Beige	1
EP22253	White	1
EP24224	Bright White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



CRL Truth Encore Folding Handle and Cover



This Truth Handle and Cover Set fits all Truth brand Encore Operators. The Folding Handle is made from die cast zinc; the Cover is molded plastic. One Cover and Folding Handle per package.



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP27029	EP27030	Bronze	1
EP27031	EP27032	Beige	1
EP27033	EP27034	White	1
EP27035	EP27036	Bright White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Truth Maxim Cover for Folding Handles



The Truth Maxim Cover is designed for use with the Folding Crank Handle shown above. This very popular molded plastic cover fits on all Truth brand Maxim Operators.



CAT. NO.	FINISH	QTY/PKG
EP27025	Bronze	1
EP27026	Beige	1
EP27027	White	1
EP27028	Bright White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Truth EntryGard® Folding Handle and Cover



• Fits Truth EntryGard® Dual Arm and Dyad Casement Operators

This Truth EntryGard® Folding Handle and Cover Set fits Truth brand EntryGard® Operators. The Folding Handle is made from die cast zinc; the Cover is molded plastic. One Cover and Folding Handle per package.



CAT. NO.	FINISH	QTY/PKG
EP24087	Bronze	1
EP24086	White	1
EP24089	Clay	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Truth EntryGard® Handles

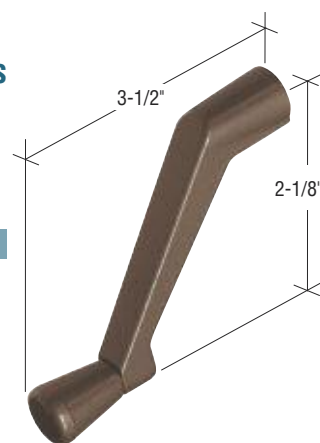


• Replacement Handle for Truth Hardware Operators

Made from die cast zinc. The 11/32" spline size will fit all Truth brand Casement Operators. One Handle per package.

CAT. NO.	FINISH	QTY/PKG
EP21996	Bronze	1
EP21998	Coppertone	1
EP22007	White	1
EP21999	Gold	1
EP24076	Clay	1
WH24511	Aluminum	1
WH24515	Champagne	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



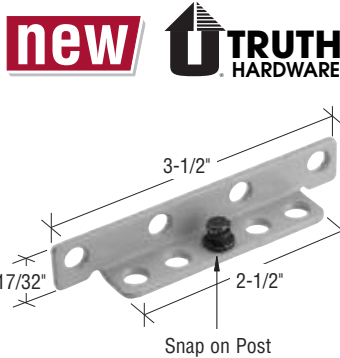
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CRL Truth Dyad Stud Bracket

This Dyad Stud Bracket is used on Truth brand Maxim and Encore Reverse Dyad style Casement Window Operators. Bracket has a plated finish for corrosion resistance. **NOTE:** This Bracket has a snap on post with a steel retainer ring in the stud groove.

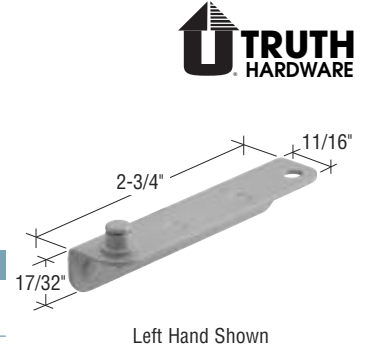


CAT. NO.	HAND	QTY/PKG
EP27016	Non-Handed	1

Minimum order: 1 pack. All replacement hardware can be combined for quantity pricing.

CRL Truth Dyad Stud Bracket

This Dyad Stud Bracket is used on Truth brand EntryGard® Dual Arm Casement Window Operators. Bracket has a plated finish for corrosion resistance.

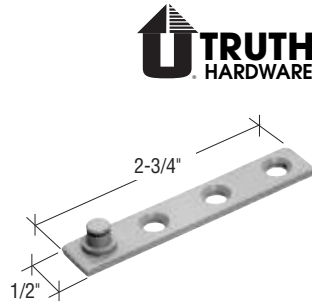


CAT. NO.	HAND	QTY/PKG
EP21926	Left Hand	1
EP21924	Right Hand	1

Minimum order: 1 pack. All replacement hardware can be combined for quantity pricing.

CRL Truth Dyad Stud Bracket

This Dyad Stud Bracket is used on Truth brand EntryGard® Dyad, Dual Arm, and Face Mount Dyad Operators. Bracket has a plated finish for corrosion resistance.



CAT. NO.	HAND	QTY/PKG
EP21993	Non-Handed	1

Minimum order: 1 pack. All replacement hardware can be combined for quantity pricing.

CRL Truth Dyad Stud Bracket

This Dyad Stud Bracket is used on Truth brand EntryGard® Dual Arm Casement Window Operators. Bracket has a plated finish for corrosion resistance.

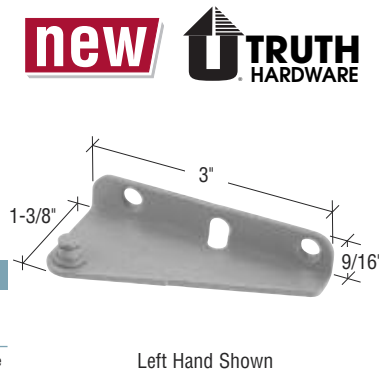


CAT. NO.	HAND	QTY/PKG
EP27017	Left Hand	1
EP27018	Right Hand	1

Minimum order: 1 pack. All replacement hardware can be combined for quantity pricing.

CRL Truth Dyad Stud Bracket

This Dyad Stud Bracket is used on Truth brand EntryGard® Dyad Casement Window Operators. Bracket has a plated finish for corrosion resistance.

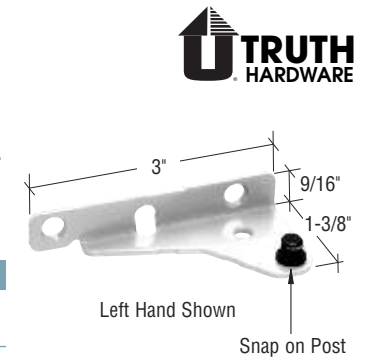


CAT. NO.	HAND	QTY/PKG
EP27014	Left Hand	1
EP27015	Right Hand	1

Minimum order: 1 pack. All replacement hardware can be combined for quantity pricing.

CRL Truth Dyad Stud Bracket

This Dyad Snap Stud Bracket is used on Truth brand Maxim, Ellipse, and Encore style Casement Window Operators. Bracket has a plated finish for corrosion resistance. **NOTE:** This Bracket has a snap on post with a steel retainer ring in the stud groove.

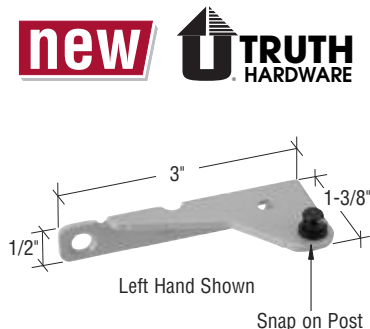


CAT. NO.	HAND	QTY/PKG
EP22032	Left Hand	1
EP22021	Right Hand	1

Minimum order: 1 pack. All replacement hardware can be combined for quantity pricing.

CRL Truth Dyad Stud Bracket

This Dyad Snap Stud Bracket is used on Truth brand EntryGard® style Casement Window Operators. Bracket has a plated finish for corrosion resistance. **NOTE:** This Bracket has a snap on post with a steel retainer ring in the stud groove.

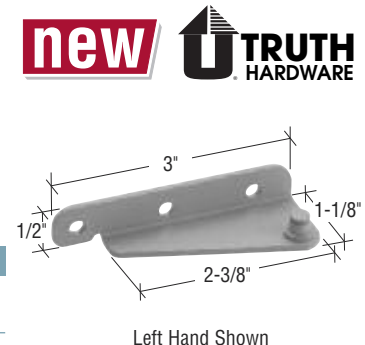


CAT. NO.	HAND	QTY/PKG
EP27012	Left Hand	1
EP27013	Right Hand	1

Minimum order: 1 pack. All replacement hardware can be combined for quantity pricing.

CRL Truth Dyad Stud Bracket

This Dyad Stud Bracket is used on Truth brand Face Mount Dyad style Casement Window Operators. Bracket has a plated finish for corrosion resistance.



CAT. NO.	HAND	QTY/PKG
EP27019	Left Hand	1
EP27020	Right Hand	1

Minimum order: 1 pack. All replacement hardware can be combined for quantity pricing.

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CRL Truth 4-Bar Stainless Steel Window Hinges

- Non-Handed
- Stainless Steel
- Standard and Heavy-Duty Models Available

Truth 4-Bar Hinges are made of stainless steel. These non-handed hinges are designed for use with casement and project-out windows. Hinges have a built in stop, which prevents the sash from opening greater than 55 degrees. Hinges are designed for casement windows that have a lip on the outside edge of the sash. The 4-Bar Hinge mechanism allows the sash to project out from the frame before it pivots. Sold one hinge per package.

STANDARD DUTY HINGES

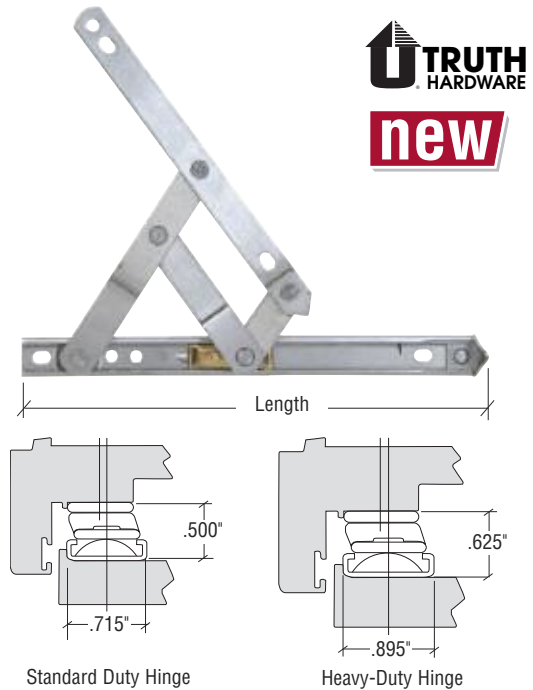
CAT. NO.	LENGTH	QTY/PKG
EP28011	8" (203 mm)	1
EP28012	10" (254 mm)	1
EP28013	12" (305 mm)	1
EP28014	14" (356 mm)	1
EP28015	16" (406 mm)	1
EP28016	20" (508 mm)	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

HEAVY-DUTY HINGES

CAT. NO.	LENGTH	QTY/PKG
EP28018	10" (254 mm)	1
EP28019	12" (305 mm)	1
EP28020	14" (356 mm)	1
EP28021	16" (406 mm)	1
EP28022	18" (457 mm)	1
EP28023	20" (508 mm)	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



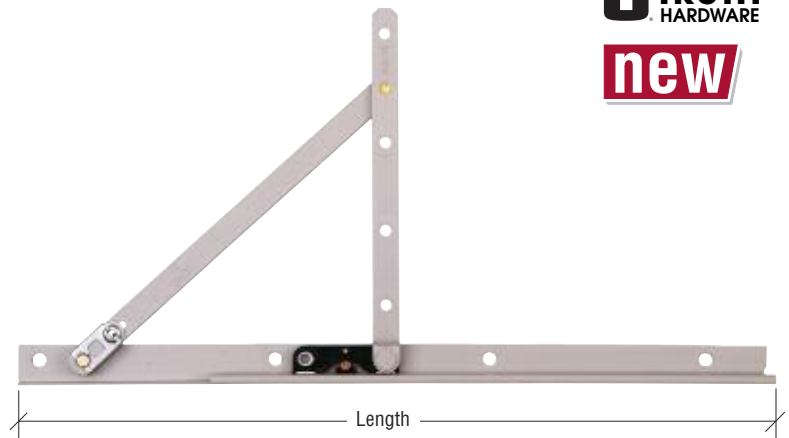
CRL Truth Awning Stainless Steel Window Hinges

- Packed One Left and One Right Hand
- Stainless Steel Track

Truth Awning Window Hinges are handed and packed one left and one right per package. Hinges have a stainless steel bottom track with steel support arms and a plastic slide shoe. Support arm has a brass snap stud for ease in the installation and removal of sash.

CAT. NO.	LENGTH	QTY/PKG
EP24042	10" (254 mm)	1 Pair
EP23065	14" (356 mm)	1 Pair
EP23066	18" (457 mm)	1 Pair
EP23067	22" (559 mm)	1 Pair

Minimum order: 1 pair. All packs of replacement hardware can be combined for quantity pricing.



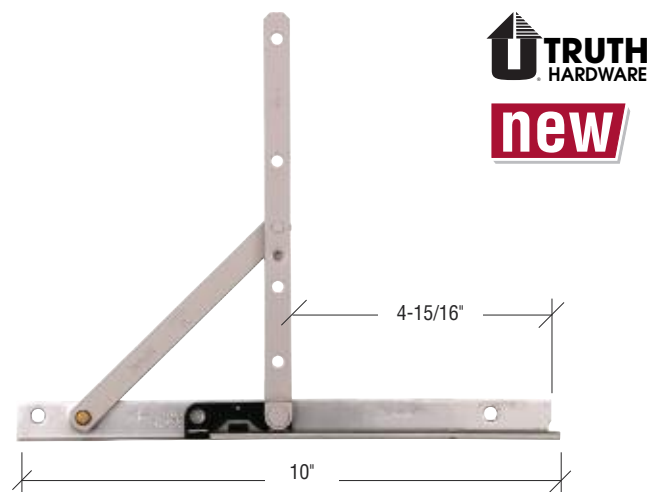
CRL Truth Concealed Casement Stainless Steel Hinge

- Packed One Left and One Right Hand
- Stainless Steel Track

Truth Concealed Casement Window Hinges are handed and packed one left and one right per package. Hinges have a stainless steel bottom track with steel support arms and a plastic slide shoe. Support arm has a brass snap stud for ease in the installation and removal of sash.

CAT. NO.	LENGTH	QTY/PKG
EP23088	10" (254 mm)	1 Pair

Minimum order: 1 pair. All packs of replacement hardware can be combined for quantity pricing.



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at the Phone Numbers Shown on the Back Cover

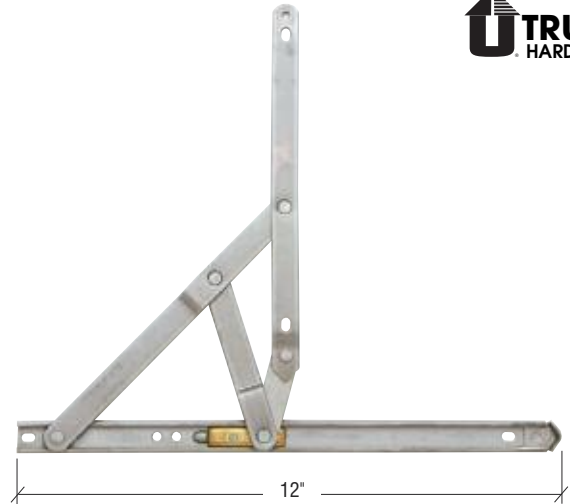
CRL Truth 4-Bar Standard Duty 90 Degree Stainless Steel Window Hinge

- Non-Handed
- Stainless Steel

This CRL 4-Bar 90 Degree Hinge is designed for casement window applications. Similar to the standard 4-bar hinge, with the exception of allowing a full 90 degree opening of the vent. 90 Degree Hinge comes with a brass slide shoe. This Standard Duty Hinge is recommended for a maximum vent weight of 65 pounds (29.5 kg). Since this Hinge pulls the sash away from the jamb as it opens, it only works with Dyad Type Casement Operators. **NOTE:** Truth only offers this hinge in 12" (305 mm) length. Longer lengths have been superseded to this shorter length.

CAT. NO.	LENGTH	QTY/PKG
EP21319	12" (305 mm)	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



CRL Truth 4-Bar Heavy-Duty 90 Degree Stainless Steel Window Hinge

- Non-Handed
- Stainless Steel

This CRL 4-Bar 90 Degree Hinge is designed for casement window applications. Similar to the standard 4-bar hinge, with the exception of allowing a full 90 degree opening of the vent. 90 Degree Hinge comes with a brass slide shoe. This Heavy-Duty Hinge is recommended for a maximum vent weight of 100 pounds (45.5 kg). Since this Hinge pulls the sash away from the jamb as it opens, it only works with Dyad Type Casement Operators. **NOTE:** Truth only offers this hinge in 14" (356 mm) length. Longer lengths have been superseded to this shorter length.

CAT. NO.	LENGTH	QTY/PKG
EP21325	14" (356 mm)	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



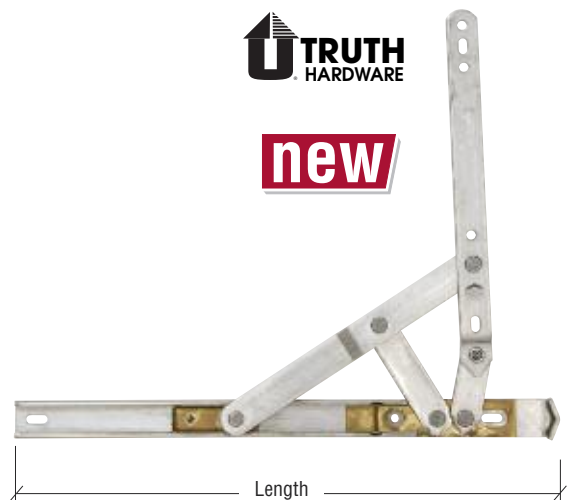
CRL Truth 4-Bar Heavy-Duty 90 Degree Egress Stainless Steel Window Hinges

- Non-Handed
- Stainless Steel

CRL 4-Bar 90 Degree Egress Hinges are designed to open the window approximately 90 degrees while keeping the sash as close to the jamb as possible to allow for egress in case of an emergency.

CAT. NO.	LENGTH	QTY/PKG
WH66342	12-1/4" (311 mm)	1
EP27042	16-1/8" (410 mm)	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



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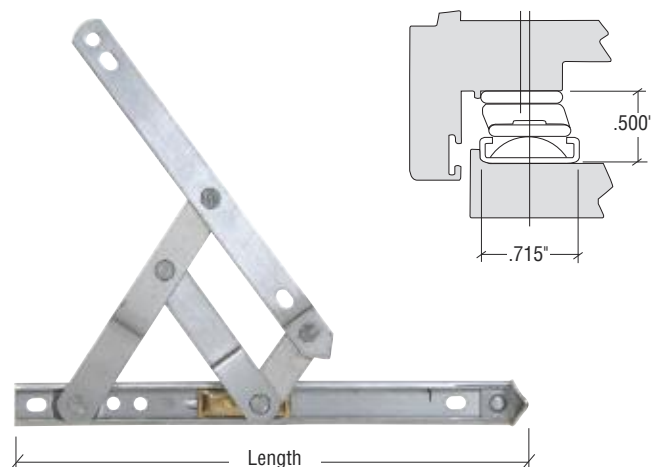
CRL 4-Bar Standard Duty Stainless Steel Window Hinges

- Non-Handed
- Stainless Steel

These CRL 4-Bar Standard Duty Hinges are made out of stainless steel. Non-handed hinges are designed for project-out, awning or casement windows that have a lip on the outside edge of the sash. The 4-Bar Hinge mechanism allows the sash to project out from the frame as it pivots.

CAT. NO.	LENGTH	WEIGHT CAPACITY	QTY/PKG
430108	8" (203 mm)	19 lbs. (8.6 kg)	1 Pair
430110	10" (254 mm)	23 lbs. (10.4 kg)	1 Pair
430112	12" (305 mm)	28 lbs. (12.7 kg)	1 Pair
430116	16" (406 mm)	40 lbs. (18.1 kg)	1 Pair
430120	20" (508 mm)	54 lbs. (24.5 kg)	1 Pair

Minimum order: 1 pair. All packs of replacement hardware can be combined for quantity pricing.



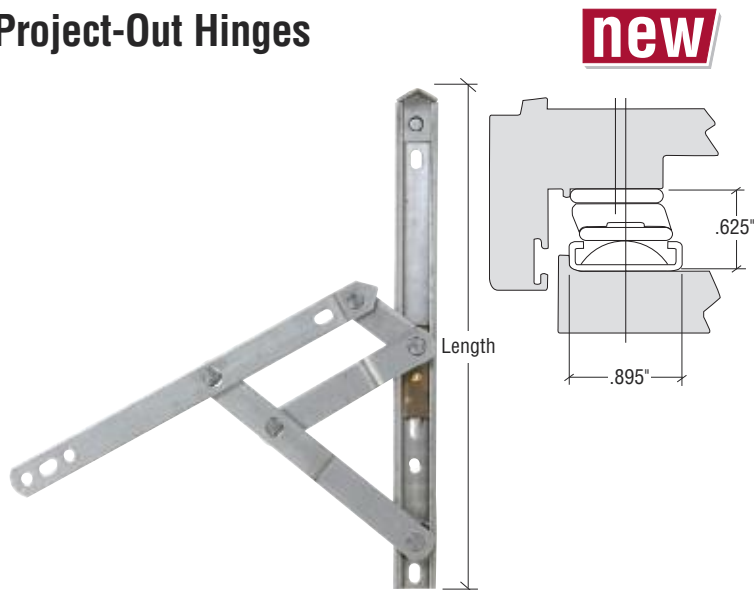
CRL 4-Bar Heavy-Duty Stainless Steel Project-Out Hinges

- Non-Handed
- Stainless Steel

These CRL 4-Bar Heavy-Duty Hinges are designed for use on commercial project-out windows. Similar in design to other 4-Bar Hinges, these Hinges push the hinge side of the sash slightly outward before pulling the hinge side away from the jamb as the window is opened. Desirable for both Awning and Hopper type windows. These hinges are non-handed and are sold one hinge per pack.

CAT. NO.	LENGTH	WEIGHT CAPACITY	QTY/PKG
WH61042	10" (254 mm)	58 lbs. (26.3 kg)	1
WH61242	12" (305 mm)	67 lbs. (30.4 kg)	1
WH64142	14" (356 mm)	80 lbs. (36.3 kg)	1
WH61642	16" (406 mm)	88 lbs. (40 kg)	1
WH62042	20" (508 mm)	117 lbs. (53.1 kg)	1
WH62442	24" (610 mm)	158 lbs. (71.7 kg)	1

Minimum order: 1 each. All packs of replacement hardware can be combined for quantity pricing.



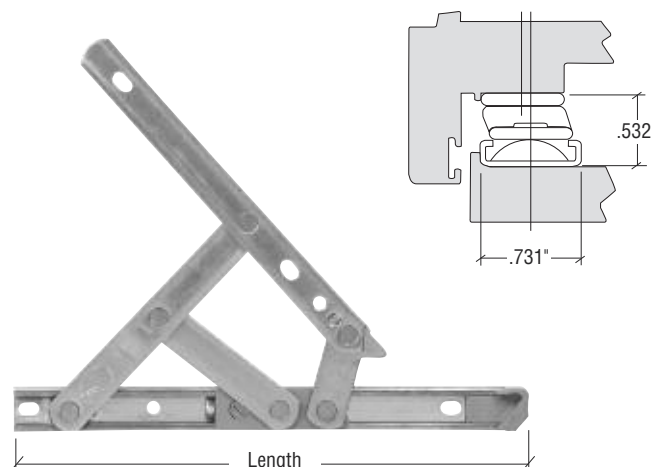
CRL 4-Bar Secure Style Casement Window Hinges

- Packed One Left and One Right Hand
- Stainless Steel

These CRL 4-Bar friction type Casement Window Hinges are handed and packed one left and one right per package. Commonly referred to as a "Secure Style" hinge in the industry. Made of corrosion resistant stainless steel.

CAT. NO.	LENGTH	WEIGHT CAPACITY	QTY/PKG
DSH08	8" (203 mm)	26 lbs. (11.8 kg)	1 Pair
DSH10	10" (254 mm)	26 lbs. (11.8 kg)	1 Pair
DSH12	12" (305 mm)	26 lbs. (11.8 kg)	1 Pair
DSH16	16" (406 mm)	26 lbs. (11.8 kg)	1 Pair

Minimum order: 1 pair. All packs of replacement hardware can be combined for quantity pricing.



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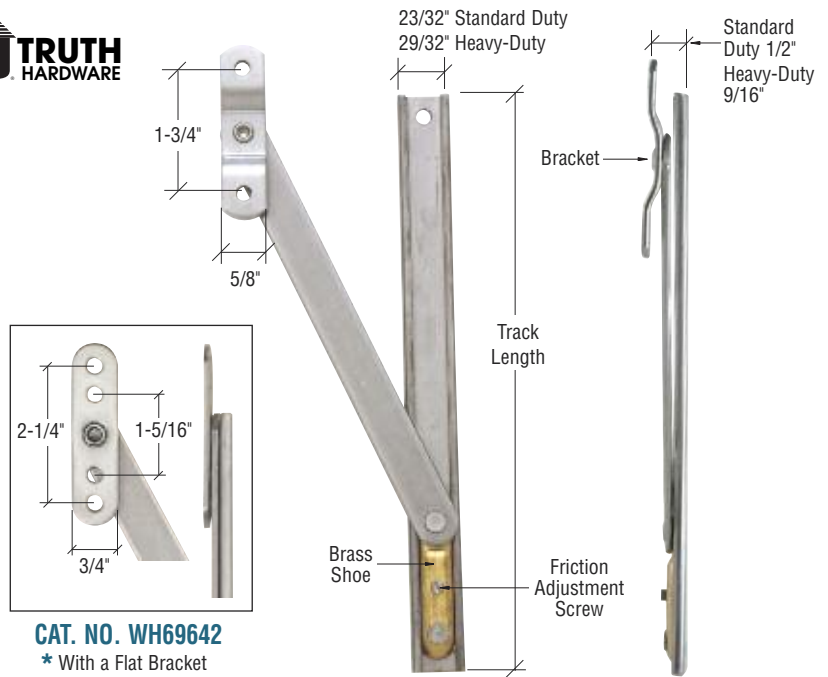
CRL Truth Friction Adjusters

- Protects the Window and Hardware From Excessive Wind Loads
- Stainless Steel
- Available in Standard or Heavy-Duty

CRL Friction Adjusters are used either as a limit device or for adjustable opening tension for holding windows in position. When used as a limit device, the hardware is designed to restrict the opening on projected or casement windows. **NOTE:** Bar length is always 2" (51 mm) shorter than Track length. For a Flat Bracket as used in U.S. Aluminum Windows, order Cat. No. WH69642.

STANDARD CAT. NO.	HEAVY-DUTY CAT. NO.	TRACK LENGTH	QTY/PKG
EP24051	--	8" (203 mm)	1
EP24052	EP24068	10" (254 mm)	1
--	WH69642 *	10" (254 mm)	1
EP24053	EP24069	12" (305 mm)	1
EP24054	EP24070	14" (356 mm)	1

Minimum order: 1 pack. Sizes can be combined for quantity pricing.



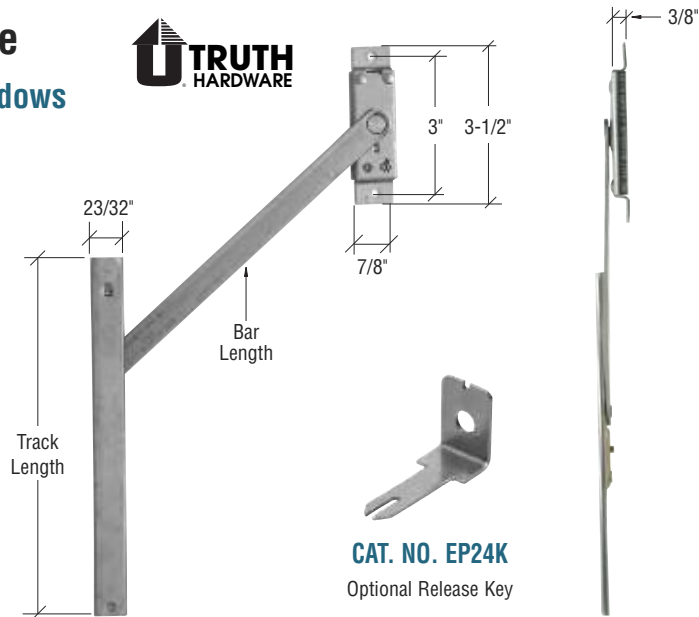
CRL Truth Limit Device With Key Release

- Limits the Degree of Opening on Casement Windows
- Key Allows Maximum Extension of Support Arm
- Stainless Steel

CRL Limit Device with Key Release is designed to restrict the opening on projected or casement windows yet allow maximum extension of the support arm when the optional Cat. No. EP24K Release Key is inserted. This allows the window to be opened to its maximum open position for window maintenance.

CAT. NO.	TRACK LENGTH	BAR LENGTH	QTY/PKG
WH64542	5" (127 mm)	5" (127 mm)	1
WH64642	6" (152 mm)	6" (152 mm)	1
EP24071	8" (203 mm)	8" (203 mm)	1
EP24072	10" (254 mm)	8" (203 mm)	1
EP24073	12" (305 mm)	6" (152 mm)	1

Minimum order: 1 pack. Sizes can be combined for quantity pricing.



CRL Truth Casement Window Opening Control Device

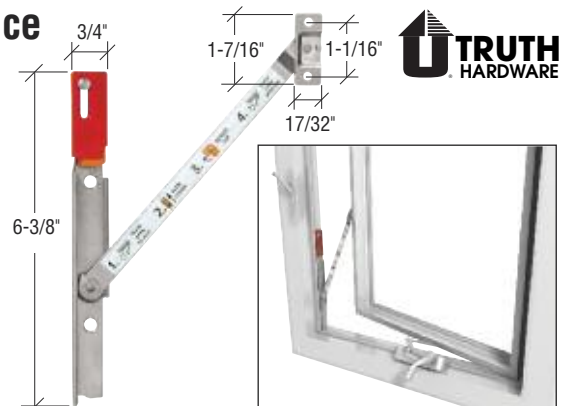
- Certified to ASTM F2090-10
- Prevents Window From Opening More Than 4" (102 mm)
- Automatically Re-Latches

The Stainless Steel Truth Casement Window Opening Control Device is designed to fit in most existing casement windows. This Control Device will limit the window opening to less than 4" (102 mm). If the device is disengaged it will automatically re-latch itself once the window has been completely closed.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
EP27037	EP27038	1

Minimum order: 1 pack.

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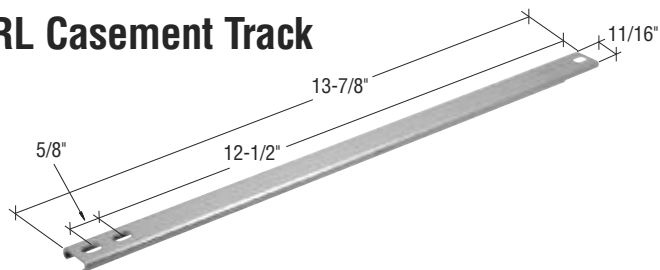


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CRL Casement Track



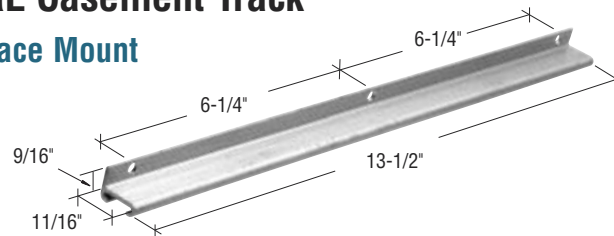
Aluminum Track for Casement Operators used on metal casement windows. For use with 5000 Series and "H" Series Operators found on page 415W.

CAT. NO.	QTY/PKG
H3529	2

Minimum order: 1 pack.

CRL Casement Track

• Face Mount

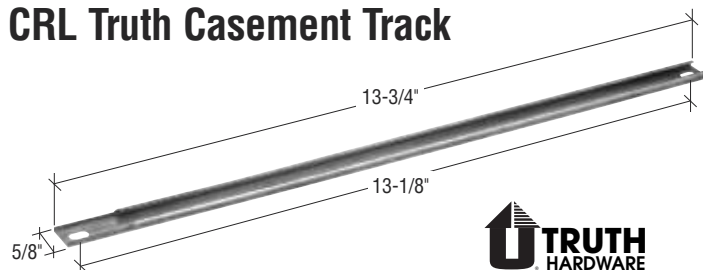


Aluminum face mount Track for Casement Operators. For use with 5000 Series and "H" Series Operators found on page 415W.

CAT. NO.	QTY/PKG
H3595	1

Minimum order: 1 pack.

CRL Truth Casement Track



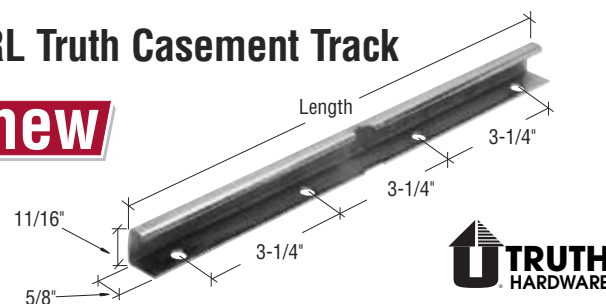
Stainless steel Track used with Casement Window Operators, Series EP23014 through EP23019, found on page 425W.

CAT. NO.	QTY/PKG
EP22825	1

Minimum order: 1 pack.

CRL Truth Casement Track

new

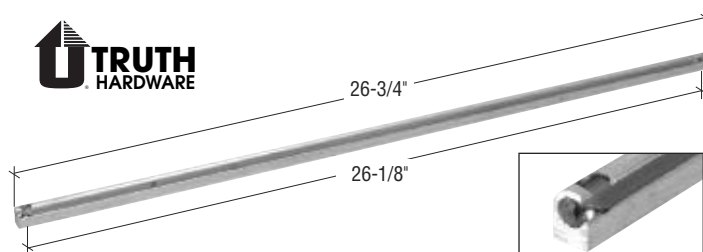


Steel Track for EntryGard® and Ellipse; Single, and Dual Arm Casement Operators Found on pages 418W-419W.

CAT. NO.	LENGTH	QTY/PKG
EP27039	11-3/8" (289 mm)	1
EP27040	13-3/4" (349 mm)	1

Minimum order: 1 pack.

CRL Truth Roto-Gear Operator Track



Steel Track for Roto-Gear Open Arm Operators used on awning windows. See page 422W for operator and shoe bracket.

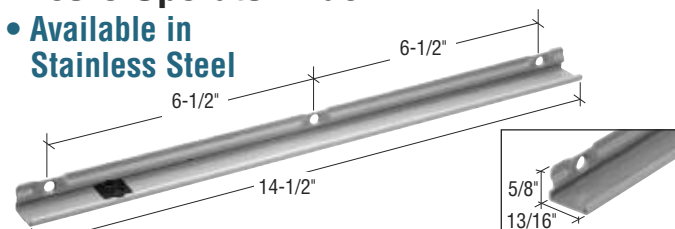
CAT. NO.	QTY/PKG
EP24094	1

Minimum order: 1 pack.

CRL Truth Maxim and Encore Operator Track



• Available in Stainless Steel



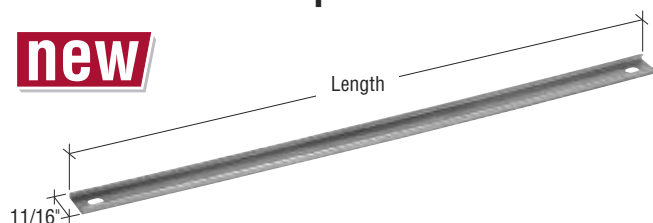
Track with Slider Guide for Maxim and Encore Casement Window Operators found on pages 423W-424W.

CAT. NO.	MATERIAL	QTY/PKG
EP27041	Steel	1
EP28017	Stainless Steel	1

Minimum order: 1 pack.

CRL Pivot Shoe Operator Track

new



Steel Track for Pivot Shoe Operators found on page 426W.
NOTE: WH23100 works with WH06215
WH23000 works with WH06315

CAT. NO.	LENGTH	QTY/PKG
WH23100	8-3/8" (213 mm)	1
WH23000	13-7/8" (352 mm)	1

Minimum order: 1 pack.

CRL Truth Awning Operator Track With Two Slider Guides

new

• Available in Stainless Steel



Track for Maxim and Encore Awning Window Operators found on pages 423W-424W.

CAT. NO.	MATERIAL	QTY/PKG
EP27043	Steel	1
EP28010	Stainless Steel	1

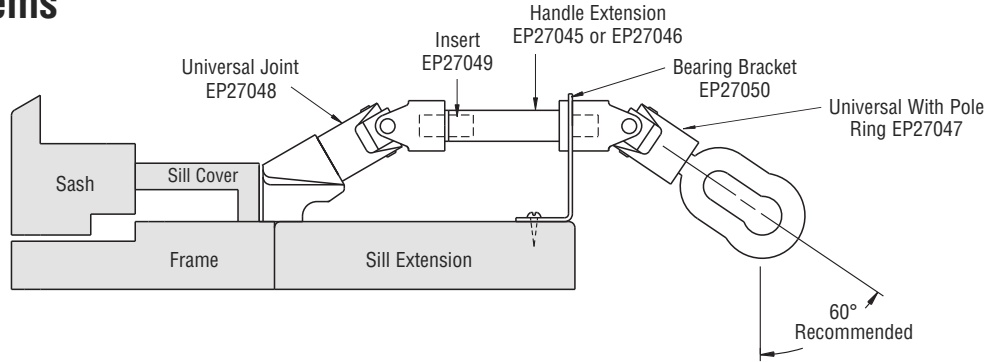
Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.
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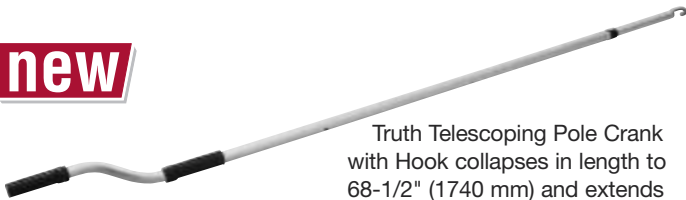
Application for CRL Truth Universal Pole and Ring Systems



CRL Truth Telescoping Pole Crank With Hook



new



Truth Telescoping Pole Crank with Hook collapses in length to 68-1/2" (1740 mm) and extends to 116-1/2" (2959 mm) for reaching skylight and casement operators, which are too high to reach by hand.

CAT. NO.	QTY/PKG
EP27044	1

Minimum order: 1 pack.

CRL Truth Handle Extensions



new



Truth Crank Handle Extensions are made from die cast zinc and have the standard 11/32" spline size.

CAT. NO.	FINISH	LENGTH	QTY/PKG
EP27045	White	2" (50.8 mm)	1
EP27046	White	4" (101.6 mm)	1

Minimum order: 1 pack.

CRL Truth Universal With Pole Ring



new

Truth Universal with Pole Ring is used on windows with operators too high to reach.
11/32" Spline.



CAT. NO.	FINISH	QTY/PKG
EP27047	White	1

Minimum order: 1 pack.

CRL Truth Universal Joint



new



Truth Universal Joints are made from die cast zinc and have a 11/32" spline size.

CAT. NO.	FINISH	QTY/PKG
EP27048	White	1

Minimum order: 1 pack.

CRL Truth Insert



new

Truth 11/32" Spline Inserts are made from die cast zinc and used to join Universals to Extensions or to the Pole Rings.



CAT. NO.	QTY/PKG
EP27049	1

Minimum order: 1 pack.

CRL Truth Bearing Bracket



new



Truth Bearing Brackets are made from stamped steel and are used to hold the Pole Ring in position on windows, which are too high to reach by hand.

CAT. NO.	FINISH	QTY/PKG
EP27050	White	1

Minimum order: 1 pack.

All Replacement Hardware can be combined for quantity pricing.
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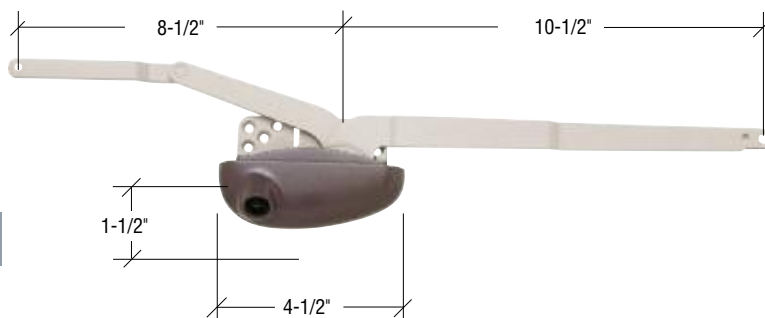
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NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Dual Arm Casement Operator

• Pro-Drive Crank System

Die cast Operator body with stamped steel arms; new sleek style Dual Arm Operator fits windows using the new Pro-Drive crank system. Handle sold separately, see Pro-Drive Crank Handle below.



Left Hand Shown

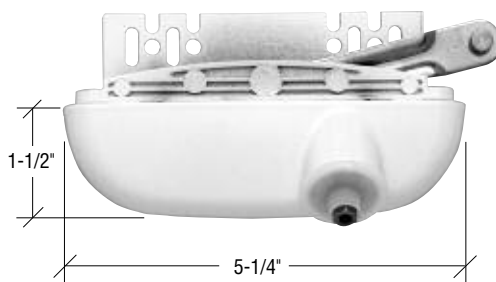
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4116	H4117	Bronze	1
H4114	H4115	White	1
H4118	H4119	Almond	1

Minimum order: 1 each.

CRL Dyad Casement Operator

• Roto-Drive System

Die cast Operator body with stamped steel arm; new sleek style Operator uses a standard (included) or folding Roto-Drive Handle, sold separately (see below). Connecting Arms sold separately, see Cat. Nos. H4082 and H4083 at right.



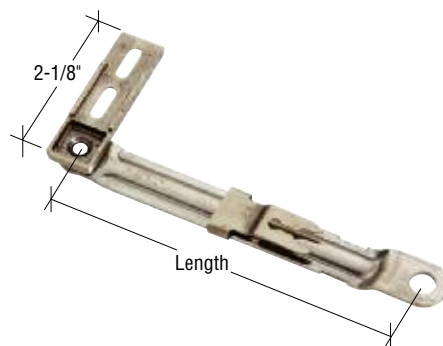
Right Hand Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4070	H4073	Cream	1
H4071	H4074	White	1
H4072	H4075	Almond	1

Minimum order: 1 each.

CRL Connecting Arm

• Fits Roto-Drive Dyad Operators



CAT. NO.	LENGTH	QTY/PKG
H4082	4-23/32"	1
H4083	6-5/16"	1

Minimum order: 1 pack.

CRL Folding Crank Handle

• Pro-Drive

Die cast Pro-Drive Folding Crank Handle has a 5/16" hex spindle for the Dual Arm Operators shown above.



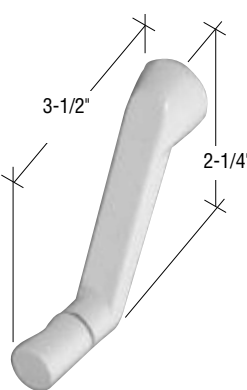
CAT. NO.	FINISH	QTY/PKG
H4068	Bronze	1
H4067	White	1
H4120	Almond	1

Minimum order: 1 pack.

CRL Crank Handle

• Roto-Drive

Die cast Roto-Drive Crank Handle has a 5/16" hex slot for the Dyad Operators shown above.



CAT. NO.	FINISH	QTY/PKG
H4076	Cream	1
H4077	White	1
H4078	Almond	1

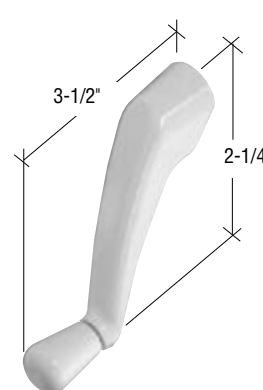
Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Folding Crank Handle

• Roto-Drive

Die cast Roto-Drive Folding Crank Handle has a 5/16" hex slot for the Dyad Operators shown above.



CAT. NO.	FINISH	QTY/PKG
H4079	Cream	1
H4080	White	1
H4081	Almond	1

Minimum order: 1 pack.

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CRL Casement Operator

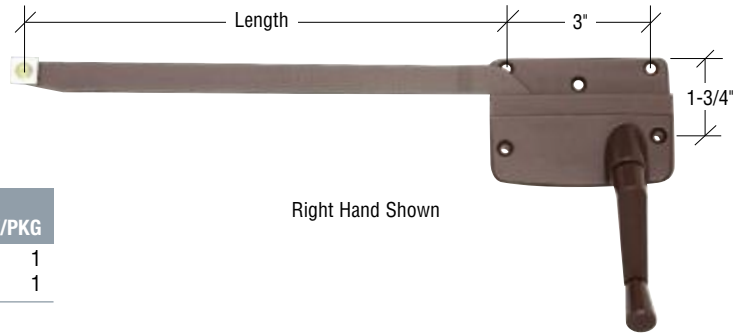
• For Andersen Wood Casement Windows

Die cast Operator body and Crank Handle with steel arm and gear; square nylon track guide; fits Andersen wood casement windows from 1960 to 1974.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	LENGTH	FINISH	QTY/PKG
H4000DU	H4001DU	7-1/2"	Bronze	1
H3998	H3999	9-7/8"	Bronze	1

Minimum order: 1 each.

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.



CRL Casement Operator

• For Andersen Wood Casement Windows

Die cast Operator body with steel arm and gear, black nylon track guide; fits Andersen wood casement windows from 1966 to 1974; Handle not included; we recommend Cat. No. H3533 (see page 440W) or Cat. No. H3537 (see page 439W).

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4003	H4004	Gray	1

Minimum order: 1 each.



CRL Casement Operator

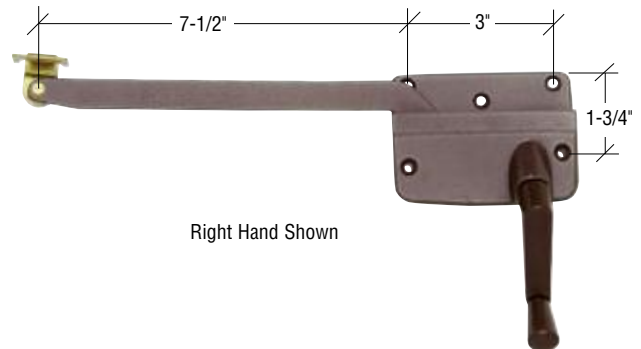
• For Andersen Wood Casement Windows

Die cast Operator body and Crank Handle with steel arm, brass slide shoe; fits Andersen wood casement windows from 1936 to 1945.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4010	H4011	Bronze	1

Minimum order: 1 each.

All packs of Replacement Hardware can be combined for quantity pricing.



CRL Spline Size Test Block

CRL now offers a handy new tool for the window repair person to quickly determine a crank handle spline size. This die cast Test Block has one each of the five spline size spindles. Simply slip a handle onto the various sizes of spindles to find the perfect match; raised numbers in the die cast block indicate the individual spindle size. Sizes include: 9/32"; 5/16"; 11/32"; 3/8"; and the "Special Deep" 3/8" size used exclusively on Pella brand casement operators.

CAT. NO.	QTY/PKG
93238	1

Minimum order: 1 pack.



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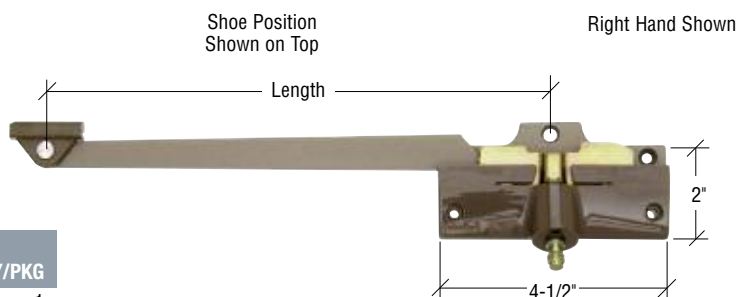
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CRL Casement Operator

Die cast Operator base with stamped steel arm; Plastic Slide is available riveted onto either the top or bottom of arm; Includes plastic Operator Cover. Crank Handle (Cat No. H3966) sold separately as shown below.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	LENGTH	FINISH	SHOE POSITION	QTY/PKG
H4017	H4018	10-1/8"	Stone	Top	1
H4012	H4013	11-1/8"	Stone	Top	1
H4015	H4016	11-1/8"	Stone	Bottom	1

Minimum order: 1 each.



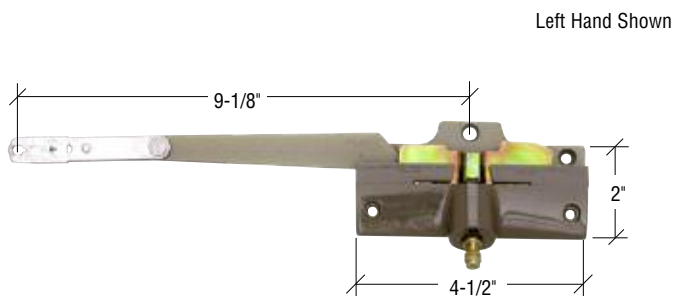
NOTE: Left or Right Hand is determined by the side the window hinge is on, when viewed from the inside.

CRL Dyad Casement Operator

Die cast Operator base with stamped steel arm; Includes plastic Operator Cover; Crank Handle (Cat No. H3966) sold separately as shown below.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4019	H4020	Stone	1

Minimum order: 1 each.



NOTE: Left or Right Hand is determined by the side the window hinge is on, when viewed from the inside.

CRL Operator Cover

Molded plastic Replacement Cover for old style Andersen Casement Operators (no longer available).



CAT. NO.	FINISH	QTY/PKG
H4027	Stone	1

Minimum order: 1 pack.

CRL Operator Cover

Molded plastic Replacement Covers for Cat. No. H4012 through H4020 style Andersen Casement Window Operators as shown above.



CAT. NO.	FINISH	QTY/PKG
H4028	Stone	1
H4029	White	1

Minimum order: 1 pack.

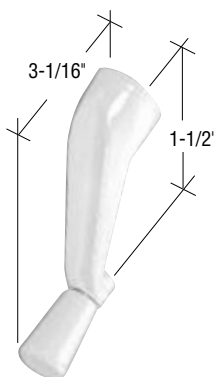
CRL Crank Handle

• 3/8" Spline Size

Die cast Crank Handle is designed to fit Andersen Casement Window Operators as shown above.

CAT. NO.	FINISH	QTY/PKG
H4106	White	1
H3966	Stone	1

Minimum order: 1 pack.



CRL Crank Handle

• 3/8" Spline Size

Die cast Crank Handle is designed to fit old style Andersen Casement Window Operators as shown in the chart below.

CAT. NO.	FINISH	FITS OPERATOR	QTY/PKG
H4002	Bronze	H3998	1
H4009	Satin Silver	H4003	1

Minimum order: 1 pack.

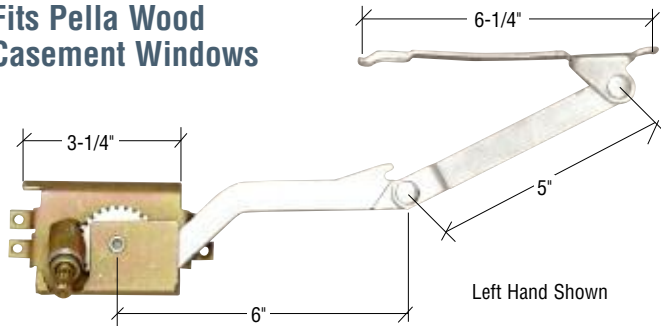


All packs of Replacement Hardware can be combined for quantity pricing.

CRL Casement Operator

Stamped steel Operator body with steel arm and gear; stamped steel sash attachment bar; fits Pella wood casement windows.

• Fits Pella Wood Casement Windows



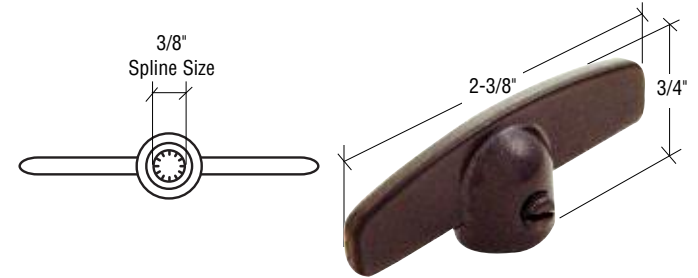
NOTE: Left or Right Hand is determined by the side the window hinge is on, when viewed from the inside.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H4141	H4142	1

Minimum order: 1 each.

CRL T-Crank Handle

Die cast T-Crank Handle fits Cat. No. H3998 through H4001DU Andersen Wood Casement Window Operators.



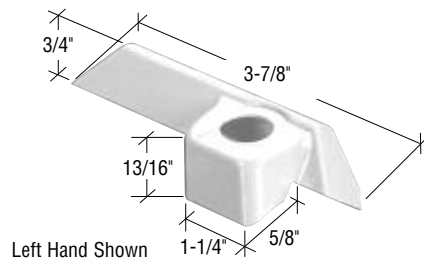
CAT. NO.	FINISH	QTY/PKG
H3808	Brown	2

Minimum order: 1 pack.

CRL Operator Cover

• Three Finishes

Molded plastic casement Operator Cover fits Pella brand window hardware.

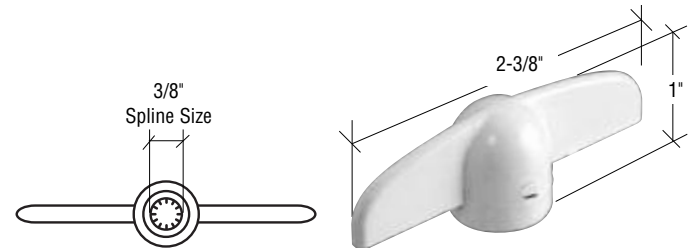


LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4095	H4060	White	1
H4094	H4059	Copperite	1
H4096	H4061	Champagne	1

Minimum order: 1 each.

CRL T-Crank Handle

Die cast T-Crank Handle fits Cat. Nos. H4017 and H4018 style Andersen Wood Casement Window Operators.

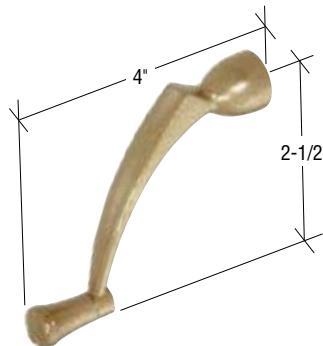


CAT. NO.	FINISH	QTY/PKG
H4097	White	2
H3968	Stone	2

Minimum order: 1 pack.

CRL Crank Handle

Die cast Crank Handle for casement window operators; 3/8" spline fits Pella brand window hardware.

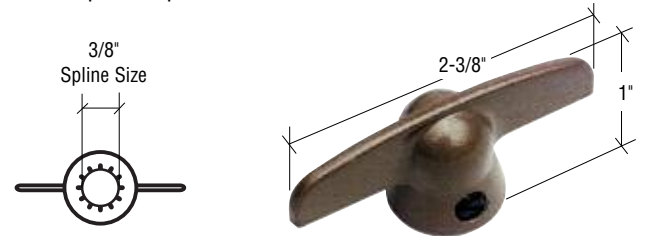


CAT. NO.	FINISH	QTY/PKG
H3956	Copperite	1
H3957	White	1
H3958	Champagne	1

Minimum order: 1 pack.

CRL T-Crank Handle

Die cast T-Crank Handle for casement window operators; Special deep 3/8" spline fits Pella brand window hardware.



CAT. NO.	FINISH	QTY/PKG
H3814	White	2
H3995	Copperite	2
H3813	Copper	2

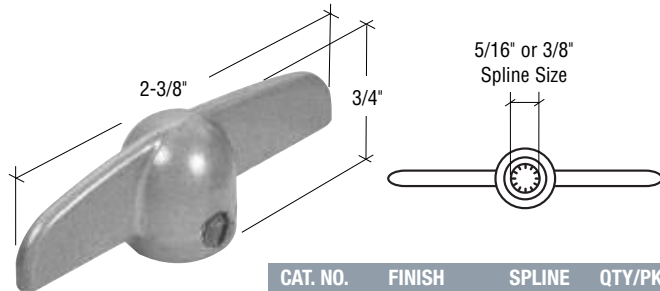
Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

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CRL T-Crank Handle

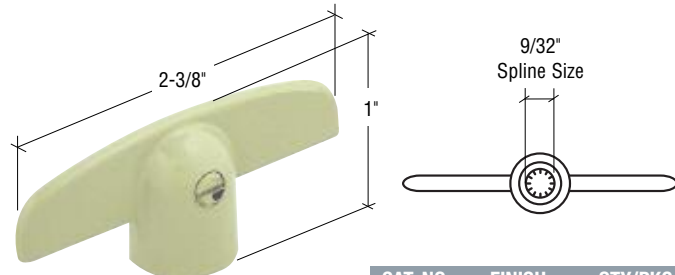


Replacement T-Crank Handle for casement window operators; die cast construction; available in two popular spline sizes.

CAT. NO.	FINISH	SPLINE	QTY/PKG
H3536	Aluminum	5/16"	2
H3624	Bronze	5/16"	2
H3714	White	5/16"	2
H3537	Aluminum	3/8"	2
H3625	Bronze	3/8"	2
H3715	White	3/8"	2

Minimum order: 1 pack.

CRL T-Crank Handle

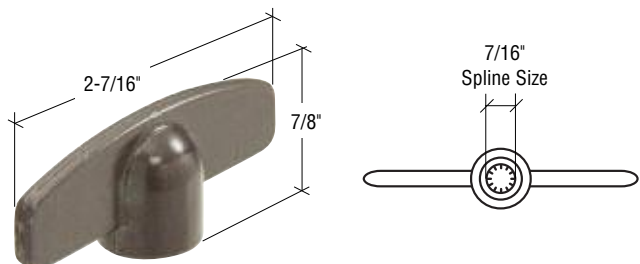


Die cast T-Crank Handle with 9/32" spline fits Peachtree brand casement window operators.

CAT. NO.	FINISH	QTY/PKG
H4046	White	2
H3812	Driftwood	2

Minimum order: 1 pack.

CRL T-Crank Handle

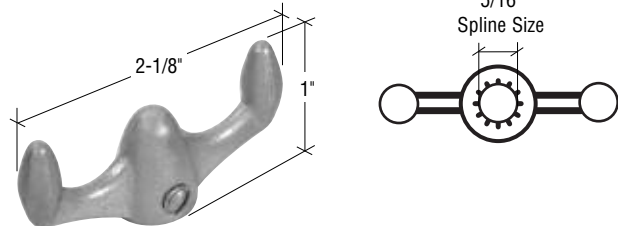


Die cast T-Crank Handle with a special deep 7/16" spline fits Marvin brand windows.

CAT. NO.	FINISH	QTY/PKG
H3824	Dark Bronze	2

Minimum order: 1 pack.

CRL T-Crank Handle



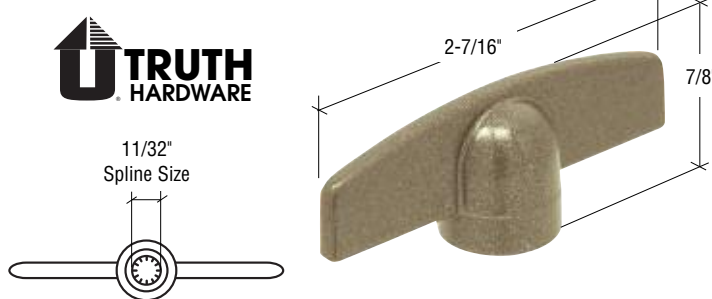
Die cast T-Crank Handle with 5/16" spline fits Parlyn brand casement window operators.

CAT. NO.	FINISH	QTY/PKG
H3538	Aluminum	1

Minimum order: 1 pack.

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CRL Truth T-Crank Handle

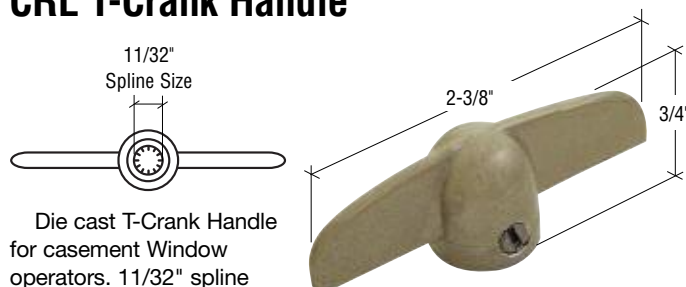


Die cast T-Crank Handle with 11/32" spline and snap-on feature, which eliminates the need for a set screw; fits Operators made by Truth Hardware.

CAT. NO.	FINISH	QTY/PKG
EP22134	Bronze	1
EP22135	Coppertone	1
EP22136	Gold	1
EP22137	Bright Brass	1
EP22142	White	1
EP24036	Clay	1

Minimum order: 1 pack.

CRL T-Crank Handle



Die cast T-Crank Handle for casement Window operators. 11/32" spline fits Truth brand hardware.

CAT. NO.	FINISH	QTY/PKG
H3801	Coppertone	2
H3802	Bronze	2
H3803	Brown	2
H3804	White	2
H3805	Chestnut Bronze	2
H3806	Brass	2

Minimum order: 1 pack.

CRL Universal T-Crank Handle

Each Universal T-Crank Handle comes with five spline inserts which match the most popular casement operator sizes: 9/32", 5/16", 11/32", 3/8", and 3/8" deep for Pella. Each package contains two Handles and five pairs of Adapters.



CAT. NO.	FINISH	QTY/PKG
H3885	Aluminum	2
H3892	White	2
H3893	Bronze	2
H3894	Brown	2
H3895	Driftwood	2
H3896	Champagne	2

Minimum order: 1 pack.

CRL CASEMENT WINDOW HARDWARE

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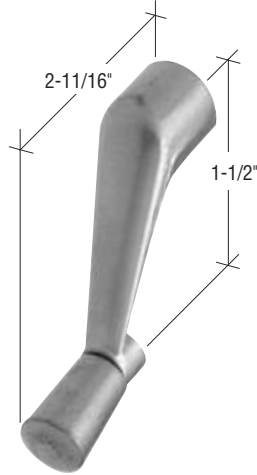
CRL Crank Handle

• 5/16" or 3/8" Spline Size

Die cast Crank Handle for casement window operators.

CAT. NO.	FINISH	SPLINE	QTY/PKG
H3531	Aluminum	5/16"	1
H3532	Bronze	5/16"	1
H3712	White	5/16"	1
H3533	Aluminum	3/8"	1
H3534	Bronze	3/8"	1
H3713	White	3/8"	1

Minimum order: 1 pack.



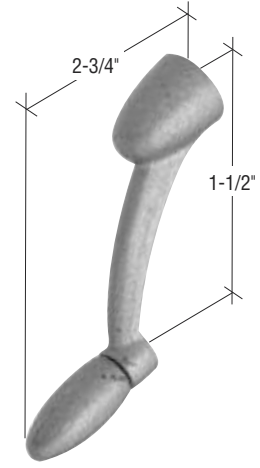
CRL Crank Handle

• 5/16" Spline Size

Die cast Crank Handle fits Parlyn casement window operators. For T-Crank Handle see Cat. No. H3538 on page 439W.

CAT. NO.	FINISH	QTY/PKG
H3535	Aluminum	1

Minimum order: 1 pack.



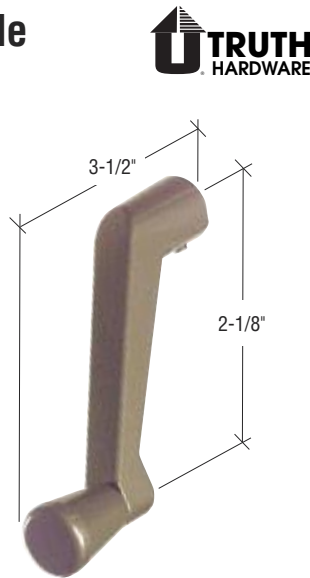
CRL Truth Crank Handle

• 11/32" Spline Size

Die cast Crank Handle for casement window operators. 11/32" spline fits Truth brand window hardware.

CAT. NO.	FINISH	QTY/PKG
EP21996	Bronze	1
EP21998	Coppertone	1
EP22007	White	1
EP21999	Gold	1
EP24076	Clay	1
WH24511	Aluminum	1
WH24515	Champagne	1

Minimum order: 1 pack.

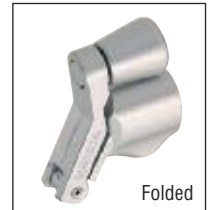
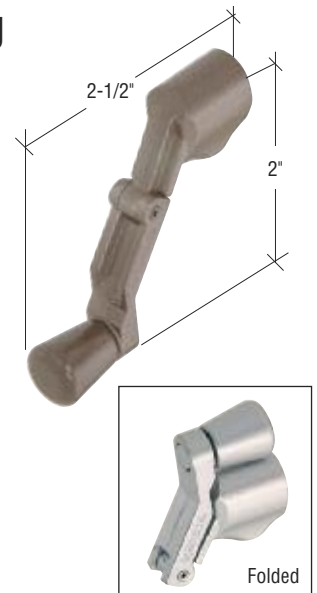


CRL Universal Folding Crank Handle

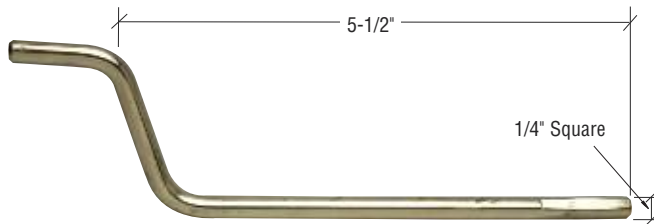
Folding die cast Crank Handle comes with a multi-fit collapsing jaw which fits the most popular casement operator sizes: 9/32", 5/16", 11/32", 3/8", and 3/8" deep for Pella windows. Each package contains one Crank Handle.

CAT. NO.	FINISH	QTY/PKG
H3959	Aluminum	1
H3960	Bronze	1
H3961	Coppertone	1
H3962	White	1

Minimum order: 1 pack.



CRL Wood Operator Casement Handle



Brass plated die cast Handle with 1/4" square drive shank; fits Cat. No. H3528 and H3687 Wood Casement Operators shown on page 417W.

CAT. NO.	FINISH	QTY/PKG
H3575	Brass Plated	1

Minimum order: 1 pack.



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ANY TIME**

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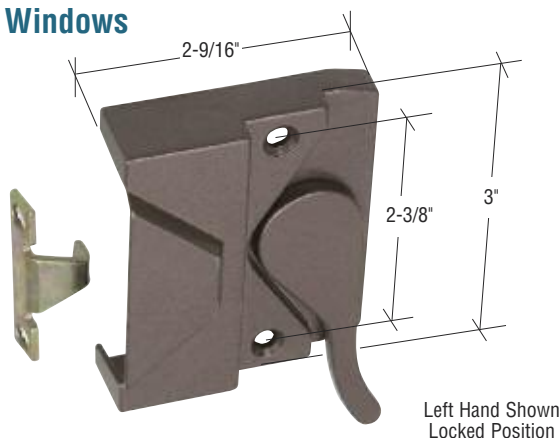
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ALUMINUM 440W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Sash Lock

- For Wood or Vinyl Windows



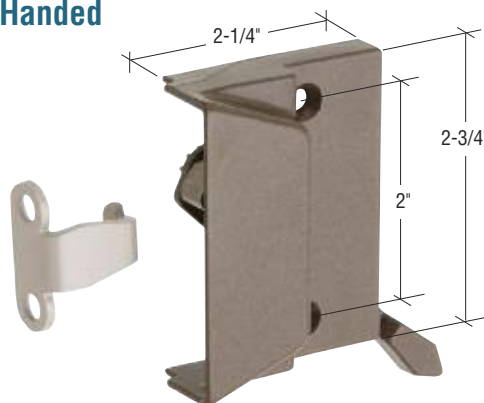
Die cast Latch Body and Lever with a stamped steel latch; baked enamel finish; stamped steel Keeper; handing is determined by window hinge location from inside the window looking out.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H3572	H3573	Bronze	1
H3951	H3953	White	1

Minimum order: 1 pack.

CRL Truth Low Profile Sash Lock

- Non-Handed



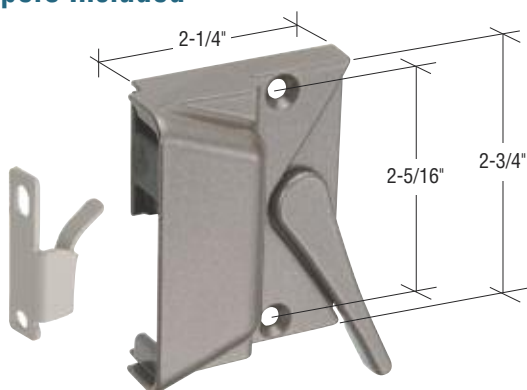
Die cast Latch Body, Lever, and Locking Cog; low profile design is non-handed; baked enamel finish; includes the most common style Keeper.

CAT. NO.	FINISH	QTY/PKG
EP23053	Bronze	1
EP23054	Coppertone	1
EP23056	White	1

Minimum order: 1 pack.

CRL Truth Sash Lock

- Left and Right Handed Keepers Included

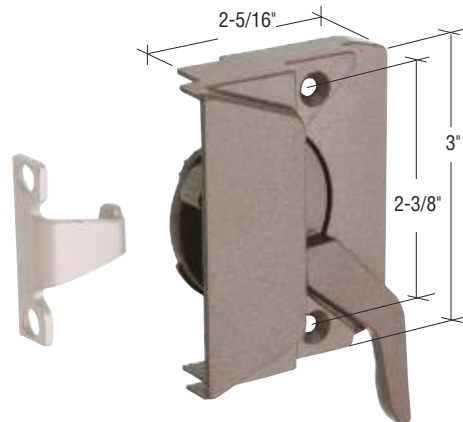


Die cast Latch Body and Lever with a stamped steel latch; baked enamel finish; includes right and left hand stamped steel Keepers; cam action feature kicks sash out away from jamb .093" (2.4 mm) to free tight or stuck sashes when unlatched; Latch also creates a tight seal by drawing sash inward .437" (11 mm) when latched.

CAT. NO.	FINISH	QTY/PKG
EP24152	Bronze	1
EP24153	White	1

Minimum order: 1 pack.

CRL Truth Sash Lock



Die cast Latch Body, Lever, and Locking Cog; latch was a re-design of EP23095 style latches and will interchange; new design gives a full 5/8" (16 mm) draw in of the sash for a tight seal even with some slight bow or warp on older sashes; baked enamel finish; includes stamped steel Keeper. Handing is determined by window hinge location from inside the window looking out.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23044	EP23048	Bronze	1
EP23045	EP23049	Coppertone	1
EP23047	EP23051	White	1
EP24005	EP24006	Gold	1

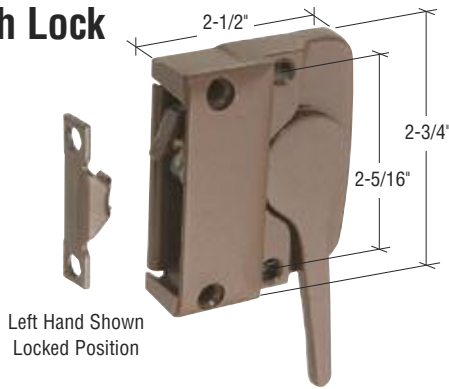
Minimum order: 1 pack.

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CRL Sash Lock



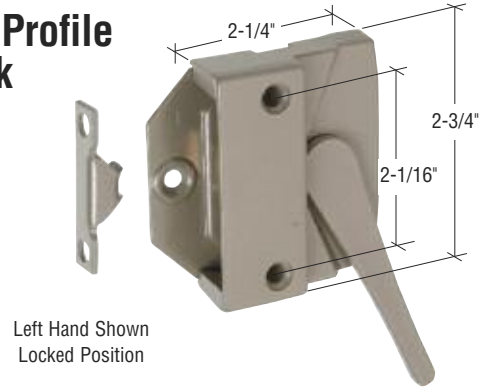
Left Hand Shown
Locked Position

Die cast Latch Body and Lever; stamped steel latch; baked enamel finish; stamped steel Keeper; fits Andersen brand windows; works with Cat. No. H3998 and H4012 style Operators as shown on pages 436W-437W; handing is determined by window hinge location from the inside of the window looking out.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4025	H4026	Bronze	1

Minimum order: 1 pack.

CRL Low Profile Sash Lock



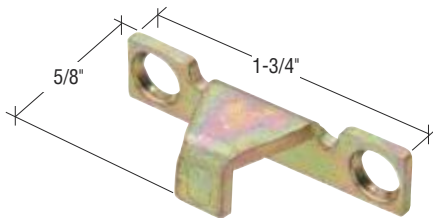
Left Hand Shown
Locked Position

Die cast latch Body and Lever; stamped steel latch; baked enamel finish; includes stamped steel Keeper; fits Andersen brand windows; works with Cat. No. H4015 style Operator as shown on page 437W; handing is determined by window hinge location from the inside of the window looking out.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4023	H4024	Bronze	1

Minimum order: 1 pack.

CRL Sash Lock Keeper

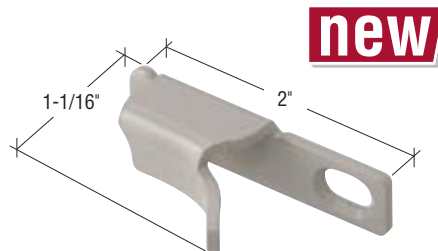


Stamped steel Keeper with plated finish to protect against corrosion; non-handed; works with Cat. No. H3572 and H3573 Casement Locks shown on page 441W.

CAT. NO.	QTY/PKG
H3574	1

Minimum order: 1 pack.

CRL Sash Lock Keepers

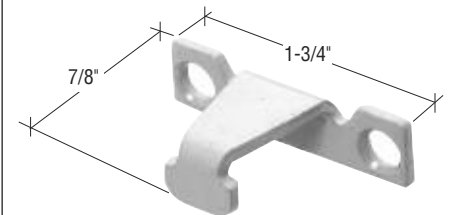


Stamped steel Keepers with baked enamel finish to protect against corrosion; left and right handed pair, fits Cat. No. EP24152 and EP24153 Sash Locks shown on page 441W.

CAT. NO.	QTY/PKG
EP24155	1 Pair

Minimum order: 1 pack.

CRL Sash Lock Keeper

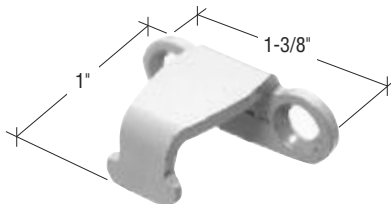


Stamped steel Keeper with baked enamel finish to protect against corrosion; non-handed; fits Cat. No. EP23044 through EP23051 and EP24005 through EP24006 Sash Locks shown on page 441W.

CAT. NO.	QTY/PKG
EP22453	1

Minimum order: 1 pack.

CRL Sash Lock Keeper

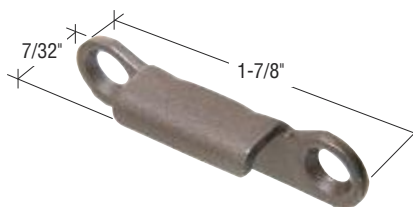


Stamped steel Keeper with baked enamel finish to protect against corrosion; non-handed; fits low profile Cat. No. EP23053 through EP23056 Sash Locks shown on page 441W.

CAT. NO.	QTY/PKG
EP22499	1

Minimum order: 1 pack.

CRL Sash Lock Keeper



Stamped steel Keeper with baked enamel finish to protect against corrosion; non-handed.

CAT. NO.	QTY/PKG
EP22322	1

Minimum order: 1 pack.

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CRL Glass Cleaner

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- Low Ammoniated
- Big 19 Ounce Cans



See page 902W

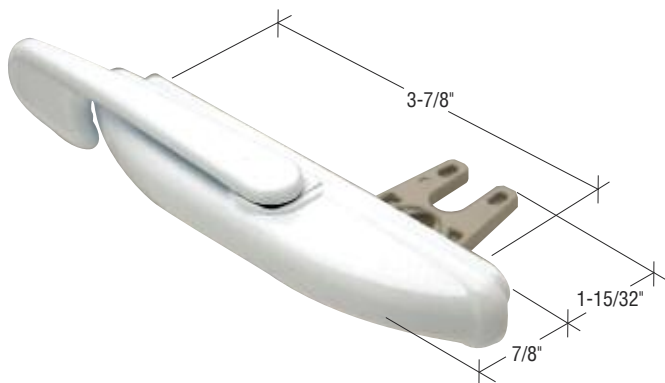


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CRL Multi-Point Latch Actuator

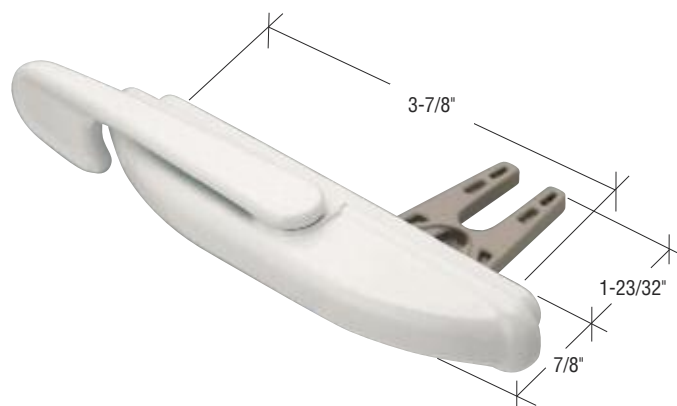


Die cast Latch Actuator body and Lever used to actuate multi-point casement window latching systems; non-handed; fits Roto hardware systems.

CAT. NO.	FINISH	QTY/PKG
H4087	Bronze	1
H4085	White	1
H4084	Cream	1
H4086	Almond	1

Minimum order: 1 pack.

CRL Multi-Point Latch Actuator

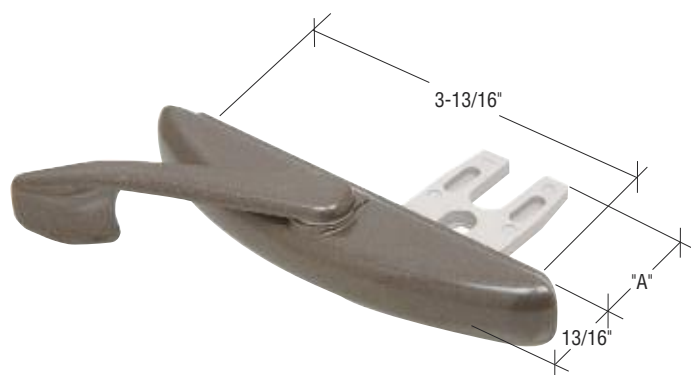


Die cast Latch Actuator body and Lever used to actuate multi-point casement window latching systems; non-handed; fits Roto hardware systems.

CAT. NO.	FINISH	QTY/PKG
H4091	Bronze	1
H4089	White	1
H4088	Cream	1
H4090	Almond	1

Minimum order: 1 pack.

CRL Truth Multi-Point Latch Actuator

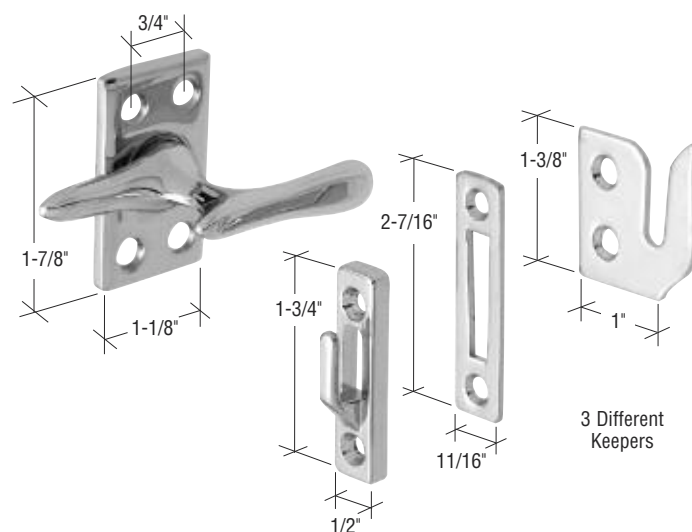


Die cast Latch Actuator body and Lever used to actuate multi-point casement window latching systems; non-handed.

CAT. NO.	FINISH	"A" DIM.	QTY/PKG
EP24016	Bronze	1-11/16"	1
EP24017	Coppertone	1-11/16"	1
EP24015	White	1-11/16"	1
EP24014	Cream	1-11/16"	1
WH12411	Aluminum	1-3/8"	1
WH12415	Champagne	1-3/8"	1
WH12422	Bronze	1-3/8"	1

Minimum order: 1 pack.

CRL Casement Sash Lock



Die cast Latch Hook has three different Keepers to choose from; non-handed; popular for use on on wood casement windows; painted or plated finish.

CAT. NO.	FINISH	QTY/PKG
H3553	Brass	1
H3683	Antique Brass	1
H3684	Chrome	1
H3836	White	1

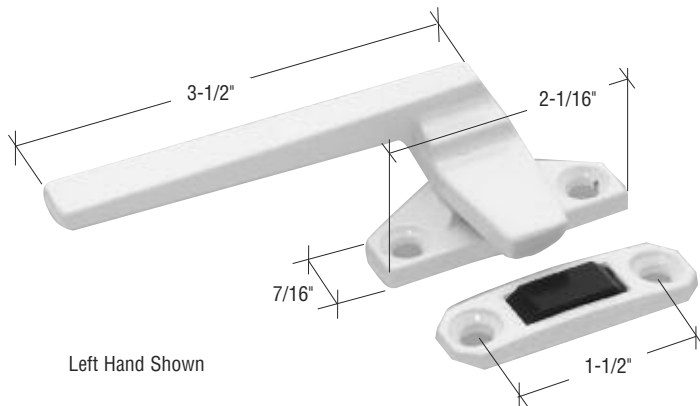
Minimum order: 1 pack.

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CRL Casement Locking Handle



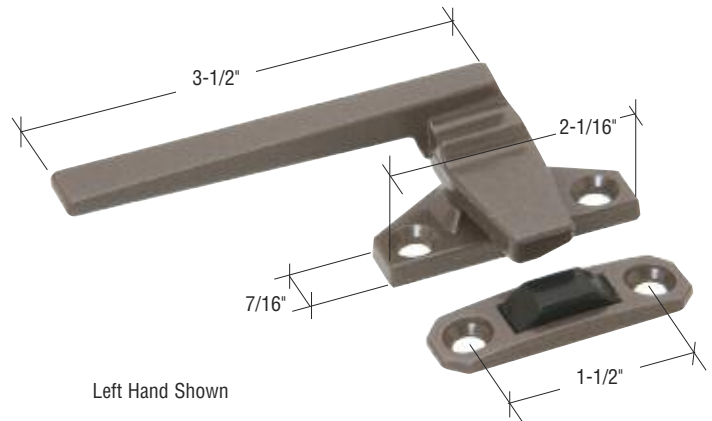
Left Hand Shown

Die cast Handle, base and strike housing; plastic strike insert; strike insert height .276" (7 mm).

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H3596	H3597	Aluminum	1
H3598	H3599	Bronze	1
H3820	H3821	White	1

Minimum order: 1 pack.

CRL Truth Casement Locking Handle



Left Hand Shown

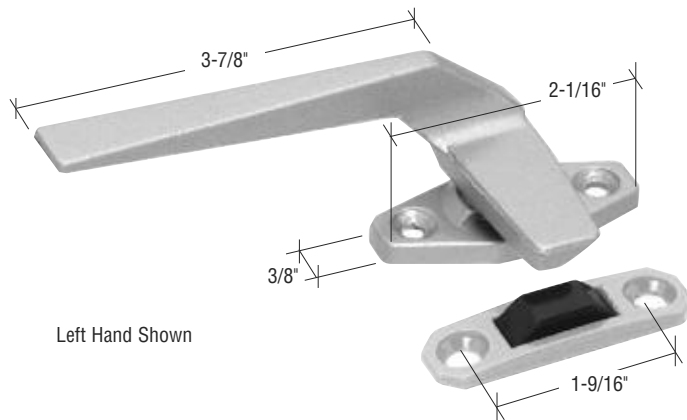
Die cast Handle, base and strike housing; includes two black polyester strike inserts to accommodate the most popular mounting applications; strike insert heights .218" and .344" (5.5 and 8.7 mm).

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23057	EP23058	Bronze	1
EP23059	EP23060	White	1

Minimum order: 1 pack.

CRL Casement Locking Handle

• Offset Base



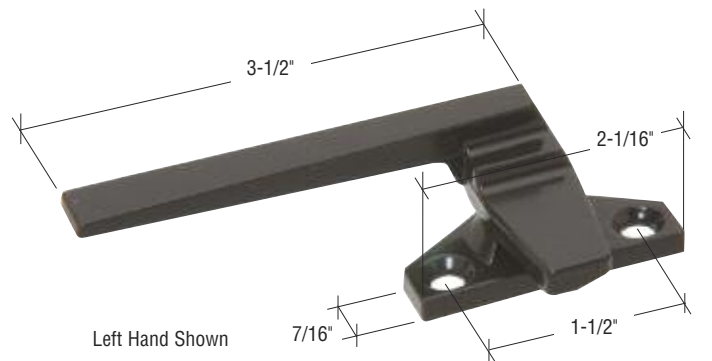
Left Hand Shown

Die cast Handle, base and strike housing; plastic strike insert; strike insert height .276" (7 mm).

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H3853	H3854	Aluminum	1
H3855	H3856	Bronze	1

Minimum order: 1 pack.

CRL Casement Locking Handle



Left Hand Shown

Die cast Handle and base; does not include Keeper.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
DS2529BL	DS2530BL	Black	1
DS2529BRW	DS2530BRW	Brown	1
DS2529W	DS2530W	Bright White	1
WH24011L	WH24011R	Aluminum	1
WH24015L	WH24015R	Champagne	1
WH24022L	WH24022R	Bronze	1

Minimum order: 1 pack.

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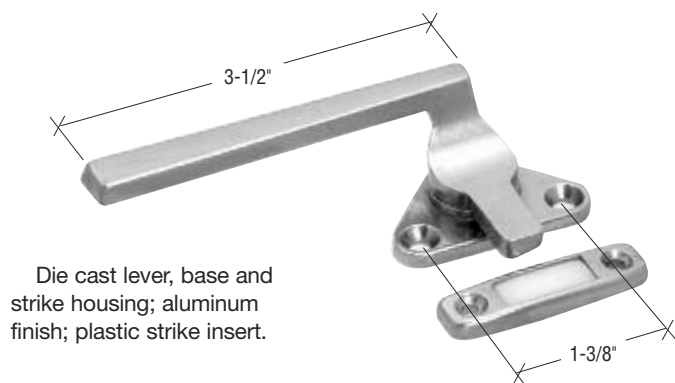
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CRL Casement Locking Handle



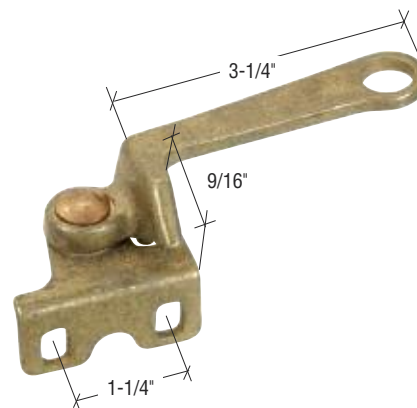
Die cast lever, base and strike housing; aluminum finish; plastic strike insert.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3681	H3682	1

Minimum order: 1 pack.

Left Hand Shown

CRL Casement Locking Handle

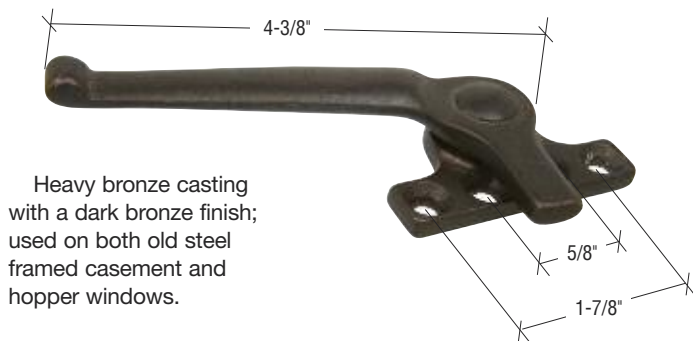


Heavy bronze casting with a bronze lacquered finish; used on dual projecting windows manufactured by Lupton.

CAT. NO.	QTY/PKG
H3655	1

Minimum order: 1 pack.

CRL Casement Locking Handle

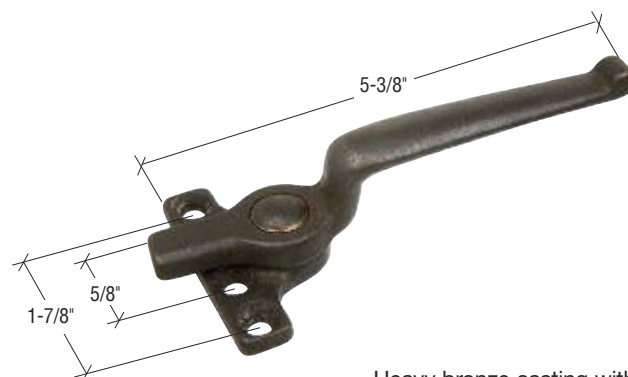


Heavy bronze casting with a dark bronze finish; used on both old steel framed casement and hopper windows.

CAT. NO.	QTY/PKG
H3646	1

Minimum order: 1 pack.

CRL Casement Locking Handle

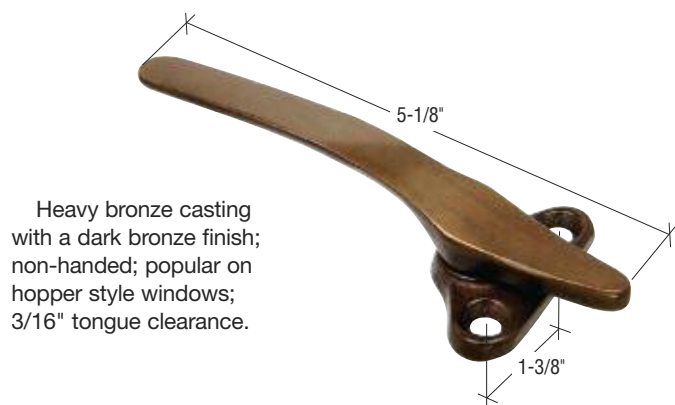


Heavy bronze casting with a dark bronze finish; non-handed; popular on hopper style windows; 1/4" tongue clearance.

CAT. NO.	QTY/PKG
H3648	1

Minimum order: 1 pack.

CRL Casement Locking Handle

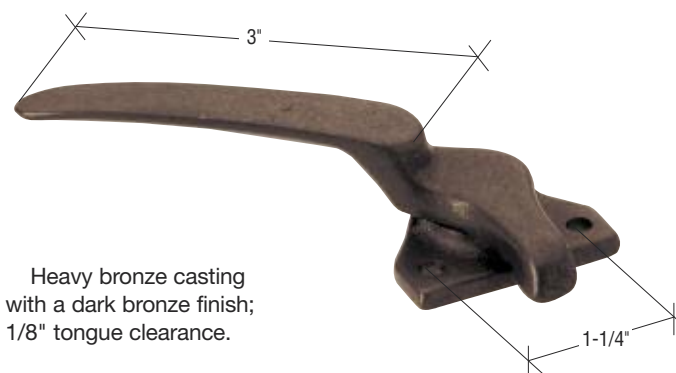


Heavy bronze casting with a dark bronze finish; non-handed; popular on hopper style windows; 3/16" tongue clearance.

CAT. NO.	QTY/PKG
H3643	1

Minimum order: 1 pack.

CRL Casement Locking Handle



Heavy bronze casting with a dark bronze finish; 1/8" tongue clearance.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3644	H3645	1

Minimum order: 1 pack.

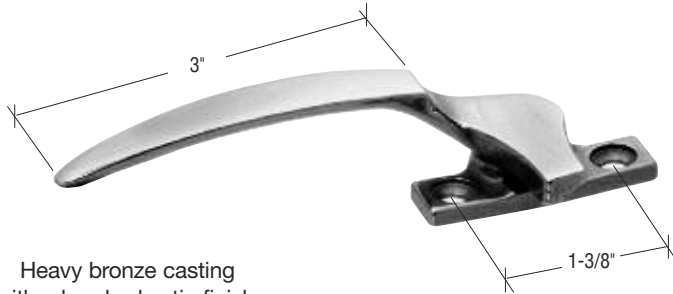
Left Hand Shown

All packs of Replacement Hardware can be combined for quantity pricing.

CRL CASEMENT WINDOW HARDWARE

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CRL Casement Locking Handle



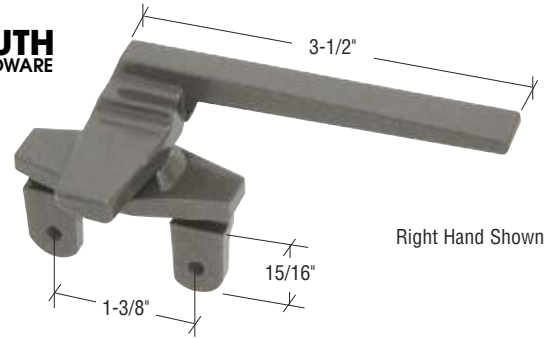
Heavy bronze casting with a brushed satin finish; 5/16" tongue clearance.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3602	H3603	1

Minimum order: 1 pack.

Left Hand Shown

CRL Truth Casement Locking Handle



Right Hand Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
EP24091	EP24092	1

Minimum order: 1 pack.

Die cast Locking Handle in chestnut bronze finish. Due to the large variety of strikes, the strike can be special ordered.

CRL Casement Locking Handle

new



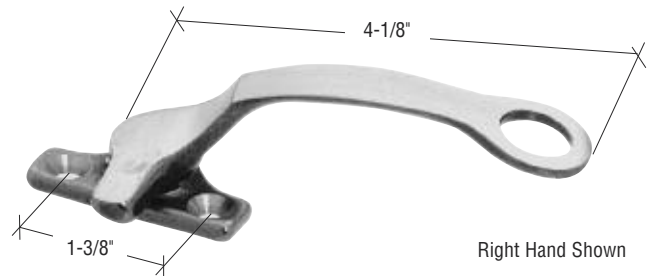
Die cast Locking Handle in champagne finish; hole in Handle is for use in elevated window requiring transom poles and hooks.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
WH25415L	WH25415R	1

Minimum order: 1 pack.

Left Hand Shown

CRL Casement Locking Handle



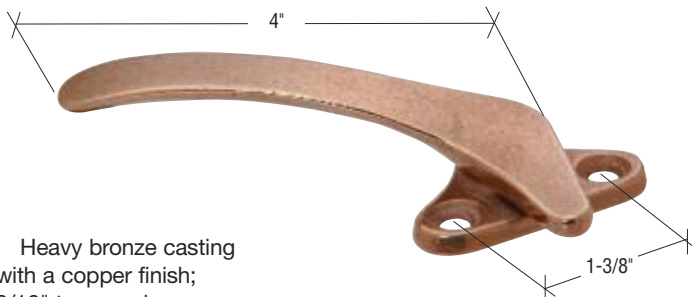
Right Hand Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3600	H3601	1

Minimum order: 1 pack.

Heavy bronze casting with a brushed satin nickel finish; hole in Handle is for use in elevated windows requiring transom poles and hooks; 5/16" tongue clearance.

CRL Casement Locking Handle



Heavy bronze casting with a copper finish; 3/16" tongue clearance.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3640	H3641	1

Minimum order: 1 pack.

Left Hand Shown

CRL Casement Locking Handle



Right Hand Shown

CAT. NO.	QTY/PKG
H3642	1

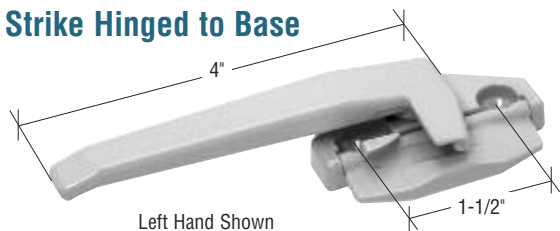
Minimum order: 1 pack.

Heavy bronze casting with a dark bronze finish; 3/16" tongue clearance.

All packs of Replacement Hardware can be combined for quantity pricing.
Truth Hardware is a registered trademark of Truth Hardware Corporation.

CRL Casement Locking Handle

• Strike Hinged to Base

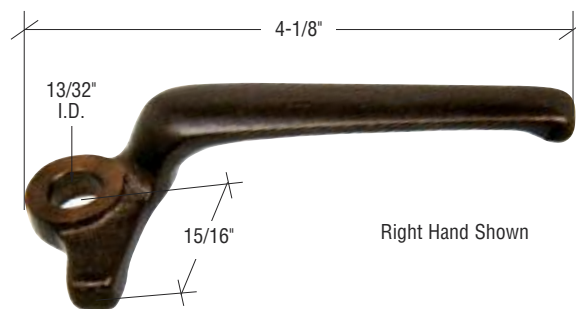


Die cast Handle and base with a unique spring-loaded molded plastic strike which is hinged to the base so that it swings up, allowing the sash to open when the lever is moved into the open position.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
DS325AL	DS324AL	Aluminum	1
DS325BL	DS324BL	Black	1
DS325BRW	DS324BRW	Brown	1
DS325W	DS324W	White	1

Minimum order: 1 pack.

CRL Casement Locking Handle



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3649	H3650	1

Heavy bronze casting with a dark bronze finish; fits on old style Fenestra windows.

Minimum order: 1 pack.

CRL Casement Locking Handle



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3651	H3652	1

Minimum order: 1 pack.

Heavy bronze casting with a dark bronze Finish.

CRL Casement Locking Handle

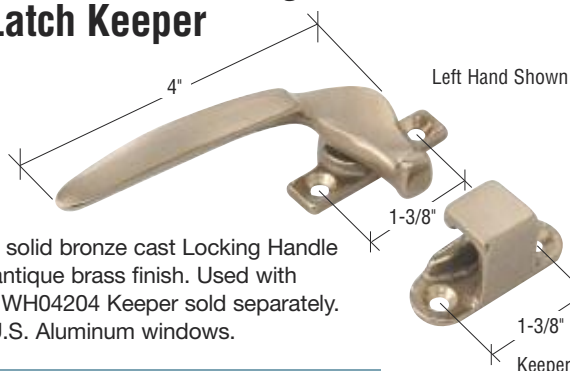


CAT. NO.	QTY/PKG
H3656	1

Minimum order: 1 pack.

Single 5/16 inch (7.9 mm) screw hole fits older style steel casement windows which project inwards.

CRL Casement Locking Handle and Latch Keeper



Heavy solid bronze cast Locking Handle with an antique brass finish. Used with Cat. No. WH04204 Keeper sold separately. Fits on U.S. Aluminum windows.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	KEEPER CAT. NO.	QTY/PKG
WH04104L	WH04104R	WH04204	1

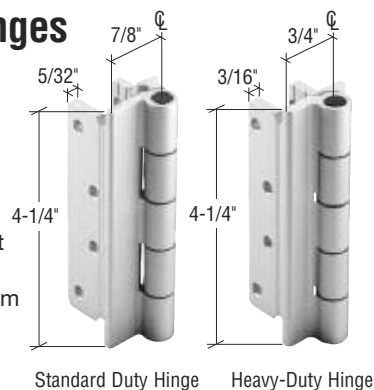
Minimum order: 1 pack.

CRL Casement Hinges

• Standard Duty and Heavy-Duty Models

These die cast Casement Hinges have a five knuckle butt hinge design. Available in two finishes. Used on U.S. Aluminum 7200-7400 Series Windows.

NOTE: Screws not supplied.



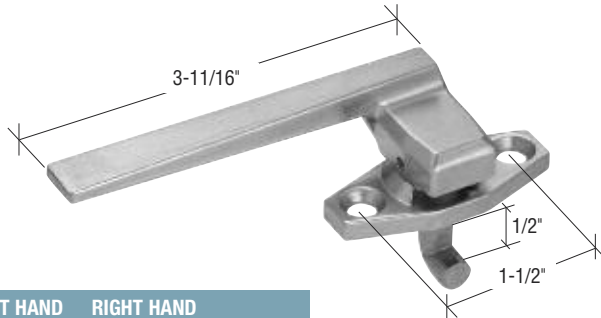
STANDARD DUTY CAT. NO.	HEAVY-DUTY CAT. NO.	FINISH	QTY/PKG
WH73811	WH74811	Aluminum	1
WH73822	WH74822	Bronze	1

Minimum order: 1 each.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Locking Handle With Concealed Pawl

Die cast Locking Handle with a champagne finish; 1/2" hook projection.



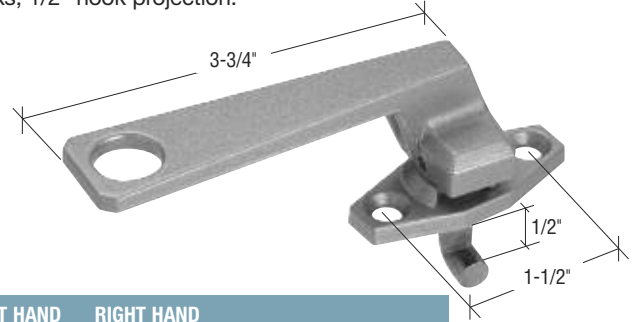
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
WH25915L	WH25915R	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

Left Hand Shown

CRL Cam Handle With Concealed Pawl

Die cast Cam Handle With Concealed Pawl; hole in handle is for use in elevated windows requiring transom poles and hooks; 1/2" hook projection.



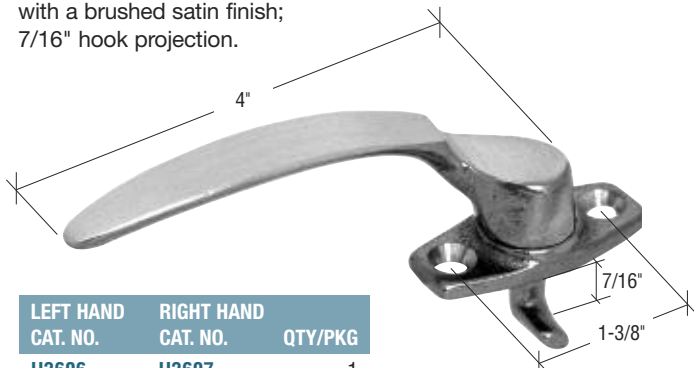
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WH24311L	WH24311R	Aluminum	1
WH24315L	WH24315R	Champagne	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

Left Hand Shown

CRL Casement Locking Handle With Concealed Pawl

Heavy bronze casting with a brushed satin finish; 7/16" hook projection.



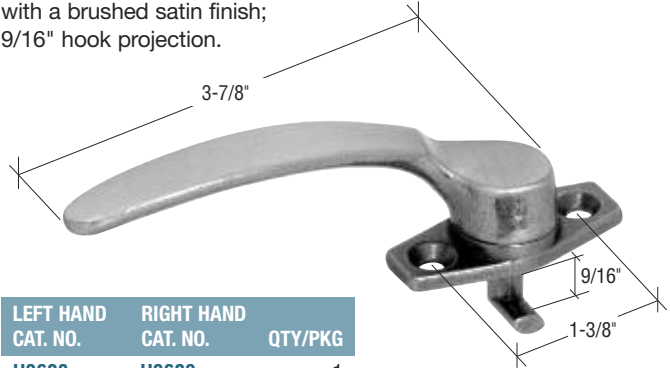
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3606	H3607	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

Left Hand Shown

CRL Casement Locking Handle With Concealed Pawl

Heavy bronze casting with a brushed satin finish; 9/16" hook projection.

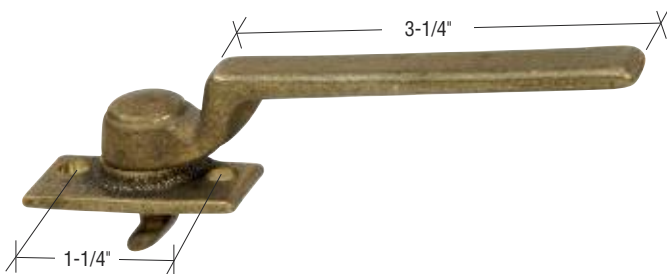


LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3608	H3609	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

Left Hand Shown

CRL Casement Locking Handle



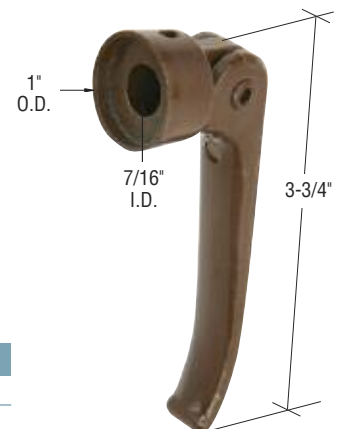
CAT. NO.	QTY/PKG
H3661	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

Heavy bronze casting with a dark bronze lacquered finish; used on windows manufactured by Lupton; 1/4" tongue clearance.

CRL Casement Locking Handle

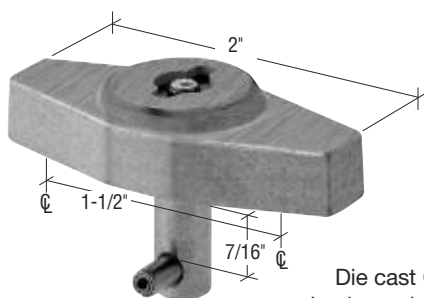
Zinc die cast lever Pull Handle; fits old style Fenestra windows; unlocks window by lifting Handle.



CAT. NO.	QTY/PKG
H3657	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Casement Custodial Lock With Concealed Pawl



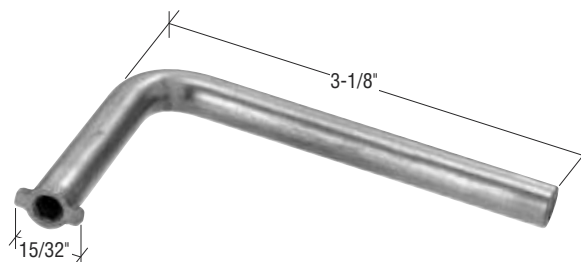
Die cast Casement Custodial Lock requires special key Cat. No. WH03700 (shown at right) to operate; 7/16" projection. **NOTE:** Requires two #10-24 self-tapping Phillips Head screws for installation.

CAT. NO.	FINISH	QTY/PKG
WH02311	Aluminum	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Custodial Lock Key

- For Use With Cat. No. WH02311

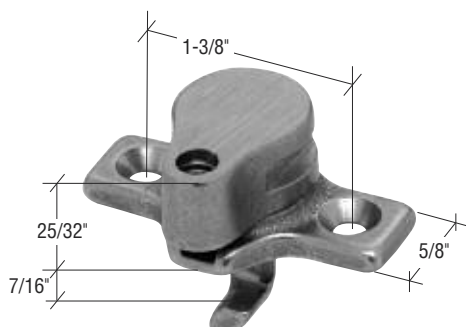


CAT. NO.	QTY/PKG
WH03700	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

This Custodial Lock Key is required to operate Cat. No. WH02311 Casement Custodial Locks (shown at left).

CRL Casement Lock



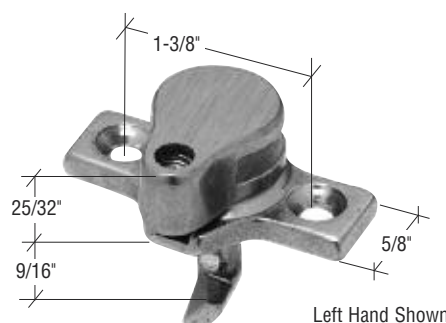
Left Hand Shown

Heavy bronze casting with a brushed satin finish; 7/16" projection; used on institutional and commercial windows; Latch has an Allen set screw to prevent unauthorized opening.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3634	H3635	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Casement Lock



Left Hand Shown

Heavy bronze casting with a brushed satin finish; 9/16" projection; used on institutional and commercial windows; Latch has an Allen set screw to prevent unauthorized opening.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3636	H3637	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Casement Lock

- Non-Handed



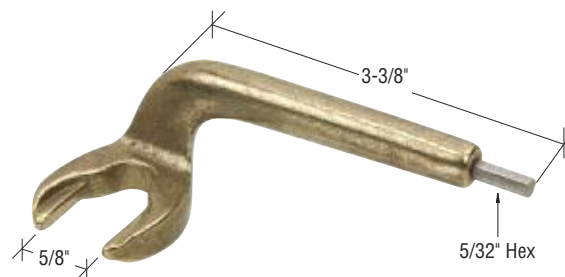
Heavy bronze casting with a brushed satin finish; 5/16" projection; used on institutional and commercial windows; Latch has an Allen set screw to prevent unauthorized opening.

CAT. NO.	QTY/PKG
H3633	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Lock Wrench

- Combination Wrench and Hex Tool



Heavy bronze wrench with a hardened steel Allen wrench attached for locking and opening Cat. No. H3634 through Cat. No. H3637 Casement Locks.

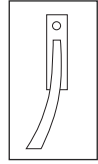
CAT. NO.	QTY/PKG
H3638	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

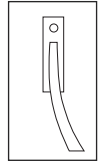
CRL CASEMENT WINDOW HARDWARE

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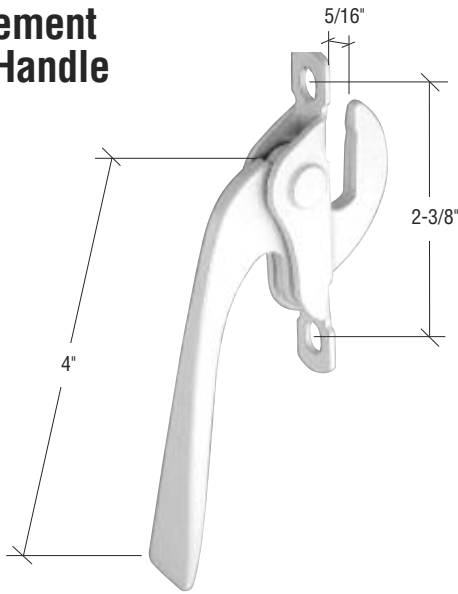
CRL Casement Locking Handle



Left Hand



Right Hand

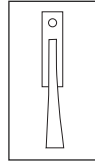


Die cast Locking Handle with a painted finish; used on aluminum and steel framed casement windows.

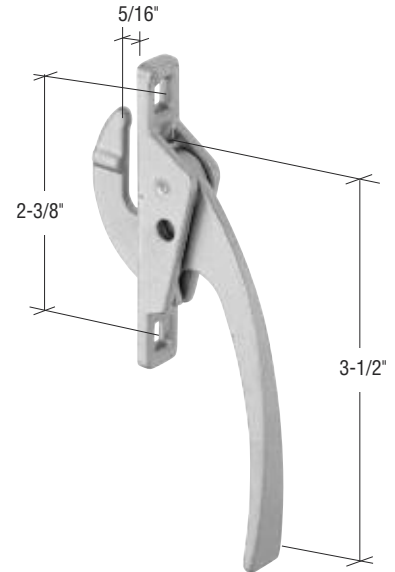
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H3541	H3542	Aluminum	1
H3543	H3544	Bronze	1
H3717	H3718	White	1

Minimum order: 1 pack.

CRL Casement Locking Handle



Non-Handed



Die cast Locking Handle with a painted finish; non-handed; used on aluminum and steel framed casement windows; Latch and base have a thru-hole for an optional 1/8" (3.2 mm) diameter security pin.

CAT. NO.	FINISH	QTY/PKG
H3539	Aluminum	1
H3540	Bronze	1
H3716	White	1

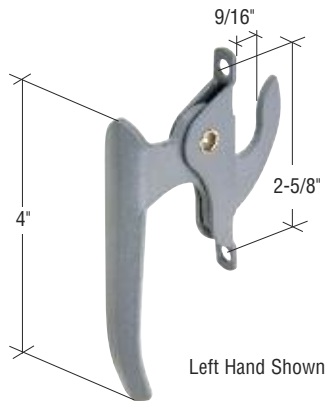
Minimum order: 1 pack.

CRL Casement Locking Handle

Stamped steel Locking Handle with aluminum finish; fits on windows made by Fenestra.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3559	H3560	1

Minimum order: 1 pack.

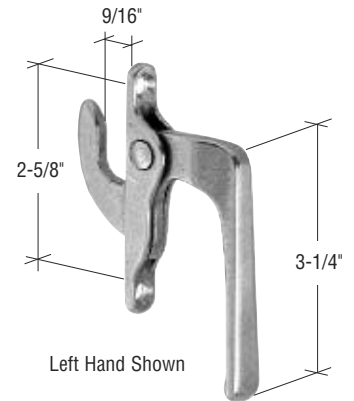


CRL Casement Locking Handle

Heavy bronze casting with a brushed satin finish; fits on windows made by Fenestra.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3563	H3564	1

Minimum order: 1 pack.



CRL Casement Locking Handle

Locking Handle has a 3/8" (9.5 mm) grip range; non-handed; heavy bronze casting with polished finish.

CAT. NO.	QTY/PKG
H3561	1

Minimum order: 1 pack.

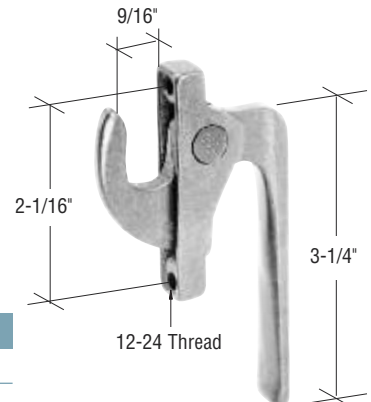


CRL Casement Locking Handle

Heavy bronze casting with a brushed satin finish; non-handed; has internally threaded (#12-24) mounting holes; fits on windows made by Fenestra.

CAT. NO.	QTY/PKG
H3562	1

Minimum order: 1 pack.



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crlaurence.eu

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CRL Truth Casement Locking Handle

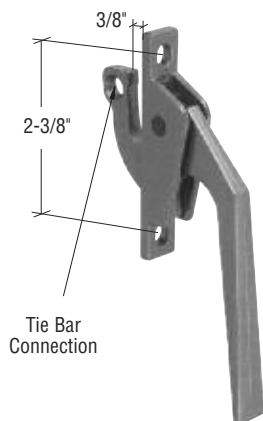


Die cast Locking Handle designed to be used with or without a multi-point tie bar; non-handed.

new

CAT. NO.	FINISH	QTY/PKG
EP20449	Chestnut Bronze	1
EP20451	White	1
WH41215	Champagne	1

Minimum order: 1 pack.



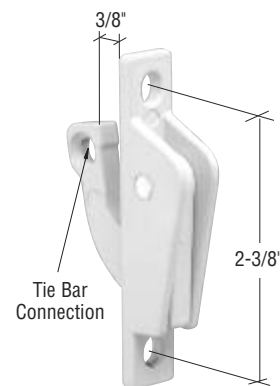
CRL Truth Casement Cam Lock



Die cast Cam Lock designed to be used with casement lever locking handles on multi-point tie bar locking systems; non-handed.

CAT. NO.	FINISH	QTY/PKG
EP20450	Chestnut Bronze	1
EP20452	White	1

Minimum order: 1 pack.



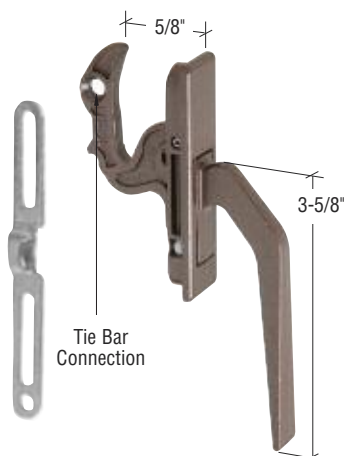
CRL Truth Casement Locking Handle



Die cast Locking Handle designed to be used with or without a multi-point tie bar; face mount with rear threaded mounting holes 2-1/2" (63.5 mm) center-to-center; includes matching stamped steel Keeper.

CAT. NO.	FINISH	QTY/PKG
EP23093	Bronze	1
EP23100	Coppertone	1
EP23094	White	1

Minimum order: 1 pack.

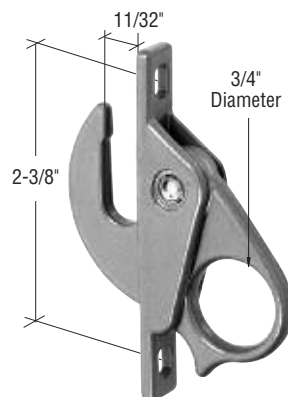


CRL Casement Cam Lock

Die cast ring pull type Cam Lock has a dark gray painted finish; non-handed; used on both aluminum and steel casement windows made by several manufacturers.

CAT. NO.	QTY/PKG
H3576	1

Minimum order: 1 pack.

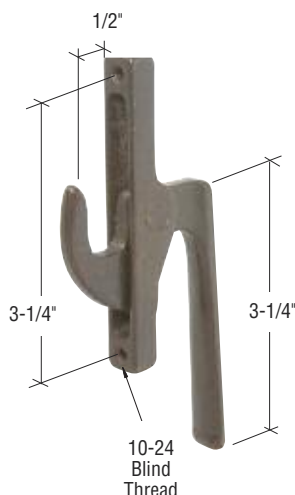


CRL Casement Locking Handle

Heavy bronze casting with a dark bronze finish; non-handed; internally threaded (#10-24) mounting holes; fits on windows made by Thorn.

CAT. NO.	QTY/PKG
H3639	1

Minimum order: 1 pack.

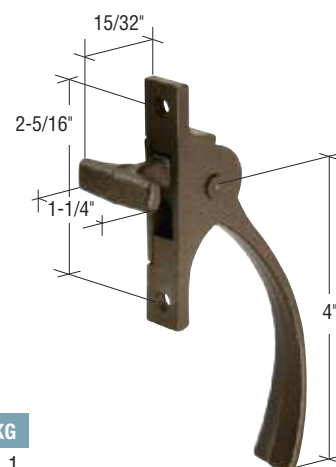


CRL Casement Locking Handle

Die cast Locking Handle with a dark bronze finish; non-handed; locks tandem (side-by-side) casement windows made by Lupton.

CAT. NO.	QTY/PKG
H3565	1

Minimum order: 1 pack.



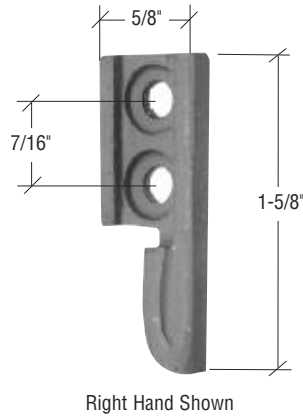
All packs of Replacement Hardware can be combined for quantity pricing.
Truth Hardware is a registered trademark of Truth Hardware Corporation.

CRL Casement Latch Keeper

Die cast Keeper for use with Cat. No. H3565 Lupton Locking Handle shown on page 451W.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3566	H3567	1

Minimum order: 1 pack.

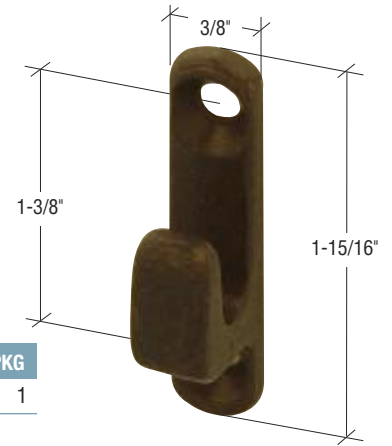


CRL Casement Latch Keeper

Heavy bronze casting Latch Keeper with a dark bronze finish; non-handed.

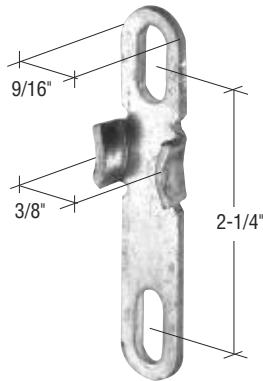
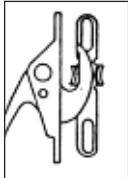
CAT. NO.	QTY/PKG
H3701	1

Minimum order: 1 pack.



CRL Casement Latch Keeper

Stamped aluminum Keeper has locking tabs on both sides, making it non-handed; includes mounting screws.



CAT. NO.	QTY/PKG
H3545	2

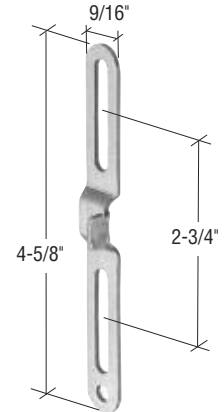
Minimum order: 1 pack.

CRL Casement Latch Keeper

Stamped steel Keeper has a painted finish to prevent corrosion; non-handed; used with Cat. No. EP23093 style Locking Handles shown on page 451W.

CAT. NO.	QTY/PKG
EP22826	1

Minimum order: 1 pack.

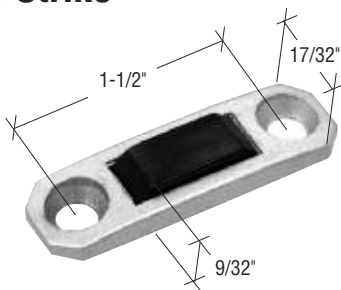


CRL Locking Handle Strike

Die cast Strike Plate with molded nylon Insert; replacement Strike for Cat. Nos. H3596 and H3853 type Locking Handles shown on page 444W; includes mounting screws.

CAT. NO.	FINISH	QTY/PKG
H3604	Aluminum	1
H3605	Bronze	1

Minimum order: 1 pack.

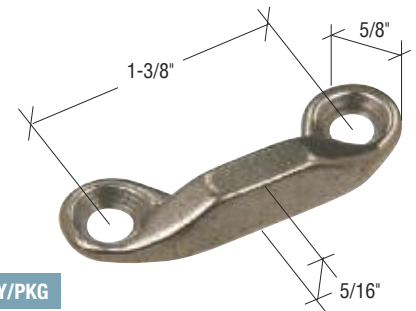


CRL Locking Handle Strike

Heavy bronze casting Strike Plate used on many different locking handles; non-handed; includes mounting screws.

CAT. NO.	QTY/PKG
H3659	1

Minimum order: 1 pack.

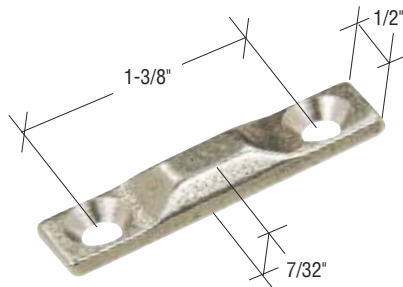


CRL Locking Handle Strike

Heavy bronze casting Strike Plate used on many different locking handles; non-handed; includes mounting screws.

CAT. NO.	QTY/PKG
H3660	1

Minimum order: 1 pack.

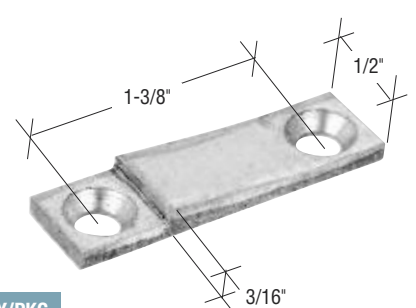


CRL Locking Handle Strike

Extruded aluminum Strike Plate used on many different locking handles; non-handed; angled surface plate; includes mounting screws.

CAT. NO.	QTY/PKG
H3663	2

Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Louver and Awning Window Selection Guide

C.R. Laurence Louver and Awning Window Hardware in this new CRL83R Door and Window Hardware Catalog has been arranged by category to speed your search of the many Louver and Awning Window Operator styles available.

Selecting Louver Window Operators



Handed Gear Operators

Handle Driven Crank is Offset on Body; Available With or Without Link Arm; see pages 458W - 459W



Lever Pull Operators

see page 461W



Non-Handed Gear Operators

Handle Driven Crank is Centered on Body; Available With Specific Link Arms or With Universal Adjustable or Multi-Packed Link Arms; see pages 458W - 459W

Mounting hole centers are usually not a problem since the industry standardized with 3-7/8" and 4-3/4" (98 and 121 mm) almost from the original designs. If the original operator is missing from the window, close the slats as tight as possible, measure from the link attachment point on the louver clip down to the top operator-mounting hole in the frame. Using a Cat. No. H3546 Universal Louver Operator on page 458W, attach the removable link to the operator, turn the Crank Handle to put the operator linkage in the closed position, measure from top mounting hole to the closest mounting hole in the link, snap off the excessive length of link and attach to louver clip with the enclosed hardware.

Most standard Crank Handles are held on to the spindle with a set screw, and can easily be replaced with a "Tee" handle, however, many new replacement operators with "Tee" handles have handles that have been swaged on, and are not removable. Link arms come in a variety of lengths and will either be flat or offset, and have either a threaded bushing or "Snap Ring" clip stud.

Selecting Awning Window Operators



Beyond specifying the handing as Left or Right, and specifying the finish or color, there are four additional items to consider when selecting a replacement:

1. Type of body or mounting hole pattern: choose from one of the four styles shown in the chart on page 454W.
2. Link Arm length: measure from center of rivet to center of link arm attachment point.
3. Is link arm flat or does it have an offset?
4. End of the link arm: 3/8" diameter thru-hole; threaded bushing; threaded hole; or Snap Ring Stud (also referred to as an "E" Ring).

Finally, check the dimensions between holes and compare to chart dimensions. There have been more than 70 distinct types of operators manufactured. CRL offers the 30 most popular in gray finish. Call the CRL Customer Service Department if you have an operator type, hand, or finish not shown in our selection chart.

Over-the-Sill Operators are rare and not currently stocked, however many are still available by special order. The difference between common awning operator bodies and over-the-sill type is that common operators always have spindles that angle up slightly allowing for finger clearance to the sill, while the over-the-sill operator has a spindle that comes straight out of the body. This operator type is usually mounted higher up, above the reach to operate by hand, requiring the need for a spindle extension, universal joint, and a Clerestory Pole to open and close the window from the floor level. This additional hardware is available on pages 456W - 457W. All information required to identify common operators, such as body type and link configuration, is also necessary to identify over-the-sill operators.

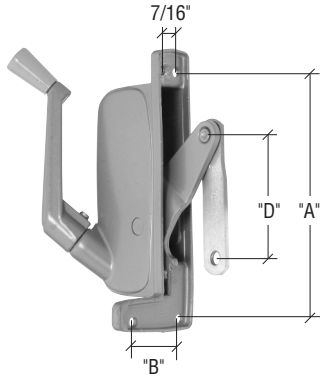
CRL Awning Window Operators

- Replacement Operators to Fit Most Awning Window Applications
- Gray Finish
- Crank Handle Included

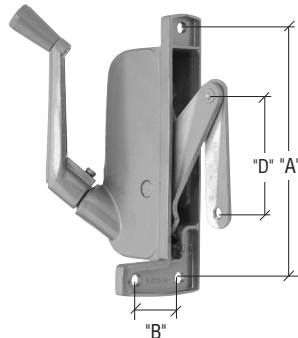
CRL's large selection of replacement Awning Operators allows you to replace almost any broken or worn-out operator. The four basic housing styles are made with various link styles and lengths, so you can find the right operator to fit a specific application. Match the mounting hole dimensions and link type from chart below. Other specifications are not critical.



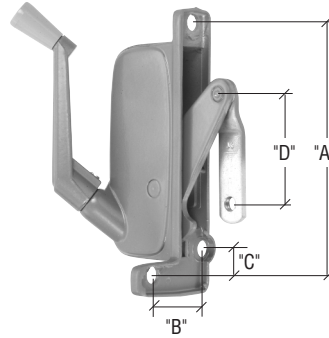
Left Hand Shown



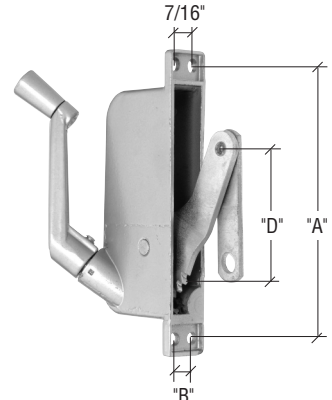
Type I Housing
2 Top Holes
2 Bottom Holes With Offset



Type II Housing
1 Top Hole
2 Bottom Holes With Offset



Type III Housing
1 Top Hole; 1 Side Hole
1 Bottom Hole With Offset



Type IV Housing
2 Top Holes
2 Bottom Holes

LH CAT. NO.	RH CAT. NO.	WINDOW MFG.	HOUSING TYPE	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"	DIMENSION "D"	*LINK	LINK END
H3669	H3670	Pan American	I	5-1/4" (133 mm)	1-5/16" (33 mm)	N/A	2-5/8" (67 mm)	S	5/16"-18 Thread
H3667	H3668	Keller - Air Control	II	5-1/4" (133 mm)	1-1/8" (29 mm)	N/A	2-3/8" (60 mm)	S	1/4"-20 Thread
H3673	H3674	Stanley	I	5-1/4" (133 mm)	1-1/2" (38 mm)	N/A	2-3/16" (56 mm)	OS	3/8" Hole
H3665	H3666	Miami	III	5-1/8" (130 mm)	1-1/2" (38 mm)	3/8" (9.5 mm)	2-3/16" (56 mm)	OS	5/16"-18 Thread
---	WCM212	ABC	III	5-1/16" (129 mm)	1-7/16" (36 mm)	1/2" (12.7 mm)	2-3/16" (56 mm)	S	1/4" E-Ring Stud
H3675	H3676	ABC	II	5-1/4" (133 mm)	1-1/4" (32 mm)	N/A	2-7/16" (62 mm)	S	3/8" Hole
---	WCM223	Look-Rusco	IV	5-1/4" (133 mm)	7/16" (11 mm)	N/A	2-1/8" (54 mm)	S	5/16"-18 Thread
H3693	H3694	Look-Rusco	II	5-1/4" (133 mm)	1-3/8" (35 mm)	N/A	2-3/8" (60 mm)	S	1/4"-20 Thread
---	WCM232	Superior	III	5-1/16" (129 mm)	1-7/16" (36 mm)	1/2" (12.7 mm)	2-1/8" (54 mm)	S	5/16"-18 Thread
---	WCM234	Crown	III	5-1/16" (129 mm)	1-7/16" (36 mm)	1/2" (12.7 mm)	2-1/4" (57 mm)	S	3/8" Hole
---	WCM236	Tucker	III	5-1/16" (129 mm)	1-7/16" (36 mm)	1/2" (12.7 mm)	2-3/8" (60 mm)	S	10-24 Thread Bushing
H3677	H3678	Tucker	II	5-1/4" (133 mm)	1-1/4" (32 mm)	N/A	2-3/8" (60 mm)	S	10-24 Thread Bushing
H3695	H3696	Nu-Aire	II	5-1/8" (130 mm)	15/16" (24 mm)	N/A	2-5/8" (67 mm)	S	3/8" Hole
---	WCM271	Yale Ogron	I	5-1/4" (133 mm)	7/8" (22 mm)	N/A	2-3/16" (56 mm)	S	3/8" Hole
---	WCM296	Ware	I	5-1/4" (133 mm)	7/8" (22 mm)	N/A	2-3/16" (56 mm)	OS	3/8" Hole
---	WCM388	Harcar	III	5-1/16" (129 mm)	1-7/16" (36 mm)	1/2" (12.7 mm)	2-5/8" (67 mm)	OS	5/16" E-Ring Stud
H3671	H3672	Stanley-C&E	II	5-1/4" (133 mm)	1-3/8" (35 mm)	N/A	2-3/16" (56 mm)	OS	3/8" Hole
WCM637	WCM636	Remington-Silverline	II	5-1/4" (133 mm)	1-1/8" (29 mm)	N/A	2-7/16" (62 mm)	S	10-24 Thread Bushing
---	WCM225	Stanley No. 43	II	5-1/4" (133 mm)	1-1/8" (29 mm)	N/A	N/A	---	5/16" Stud in Sector
WCM260	WCM259	Lenahan	I	5-1/4" (133 mm)	13/16" (20 mm)	N/A	2-9/16" (65 mm)	S	3/8" Hole
---	WCM265	Miami Highlander	II	5-1/8" (130 mm)	1-1/8" (29 mm)	N/A	2-3/16" (56 mm)	S	3/8" Hole
---	WCM288	Truseal	III	5-1/8" (130 mm)	1-1/2" (38 mm)	5/16" (7.9 mm)	2 (51 mm)	S	5/16"-18 Thread
WCM289	WCM290	Lenco Craft	IV	5-1/4" (133 mm)	7/16" (11 mm)	N/A	2-3/16" (56 mm)	S	3/8" Hole
---	WCM361	Dibbs	II	5-1/4" (133 mm)	1-1/8" (29 mm)	N/A	2-5/16" (59 mm)	S	1/4"-20 Thread
---	WCM363	Daryl Royal	II	5-1/4" (133 mm)	1-1/8" (29 mm)	N/A	2-11/16" (68 mm)	OS	3/8" Hole
---	WCM372	Look 200	IV	5-1/4" (133 mm)	7/16" (11 mm)	N/A	2-5/8" (67 mm)	OS	3/8" Hole
---	WCM374	New Crossly	III	5" (127 mm)	1-7/16" (36 mm)	1/2" (12.7 mm)	2-3/16" (56 mm)	S	5/16"-18 Thread
---	WCM376	Permaseal	III	5" (127 mm)	1-7/16" (36 mm)	1/2" (12.7 mm)	2-3/16" (56 mm)	S	3/8" Hole
---	WCM484	Old Style Air Control	I	5-3/16" (132 mm)	1-1/8" (29 mm)	N/A	1-3/4" (44 mm)	S	1/4"-20 Thread
---	WCM460	Ualco 95	II	5-3/16" (132 mm)	7/8" (22 mm)	N/A	2-1/4" (57 mm)	S	5/16" Hole
---	WCM510	Air Control	IV	5-1/4" (133 mm)	7/16" (11 mm)	N/A	2-13/32" (61 mm)	S	1/4"-20 Thread
H3839	H3840	Andersen	III	5-1/16" (129 mm)	1-7/16" (36 mm)	1/2" (12.7 mm)	2-5/8" (67 mm)	OS	3/8" Hole

Minimum order: 1 each. All packs of Replacement Hardware can be combined for quantity pricing. N/A = Not Applicable *S = Straight Link *OS = Offset Link

CRL Awning Operator Crank Handle

Die cast Crank Handle with 3/8" spline size; universal design; this crank style handle offers excellent torque for easiest opening and closing of window.

CAT. NO.	FINISH	QTY/PKG
H3685	Gray	1
H4030	Bronze	1

Minimum order: 1 pack.



CRL Awning Operator Tee Handle

Die cast Tee Handle with special 3/8" spline size; fits awning operators.

CAT. NO.	FINISH	QTY/PKG
H3810	Gray	2
H3811	White	2

Minimum order: 1 pack.

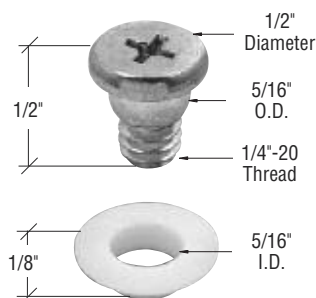


CRL Link Repair Bolt and Bushing

Zinc plated steel Bolt and Nylon Bushing; used to repair connection of link end of operator to awning window.

CAT. NO.	FINISH	QTY/PKG
H3691	Gray	4

Minimum order: 1 pack.

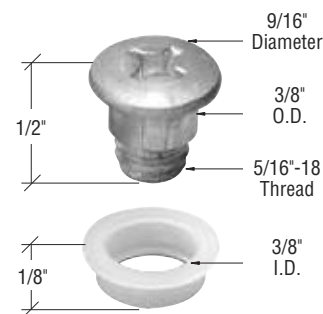


CRL Link Repair Bolt and Bushing

Die cast Bolt and Nylon Bushing; used to repair connection of link end of operator to awning window.

CAT. NO.	FINISH	QTY/PKG
H3692	Gray	4

Minimum order: 1 pack.

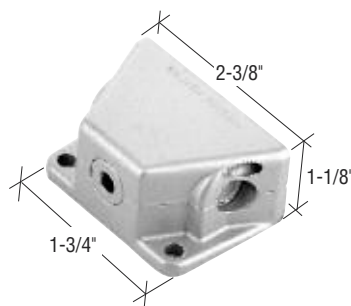


CRL Awning Window Operator

Awning Window Operator with a 5/16" hex drive; fits Stanley Series 40 old style windows; die cast construction; mounts in center of window sill; Crank Handle shown on this page; call for availability of other parts.

CAT. NO.	FINISH	QTY/PKG
H3589	Gray	1

Minimum order: 1 pack.

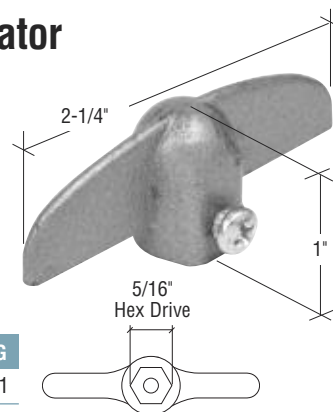


CRL Awning Operator Tee Handle

Die cast Awning Operator Tee Crank Handle; 5/16" hex drive; designed to be used with Cat. No. H3589 shown at left.

CAT. NO.	FINISH	QTY/PKG
H3592	Gray	1

Minimum order: 1 pack.



CRL Awning Operator Handle

Die cast Awning Operator Crank Handle; 3/8" hex drive; designed to be used with Cat. No. H3589 Operator shown above.

CAT. NO.	FINISH	QTY/PKG
H3590	Gray	1

Minimum order: 1 pack.



OUR NEW USER'S GUIDE MAKES SHOPPING AT CRLAURENCE.COM EASIER THAN EVER

This catalog features our new User's Guide, with page after page of easy to follow tips on how to make the most of your visit to crlaurence.com. The guide shows you how to sign in, search for products, check prices and stock availability, request a quote or place an order. You can even make payments on your CRL account. Everything is illustrated with full color, easy to follow along screen images. Please turn to pages III to XVI in the front of this catalog for complete details.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Over-Sill Awning Window Hardware

CRL Over-Sill Awning Operator Chain Wheel

- For Overhead Awning Windows

This CRL Awning Operator Chain Wheel is the perfect solution for high overhead awning windows. The Chain Wheel has a 3/8" (9.5 mm) spline size. The Chain and Chain Coupling are sold separately. Minimum order is one each.



CAT. NO. WCM612

CRL Over-Sill Awning Operator Chain

- #13 Large Chain

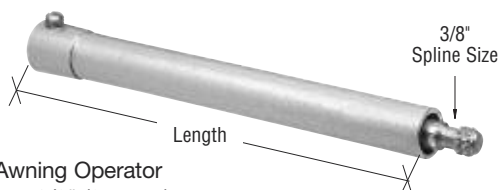
The CRL Awning Operator Chain is used with Cat. No. WCM612 Chain Wheel. The Chain is sized to your requirements and sold by the foot. Minimum order is six feet.



CAT. NO. WCM613

CRL Over-Sill Awning Operator Extension

- For Wide Window Sills



This CRL Awning Operator Extension has a 3/8" (9.5 mm) male and female spline size. Die cast construction has a gray finish. Other lengths and finishes available by special order.

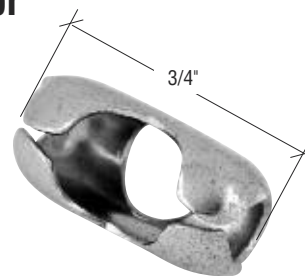
CAT. NO.	LENGTH	QTY/PKG
WCM400	2" (51 mm)	1
WCM399	6" (152 mm)	1

Minimum order: 1 pack.

CRL Awning Operator Chain Coupling

- For Use With #13 Large Chain

This CRL Chain Coupling is used with Cat. No. WCM613 Awning Operator Chain. Minimum order is one each.



CAT. NO. WCM614

CRL Over-Sill Awning Operator Hex Extension

- For Wide Window Sills



This CRL Awning Operator Extension is a 5/16" (7.9 mm) hex, and is 6" (152 mm) long. It includes a 3/8" (9.5 mm) spline extension. Minimum order is one each.

CAT. NO. WCM153

CRL Clerestory Pole

- For Overhead Awning



The CRL Clerestory Pole is used for reaching the crank handle on overhead awning operators. The pole has a hook end, and is 60" (1524 mm) long. Minimum order is one each.

CAT. NO. WCM621

CRL Over-Sill Awning Operator Universal Joint

- For Hard to Reach Operators

The Operator Universal Joint is die cast with a gray finish. Available in two spline sizes, either 5/16" or 3/8" (7.9 or 9.5 mm).

CAT. NO.	SPLINE	QTY/PKG
WCM615	5/16" (7.9 mm)	1
WCM616	3/8" (9.5 mm)	1

Minimum order: 1 pack.



CRL Universal Joint With Pole Eye

- For Use With Clerestory Pole

This CRL Universal Joint allows the use of our Cat. No. WCM621 Clerestory Pole to crank open or shut an awning window operator located in an overhead position.

CAT. NO.	SPLINE	QTY/PKG
WCM617	3/8" (9.5 mm)	1
WCM618	5/16" (7.9 mm)	1

Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Transom Pole and Hook



CAT. NO.	QTY/PKG
118A	1

Minimum order: 1 pack.

Heavy bronze casting hook, mounted on a 3/4" (19 mm) diameter aluminum pole. Overall length of pole is 82" (2.08 m).

CRL Transom Pole Hook

Heavy bronze casting, female hook for 3/4" (19 mm) diameter poles. Satin brushed finish.

CAT. NO.	QTY/PKG
H3662	1

Minimum order: 1 pack.



CRL Transom Pole Holder

Heavy bronze casting wall mount Holder for transom poles.

CAT. NO.	QTY/PKG
SB845	1

Minimum order: 1 pack.

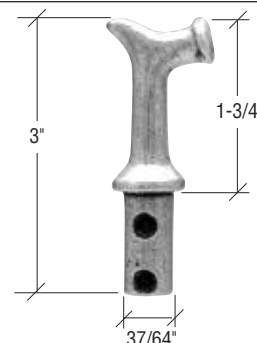


CRL Transom Pole Hook

Heavy bronze casting, male hook for 5/8" (16 mm) inside diameter poles. Satin brushed finish.

CAT. NO.	QTY/PKG
SB843	1

Minimum order: 1 pack.

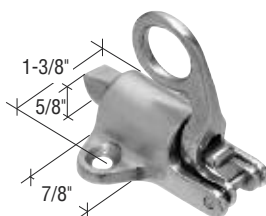


CRL Transom Latch Catch

Heavy bronze casting spring-loaded Transom Latch with a satin brushed finish. Used on a variety of transom windows. Use with Cat. No. H3913 and Cat. No. H4143 Keepers shown below (sold separately).

CAT. NO.	QTY/PKG
H3610	1

Minimum order: 1 pack.

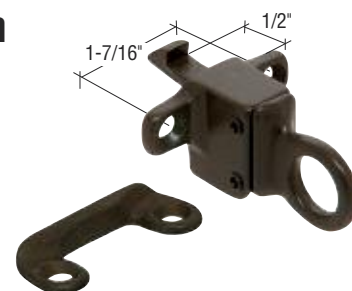


CRL Transom Latch

Heavy bronze casting, spring loaded Transom Latch and Keeper with a dark bronze finish. Used on a variety of transom windows. Cat. No. H4144 Keeper sold also separately.

CAT. NO.	QTY/PKG
H3594	1

Minimum order: 1 pack.

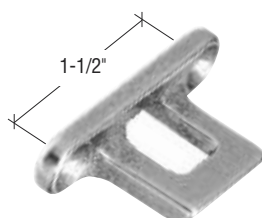


CRL Transom Latch Keeper

Heavy bronze casting Transom Latch Keeper with a satin brushed finish. For use with Cat. No. H3610 Transom Latch.

CAT. NO.	QTY/PKG
H3913	1

Minimum order: 1 pack.



CRL Transom Latch Keeper

Heavy bronze casting Transom Latch Keeper for use with Cat. No. H3594 Transom Latch.

CAT. NO.	QTY/PKG
H4144	1

Minimum order: 1 pack.

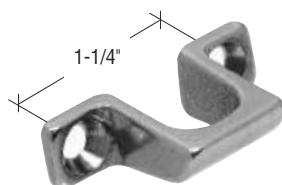


CRL Transom Latch Keeper

Heavy bronze casting Transom Latch Keeper with a satin brushed finish. For use with Cat. No. H3610 Transom Latch.

CAT. NO.	QTY/PKG
H4143	1

Minimum order: 1 pack.

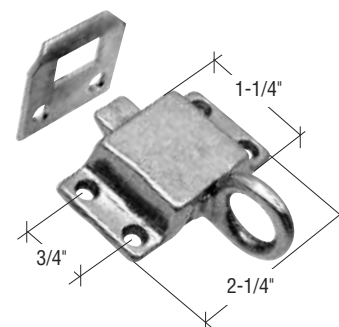


CRL Transom Latch

Die cast housing and stamped steel strike plate, both zinc plated. Originally designed for transom windows, this spring-loaded latch has a variety of uses.

CAT. NO.	QTY/PKG
80U	1

Minimum order: 1 pack.

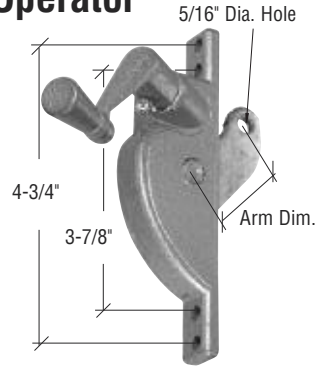


All packs of Replacement Hardware can be combined for quantity pricing.

CRL Louver Window Operator

• No Link Arm

This CRL die cast Louver Window Operator comes in an aluminum finish. Complete with standard Crank Handle.



CAT. NO.	DESCRIPTION	ARM DIM.	QTY/PKG
WCM208	Left Hand	1-1/2"	1
WCM209	Right Hand	1-1/2"	1
WCM243	Left Hand	2"	1
WCM242	Right Hand	2"	1

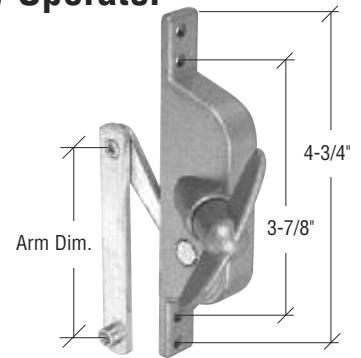
Minimum order: 1 each.

Left Hand Shown

CRL Louver Window Operator

• Non-Handed

This CRL die cast Louver Window Operator comes in an aluminum finish. Variety of arm lengths available. Complete with a T-Crank Handle.



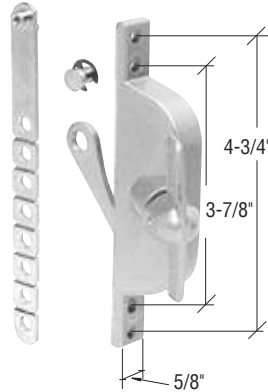
CAT. NO.	DESCRIPTION	ARM DIM.	QTY/PKG
WCM300	Air Control	3-1/32"	1
WCM302	A.B.C.	1-23/32"	1
WCM464	Superior	4"	1
WCM1421	Crown	4-1/2"	1

Minimum order: 1 each.

CRL Louver Window Operator

• Non-Handed

The CRL die cast Louver Window Operator comes in three popular finishes. Link arm has break-a-way segments in 1/2" increments to accommodate applications up to 5-5/16" long. Complete with a T-Crank Handle.



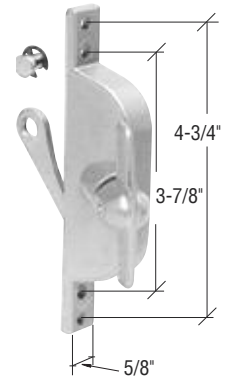
CAT. NO.	FINISH	QTY/PKG
H3546	Aluminum	1
H3547	Bronze	1
H3818	White	1

Minimum order: 1 pack.

CRL Louver Window Operator

• Non-Handed

The CRL die cast Louver Window Operator comes in three popular finishes. Package includes three arms in the most popular sizes to accommodate various on site job applications. Complete with a T-Crank Handle.



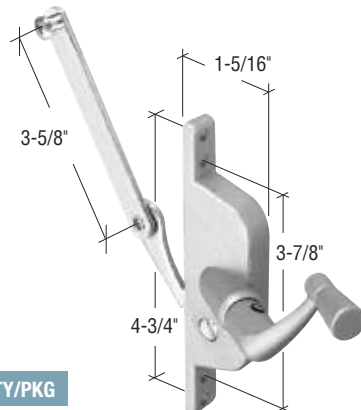
CAT. NO.	FINISH	QTY/PKG
H3557	Aluminum	1
H3558	Bronze	1
H3819	White	1

Minimum order: 1 pack.

CRL Louver Window Operator

• 3-5/8" Flat Arm

This CRL Louver Window Operator is non-handed and has an aluminum finish. The 3-5/8" flat arm has a 1/4" O.D., #6-32 threaded bushing. Complete with Standard Crank Handle.



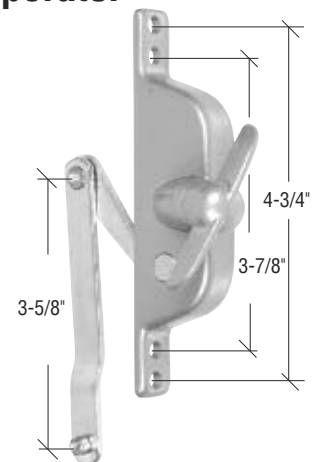
CAT. NO.	FINISH	QTY/PKG
H3548	Aluminum	1

Minimum order: 1 pack.

CRL Louver Window Operator

• 3-5/8" Offset Arm

This CRL die cast Louver Window Operator is non-handed and comes in three popular finishes. The 3-5/8" offset arm has a 1/4" O.D., #6-32 threaded bushing. Complete with a T-Crank Handle.



CAT. NO.	FINISH	QTY/PKG
H3932	Aluminum	1
H3933	Bronze	1
H3938	White	1

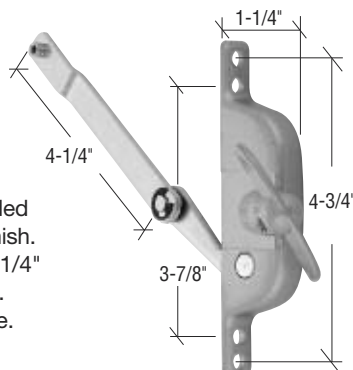
Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Louver Window Operator

- 4-1/4" Offset Arm
- Designed for Daryl Windows

This CRL die cast Louver Window Operator is non-handed and comes in an aluminum finish. Arm is detachable, and has a 1/4" O.D., #6-32 threaded bushing. Complete with T-Crank Handle.



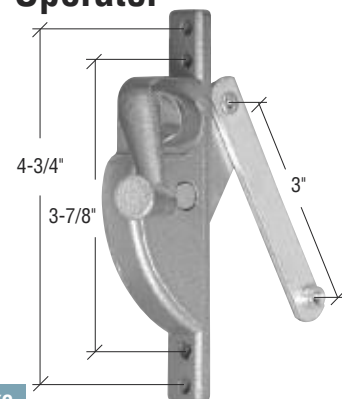
CAT. NO.	QTY/PKG
H3551	1

Minimum order: 1 pack.

CRL Louver Window Operator

- 3" Flat Arm

This CRL die cast Louver Window Operator comes in an aluminum finish. The 3" flat arm has a 5/16" O.D., #10-24 threaded bushing. Complete with standard Crank Handle.



Left Hand Shown

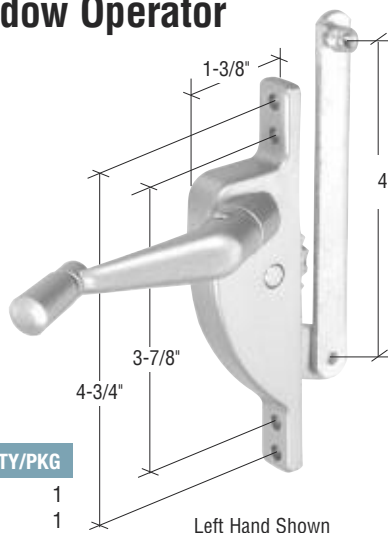
CAT. NO.	DESCRIPTION	QTY/PKG
WCM882	Left Hand	1
WCM883	Right Hand	1

Minimum order: 1 each.

CRL Louver Window Operator

- 4" Flat Arm

This CRL die cast Louver Window Operator has an aluminum finish. The 4" flat arm has a 1/4" O.D., #6-32 threaded bushing. Complete with standard Crank Handle.



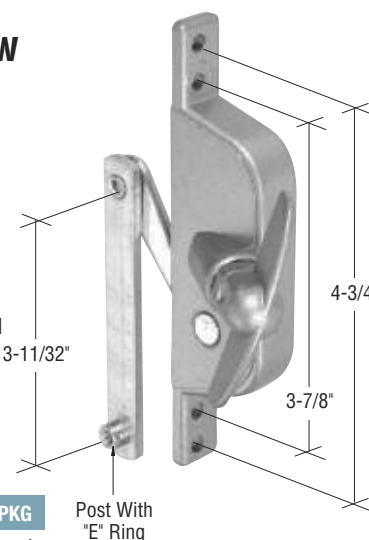
CAT. NO.	DESCRIPTION	QTY/PKG
H3549	Left Hand	1
H3550	Right Hand	1

Minimum order: 1 pack.

CRL Louver Window Operator

- 3-11/32" Flat Arm
- Designed for Stanley Windows

This CRL die cast Louver Window Operator is non-handed and has an aluminum finish. Arm has a 1/4" O.D. stud with a snap ring groove. Complete with T-Crank Handle.



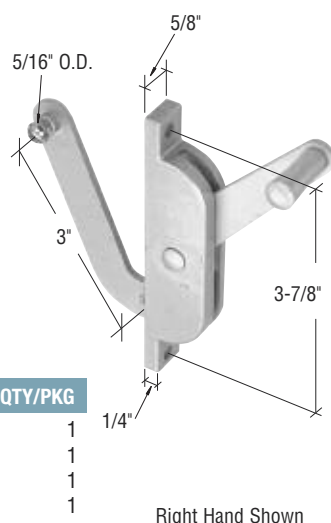
CAT. NO.	QTY/PKG
WCM301	1

Minimum order: 1 each.

CRL Louver Window Operator

- Designed for Visualite and Premier Windows

This CRL die cast Louver Window Operator has an aluminum finish. Actuator arm has an 11/32" O.D., #10-24 threaded bushing.



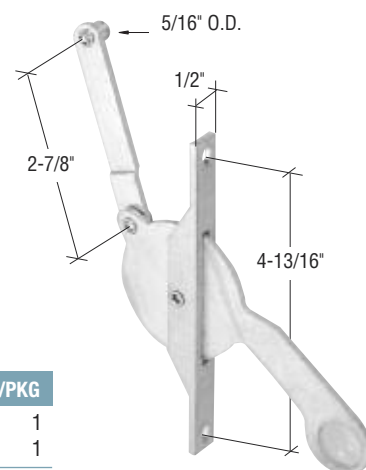
CAT. NO.	DESCRIPTION	FINISH	QTY/PKG
H3613	Left Hand	Aluminum	1
H3614	Right Hand	Aluminum	1
H3615	Left Hand	Bronze	1
H3616	Right Hand	Bronze	1

Minimum order: 1 pack.

CRL Louver Window Operator

- 2-7/8" Offset Arm

This CRL stamped aluminum Louver Window Operator comes in an aluminum finish. The 2-7/8" offset arm has a 5/16" O.D. stud with a snap ring groove.



CAT. NO.	DESCRIPTION	QTY/PKG
H3556	Left Hand	1
H3707	Right Hand	1

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Louver Strip Hardware

- Make Your Own Louver Windows
- Quick and Easy Installation

Louver Strip Hardware is made from stamped and extruded mill finish aluminum. Packed in left and right pairs, with the operating lever handles located on the right side when viewed from the inside. Head and Sill Weatherstrips are sold separately (see right).



CAT. NO.	BLADES	OPERATORS
JSH18	5	1
JSH24	7	1
JSH30	8	1
JSH36	10	2
JSH48	13	2
JSH54	15	2
JSH60	17	2

Minimum order: 1 pair.

CRL Head and Sill Weatherstrip

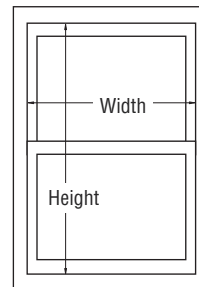


Head and Sill Weatherstrip completes the installation of a louver window. Acts as a top and bottom weather sill and stop for the glass. Packed in pairs (one upper and one lower). Mill finish aluminum.

CAT. NO.	LENGTH
HSW25	25-1/2" (648 mm)
HSW31	31-1/2" (800 mm)
HSW37	37-1/2" (952 mm)
HSW43	43-1/2" (1105 mm)

Minimum order: 1 pair.

How To Measure for Louver Windows



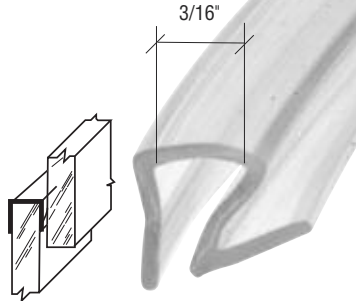
Measure the exact width and height of opening at the point of installation. For openings with a sloping sill, measure the height of the outside of intended louver jamb channel location.



CRL Louver Window Vinyl

- Seals Windows From Drafts

CRL Clear Louver Window Vinyl keeps drafts from infiltrating through the slats of louver windows. The vinyl simply snaps over the edge of the glass panels and will not obstruct sight lines. Minimum order is one roll.

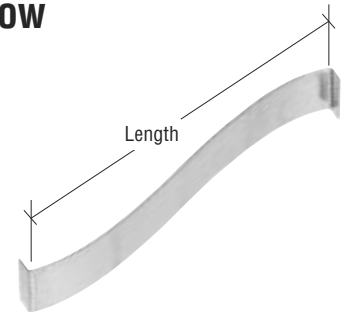


CAT. NO.	ROLL LENGTH
1420C	100' (30.5 m)
1420B	1000' (305 m)

Minimum order: 1 roll.

CRL Louver Window Security Clip

This Louver Window Security Clip is a high tension, stainless steel spring clip designed to prevent the removal of glass slats from a louver window. Two size clips are available. Quantity per package is 20.

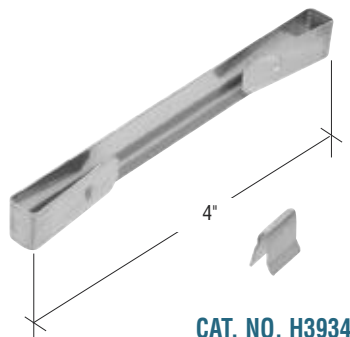


CAT. NO.	LENGTH	SLAT SIZE
S4070	3-1/8" (79 mm)	4" (102 mm)
S4072	3-3/8" (86 mm)	4-1/2" (114 mm)

Minimum order: 1 pack.

CRL Two-Piece Window Security Clip

CRL's durable stainless steel Two-Piece Window Security Clips prevent removal of glass louvers from the outside, and discourage forced entry. Easy installation on 4" (102 mm) louver slats. Sold in packs of 10 each.



CAT. NO. H3934

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Louver and Roof Vent Operators

- Single and Dual Arm Operators for Louver or Jalousie Windows and Roof Vents (See Pages 462W-463W)



CRL Louver Window Operator

• Used by International Window

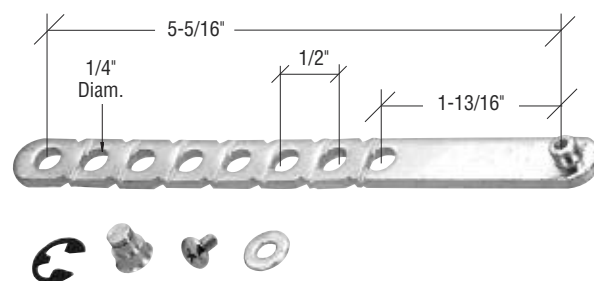


This CRL Louver Window Operator has a grooved stud which attaches to the moving arm. The unit comes complete with a steel Snap Ring and can be used on either louver or jalousie window applications.

CAT. NO.	DESCRIPTION	QTY/PKG
H3617	Left Hand	1
H3618	Right Hand	1

Minimum order: 1 pack.

CRL Louver Window Operator Break-A-Way Arm

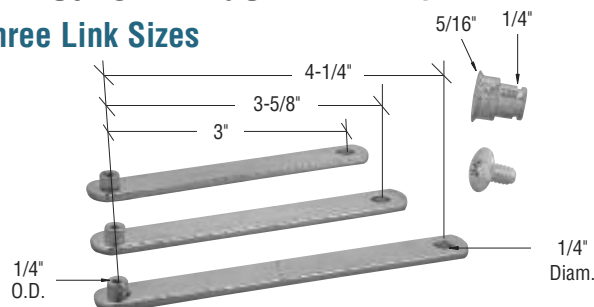


The stamped steel CRL Universal Replacement Break-A-Way Arm has a plated finish. Link arm has break-a-way segments in 1/2" increments to accommodate a variety of applications; includes a 1/4" O.D., #6-32 threaded bushing. Quantity per pack is one. Minimum order is one pack.

CAT. NO. H3552

CRL Louver Window Link Kit

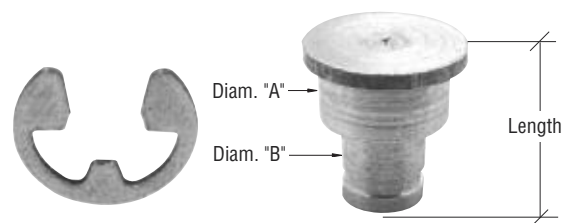
• Three Link Sizes



CRL's Louver Window Link Kit gives you three of the most popular sizes of flat steel links. This handy kit allows you to make quick on site repairs of awning window operators. Each Kit contains a 3", 3-5/8", and a 4-1/4" long link with threaded bushing and bushing screw. Kit also has Flat Head Stud with matching Snap Ring for attachment to the operator. Minimum order is one each.

CAT. NO. H3679

CRL Louver Link Arm Groove Pin and Snap Ring Set

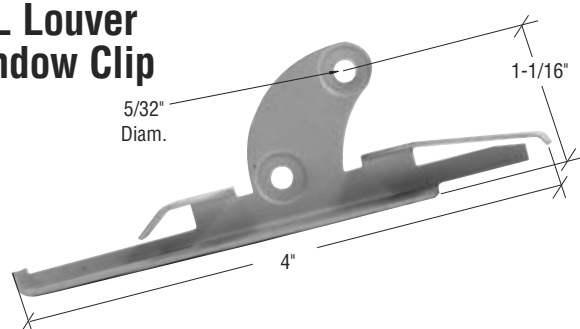


CRL's Aluminum Groove Pins and steel Snap Rings are used to attach Louver Operator. Link Arms to the jalousie window hardware.

CAT. NO.	DIAMETER "A"	DIAMETER "B"	LENGTH	QTY/PKG
H3689	.302"	.200"	.438"	4
H3690	.309"	.245"	.345"	4

Minimum order: 1 pack.

CRL Louver Window Clip

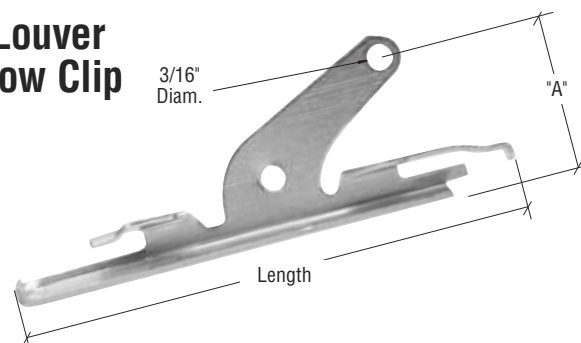


CRL's Louver Window Clip fits on 4" glass panels. Made from stamped aluminum. Used on International Windows. Packed in pairs.

CAT. NO.	LENGTH	QTY/PKG
H3619	4"	1 Pair

Minimum order: 1 pack.

CRL Louver Window Clip



These CRL Louver Window Clips are available to fit 4" or 4-1/2" glass panels. Made from stamped aluminum. Packed in pairs.

CAT. NO.	LENGTH	"A"	QTY/PKG
WCM100	4"	1-3/16"	1 Pair
WCM120	4-1/2"	1-3/8"	1 Pair

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

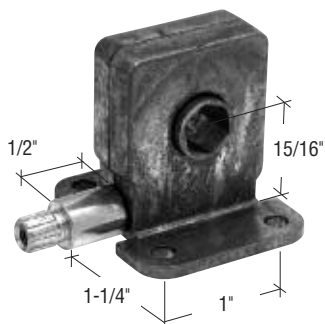
CRL TORQUE AND LOUVER WINDOW OPERATORS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Torque and Window Operators

- Used With CRL's Window Crank Handles
- Can Be Used on Either Awning or Louver Type Windows
- Product Selections Include Universal or Right Hand/Left Hand Installations
- CRL Has the Most Popular Sizes and Styles of RV Window Hardware

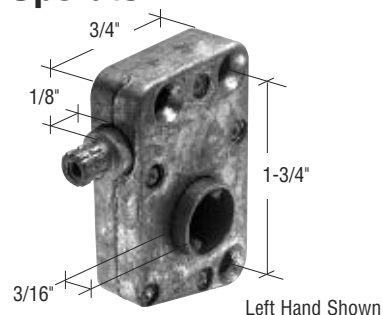
CRL Center Torque Window Operator



This CRL Center Torque Window Operator can be used on either awning or louver type windows and is a center mount operator. It has a 3/8" hex socket. One per pack.

CAT. NO. R7030

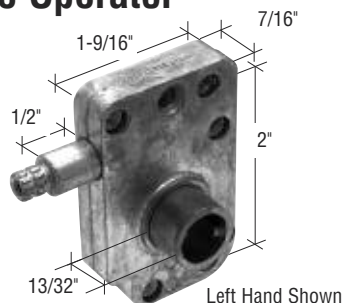
CRL Window Slant Sill Operator



These CRL Window Slant Sill Operators can be used on either awning or louver type windows. It is side mounted for slanted sills. One per pack.

CAT. NO.	DESCRIPTION
R7020	Left Hand
R7021	Right Hand

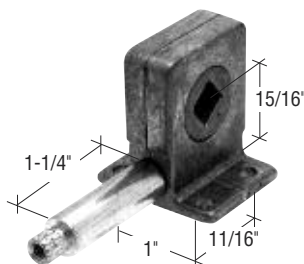
CRL Window Torque Operator



These CRL Window Torque Operators can be used on either awning or louver type windows. It is a side mount operator. One per pack.

CAT. NO.	DESCRIPTION
R7028	Left Hand
R7029	Right Hand

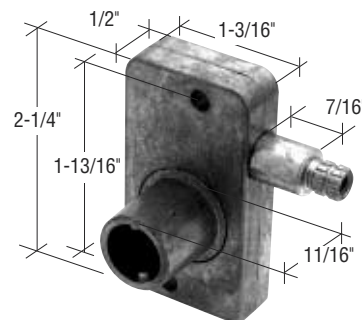
CRL Center Torque Window Operator



This CRL Window Torque Operator can be used on either awning or louver type windows. It is a center mount with a 5/16" socket and a 1-1/4" spindle. One per pack.

CAT. NO. R7031

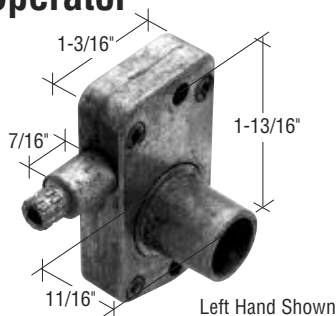
CRL Right Hand Window Torque Operator



This Right Hand Window Torque Operator can be used on either awning or louver type windows. It is a side mount operator. One per pack.

CAT. NO. R7027

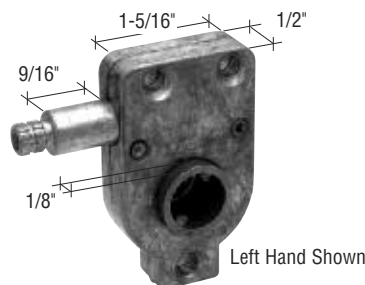
CRL "Mini" Slant Sill Operator



These CRL "Mini" Window Slant Sill Operators can be used on either awning or louver type windows. These are side mounted for slanted sills. One per pack.

CAT. NO.	DESCRIPTION
R7022	Left Hand
R7023	Right Hand

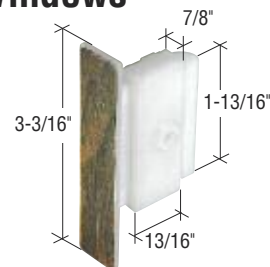
CRL Window Torque Operator



These CRL Window Torque Operators can be used on either awning or louver type windows. They are side mounted operators with a 9/16" long spindle. One per pack.

CAT. NO.	DESCRIPTION
R7024	Left Hand
R7025	Right Hand

CRL Sliding Latch and Pull for Phillips Type RV Windows



CRL Sliding Window Latch and Pull is spring loaded and self latching. It is made of white nylon and features a wood grain strip. This Latch and Pull is designed to be used on Phillips RV Windows. One per pack.

CAT. NO. R7095

Minimum order: 1 pack. All Torque and Louver Operators can be combined for quantity pricing.



C.R. LAURENCE COMPANY

crlaurence.com | usalum.com

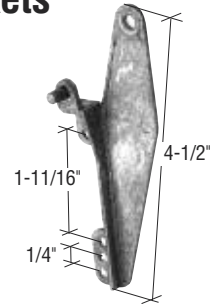
US ALUMINUM 462W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Louver and Roof Vent Operators

- CRL Has the Most Popular Sizes and Styles of RV Window Hardware
- Single and Dual Arm Operators for Louver or Jalousie Windows and Roof Vents
- Operator Selections Include Universal or Adjustable



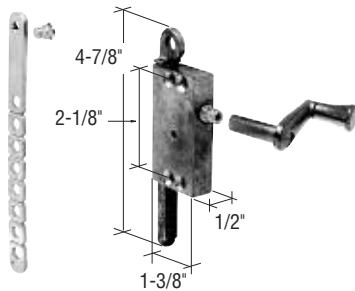
CRL Louver Window Pivot Brackets



CRL's die cast Louver Pivot Brackets link the operator moving arm to the louver window clip arm. These Brackets are adjustable, and are designed to be used on Phillips windows. Includes one left and one right Bracket.

CAT. NO. R7040

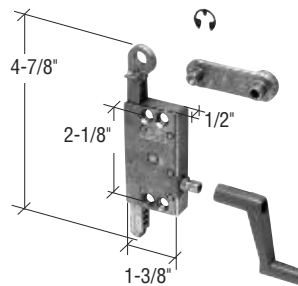
CRL Louver Window Operator With Break-Off Arm



CRL's Louver Window Operator is a rack operator with an adjustable break-off extension arm for universal application. This unit comes with a crank handle.

CAT. NO. R7015

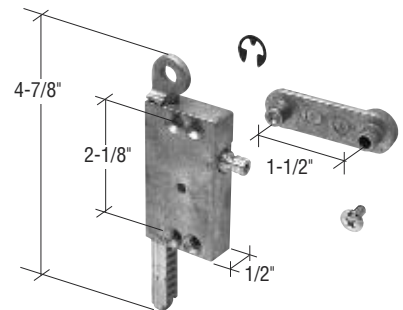
CRL Louver Window Operator



CRL's non-handed Louver Window Operator is side-mounted. It is a rack operator with a gear link and shaft extension, and comes with a crank handle.

CAT. NO. R7016

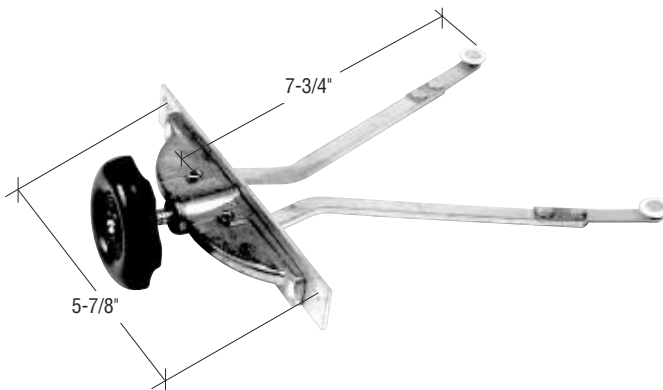
CRL Louver Window Operator



CRL's non-handed Louver Window Operator is a rack operator with a gear link and shaft extension. It is side-mounted with a 5/16" spline on the spindle.

CAT. NO. R7018

CRL Dual Arm Vent Operator

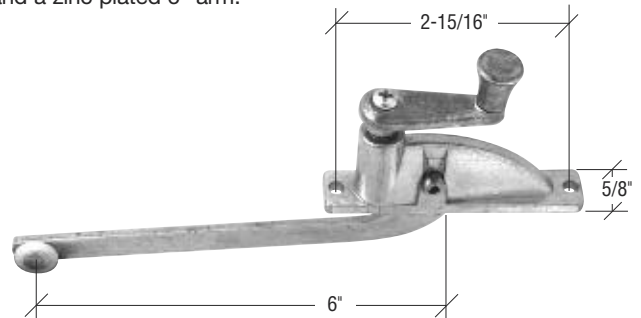


CRL's Dual Arm Vent Operator is zinc plated with 7-3/4" long steel arms which ensure an even seal. The crank knob is plastic.

CAT. NO. R7038

CRL Center Torque Awning Window or Roof Vent Operator

CRL's non-handed Awning or Roof Vent Operator has a die cast housing and a zinc plated 6" arm.



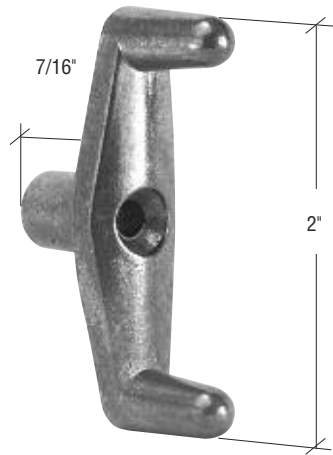
CAT. NO. R7036

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

CRL Dual Grip Crank Handle

- For Crank-Out Windows

CRL's Dual Grip Crank Handle is die cast material and has a 7/16" shank. It also is internally serrated and has a 5/16" spline. The pack contains two handles and includes installation screws. Minimum order is one pack.

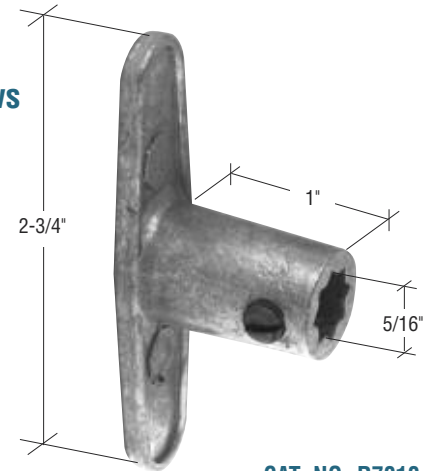


CAT. NO. R7011

CRL "T" Crank Handle

- For Crank-Out or Top Vent Windows

CRL's "T" Crank Handle is die cast material and has a 1" shank. Designed in a double grip style it accepts a 5/16" spindle. The pack contains two handles and includes installation screws. Minimum order is one pack.

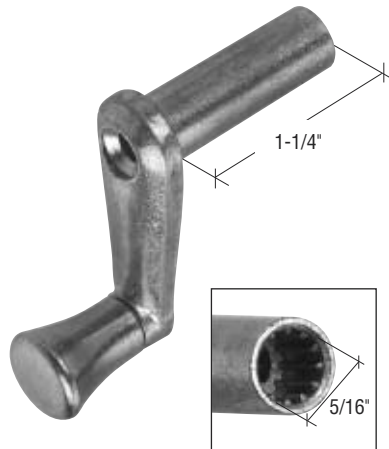


CAT. NO. R7010

CRL 1-1/4" Window Crank Handle

- For Crank-Out Windows
- Swivel Knob

CRL's 1-1/4" Window Crank Handle is die cast material and is internally serrated with a 5/16" spline. The pack contains two handles and includes installation screws. Minimum order is one pack.

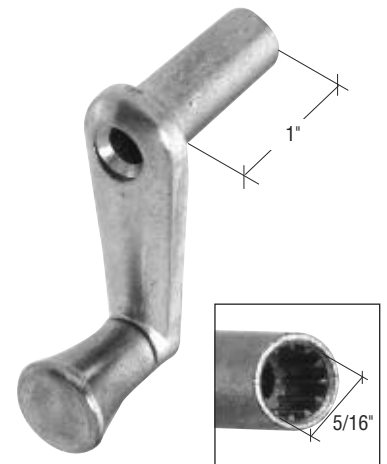


CAT. NO. R7009

CRL 1" Window Crank Handle

- For Crank-Out Windows
- Swivel Knob

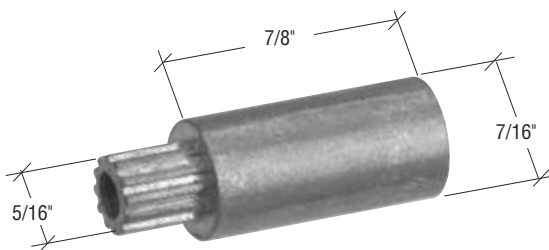
CRL's 1" Window Crank Handle is die cast material and is internally serrated with a 5/16" spline. The pack contains two handles including screws. Minimum order is one pack.



CAT. NO. R7007

CRL 7/8" Window Crank Handle Extension

- For Use With Die Cast Window Crank Handles

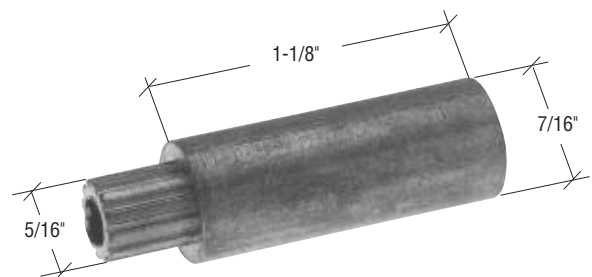


Designed to be used with CRL's die cast material Window Crank Handles, these Handle Extensions add length to the handle stem for clearance and convenience. Each pack contains two Extensions plus screws. Minimum order is one pack.

CAT. NO. R7012

CRL 1-1/8" Window Crank Handle Extension

- For Use With Die Cast Window Crank Handles



Designed to be used with CRL's die cast material Window Crank Handles, these Handle Extensions add length to the handle stem for clearance and convenience. Each pack contains two Extensions plus screws. Minimum order is one pack.

CAT. NO. R7013

CRL 13/16" Window Crank Handle

- For Crank-Out Windows



Designed for crank-out type windows, this CRL Handle is tan colored plastic and has a 13/16" stem that is internally serrated. The pack contains two handles including screws. Minimum order is one pack.



CAT. NO. R7000

CRL 1-3/4" Window Crank Handle

- For Crank-Out Windows



Designed for crank-out type windows, this CRL Handle is tan colored plastic and has a 1-3/4" stem that is internally serrated. The pack contains two handles including screws. Minimum order is one pack.



CAT. NO. R7001

CRL 2-1/8" Window Crank Handle

- For Crank-Out Windows



Designed for crank-out type windows, this CRL Handle is tan colored plastic and has a 2-1/8" stem that is internally serrated. The pack contains two handles including screws. Minimum order is one pack.



CAT. NO. R7002

CRL 3-1/8" Window Crank Handle

- For Crank-Out Windows



Designed for crank-out type windows, this CRL Handle is tan colored plastic and has a 3-1/8" stem that is internally serrated. The pack contains two handles including screws. Minimum order is one pack.



CAT. NO. R7003

CRL Knob Style Crank Handle

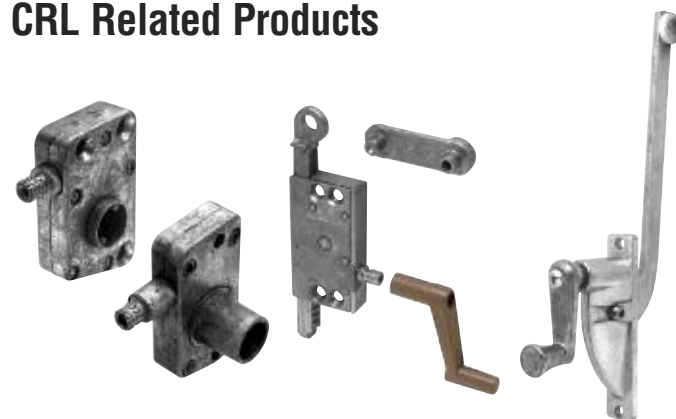
- For Crank-Out or Top Vent Windows
- 2-1/4" Diameter

CRL's Knob Style Crank Handle is made of rugged tan colored plastic. It has a 1/4" shank with a 5/16" spline. The pack contains two handles and includes installation screws. Minimum order is one pack.



CAT. NO. R7005

CRL Related Products



CRL Torque Operators
See Page 462W

CRL Vent Operators
See Page 463W

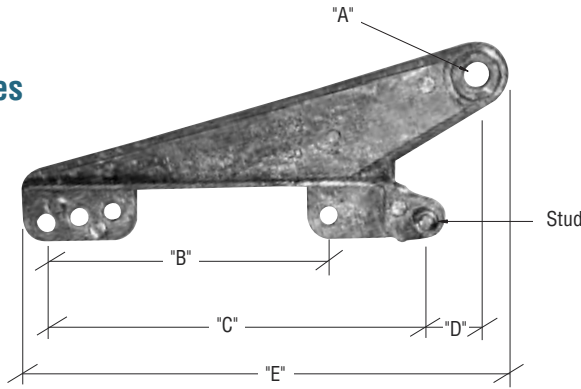
CRL TORQUE BAR HARDWARE

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Vent Hinges

- Available in Three Sizes
- Sold in Pairs

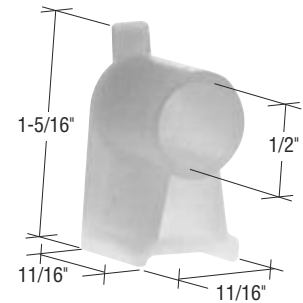
Die cast jalousie window Hinge for R.V. windows, has a zinc finish and comes in three sizes. One pair per package, minimum order is one pack.



CAT. NO.	"A" (DIM.)	"B" (DIM.)	"C" (DIM.)	"D" (DIM.)	"E" (DIM.)
WCM786	3/16"	2-3/16"	2-15/16"	5/16"	3-3/4"
WCM826	5/16"	2"	2-3/4"	15/16"	4-3/16"
WCM835	3/16"	2-3/16"	2-7/8"	1"	4-3/8"

Minimum order: 1 pack.

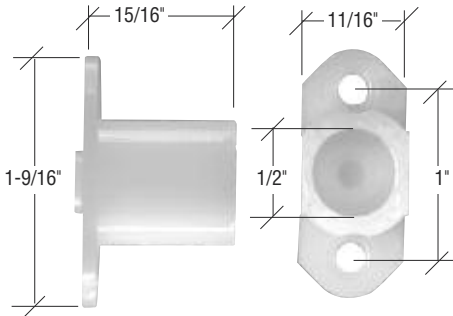
CRL Phillips Torque Bar Bearing



Nylon Torque Bar Bearing is designed for a 1/2" diameter torque bar. Fits Phillips R.V. Windows. Minimum order is one each.

CAT. NO. WCM738

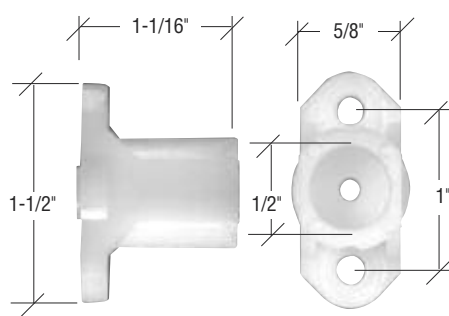
CRL Torque Bar Bearing



Nylon Torque Bar Bearing is designed for a 1/2" diameter torque bar. Used by several window manufacturers. Minimum order is one each.

CAT. NO. WCM763

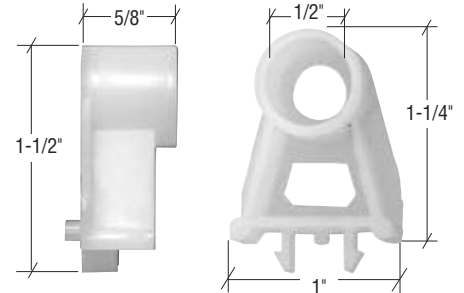
CRL Torque Bar Bearing



Nylon Torque Bar Bearing is designed for a 1/2" diameter torque bar. Used by several window manufacturers. Minimum order is one each.

CAT. NO. WCM784

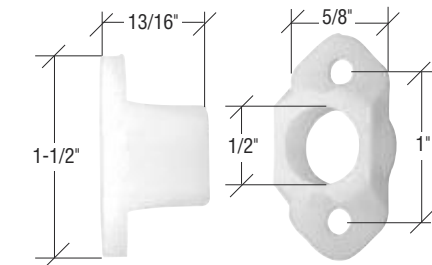
CRL Snap-In Torque Bar Bearing



Nylon Torque Bar Bearing, snap-in design for a 1/2" diameter torque bar. Used by several window manufacturers. Minimum order is one each.

CAT. NO. WCM1703

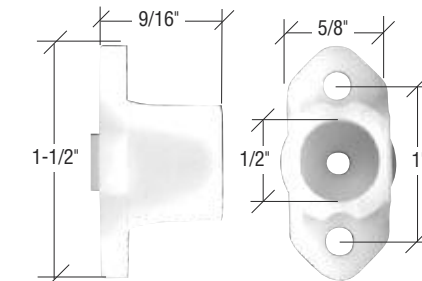
CRL Torque Bar Bearing With Flush Base



Nylon Torque Bar Bearing with a flush base is designed for a 1/2" diameter torque bar. Used by several window manufacturers. Minimum order is one each.

CAT. NO. WCM1770

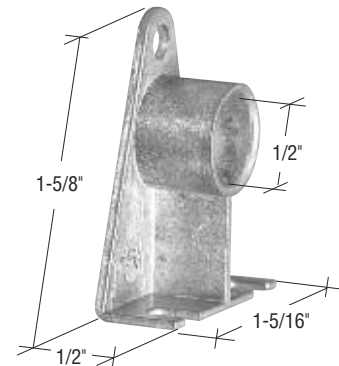
CRL Torque Bar Bearing



Nylon Torque Bar Bearing is designed for a 1/2" diameter torque bar. Used by several window manufacturers. Minimum order is one each.

CAT. NO. WCM1774

CRL Torque Bar Bearing



Die cast Torque Bar Bearing is designed for a 1/2" diameter torque bar. Used by several window manufacturers. Minimum order is one each.

CAT. NO. WCM845

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Sliding Window Roller and Guide Selection

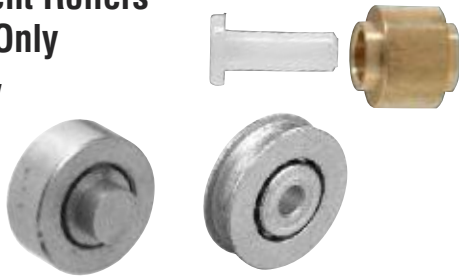
We've expanded our offering of Sliding Window Rollers and Guides to include windows made by manufacturers in all regions of the country. They are arranged on the following pages by type to make it easier to locate the correct replacement part for the job.

Selecting Sliding Window Rollers

Unlike Glass Door Rollers, Handles and Window Latches, which are often used by different manufacturers on several series of doors and windows, Window Rollers are very specialized, and unique to the specific window for which they were designed to fit. Always try to match the replacement roller to the old roller precisely.

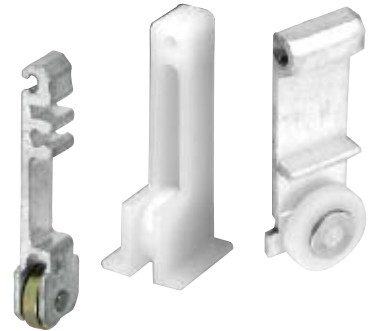
Replacement Rollers and Axles Only

Pages 468W - 469W



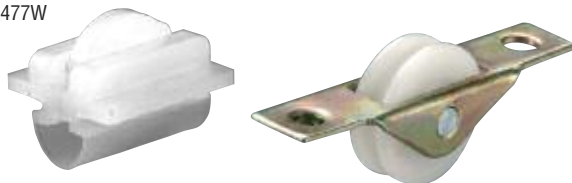
Vertical Stile Mount Rollers With Brackets

Pages 481W - 483W



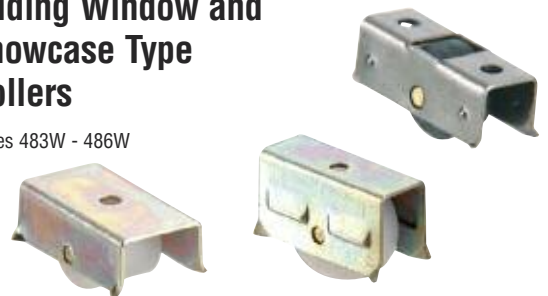
Single Rollers With Housings

Pages 470W - 477W



Sliding Window and Showcase Type Rollers

Pages 483W - 486W



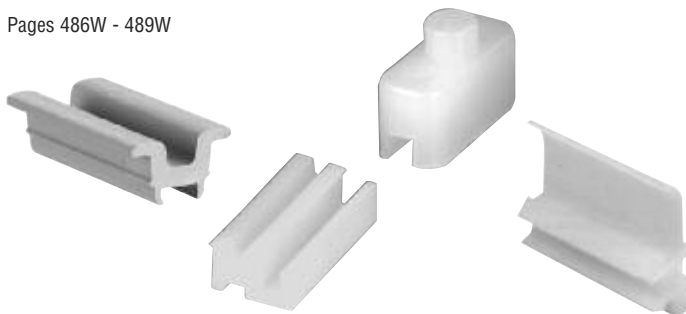
Tandem Rollers With Housings

Pages 478W - 481W



Selecting Window Guides

Pages 486W - 489W



Window Guides are typically specific to a window manufacturer and the window for which they were intended to fit. Always try to match the replacement guide to the old guide precisely.

Still Can't Find It?

A majority of commonly used Window Rollers and Guides can be located in the following pages, but if you cannot locate the right one for you we will gladly assist in your search. Contact CRL Customer Service and take advantage of our Sample Matching Service (see page 244W).



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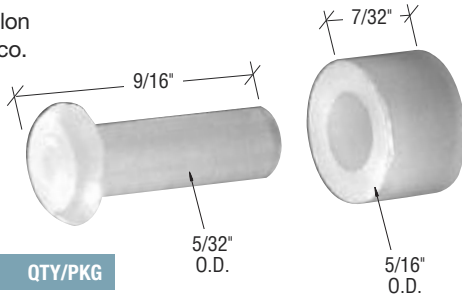
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CRL Window Roller

Flat nylon roller; nylon axle pins; fits on Radco.

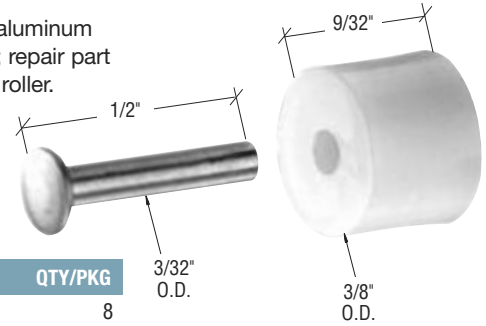


CAT. NO.	ROLLER	QTY/PKG
G3031	Nylon	4

Minimum order: 1 pack.

CRL Window Roller

Flat nylon roller; aluminum rivet style axle pins; repair part for Cat. No. G3005 roller.

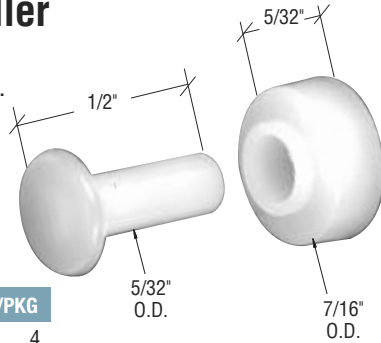


CAT. NO.	ROLLER	QTY/PKG
G3017	Nylon	8

Minimum order: 1 pack.

CRL Window Roller

Flat nylon roller; nylon axle pins; fits on Ador/HiLite.

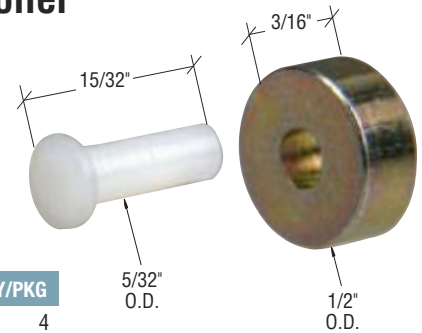


CAT. NO.	ROLLER	QTY/PKG
G3016	Nylon	4

Minimum order: 1 pack.

CRL Window Roller

Flat steel roller; nylon axle pins; fits on Western, Premier, and Keller windows.

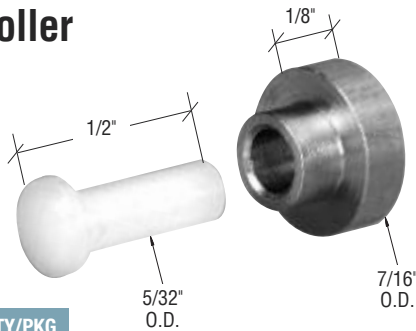


CAT. NO.	ROLLER	QTY/PKG
G3060	Steel	4

Minimum order: 1 pack.

CRL Window Roller

Flat steel roller; nylon axle pins; fits on Premier.

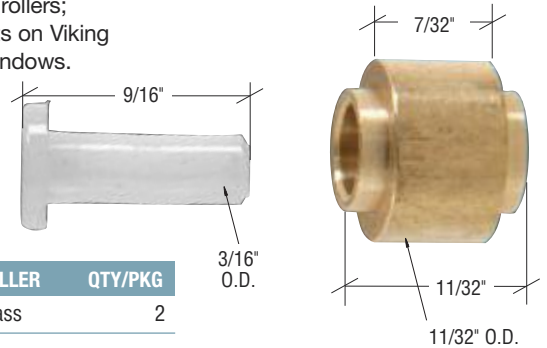


CAT. NO.	ROLLER	QTY/PKG
G3015	Steel	4
G3098	Stainless Steel	4

Minimum order: 1 pack.

CRL Window Roller

Solid brass rollers; nylon axles; fits on Viking Series M70 windows.

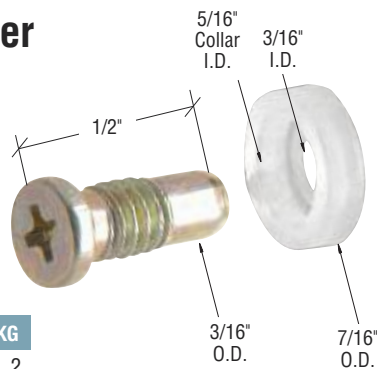


CAT. NO.	ROLLER	QTY/PKG
G3116	Brass	2

Minimum order: 1 pack.

CRL Window Roller

Nylon roller; steel axle screw; fits on Rolleze windows. This nylon roller fits on the outside face of the sash. Roller spins on head of axle screw.

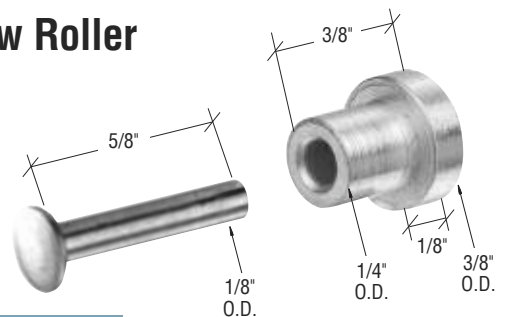


CAT. NO.	ROLLER	QTY/PKG
G3105	Nylon	2

Minimum order: 1 pack.

CRL Window Roller

Steel roller; steel axle pin; fits on Fullview windows.



CAT. NO.	ROLLER	QTY/PKG
G3082	Steel	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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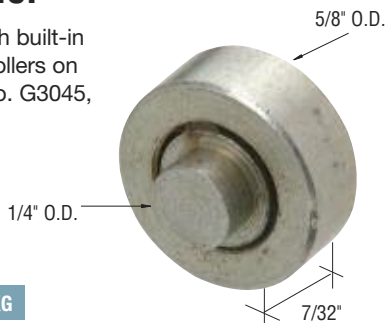
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CRL Window Roller

Steel ball bearing roller with built-in axle; will replace solid steel rollers on Acorn windows; fits in Cat No. G3045, G3058 and G3059 housings.

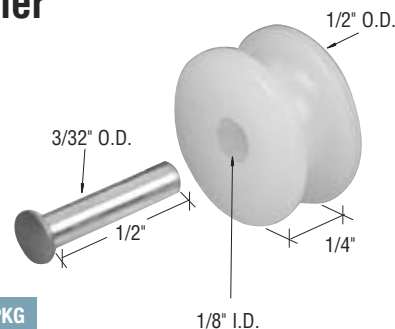


CAT. NO.	ROLLER	QTY/PKG
G3157	Steel B.B.	2

Minimum order: 1 pack.

CRL Window Roller

Deep center groove nylon roller; steel axle pin; used by several sliding window manufacturers.

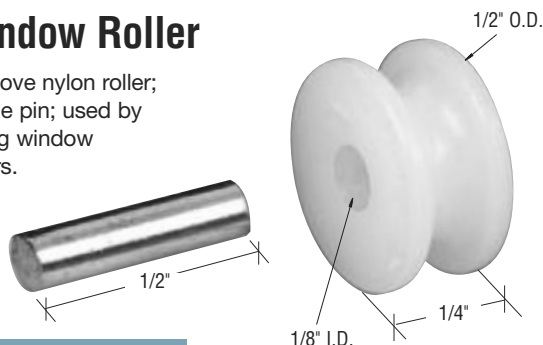


CAT. NO.	ROLLER	QTY/PKG
G3036	Nylon	4

Minimum order: 1 pack.

CRL Window Roller

Center groove nylon roller; aluminum axle pin; used by several sliding window manufacturers.

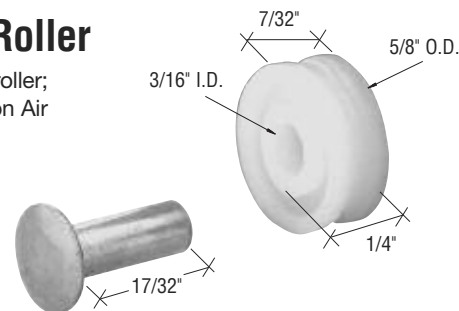


CAT. NO.	ROLLER	QTY/PKG
G3040	Nylon	4

Minimum order: 1 pack.

CRL Window Roller

Center groove nylon roller; aluminum axle pin; fits on Air Control windows.

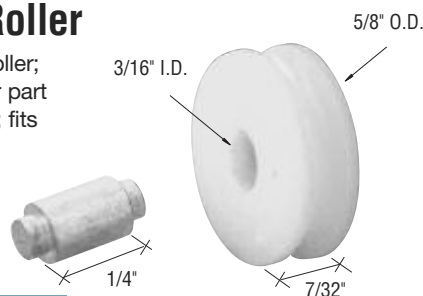


CAT. NO.	ROLLER	QTY/PKG
G3018	Nylon	4

Minimum order: 1 pack.

CRL Window Roller

Center groove nylon roller; aluminum axle pin; repair part for Cat. No. G3021 roller; fits on Trimview windows.

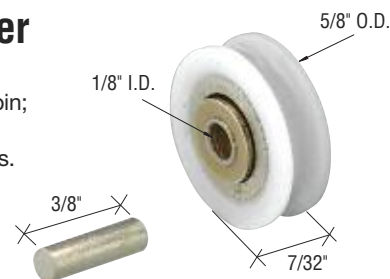


CAT. NO.	ROLLER	QTY/PKG
G3019	Nylon	4

Minimum order: 1 pack.

CRL Window Roller

Center groove nylon ball bearing roller; aluminum axle pin; repair part for Cat. No. G3021 roller; fits on Trimview windows.

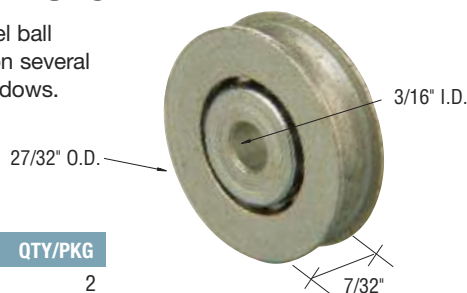


CAT. NO.	ROLLER	QTY/PKG
G3020	Nylon B.B.	4

Minimum order: 1 pack.

CRL Window Roller

Center groove steel ball bearing roller; used on several sliding aluminum windows.

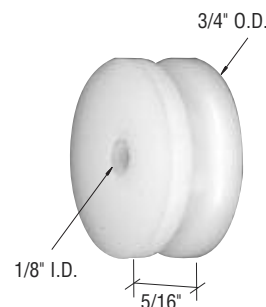


CAT. NO.	ROLLER	QTY/PKG
G3073	Steel B.B.	2

Minimum order: 1 pack.

CRL Window Roller

Narrow center groove nylon roller; fits on Ralley windows.



CAT. NO.	ROLLER	QTY/PKG
G3090	Nylon	2

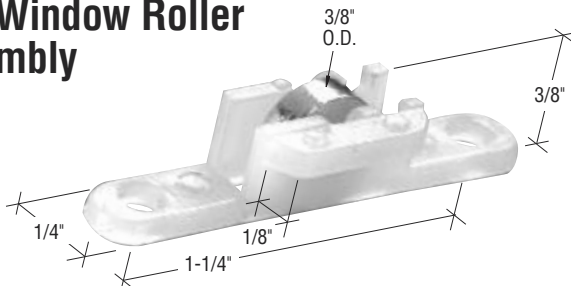
Minimum order: 1 pack.

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CRL Window Roller Assembly



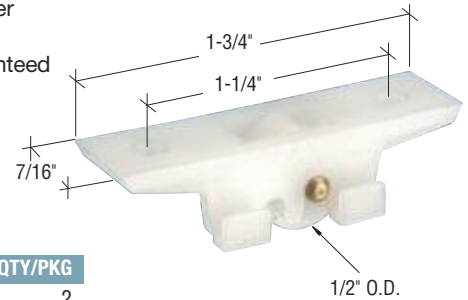
CAT. NO.	ROLLER	QTY/PKG
G3038	Steel	4
G3038B	Steel	40

Flat edge steel roller; nylon housing; fits on Tomray Tyco 66 windows, and others.

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller with brass axle; nylon housing fits on Guaranteed Products windows.

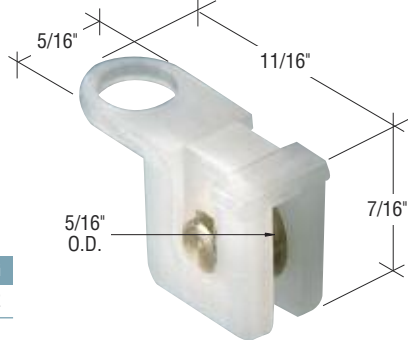


CAT. NO.	ROLLER	QTY/PKG
G3144	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Solid brass flat edge roller; nylon housing; fits on Better-Bilt windows.

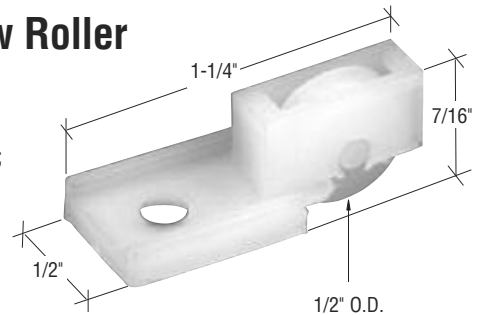


CAT. NO.	ROLLER	QTY/PKG
G3121	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; nylon housing; fits on Acorn and Keller windows.

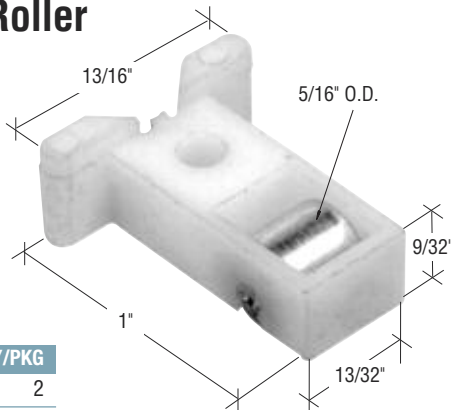


CAT. NO.	ROLLER	QTY/PKG
G3055	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel roller; nylon housing; original housing design did not have a roller, instead there was a flat glide surface. This newer design will interchange.

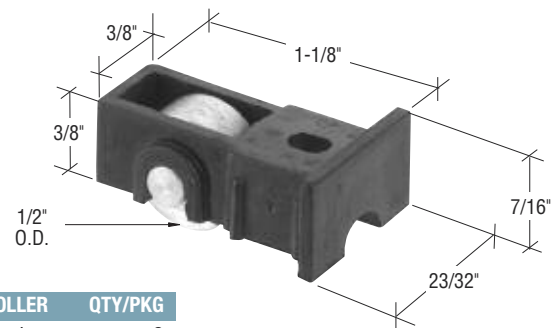


CAT. NO.	ROLLER	QTY/PKG
G3126	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat steel roller; nylon housing; fits on Sun-Air windows.

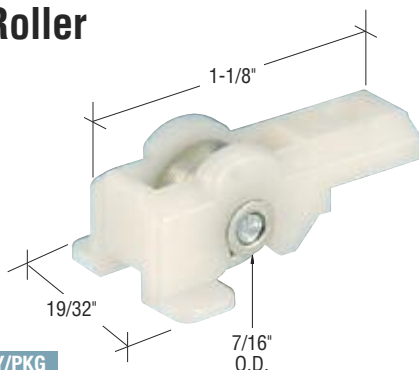


CAT. NO.	ROLLER	QTY/PKG
G3143	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel roller; nylon housing; fits on Pennco and others.



CAT. NO.	ROLLER	QTY/PKG
G3167	Steel	2

Minimum order: 1 pack.



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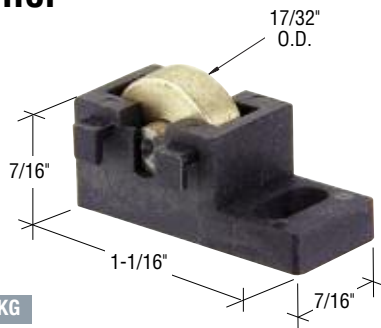
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CRL Window Roller Assembly

Black nylon housing; solid brass flat edge roller; brass axle; fits on Rollyson Series 400 windows.

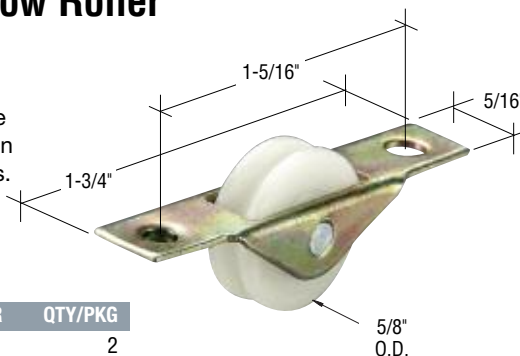


CAT. NO.	ROLLER	QTY/PKG
G3151	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Stamped steel housing; concave nylon roller; fits on Fullview windows.

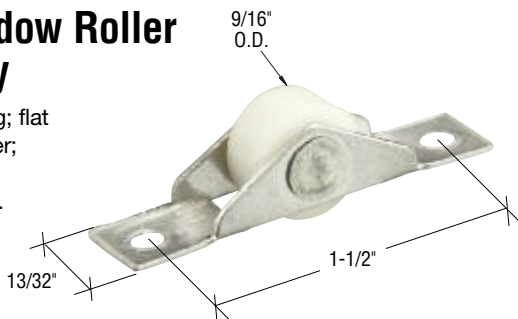


CAT. NO.	ROLLER	QTY/PKG
G3039	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Steel housing; flat edge nylon roller; used on sliding storm windows.

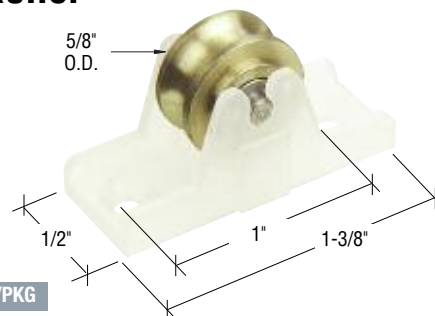


CAT. NO.	ROLLER	QTY/PKG
G3053	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon housing; center groove brass roller; steel axle; used by several window manufacturers.



CAT. NO.	ROLLER	QTY/PKG
G3051	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon housing; flat edge roller; used by several window manufacturers.

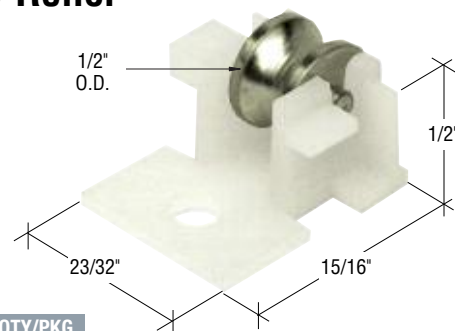


CAT. NO.	ROLLER	DIAMETER	QTY/PKG
G3052	Steel	5/8"	2
G3152	Nylon	3/4"	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon housing; center groove steel roller; used by Krestmark.

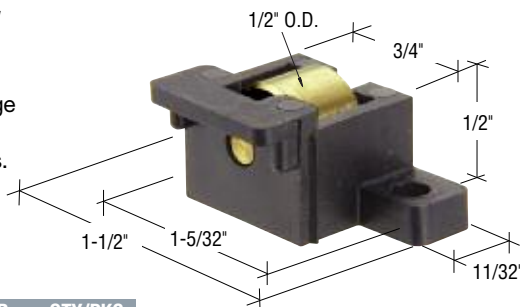


CAT. NO.	ROLLER	QTY/PKG
G3106	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Black plastic housing; flat edge brass roller; fits Amsco windows.

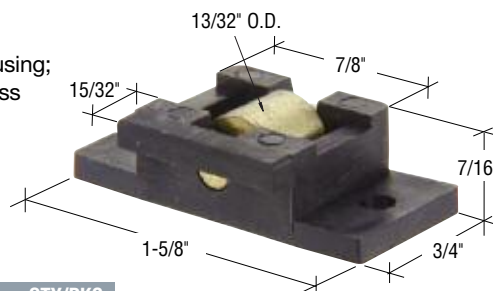


CAT. NO.	ROLLER	QTY/PKG
G3170	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Black nylon housing; flat edge solid brass roller; fits Amsco windows.



CAT. NO.	ROLLER	QTY/PKG
G3169	Brass	2

Minimum order: 1 pack.

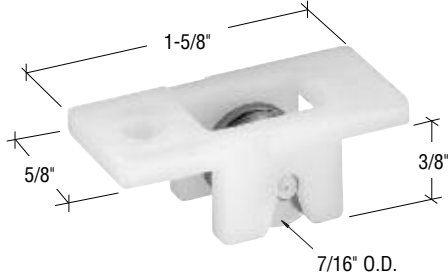
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CRL Window Roller Assembly

White nylon housing; steel concave roller; fits on H.R. windows and others.

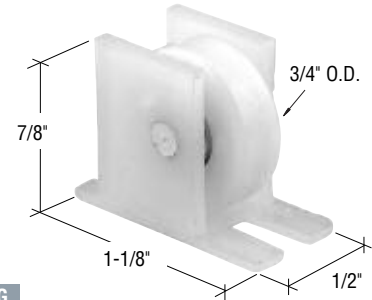


CAT. NO.	ROLLER	QTY/PKG
G3147	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon housing; flat edge nylon ball bearing roller.

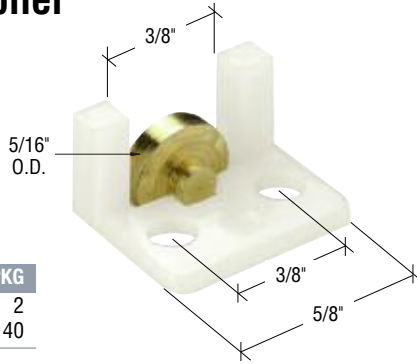


CAT. NO.	ROLLER	QTY/PKG
G3050	Nylon B.B.	4

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon guide bracket; flat edge brass roller; fits on Elco/Century windows.

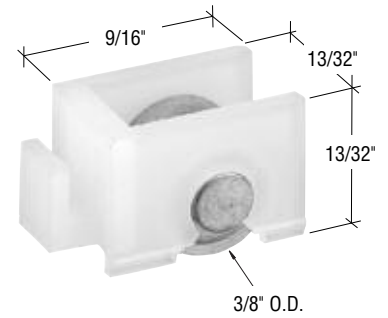


CAT. NO.	ROLLER	QTY/PKG
G3061	Brass	2
G3061B	Brass	40

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon housing, flat edge steel roller; fits on Fullview windows.

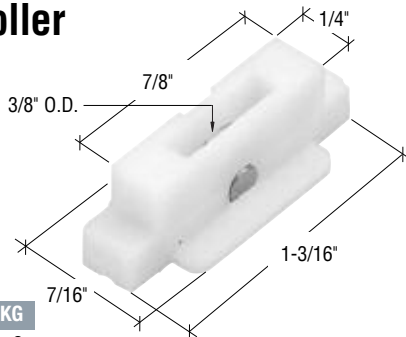


CAT. NO.	ROLLER	QTY/PKG
G3009	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon housing; 3/8" diameter flat edge steel roller; fits on Daryl windows.

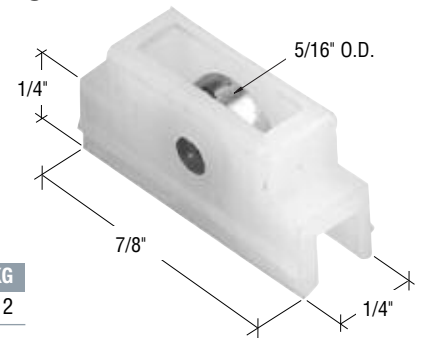


CAT. NO.	ROLLER	QTY/PKG
G3012	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon housing; flat edge steel roller; fits on Fullview windows.

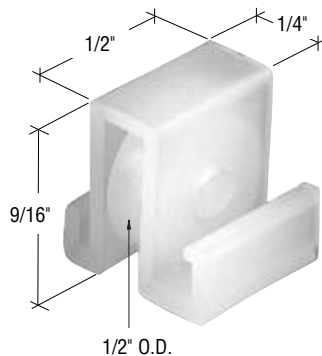


CAT. NO.	ROLLER	QTY/PKG
G3010	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon housing; flat edge nylon roller; fits on L.J. Windows and others.

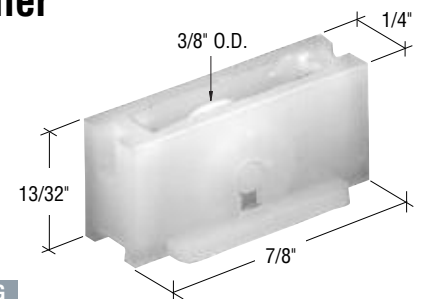


CAT. NO.	ROLLER	QTY/PKG
G3013	Nylon	4

Minimum order: 1 pack.

CRL Window Roller Assembly

Nylon housing; flat edge roller; fits on Elco, Better-Bilt Aluminum, and others.



CAT. NO.	ROLLER	QTY/PKG
G3086	Nylon	2
G3122	Brass	2

Minimum order: 1 pack.

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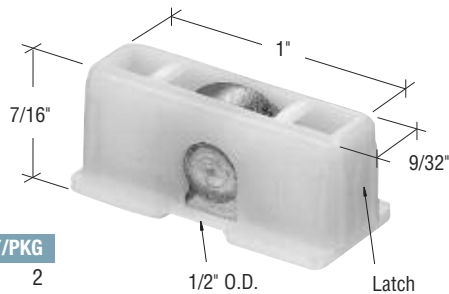
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CRL Window Roller Assembly

Flat edge steel roller; nylon housing fits on Superlite Series 8000 windows.

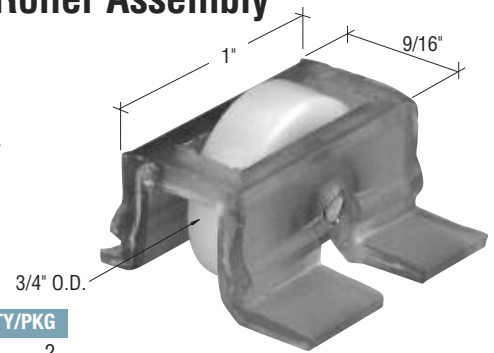


CAT. NO.	ROLLER	QTY/PKG
G3089	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon ball bearing roller; nylon housing; fits on Premier Series 510 windows.

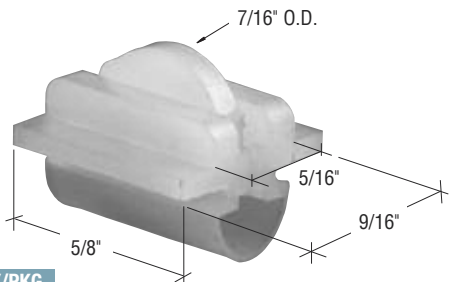


CAT. NO.	ROLLER	QTY/PKG
G3112	Nylon B.B.	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; nylon housing; roller is packaged unassembled.

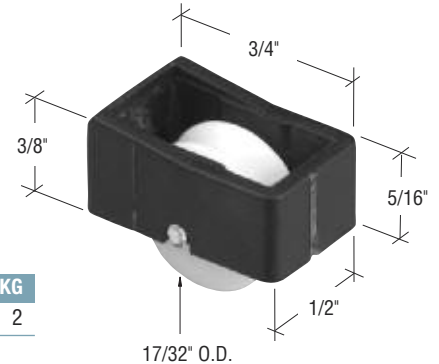


CAT. NO.	ROLLER	QTY/PKG
G3044	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove nylon roller; nylon housing; steel axle fits on Window Master. This nylon housing replaces original die cast housing.

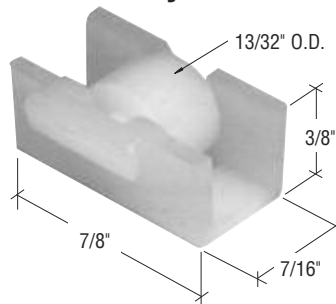


CAT. NO.	ROLLER	QTY/PKG
G3064	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; nylon housing; fits on Rolleze windows.

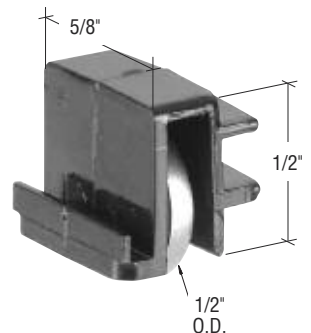


CAT. NO.	ROLLER	QTY/PKG
G3065	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge stainless steel ball bearing roller; black plastic housing.

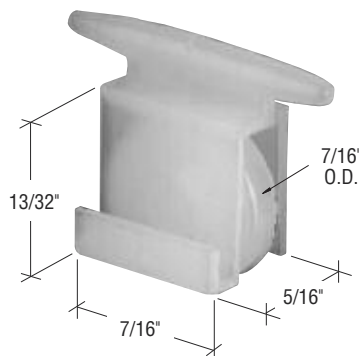


CAT. NO.	ROLLER	QTY/PKG
G3171	Stainless Steel BB	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; nylon housing;



CAT. NO.	ROLLER	QTY/PKG
G3182	Nylon	2

Minimum order: 1 pack.



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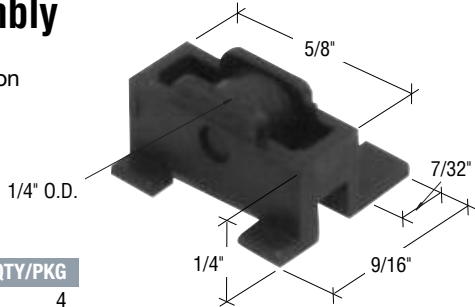
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CRL SLIDING WINDOW ROLLERS

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CRL Window Roller Assembly

Flat edge roller; nylon housing; offset guide leg; fits on Radco and Glass Emporium windows.

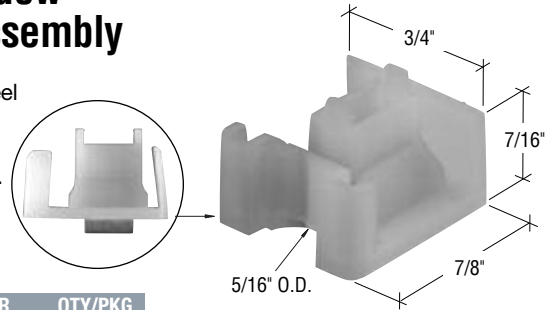


CAT. NO.	ROLLER	QTY/PKG
G3030	Nylon	4
G3153	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel roller; nylon housing; fits on Keller windows.

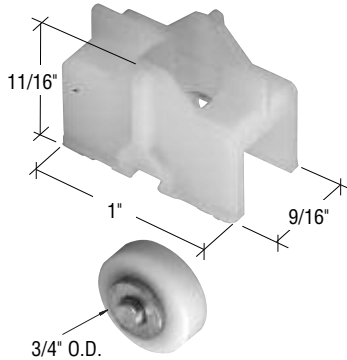


CAT. NO.	ROLLER	QTY/PKG
G3109	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon ball bearing roller; nylon housing; designed for Crossly windows.

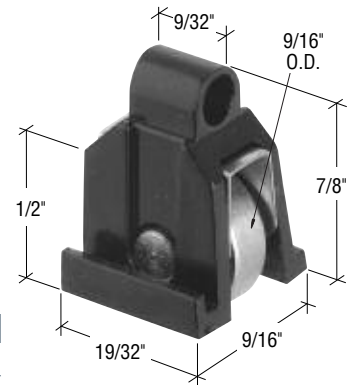


CAT. NO.	ROLLER	QTY/PKG
G3049	Nylon B.B.	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge stainless steel ball bearing roller; stainless roller insert carrier; plastic housing.

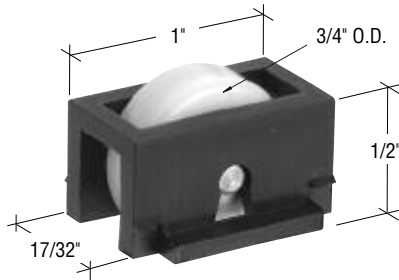


CAT. NO.	ROLLER	QTY/PKG
G3199	Stainless Steel BB	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon ball bearing roller; nylon housing.

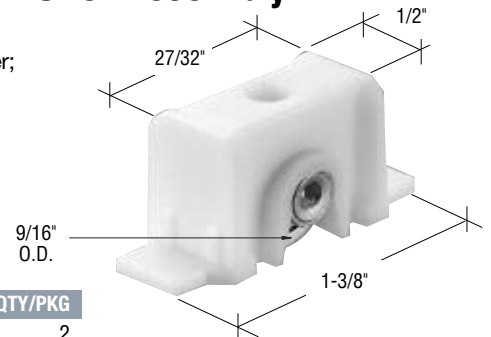


CAT. NO.	ROLLER	QTY/PKG
G3174	Nylon B.B.	1

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel roller; nylon housing.

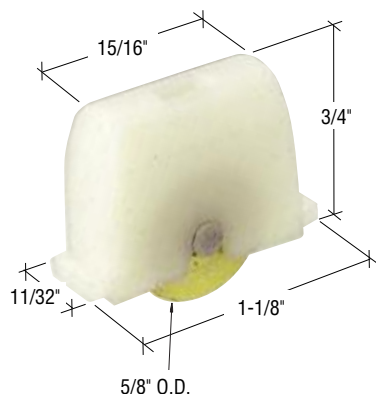


CAT. NO.	ROLLER	QTY/PKG
G3218	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove brass roller; nylon housing.

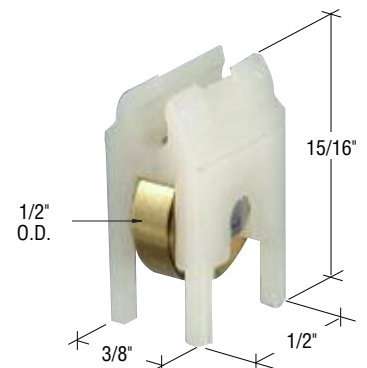


CAT. NO.	ROLLER	QTY/PKG
G3215	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge brass roller; nylon housing.



CAT. NO.	ROLLER	QTY/PKG
G3216	Brass	2

Minimum order: 1 pack.

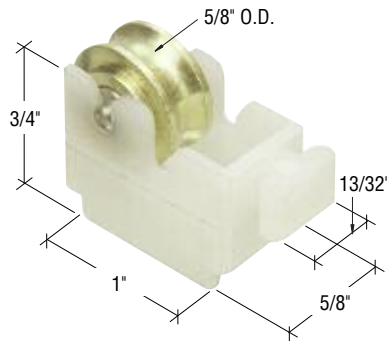
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CRL Window Roller Assembly

Center groove steel ball bearing roller; snap-in design; nylon housing.

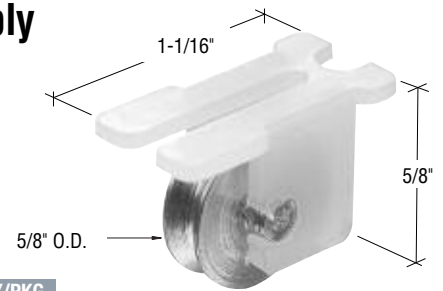


CAT. NO.	ROLLER	QTY/PKG
G3048	Steel B.B.	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove steel roller; nylon housing; used on Fullview windows.

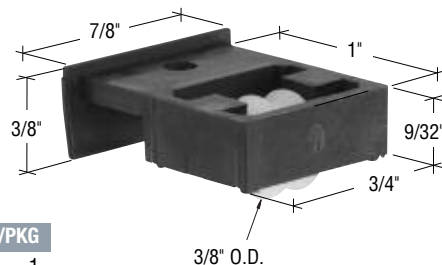


CAT. NO.	ROLLER	QTY/PKG
G3011	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove nylon roller; steel axle; black nylon housing.



CAT. NO.	ROLLER	QTY/PKG
G3206	Nylon	1

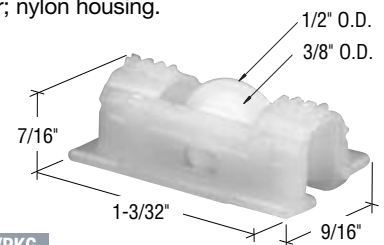
Minimum order: 1 pack.

CRL Window Roller Assembly

Flanged edge nylon roller; nylon housing.



Roller End View

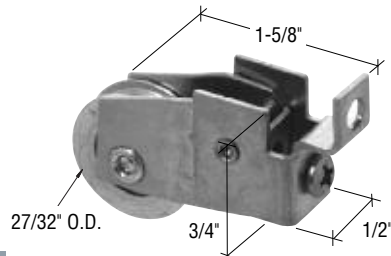


CAT. NO.	ROLLER	QTY/PKG
G3043	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove ball bearing roller; adjustable steel housing; used as a bottom roller on heavy sliding glass windows.

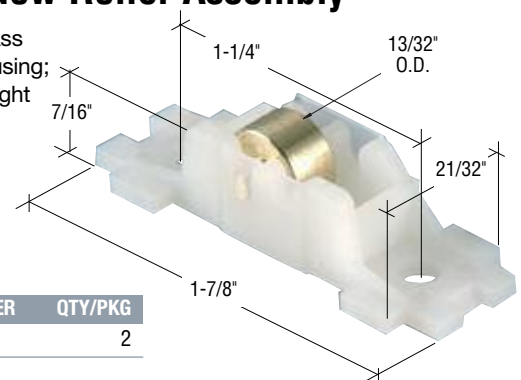


CAT. NO.	ROLLER	QTY/PKG
G3014	Nylon B.B.	2
G3133	Steel B.B.	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge brass roller; nylon housing; two-position height adjustment.

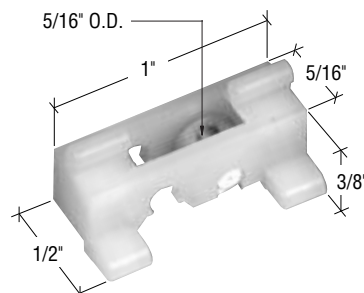


CAT. NO.	ROLLER	QTY/PKG
G3211	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel roller; nylon housing; two-position height adjustment; used on Olson windows and other manufacturers.

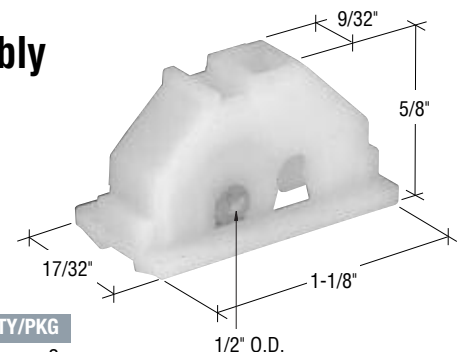


CAT. NO.	ROLLER	QTY/PKG
G3008	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge brass roller; nylon housing; two-position height adjustment.



CAT. NO.	ROLLER	QTY/PKG
G3217	Brass	2

Minimum order: 1 pack.

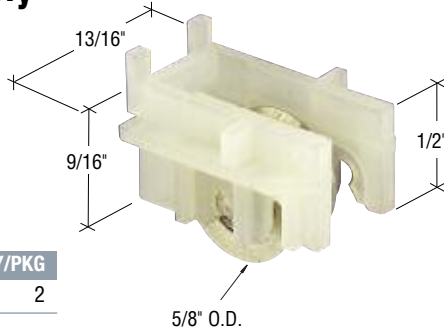
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CRL Window Roller Assembly

Center groove steel roller; nylon housing; two-position height adjustment.

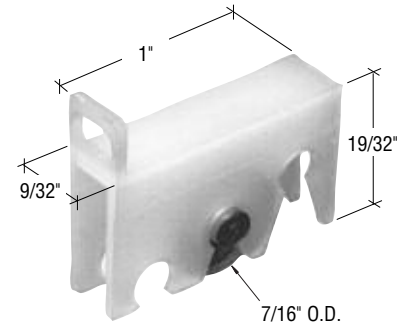


CAT. NO.	ROLLER	QTY/PKG
G3207	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Concave steel roller; nylon housing; three-position height adjustment; used on Alenco windows.

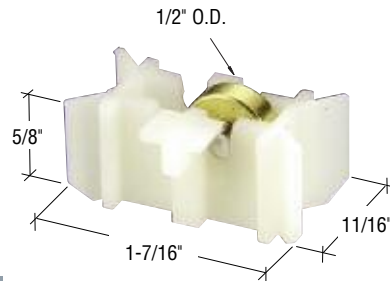


CAT. NO.	ROLLER	QTY/PKG
G3097	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel roller; adjustable white nylon housing; two-position height adjustment; used on Alenco windows.

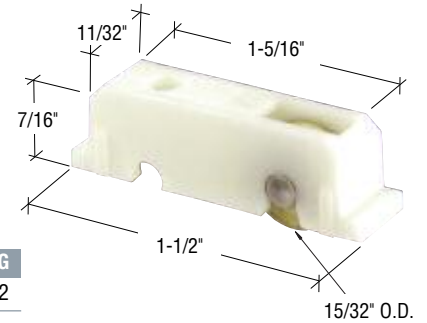


CAT. NO.	ROLLER	QTY/PKG
G3166	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge brass roller; nylon housing; two-position height adjustment.

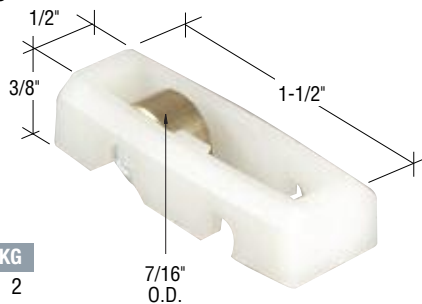


CAT. NO.	ROLLER	QTY/PKG
G3221	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge solid brass roller; nylon housing; used on Capitol 600 Series windows.

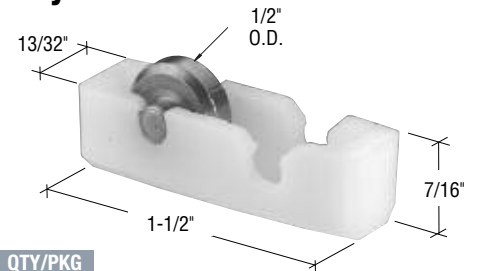


CAT. NO.	ROLLER	QTY/PKG
G3127	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge beveled steel roller; nylon housing; used on Capitol storm windows.

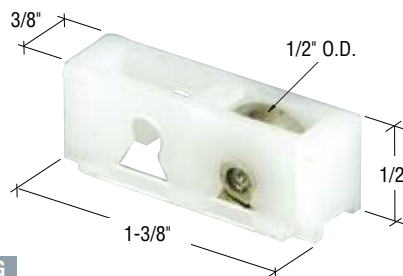


CAT. NO.	ROLLER	QTY/PKG
G3225	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Steel ball bearing roller; adjustable nylon housing; two-position height adjustment; used by Thermo Glide, Bee Cee and other window manufacturers.

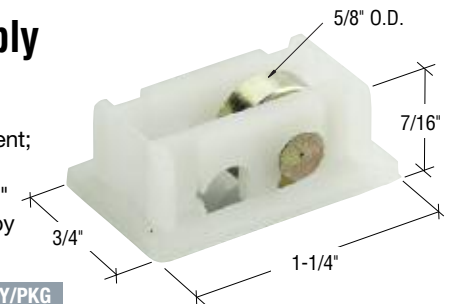


CAT. NO.	ROLLER	QTY/PKG
G3072	Steel B.B.	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel roller; nylon housing; two-position height adjustment; used on Acorn "Series 2100" thru "Series 2300" old style windows and by other manufacturers.



CAT. NO.	ROLLER	QTY/PKG
G3058	Steel	2

Minimum order: 1 pack.

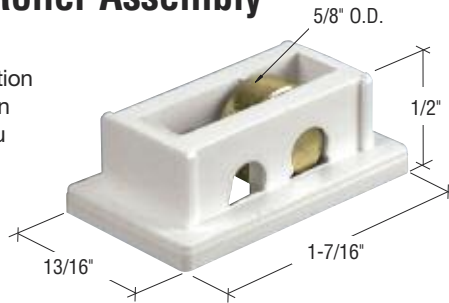
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CRL Window Roller Assembly

Flat edge steel roller; nylon housing; two-position height adjustment; fits on Acorn "Series 2100" thru "Series 2300" new style windows and others.

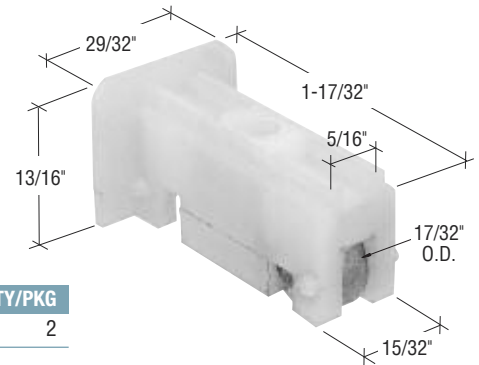


CAT. NO.	ROLLER	QTY/PKG
G3059	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel ball bearing roller; nylon housing; fits on Bee Cee windows and others.

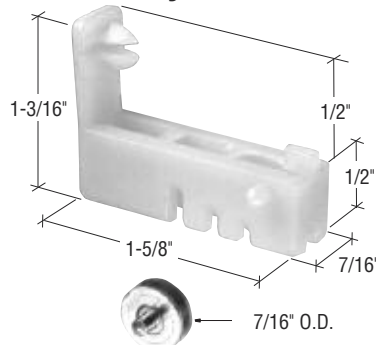


CAT. NO.	ROLLER	QTY/PKG
G3047	Steel B.B.	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove steel roller; nylon housing; three-position height adjustment; fits on Glasco windows.

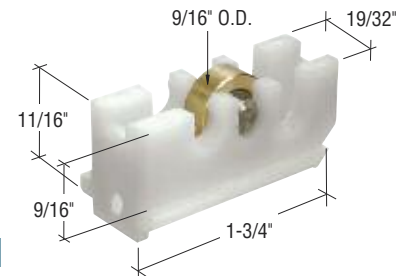


CAT. NO.	ROLLER	QTY/PKG
G3006	Steel	1

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge brass roller with steel axle; nylon housing; three-position height adjustment; fits on Capitol "Series 180" windows.

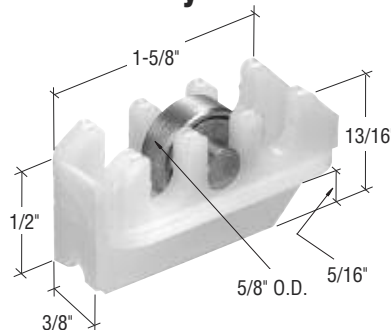


CAT. NO.	ROLLER	QTY/PKG
G3046	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel roller; nylon housing; three-position height adjustment; fits on Acorn "Series 2200" windows.

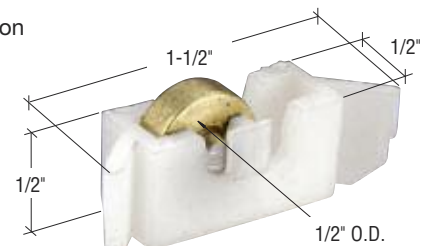


CAT. NO.	ROLLER	QTY/PKG
G3045	Steel B.B.	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge brass roller; nylon housing; two-position height adjustment.



CAT. NO.	ROLLER	QTY/PKG
G3219	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge brass roller; nylon housing; two-position height adjustment.

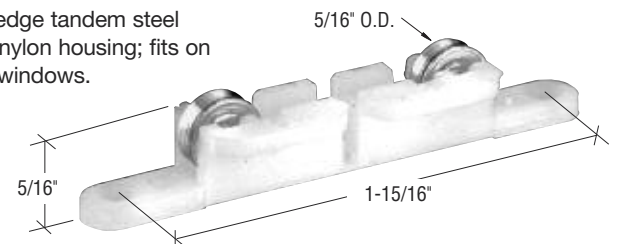


CAT. NO.	ROLLER	QTY/PKG
G3181	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem steel rollers; nylon housing; fits on A.B.C. windows.



CAT. NO.	ROLLERS	QTY/PKG
G3158	Steel	2

Minimum order: 1 pack.

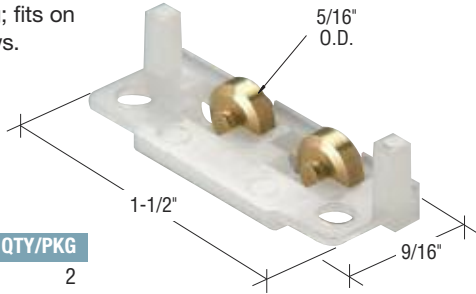
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CRL Window Roller Assembly

Flat edge tandem brass rollers; nylon housing; fits on Elco/Century windows.

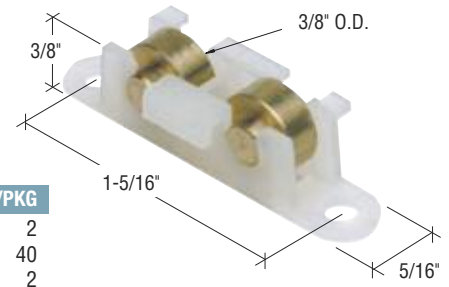


CAT. NO.	ROLLERS	QTY/PKG
G3118	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem rollers; nylon housing; fits on House of Aluminum and others.

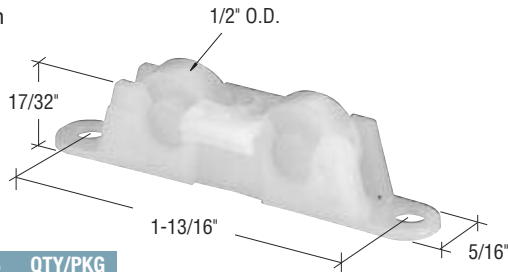


CAT. NO.	ROLLERS	QTY/PKG
G3066	Nylon	2
G3066B	Nylon	40
G3091	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem nylon rollers; nylon housing.

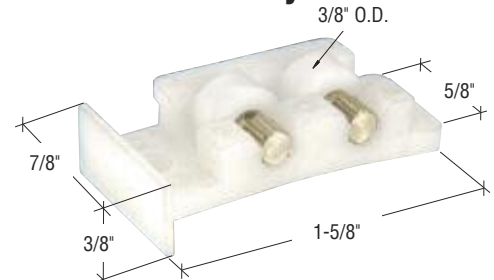


CAT. NO.	ROLLERS	QTY/PKG
G3107	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem nylon rollers; brass axles; nylon housing; fits on Premier windows.

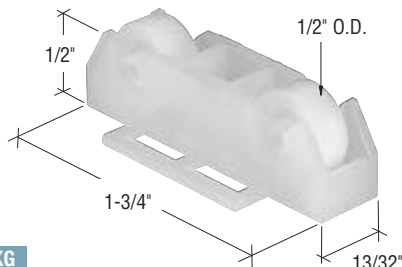


CAT. NO.	ROLLERS	QTY/PKG
G3136	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem nylon rollers; nylon housing.

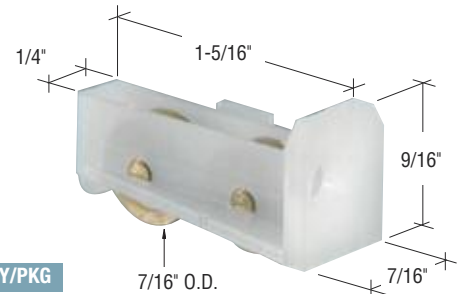


CAT. NO.	ROLLERS	QTY/PKG
G3197	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem brass rollers; nylon housing. One left hand and one right hand per package.

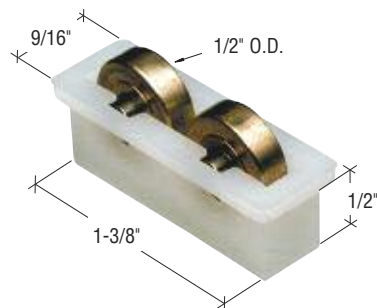


CAT. NO.	ROLLERS	QTY/PKG
G3204	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem brass rollers; nylon housing; used by several window manufacturers.



CAT. NO.	ROLLERS	QTY/PKG
G3119	Brass	2

Minimum order: 1 pack.



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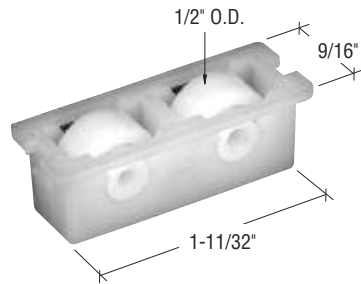
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CRL Window Roller Assembly

Flat edge tandem nylon rollers; nylon housing; used by several window manufacturers.

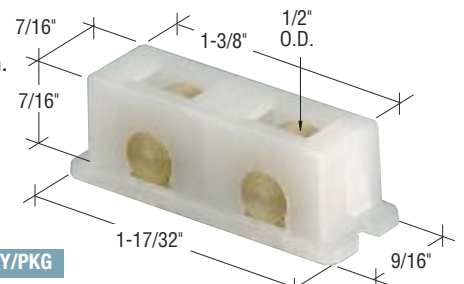


CAT. NO.	ROLLERS	QTY/PKG
G3134	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem brass rollers; nylon housing; snap-in design.

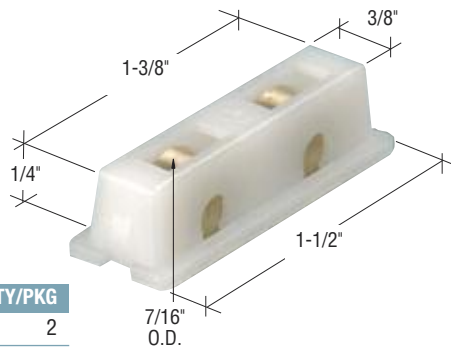


CAT. NO.	ROLLERS	QTY/PKG
G3177	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem brass rollers; nylon housing; used by several window manufacturers.

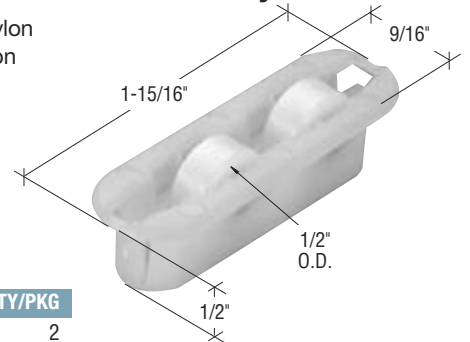


CAT. NO.	ROLLERS	QTY/PKG
G3222	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem nylon rollers; steel axles; nylon housing; two-position height adjustment.

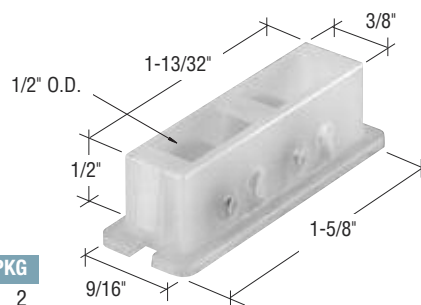


CAT. NO.	ROLLERS	QTY/PKG
G3200	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem nylon rollers; nylon housing; two-position height adjustment.

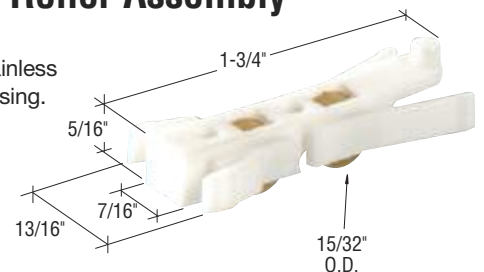


CAT. NO.	ROLLERS	QTY/PKG
G3208	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem solid brass rollers; stainless steel axles; nylon housing.

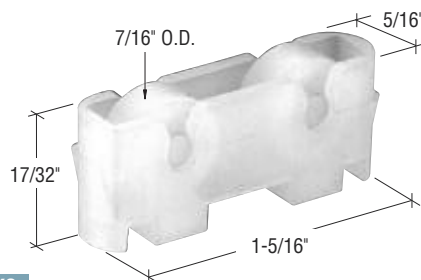


CAT. NO.	ROLLERS	QTY/PKG
G3129	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Tandem flat edge nylon rollers; nylon housing.



CAT. NO.	ROLLERS	QTY/PKG
G3160	Nylon	2

Minimum order: 1 pack.

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- Pleasant Aroma
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CAT. NO. 1973



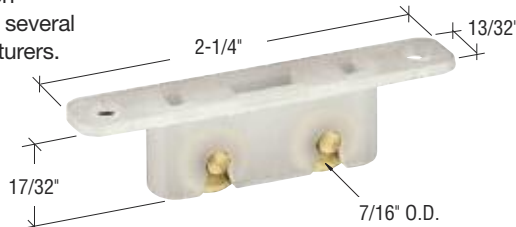
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CRL Window Roller Assembly

Flat edge tandem solid brass rollers; nylon housing; used by several window manufacturers.

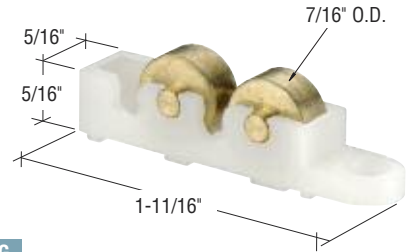


CAT. NO.	ROLLERS	QTY/PKG
G3130	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem solid brass rollers; nylon housing; two-position height adjustment.

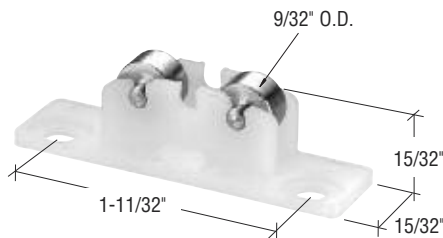


CAT. NO.	ROLLERS	QTY/PKG
G3159	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem steel rollers; nylon housing; fits Horizon windows.

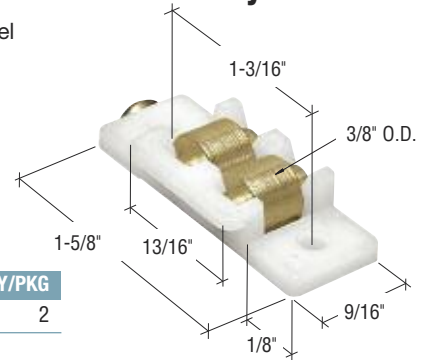


CAT. NO.	ROLLERS	QTY/PKG
G3165	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem steel rollers; nylon housing; fits on Tomray Tyco 77 dual-glazed windows.

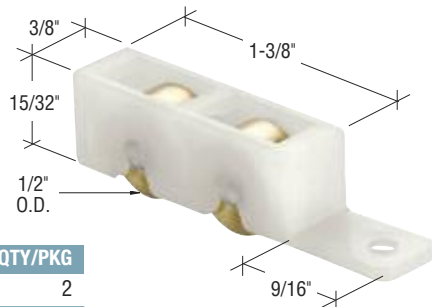


CAT. NO.	ROLLERS	QTY/PKG
G3071	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem brass rollers; nylon housing.

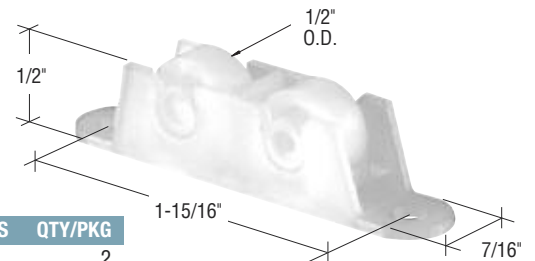


CAT. NO.	ROLLERS	QTY/PKG
G3213	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem rollers; nylon housing.

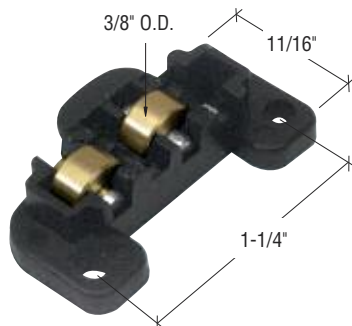


CAT. NO.	ROLLERS	QTY/PKG
G3176	Nylon	2
G3205	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem brass rollers; steel axles; nylon housing; two-position height adjustment.

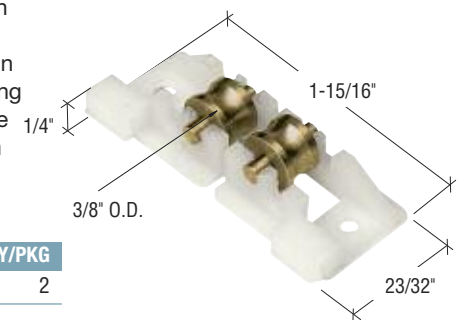


CAT. NO.	ROLLERS	QTY/PKG
G3132	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove tandem brass rollers; white nylon housing; two-position height adjustment; fits on Merzon windows; housing can snap apart for single glazed or left as tandem for dual glazed.



CAT. NO.	ROLLERS	QTY/PKG
G3131	Brass	2

Minimum order: 1 pack.

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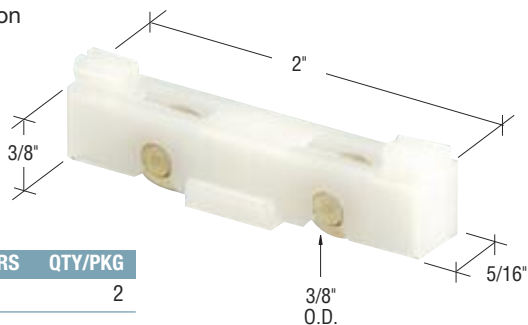
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CRL Window Roller Assembly

Flat edge tandem brass rollers; nylon housing.

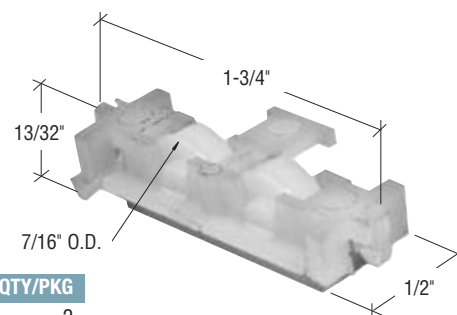


CAT. NO.	ROLLERS	QTY/PKG
G3173	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem nylon rollers; nylon housing; fits Milgard windows.

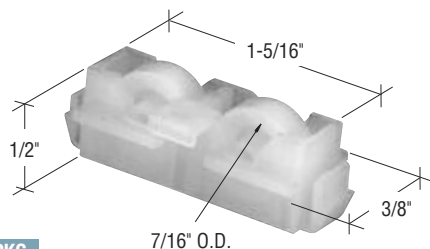


CAT. NO.	ROLLERS	QTY/PKG
G3146	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem nylon rollers; nylon housing.

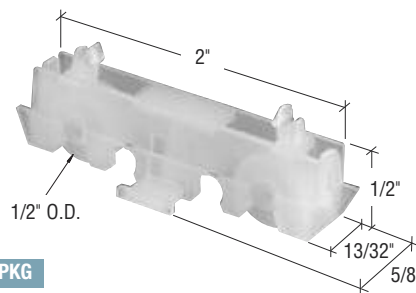


CAT. NO.	ROLLERS	QTY/PKG
G3201	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge tandem nylon rollers; nylon housing; two-position height adjustment.

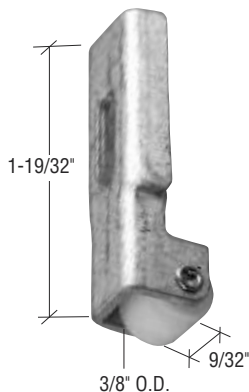


CAT. NO.	ROLLERS	QTY/PKG
G3198	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; aluminum bracket; used by several window manufacturers.



CAT. NO.	ROLLER	QTY/PKG
G3005	Nylon	4

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge roller; stamped steel bracket; fits on International windows. This stamped steel roller bracket replaces the original extruded aluminum bracket similar to Cat. No. G3102 as shown below.

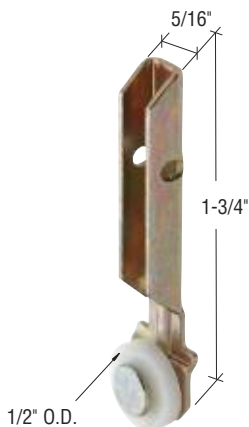


CAT. NO.	ROLLER	QTY/PKG
G3077	Nylon	2
G3156	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; stamped steel bracket; fits on Century-Elco windows.

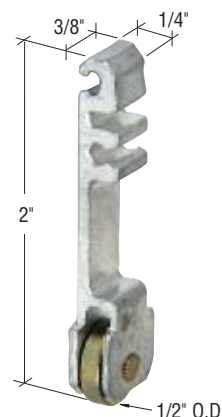


CAT. NO.	ROLLER	QTY/PKG
G3135	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge steel roller; extruded aluminum bracket; fits on International windows.



CAT. NO.	ROLLER	QTY/PKG
G3102	Steel	2

Minimum order: 1 pack.

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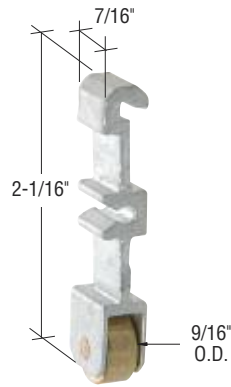
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CRL Window Roller Assembly

Heavy-duty steel roller; extruded aluminum bracket; fits on International insulating glass windows.

CAT. NO.	ROLLER	QTY/PKG
G3137	Steel	2

Minimum order: 1 pack.

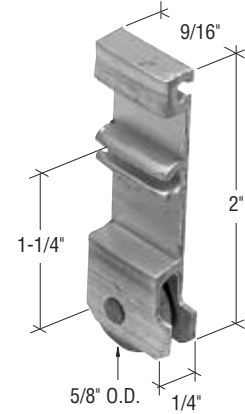


CRL Window Roller Assembly

Steel ball bearing roller; extruded aluminum bracket; fits on International windows and others.

CAT. NO.	ROLLER	QTY/PKG
G3124	Steel B.B.	2

Minimum order: 1 pack.

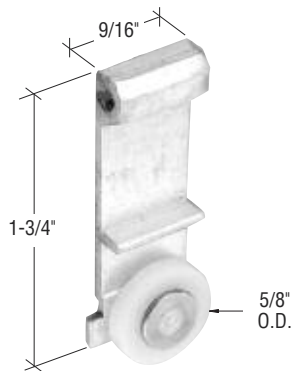


CRL Window Roller Assembly

Flat edge nylon roller; aluminum bracket; fits on International windows.

CAT. NO.	ROLLER	QTY/PKG
G3001	Nylon	2

Minimum order: 1 pack.

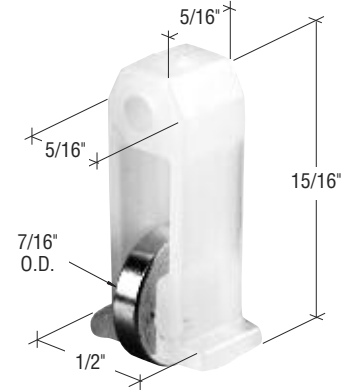


CRL Window Roller Assembly

Flat edge steel roller; nylon housing and guide.

CAT. NO.	ROLLER	QTY/PKG
G3108	Steel	2

Minimum order: 1 pack.

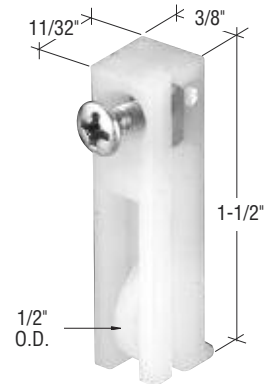


CRL Window Roller Assembly

Flat edge nylon roller; nylon housing; retainer screw threads into a square nut in center of body.

CAT. NO.	ROLLER	QTY/PKG
G3212	Nylon	2

Minimum order: 1 pack.

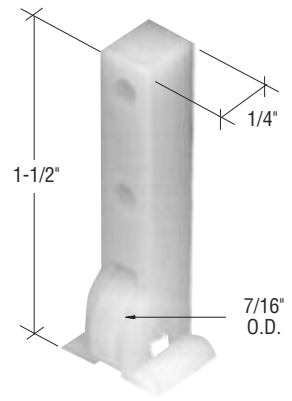


CRL Window Roller Assembly

Flat edge nylon roller; nylon housing; fits on Guaranteed Products.

CAT. NO.	ROLLER	QTY/PKG
G3004	Nylon	4

Minimum order: 1 pack.

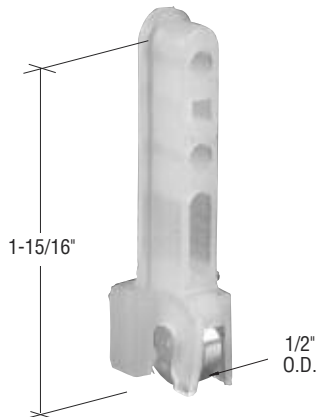


CRL Window Roller Assembly

Flat roller; nylon housing; top rollers adjust "up" to provide anti-lift protection; bottom rollers adjust "up and down" for alignment; fits on Hi-Lite 200 Series windows.

CAT. NO.	ROLLER	QTY/PKG
G3003	Nylon	4
G3076	Steel	2

Minimum order: 1 pack.

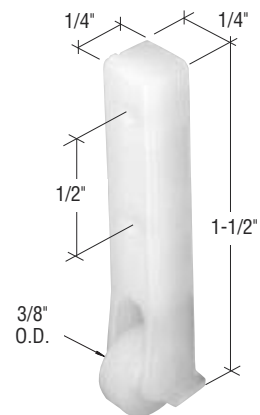


CRL Window Roller Assembly

Flat edge nylon roller; nylon housing; fits on Guaranteed windows.

CAT. NO.	ROLLER	QTY/PKG
G3083	Nylon	2

Minimum order: 1 pack.



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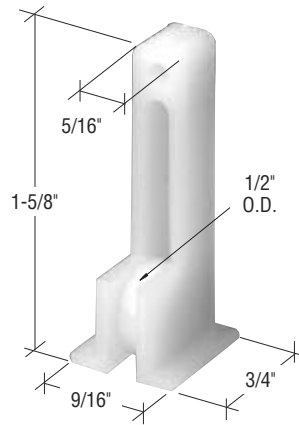
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CRL Window Roller Assembly

Flat edge roller; nylon housing; fits on Guaranteed windows.

CAT. NO.	ROLLER	QTY/PKG
G3002	Nylon	2
G3075	Brass	2

Minimum order: 1 pack.

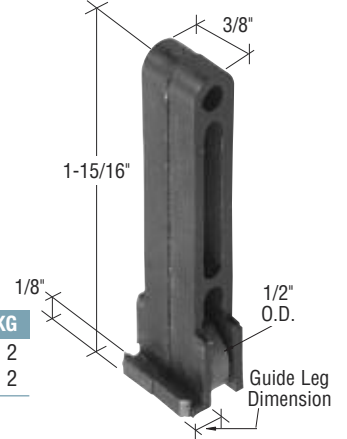


CRL Window Roller Assembly

Flat edge nylon roller; nylon housing; fits on A-1 Aluminum, Horizon, Sun Air, International, Patio Concepts, and others.

CAT. NO.	ROLLER	GUIDE LEG	QTY/PKG
G3084	Nylon	1/16"	2
G3085	Nylon	1/8"	2

Minimum order: 1 pack.

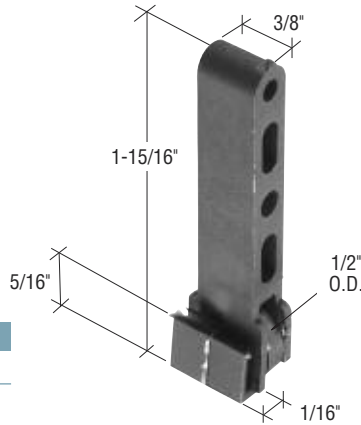


CRL Window Roller Assembly

Flat edge nylon roller; nylon housing; fits on Premier and others.

CAT. NO.	ROLLER	QTY/PKG
G3088	Nylon	2

Minimum order: 1 pack.

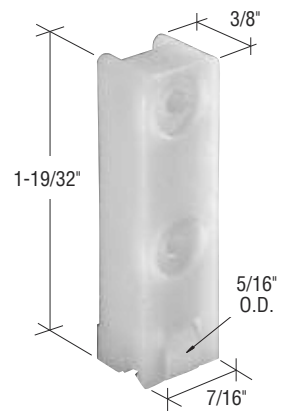


CRL Window Roller Assembly

Flat edge nylon rollers; nylon housing; fits on Air Flow windows.

CAT. NO.	ROLLER	QTY/PKG
G3037	Nylon	4

Minimum order: 1 pack.

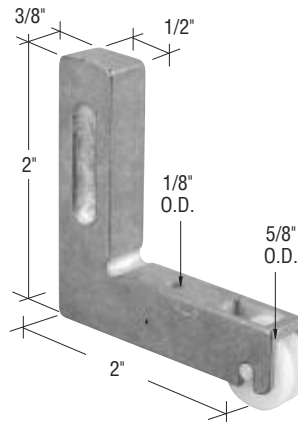


CRL Corner Insert and Window Roller Assembly

Concave nylon roller; die cast corner; 7/32" x 5/8" fits on Trimview windows.

CAT. NO.	ROLLER	QTY/PKG
G3021	Nylon	2

Minimum order: 1 pack.

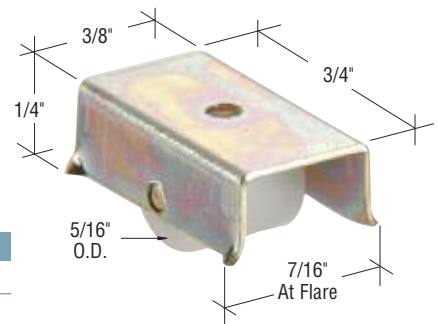


CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding storm windows and showcase doors.

CAT. NO.	ROLLER	QTY/PKG
G3123	Nylon	2

Minimum order: 1 pack.

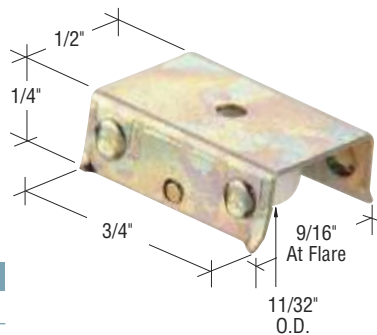


CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding windows and showcase doors.

CAT. NO.	ROLLER	QTY/PKG
G3128	Nylon	2

Minimum order: 1 pack.

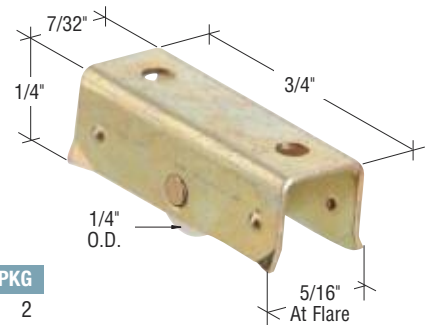


CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding windows and showcase doors.

CAT. NO.	ROLLER	QTY/PKG
G3186	Nylon	2

Minimum order: 1 pack.



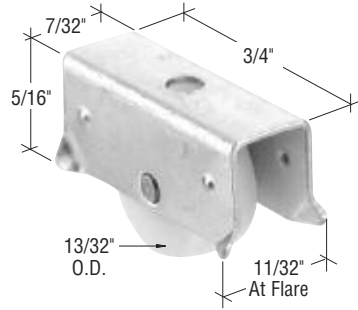
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CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding windows and showcase doors.

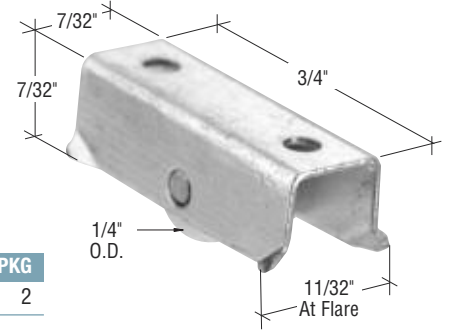


CAT. NO.	ROLLER	QTY/PKG
G3190	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding windows and showcase doors.

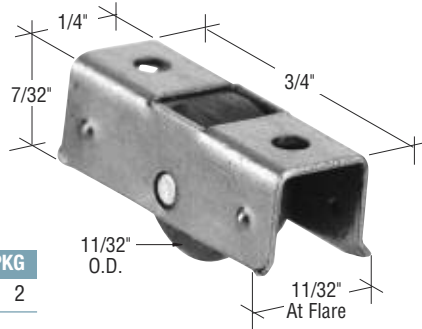


CAT. NO.	ROLLER	QTY/PKG
G3188	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding windows and showcase doors.

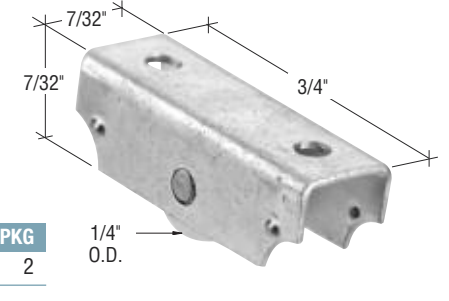


CAT. NO.	ROLLER	QTY/PKG
G3189	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding windows and showcase doors.

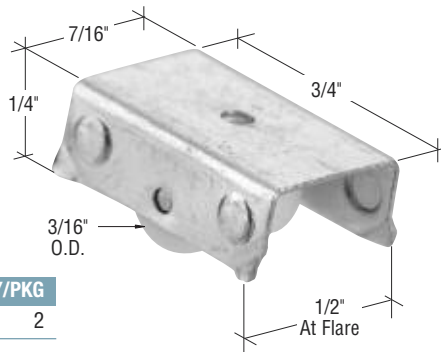


CAT. NO.	ROLLER	QTY/PKG
G3187	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding windows and showcase doors.

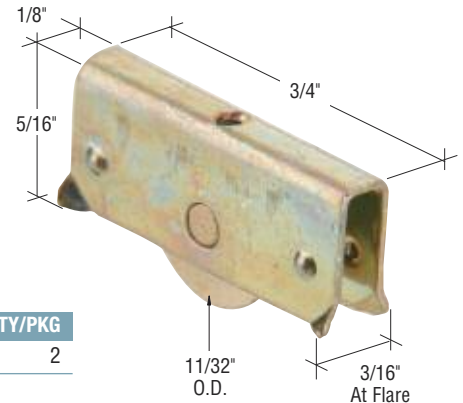


CAT. NO.	ROLLER	QTY/PKG
G3191	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge brass roller; stamped steel housing; used on sliding windows and showcase doors.

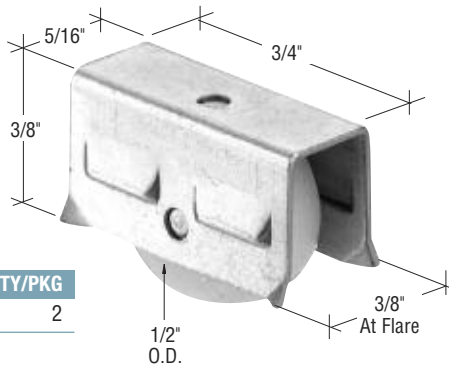


CAT. NO.	ROLLER	QTY/PKG
G3196	Brass	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Convex nylon roller; stamped steel housing; used on sliding windows and showcase doors.

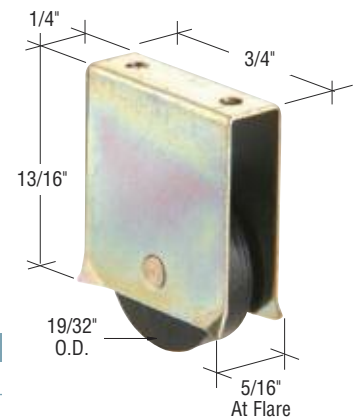


CAT. NO.	ROLLER	QTY/PKG
G3041	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Stamped steel housing; flat edge nylon roller; used on sliding storm windows and showcase doors.



CAT. NO.	ROLLER	QTY/PKG
G3195	Nylon	2

Minimum order: 1 pack.

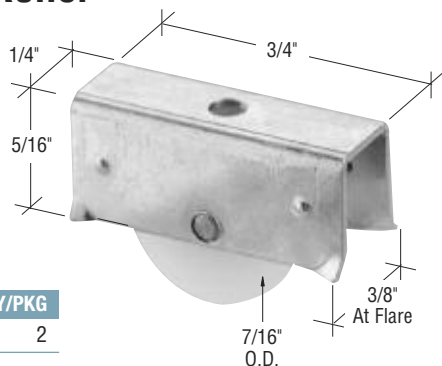
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CRL Window Roller Assembly

Center groove nylon roller; stamped steel housing; used on sliding storm windows and showcase doors.

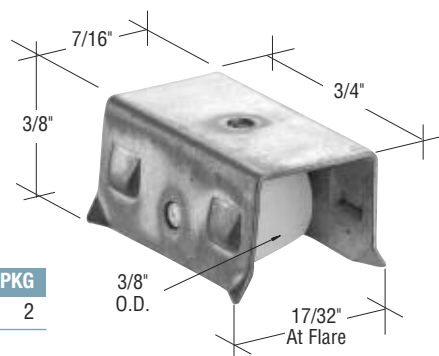


CAT. NO.	ROLLER	QTY/PKG
G3092	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Convex nylon roller; stamped steel housing; used on sliding storm windows and showcase doors.

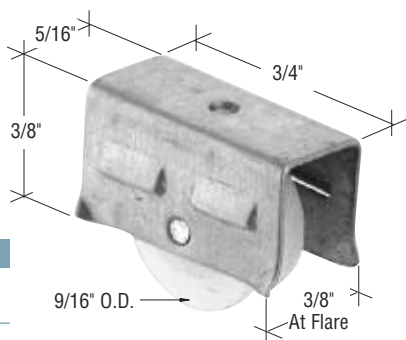


CAT. NO.	ROLLER	QTY/PKG
G3093	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove roller; stamped steel housing; used on sliding storm windows and showcase doors.

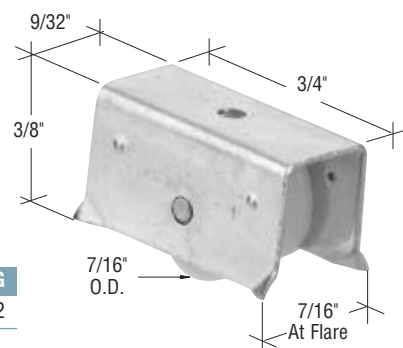


CAT. NO.	ROLLER	QTY/PKG
G3094	Nylon	2
G3095	Steel	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove nylon roller; stamped steel housing; used on sliding storm windows and showcase doors.

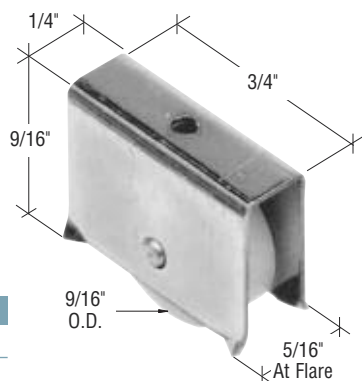


CAT. NO.	ROLLER	QTY/PKG
G3192	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding storm windows and showcase doors.

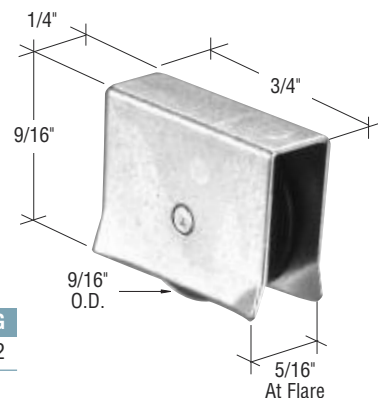


CAT. NO.	ROLLER	QTY/PKG
G3125	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove nylon roller; stamped steel housing; used on sliding windows and showcase doors.

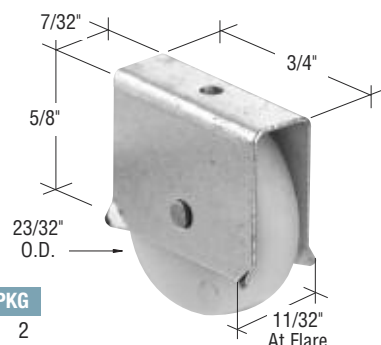


CAT. NO.	ROLLER	QTY/PKG
G3087	Nylon	2

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat edge nylon roller; stamped steel housing; used on sliding storm windows and showcase doors.

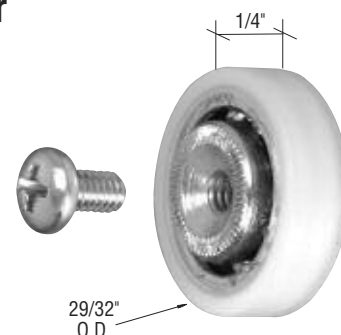


CAT. NO.	ROLLER	QTY/PKG
G3194	Nylon	2

Minimum order: 1 pack.

CRL Window Roller

Flat nylon ball bearing roller; complete with screw stud; very commonly used with top hung hanger in pass-thru window assemblies.



CAT. NO.	ROLLER	QTY/PKG
D679	Nylon B.B.	1

Minimum order: 1 pack.

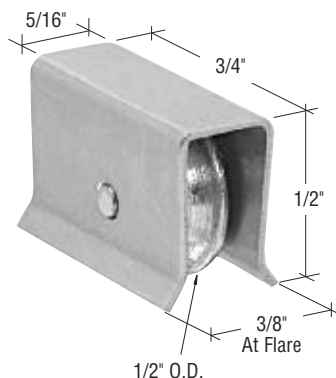
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CRL Window Roller Assembly

Steel housing; concave roller; press-fits into D610, D615, LK610, KK610, and MC610 H-Bars.

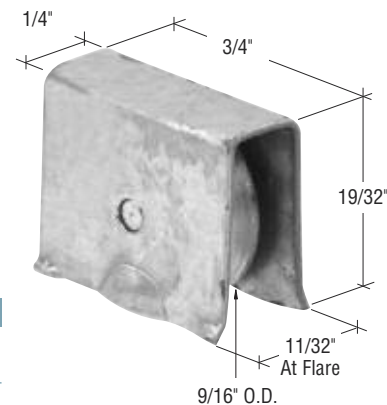


CAT. NO.	ROLLER	QTY/PKG
D649	Steel	1
D650	Nylon	1

Minimum order: 1 pack.

CRL Window Roller Assembly

Stamped Steel housing; concave roller; press-fits into D5610 and competitive H-Bars.

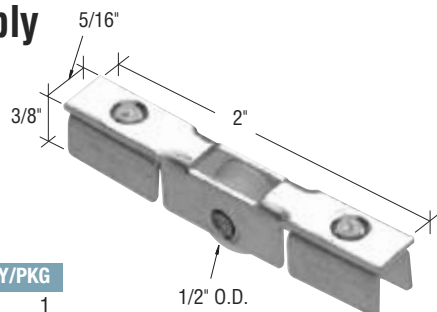


CAT. NO.	ROLLER	QTY/PKG
D5649	Steel	1
D5650	Nylon	1

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove roller; steel housing; slips into end of Cat. No. DV146 H-Bar and is held in place when the two screws are tightened.

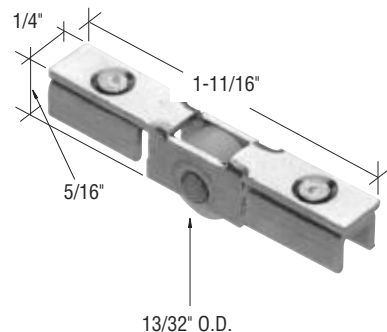


CAT. NO.	ROLLER	QTY/PKG
DV147	Nylon	1
DV147S	Steel	1

Minimum order: 1 pack.

CRL Window Roller Assembly

Flat nylon roller; steel housing; slips into end of Cat. No. D1652 H-Bar and is held into place by tightening two screws.

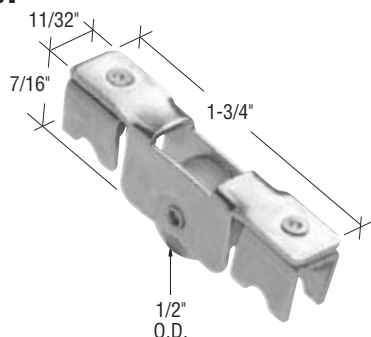


CAT. NO.	ROLLER	QTY/PKG
D123R	Nylon	1

Minimum order: 1 pack.

CRL Window Roller Assembly

Center groove nylon ball bearing roller; steel housing; slips into end of Cat. No. S710A Security H-Bar; held into place by tightening two screws.

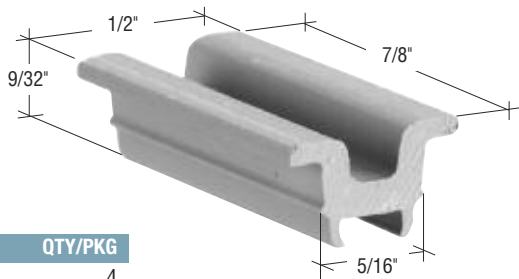


CAT. NO.	ROLLER	QTY/PKG
TA20	Nylon B.B.	1

Minimum order: 1 pack.

CRL Window Guide

Gray nylon top guide; snap-in design; fits on Pacific Window and others.

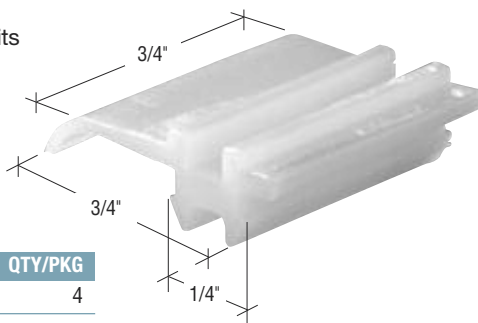


CAT. NO.	QTY/PKG
G3141	4

Minimum order: 1 pack.

CRL Window Guide

Nylon top guide; fits on old style Pacific windows.

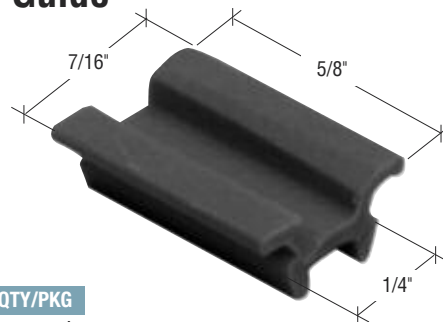


CAT. NO.	QTY/PKG
G3063	4

Minimum order: 1 pack.

CRL Window Guide

Plastic top guide; snap-in design; fits on Radco windows.



CAT. NO.	QTY/PKG
G3028	4

Minimum order: 1 pack.

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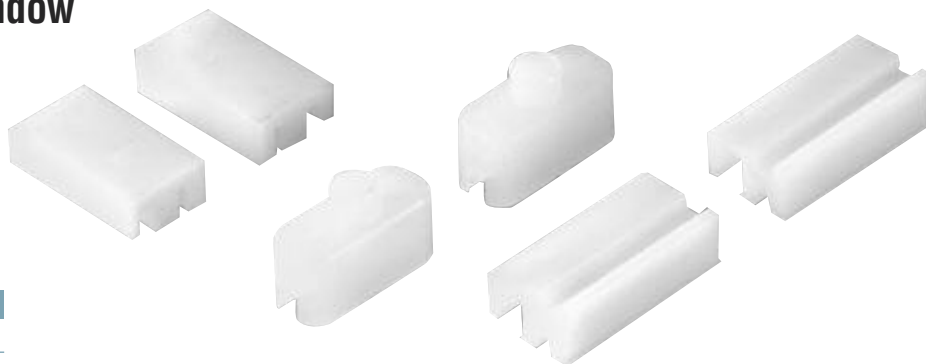
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CRL "Alenco" Window Repair Kit

Nylon Guide and Glides; snap-in application; fits Alenco Series 200 sliding windows, either new or old style. Kit includes two each Cat. No. G3100, G3103, and G3096.

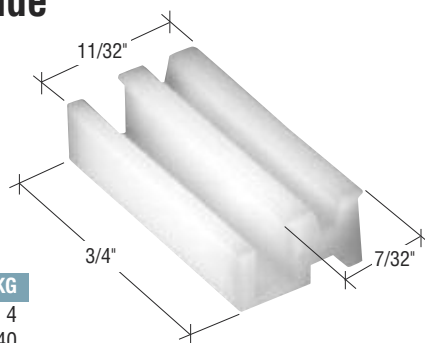


CAT. NO.	QTY/PKG
G3117	1 Set

Minimum order: 1 pack.

CRL Window Glide

Nylon Glide acts as a roller on sliding aluminum windows; fits on Alenco windows.

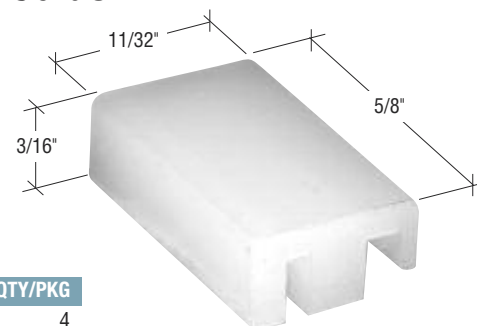


CAT. NO.	QTY/PKG
G3100	4
G3100B	40

Minimum order: 1 pack.

CRL Window Guide

Nylon Top Guide for sliding aluminum windows; snap-in design; fits on Alenco windows.

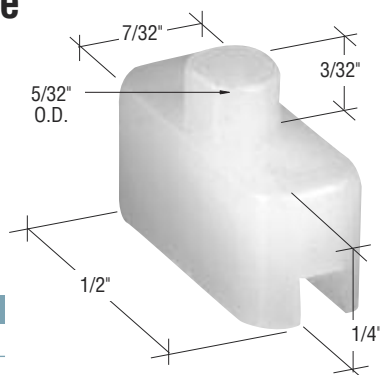


CAT. NO.	QTY/PKG
G3103	4

Minimum order: 1 pack.

CRL Window Glide

Nylon Glide snaps into hole in bottom vent rail; fits on Alenco windows.

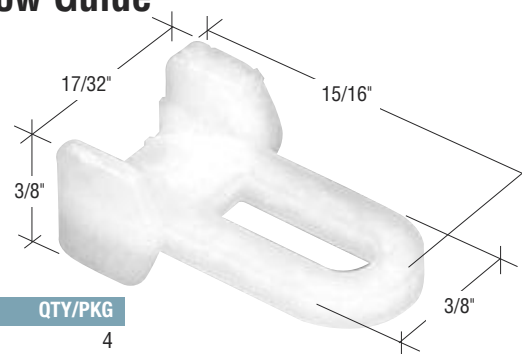


CAT. NO.	QTY/PKG
G3096	4

Minimum order: 1 pack.

CRL Window Guide

Nylon Guide; fits on Likit windows.

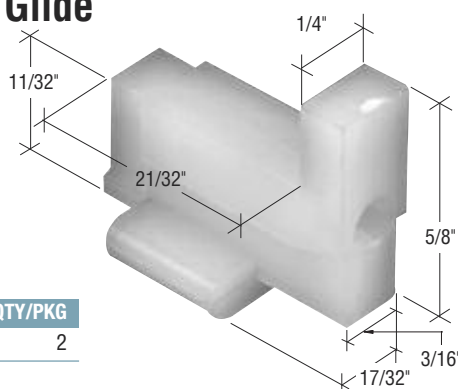


CAT. NO.	QTY/PKG
G3080	4

Minimum order: 1 pack.

CRL Window Glide

Nylon corner and Bottom Glide; fits on Mayfair windows.

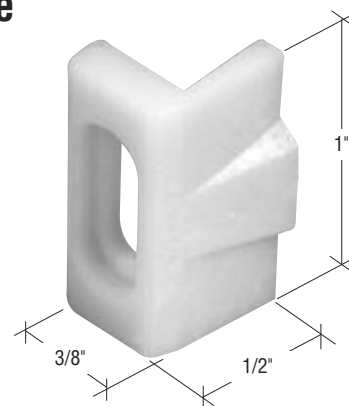


CAT. NO.	QTY/PKG
G3104	2

Minimum order: 1 pack.

CRL Window Guide

Nylon Guide; fits on Likit windows.



CAT. NO.	QTY/PKG
G3079	4

Minimum order: 1 pack.

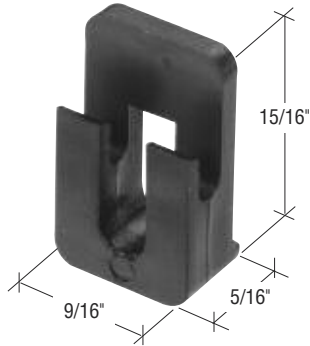
All packs of Replacement Hardware can be combined for quantity pricing.

CRL SLIDING WINDOW GUIDES

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CRL Window Guide

Nylon Top Guide and anti-rattler; popular in mobile homes; fits on Phillips windows.

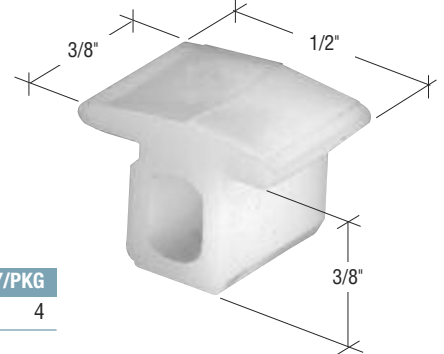


CAT. NO.	QTY/PKG
G3069	4

Minimum order: 1 pack.

CRL Window Guide

Nylon Top Guide; fits on International sliding aluminum windows.

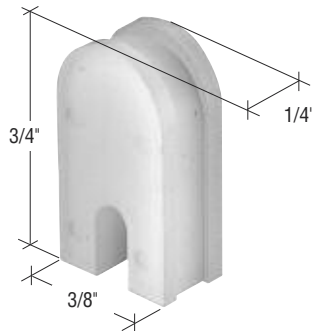


CAT. NO.	QTY/PKG
G3154	4

Minimum order: 1 pack.

CRL Window Guide

Nylon Top Guide; fits on International sliding aluminum windows.



CAT. NO.	QTY/PKG
G3026	6

Minimum order: 1 pack.

CRL Window Guide

Nylon Guide; used by Guaranteed Products and other window manufacturers.

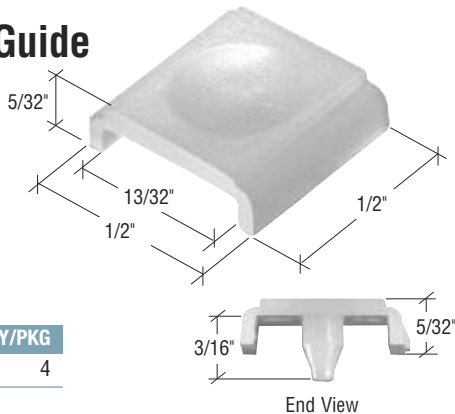


CAT. NO.	QTY/PKG
G3142	4

Minimum order: 1 pack.

CRL Window Guide

Nylon snap-in style Guide; fits on Radco windows.

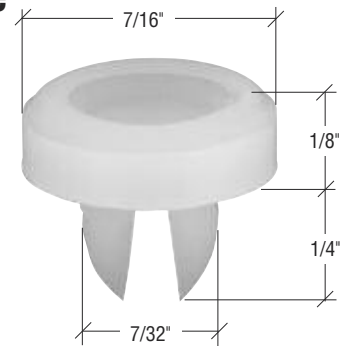


CAT. NO.	QTY/PKG
G3029	4

Minimum order: 1 pack.

CRL Window Guide

Nylon Guide; snap-in design; fits on Likit windows.

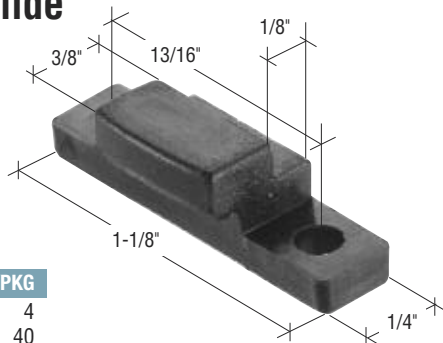


CAT. NO.	QTY/PKG
G3113	4

Minimum order: 1 pack.

CRL Window Glide

Nylon Bottom Glide; also serves as a guide; popular in mobile homes; fits on Phillips windows.

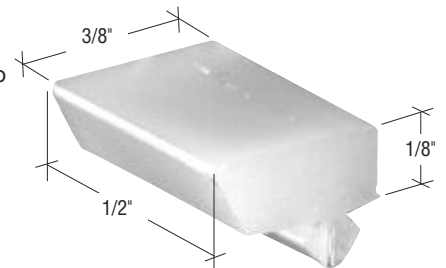


CAT. NO.	QTY/PKG
G3070	4
G3070B	40

Minimum order: 1 pack.

CRL Window Guide

Nylon guide; snap-in design; used on both top and bottom of window.



CAT. NO.	QTY/PKG
G3115	6

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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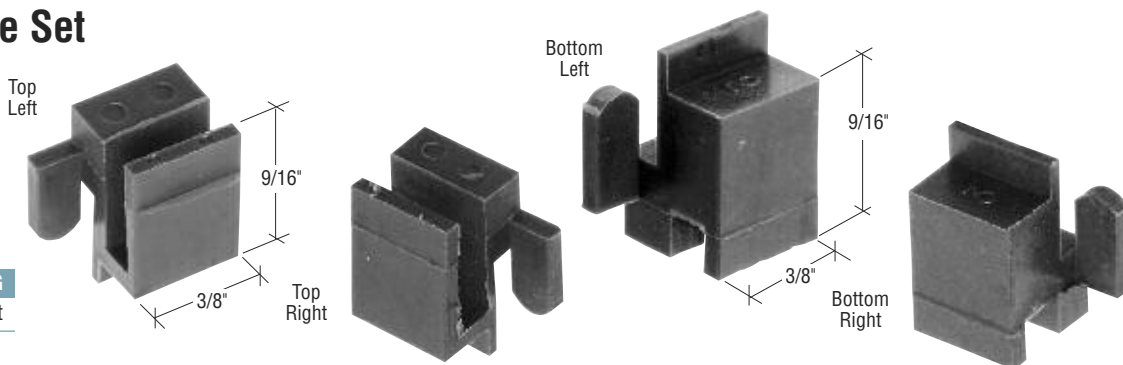
488W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Corner Guide Set

Nylon Guides mount on each corner of the sliding sash and act as a glide and guide; fits on Likit windows. Pack contains set of four guides.

CAT. NO.	QTY/PKG
G3078	1 Set

Minimum order: 1 pack.

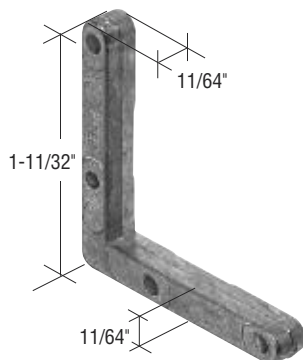


CRL Corner Insert

Die cast window sash Corner.

CAT. NO.	QTY/PKG
G3057	8

Minimum order: 1 pack.

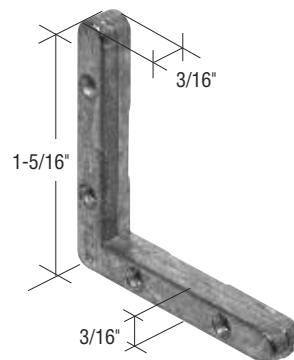


CRL Corner Insert

Die cast window sash Corner; fits Bel-Air windows.

CAT. NO.	QTY/PKG
G3022	8
G3022B	100

Minimum order: 1 pack.

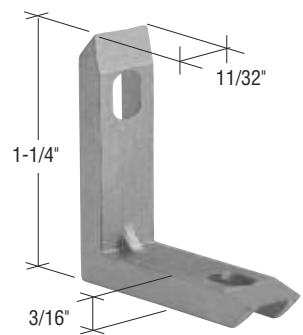


CRL Corner Insert

Die cast window sash Corner; fits Mayfair windows.

CAT. NO.	QTY/PKG
G3023	4
G3023B	100

Minimum order: 1 pack.

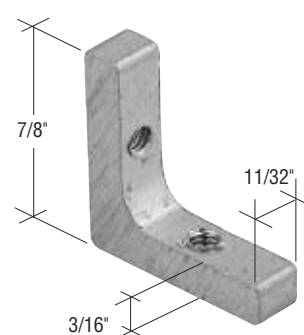


CRL Corner Insert

Extruded aluminum Corners; includes 5-40 x 5/16\" Phillips flat head machine screws.

CAT. NO.	QTY/PKG
G3024	4
G3024B	100

Minimum order: 1 pack.

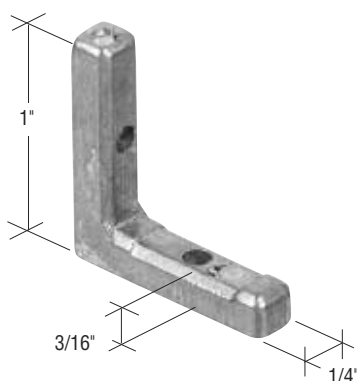


CRL Corner Insert

Die cast window sash Corner; fits Rylock windows.

CAT. NO.	QTY/PKG
G3155	4

Minimum order: 1 pack.

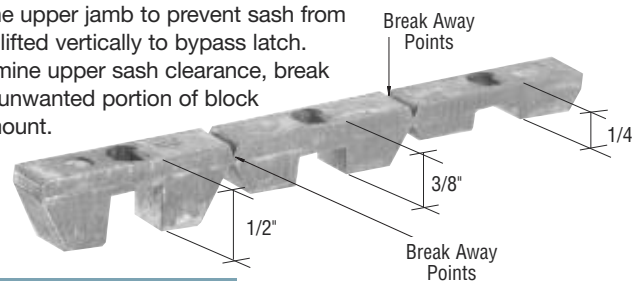


CRL Anti-Lift Out Blocks

Die cast Blocks designed to be mounted into the upper jamb to prevent sash from being lifted vertically to bypass latch. Determine upper sash clearance, break away unwanted portion of block and mount.

CAT. NO.	QTY/PKG
G3140	2

Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Window Latch and Lock Selection Guide

This selection of C.R. Laurence Replacement Window Latches and Locks has been arranged in the following order to speed your search. If you don't see what you need on these pages we invite you to use the CRL Total Search at our web site, crlaurence.com.



Sash Locks
See pages 491W-494W



Specialty Latches
See page 495W



Pull Latches
See pages 496W-498W



Institutional Window
Pull Latches
See page 496W



Vertical Hung Sash Lift Handles
See page 499W



Cam-Type Sash Locks
See pages 499W-501W



Tilt Latches
See pages 502W-503W



Selecting Sliding and Vertical Hung Window Latches

Sash Locks:

This type of Window Latch is very popular on both aluminum and vinyl framed windows. Sash Locks come with or without Keepers. Locks without Keepers are mounted on the edge of the framed sliding sash panel, and the Lock's tongue engages a vertical slot in the fixed panel frame. For Locks with Keepers you have the option of with or without lugs. The lug's purpose is to align the Lock to the Keeper, and at the same time provide added security.

Specialty Latches:

There have been dozens of Window Latch designs used over the years, and many are no longer being made. CRL is dedicated to supply our customers with even the hardest to find components. If you have a specific Window Latch that you cannot find, send us a sample, a drawing, or digital photo and we will research it and get you a price quote as well as lead time so you can complete your job. See page 244W for information about CRL's Sample Matching Service.

Pull Latches:

Extruded Pull Latches, shown on pages 496W-498W, are the most difficult latches to find and replace. Much of the hardware offered in this catalog was made by specific hardware manufacturers, and will fit a variety of window designs by several window companies. However, each extruded pinch latch was specifically designed and extruded for a particular window design. As these older aluminum window designs were discontinued, the older aluminum frames, including the Latches, were recycled. CRL is always willing to try and match these older extruded handles. However, if we are unable, it may be necessary for you to consider a secondary security lock. See pages 504W-507W for Window Security Hardware.

Institutional Window Pull Latches:

CRL offers smaller versions of Glass Door Handles that were designed for use on heavy framed institutional, hotel or high-rise windows. These Handles are much sturdier than the typical residential Window Latches and Locks.

Sash Lift Handles:

Sash Lifts help provide easy opening and closing of all double-hung or sliding windows while having a low profile appearance. Sash Lifts are designed in several shapes and finishes to complement locks and surrounding décor. Sash Lifts encourage the lifting of the window from the bottom, thereby putting less stress on the sash than would occur from pushing on the top rail.

Cam-Type Sash Locks:

Wood double-hung and single-hung windows usually have one or two Cam-Type Sash Locks at the meeting rail. These Locks are used to secure the lower and upper sash in the closed position. The cam action of a Sash Lock also draws the sash tight against the opposing sash, providing a better weather tight seal.

Tilt Latches:

Tilt Latches come in a variety of sizes, types and configurations. Consider the following when choosing a replacement:

1. Surface mounted or mortised into the frame.
2. Width of mounting hole centers.
3. Backset of mounting hole near the latch.
4. Finish of latch.

Having this information will make it easier to determine the right replacement part for your needs.

CRL Tips for Selecting the Correct Sash Cam Lock

Cam Lock mounting holes are centered on the body of the latch unless stated or dimensioned otherwise. Common backset variations to these are 3/8", 7/16", 9/16", and 11/16".

Cam Locks are available with or without alignment lugs. In most applications these latch styles are interchangeable.

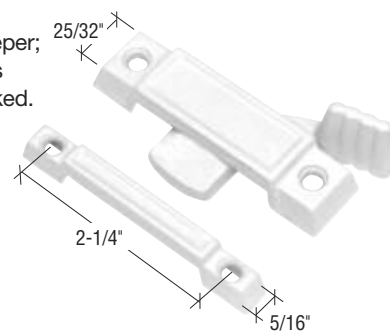
Cam Lock Keepers have been designed in a large variety of styles and mounting configurations. If your latch has a keeper that is not shown, we can help you find it. See page 244W for CRL's Sample Matching Service.

CRL Sash Lock

Die cast Sash Lock and Keeper; cam action latch draws sashes tight for a good seal when locked.

CAT. NO.	FINISH	QTY/PKG
F2531	Chrome	1
F2531B	Chrome	20
F2532	Black	1
F2532B	Black	20
F2533	White	1
F2533B	White	20
F2648	Brass	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



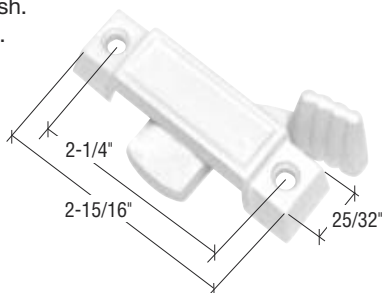
CRL Sash Lock

• 3/8" Tongue Projection

Die cast Sash Lock; does not use a keeper; latch tongue engages slot in fixed rail of opposing sash. Latch tongue projection is 3/8".

CAT. NO.	FINISH	QTY/PKG
F2589	Black	1
F2589B	Black	20
F2590	White	1
F2590B	White	20
F2596	Bronze	1
F2596B	Bronze	20
F2659	Gray	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



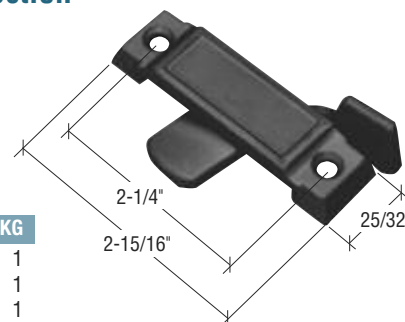
CRL Sash Lock

• 5/8" Tongue Projection

Die cast Sash Lock; does not use a keeper; latch tongue engages slot in fixed rail of opposing sash. Latch tongue projection is 5/8".

CAT. NO.	FINISH	QTY/PKG
F2591	Black	1
F2862	White	1
F2783	Tan	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



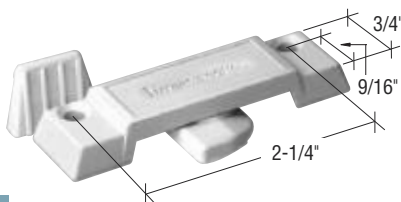
CRL Sash Lock

• 3/8" Tongue Projection

Die cast Sash Lock; does not use a keeper; latch tongue engages fixed rail of opposing sash. Latch tongue projection is 3/8" (9.5 mm). This sash lock was designed to fit International Windows. One lock per package.

CAT. NO.	FINISH	QTY/PKG
F2780	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.



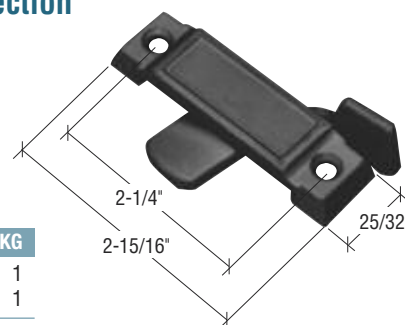
CRL Sash Lock

• 1/2" Tongue Projection

Die cast Sash Lock; does not use a keeper; latch tongue engages slot in fixed rail of opposing sash. Latch tongue projection is 1/2".

CAT. NO.	FINISH	QTY/PKG
F2863	Black	1
F2592	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

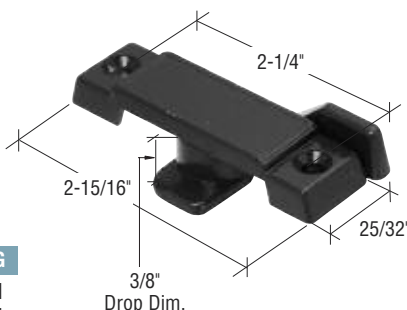


CRL Sash Lock

Die cast Sash Lock; this lock does not use a keeper; latch tongue engages fixed rail of opposing sash.

CAT. NO.	FINISH	QTY/PKG
F2595	Black	1
F2689	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

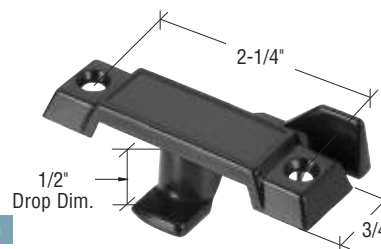


CRL Sash Lock

Die cast Sash Lock; does not use a keeper; latch tongue engages fixed rail of opposing sash; fits on Acorn windows.

CAT. NO.	FINISH	QTY/PKG
F2771	Black	1
F2756	White	1

Minimum order: 1 pack. All packs of replacement hardware can be combined for quantity pricing.

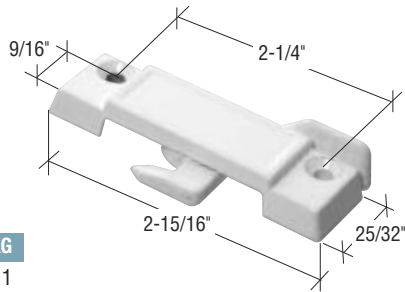


CRL SLIDING WINDOW LATCHES AND LOCKS

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CRL Sash Lock

Die cast Sash Lock; does not use a keeper; latch tongue engages fixed rail of opposing sash; fits Guaranteed Products windows.

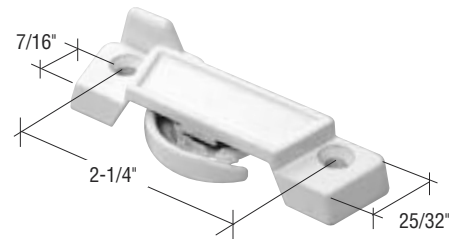


CAT. NO.	FINISH	QTY/PKG
F2512	Black	1
F2594	White	1

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock; does not use a keeper; latch tongue engages fixed rail of opposing sash.

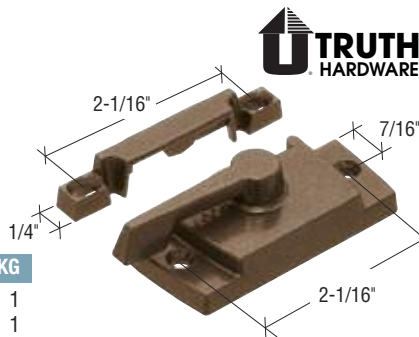


CAT. NO.	FINISH	QTY/PKG
F2758	White	1

Minimum order: 1 pack.

CRL Truth Sash Lock (With Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has alignment lugs and 7/16" back set of the mounting holes.

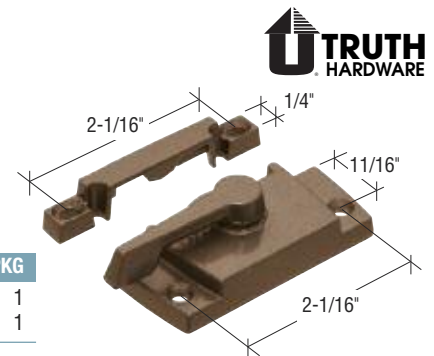


CAT. NO.	FINISH	QTY/PKG
TH23084	Bronze	1
TH23085	White	1

Minimum order: 1 pack.

CRL Truth Sash Lock (With Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has alignment lugs and 11/16" back set of the mounting holes.

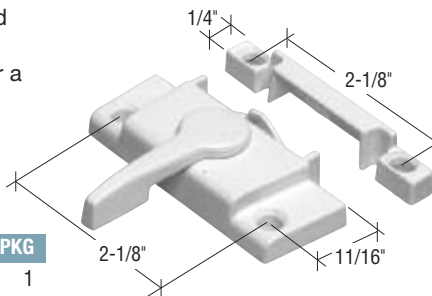


CAT. NO.	FINISH	QTY/PKG
TH23086	Bronze	1
TH23087	White	1

Minimum order: 1 pack.

CRL Sash Lock (With Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has alignment lugs and 11/16" back set of the mounting holes.

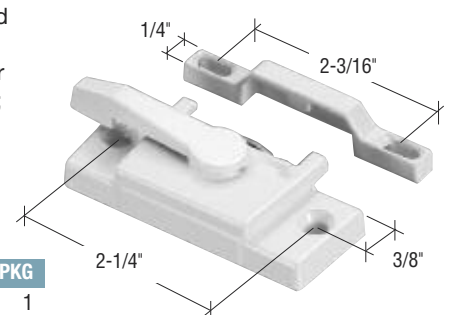


CAT. NO.	FINISH	QTY/PKG
F2554	White	1
F2632	Brass	1

Minimum order: 1 pack.

CRL Sash Lock (With Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has alignment lugs and 3/8" back set of the mounting holes.

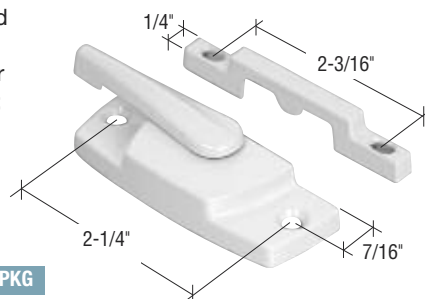


CAT. NO.	FINISH	QTY/PKG
F2744	White	1

Minimum order: 1 pack.

CRL Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; 7/16" back set of the mounting holes.



CAT. NO.	FINISH	QTY/PKG
F2768	White	1

Minimum order: 1 pack.



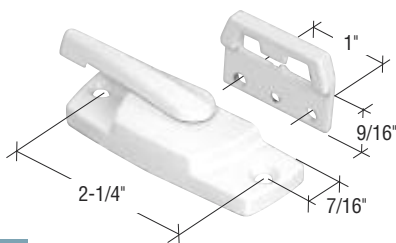
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AND AT
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Truth Hardware is a registered trademark of Truth Hardware Corporation.

CRL Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has 7/16" back set of the mounting holes.

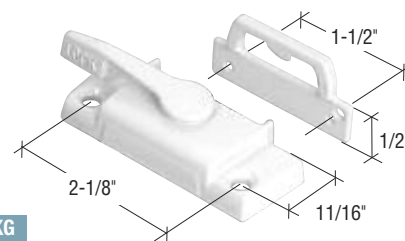


CAT. NO.	FINISH	QTY/PKG
F2767	White	1

Minimum order: 1 pack.

CRL Sash Lock (With Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has alignment lugs and 11/16" back set of the mounting holes.

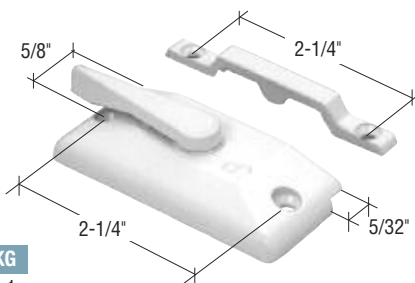


CAT. NO.	FINISH	QTY/PKG
F2778	White	1

Minimum order: 1 pack.

CRL Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked. Keeper is hidden underneath latch body when latched.

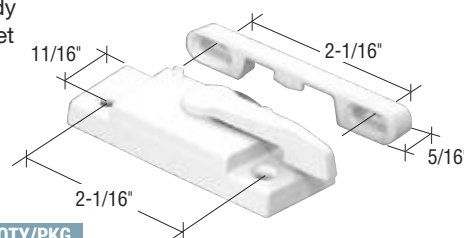


CAT. NO.	FINISH	QTY/PKG
F2741	White	1

Minimum order: 1 pack.

CRL Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; latch body has an 11/16" back set of the mounting holes

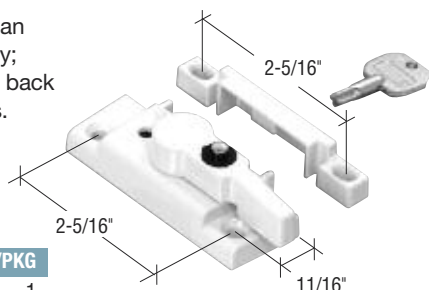


CAT. NO.	FINISH	QTY/PKG
F2625	White	1

Minimum order: 1 pack.

CRL Keyed Sash Lock (With Lugs)

Button lock; die cast Sash Lock and Keeper; can only be opened with a key; latch body has an 11/16" back set of the mounting holes.

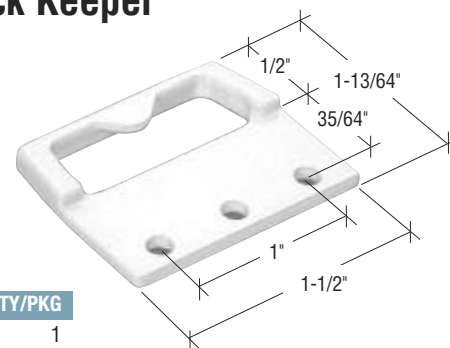


CAT. NO.	FINISH	QTY/PKG
F2624	White	1

Minimum order: 1 pack.

CRL Sash Lock Keeper

Die cast face mount Keeper for cam style sash locks.

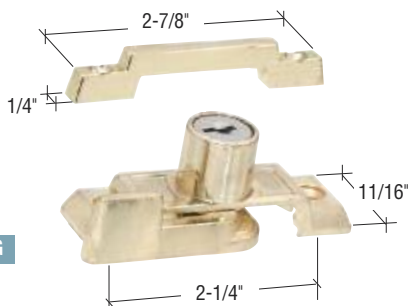


CAT. NO.	FINISH	QTY/PKG
F2738	White	1

Minimum order: 1 pack.

CRL Slim-Line Keyed Sash Lock

This die cast sash lock and keeper readily adapts to narrow stiles. Locking key for additional security.



CAT. NO.	FINISH	QTY/PKG
S4449	Brass	1
S4359	White	1

Minimum order: 1 pack.

CRL Dry Coating, Lubricant, and Release Agent



- Provides Excellent Lubrication for Locks, Rollers, and Latches
- Contains No Silicone or Oil

This CRL Dry Coating, Lubricant, and Release Agent is a dry lubricant and coating that reduces friction, inhibits resin build-up, and prolongs working life. Twelve each 12 ounce (340 g) cans per case. Minimum order is one each.



CAT. NO. SP295

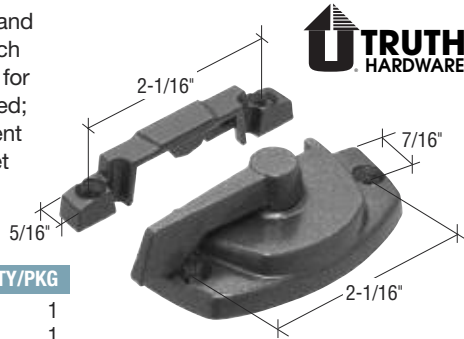
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CRL Truth Sash Lock (With Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has alignment lugs and 7/16" back set of the mounting holes.

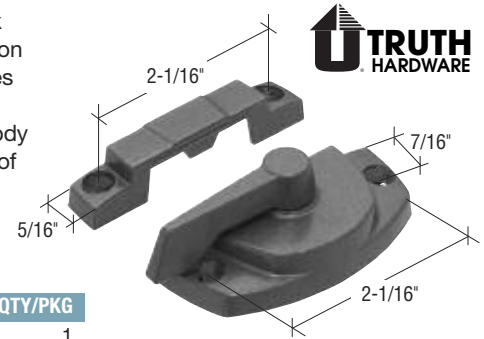


CAT. NO.	FINISH	QTY/PKG
TH23080	Bronze	1
TH23081	White	1

Minimum order: 1 pack.

CRL Truth Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has a 7/16" back set of the mounting holes.

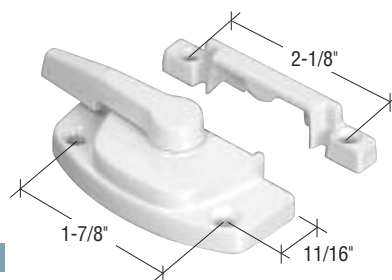


CAT. NO.	FINISH	QTY/PKG
F2758	White	1

Minimum order: 1 pack.

CRL Sash Lock (With Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has alignment lugs and 11/16" back set of the mounting holes.

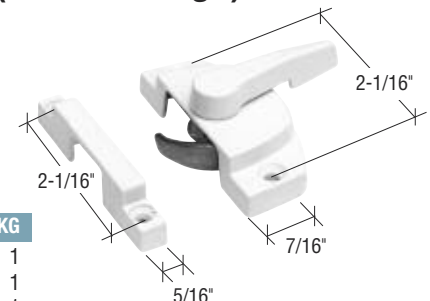


CAT. NO.	FINISH	QTY/PKG
F2754	White	1

Minimum order: 1 pack.

CRL Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has a 7/16" back set of the mounting holes.

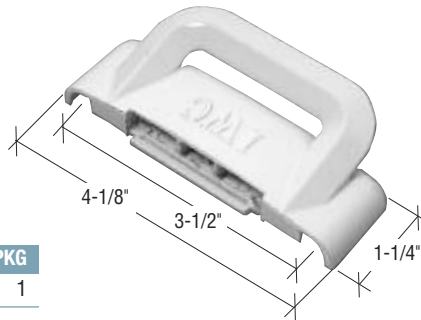


CAT. NO.	FINISH	QTY/PKG
F2762	Silver	1
F2763	Bronze	1
F2588	White	1

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock; lock does not use a keeper; latch tongue engages fixed rail of opposing sash; fits International Windows.

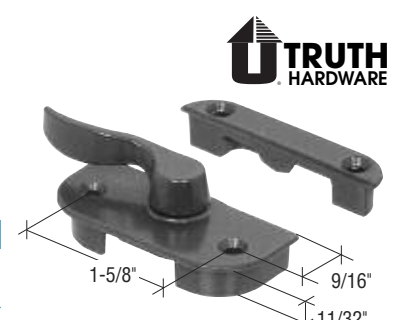


CAT. NO.	FINISH	QTY/PKG
F2686	White	1

Minimum order: 1 pack.

CRL Truth Sash Lock (Without Lugs)

Die cast Sash Lock used on wood windows; designed to be mortised into sash rail.

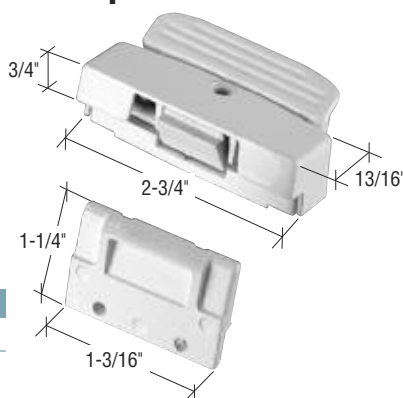


CAT. NO.	FINISH	QTY/PKG
F2683	White	1
F2684	Bronze	1

Minimum order: 1 pack.

CRL Sash Lock and Keeper

Die cast Sash Lock and Keeper; latch has a single mounting hole.

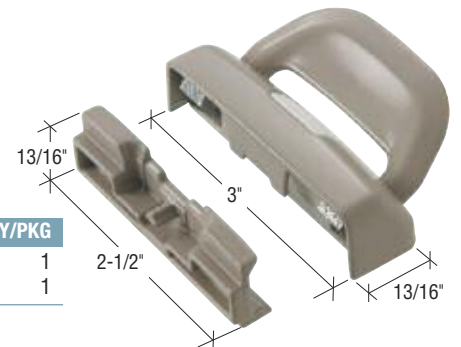


CAT. NO.	FINISH	QTY/PKG
F2731	White	1

Minimum order: 1 pack.

CRL Sash Lock and Keeper

Die cast Sash Lock and Keeper; fits Milgard Windows.



CAT. NO.	FINISH	QTY/PKG
F2732	White	1
F2733	Tan	1

Minimum order: 1 pack.

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Truth Hardware is a registered trademark of Truth Hardware Corporation.

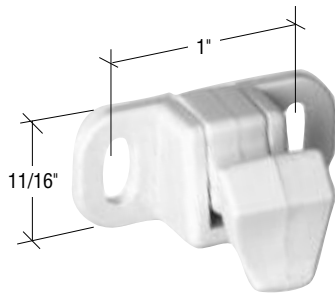
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CRL Sash Lock

• Popular in Canada

Plastic latch assembly; spring-loaded; for horizontal sliding windows.



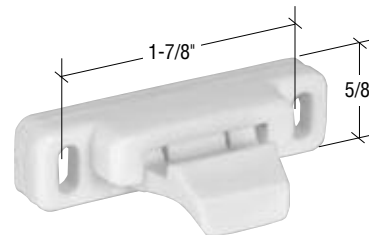
CAT. NO.	FINISH	QTY/PKG
F2602	White	1

Minimum order: 1 pack.

CRL Sash Lock

• Popular in Canada

Plastic latch assembly; spring-loaded; for horizontal sliding windows.

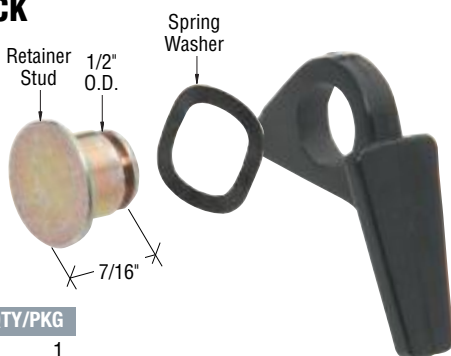


CAT. NO.	FINISH	QTY/PKG
F2606	White	1

Minimum order: 1 pack.

CRL Sash Lock

Plastic Sash Lock; metal retainer stud; Fits Rolleze 710 Series windows.

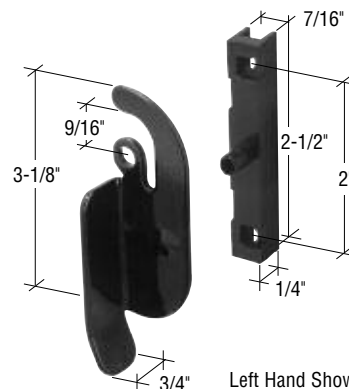


CAT. NO.	FINISH	QTY/PKG
F2608	Black	1

Minimum order: 1 pack.

CRL Sash Lock

Black stamped steel Sash Lock; plastic guide bracket; fits Likit windows.



CAT. NO.	HANDED	QTY/PKG
F2513	Left	1
F2514	Right	1

Minimum order: 1 pack.

CRL Sash Lock Lever

Plastic Sash Lock Lever; used on manufactured housing windows.

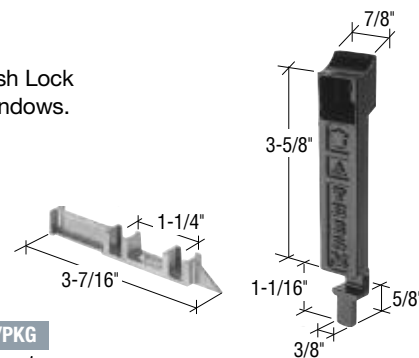


CAT. NO.	FINISH	QTY/PKG
F2772	Black	2

Minimum order: 1 pack.

CRL Sash Lock

Die cast secondary Sash Lock and Keeper; fits Acorn windows.

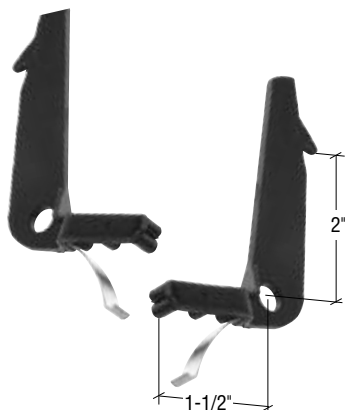


CAT. NO.	FINISH	QTY/PKG
F2703	Black	1

Minimum order: 1 pack.

CRL Sash Latch

Plastic Sash Latches with steel springs; one left hand and one right hand; fits Phillips Industries single hung windows; includes screws; however, barrel nut mounted into sash is not included or available.

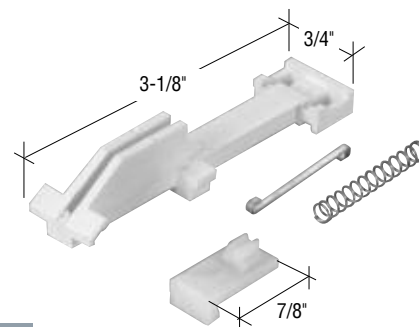


CAT. NO.	FINISH	QTY/PKG
F2623	Black	1

Minimum order: 1 pack.

CRL Lower Sash Latch

Plastic Sash Latch; steel hook and spring; plastic snap on the thumb actuator; non-handed; used on the lower sash; fits Traco windows and others.



CAT. NO.	FINISH	QTY/PKG
F2614	White	1

Minimum order: 1 pack.

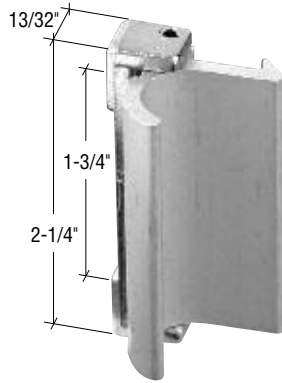
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CRL SLIDING WINDOW LATCHES AND LOCKS

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CRL Latch and Pull

Sash Latch and Pull with die cast base; spring loaded extruded aluminum latch; fits Keller Industries windows.

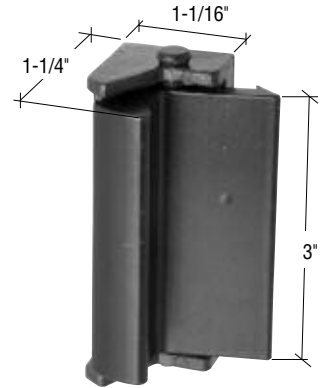


CAT. NO.	FINISH	QTY/PKG
F2572	Aluminum	1

Minimum order: 1 pack.

CRL Latch and Pull

Sash Latch and Pull with plastic base; spring loaded extruded aluminum latch; fits Premier Series 510 windows.

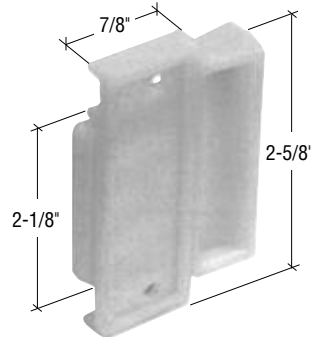


CAT. NO.	FINISH	QTY/PKG
F2580	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Sash Latch and Pull; spring loaded; latches into fixed rail of opposing sash; used by several window manufacturers.

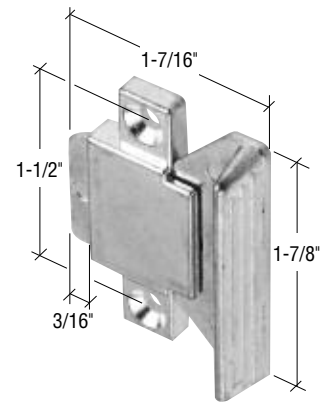


CAT. NO.	FINISH	QTY/PKG
F2505	White	1

Minimum order: 1 pack.

CRL Latch and Pull

Die cast Sash Latch and Pull; spring loaded; latches into fixed rail of opposing sash; used by several window manufacturers.

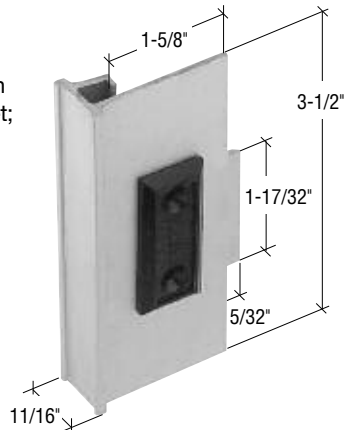


CAT. NO.	FINISH	QTY/PKG
F2507	Brite Zinc	1

Minimum order: 1 pack.

CRL Latch and Pull

Extruded aluminum Sash Latch and Pull; plastic mounting bracket; steel spring; fits Tomray's Tyco Series 77 dual glazed windows.

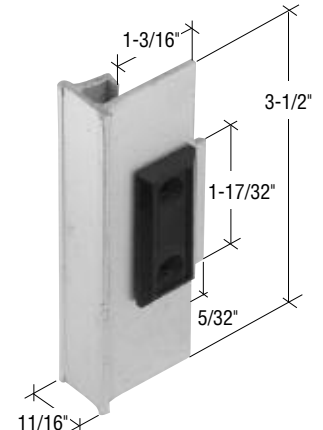


CAT. NO.	FINISH	QTY/PKG
F2545	Aluminum	1

Minimum order: 1 pack.

CRL Latch and Pull

Extruded aluminum Sash Latch and Pull; plastic mounting bracket; steel spring; fits Tomray's Tyco Series 66 single glazed windows.

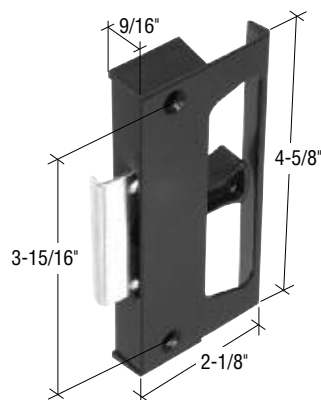


CAT. NO.	FINISH	QTY/PKG
F2543	Aluminum	1

Minimum order: 1 pack.

CRL Latch and Pull

Die cast Latch and Pull Handle; plastic base; stamped steel clamp latch; designed for commercial and high-rise windows.

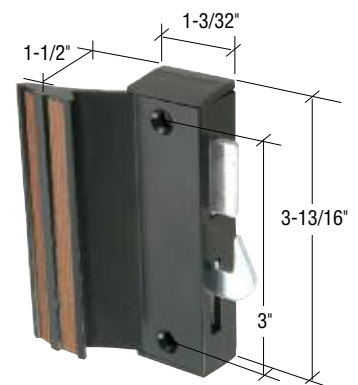


CAT. NO.	FINISH	QTY/PKG
F2610	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Extruded aluminum Latch and Pull Handle; plastic base; stamped steel hook latch; designed for commercial and high-rise windows; use with Cat. No. E2046 lock keeper; does not require an outside pull.



CAT. NO.	FINISH	QTY/PKG
F2641	Black	1

Minimum order: 1 pack.

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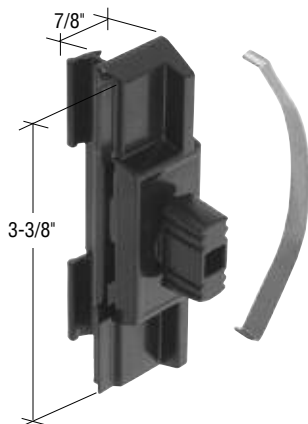
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CRL Latch and Pull

Die cast Latch and Pull with secondary night lock feature; latch locks into opposing sash; fits Superior windows.

CAT. NO.	FINISH	QTY/PKG
F2649	Black	1
F2650	White	1

Minimum order: 1 pack.

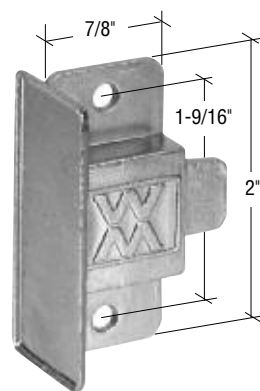


CRL Latch and Pull

Die cast Latch and Pull; spring loaded; latches into fixed rail of opposing sash; fits Window Master Series 216 windows.

CAT. NO.	FINISH	QTY/PKG
F2611	Black	1

Minimum order: 1 pack.

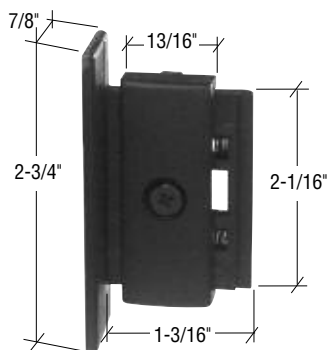


CRL Latch and Pull

Plastic Latch and Pull; spring loaded; latches into fixed rail of opposing sash; fits Rolleze windows.

CAT. NO.	FINISH	QTY/PKG
F2553	Black	1

Minimum order: 1 pack.

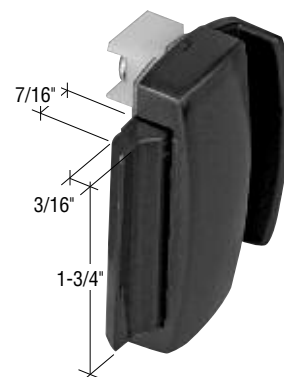


CRL Latch and Pull

Die cast Latch and Pull; spring loaded; latches into fixed rail of opposing sash; fits Crossly windows.

CAT. NO.	FINISH	QTY/PKG
F2529	Gray	1
F2530	Bronze	1

Minimum order: 1 pack.

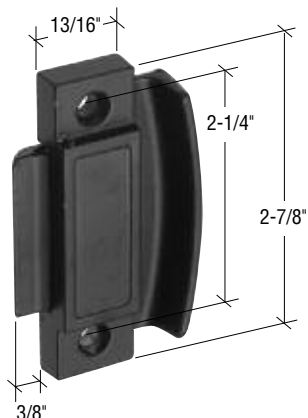


CRL Latch and Pull

Die cast Latch and Pull; spring loaded; latches into fixed rail of opposing sash; used by several window manufacturers.

CAT. NO.	FINISH	QTY/PKG
F2607	Black	1

Minimum order: 1 pack.

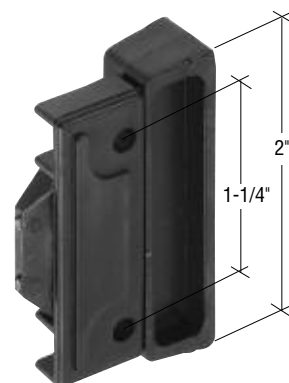


CRL Latch and Pull

Plastic Latch and Pull; spring loaded; latches into fixed rail of opposing sash; used by several window manufacturers.

CAT. NO.	FINISH	QTY/PKG
F2518	Black	1

Minimum order: 1 pack.

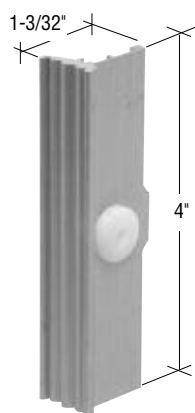


CRL Latch and Pull

Extruded aluminum Sash Latch and Pull; latches into fixed rail of opposing sash; fits Ador/HiLite windows.

CAT. NO.	FINISH	QTY/PKG
F2500	Aluminum	1

Minimum order: 1 pack.

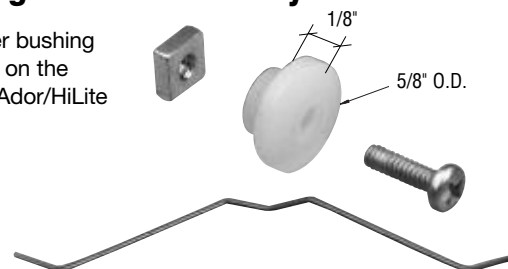


CRL Spring Latch Assembly

Plastic retainer bushing and spring used on the Cat. No. F2500 Ador/HiLite Latch and Pull.

CAT. NO.	QTY/PKG
F2501	2

Minimum order: 1 pack.



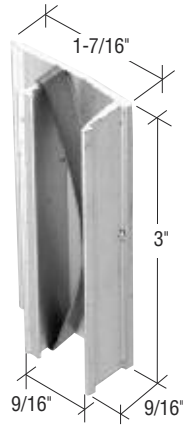
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CRL Latch and Pull

Extruded aluminum Sash Latch and Pull; fits International Roller King and Queen Series windows.

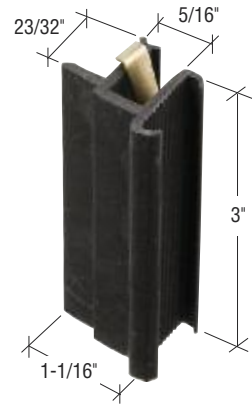


CAT. NO.	FINISH	QTY/PKG
F2521	Aluminum	1
F2522	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Sash Latch and Pull; fits Rusco/HiLite windows.



CAT. NO.	FINISH	QTY/PKG
F2502	Black	1

Minimum order: 1 pack.

CRL Sash Lock

Stamped steel Sash Lock; cam toggle mechanism draws sash together for a tight seal.



CAT. NO.	FINISH	QTY/PKG
TH23074	Bronze	1
TH23075	Gold	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Latch and Pull; fits Bee Cee Windows.

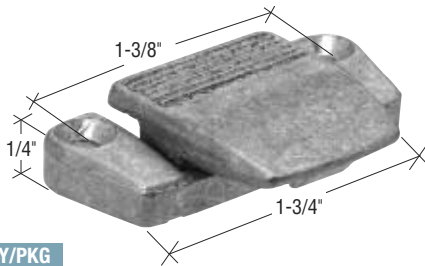


CAT. NO.	FINISH	QTY/PKG
F2548	Black	1

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock; spring loaded; used by several window manufacturers.

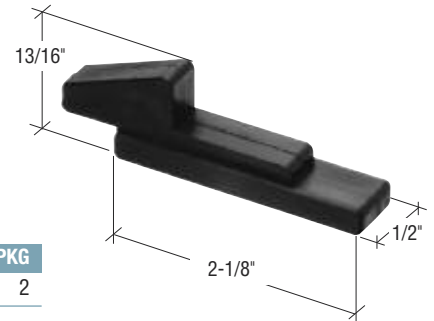


CAT. NO.	FINISH	QTY/PKG
F2748	Zinc	1

Minimum order: 1 pack.

CRL Sash Latch

Plastic Latch with steel spring; non-handed; fits Tyco Series 75 single hung windows.

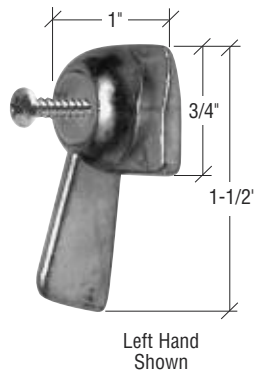


CAT. NO.	FINISH	QTY/PKG
F2634	Black	2

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock; used on both horizontal and vertical sliding windows in camper shells and RVs.

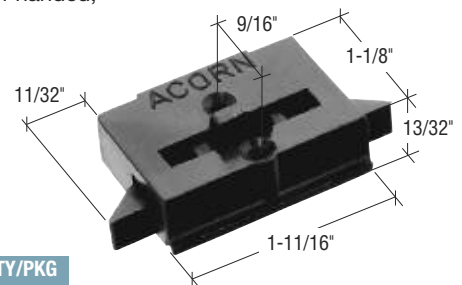


CAT. NO.	HAND	FINISH	QTY/PKG
R7077	Left	Chrome	2
R7078	Right	Chrome	2
R7150	Left	Black	2
R7151	Right	Black	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; non-handed; fits Acorn windows.



CAT. NO.	FINISH	QTY/PKG
F2645	Black	1

Minimum order: 1 pack.

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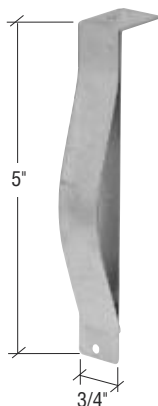
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CRL Sash Spring

This CRL Sash Spring is made of zinc plated spring steel, and is designed to add friction to vertical hung wood windows when the counter balance has either broken or become too weak to hold the sash in place.

CAT. NO.	QTY/PKG
F2537	2

Minimum order: 1 pack.



CRL Sash Spring

This CRL Sash Spring is made of spring steel, which assures its durability. The design of the sash spring allows for the repair, without removal, of a window sash due to broken sash cords. It installs in just seconds.

CAT. NO.	QTY/PKG
SK24	2

Minimum order: 1 pair.

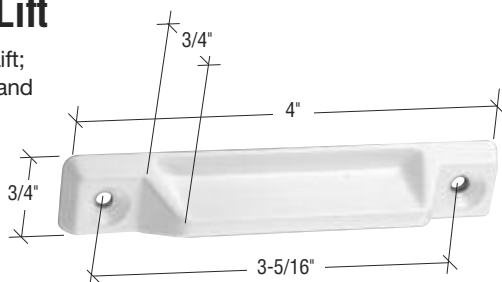


CRL Sash Lift

Die cast Sash Lift; popular on wood and vinyl vertical hung windows; used by many manufacturers; mounting screws included.

CAT. NO.	FINISH	QTY/PKG
F2630	White	2
F2631	Black	2

Minimum order: 1 pack.

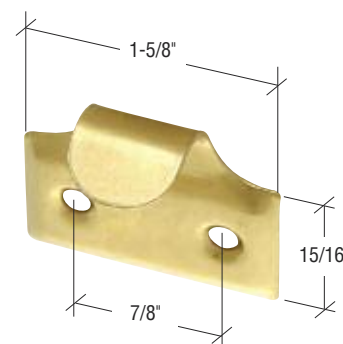


CRL Sash Lift

Stamped steel Sash Lift; popular on older wood double hung windows.

CAT. NO.	FINISH	QTY/PKG
F2539	Chrome	2
F2540	Brass	2

Minimum order: 1 pack.

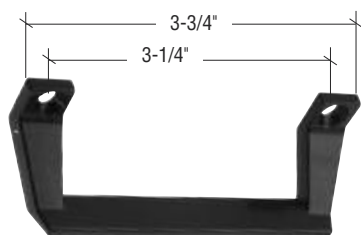


CRL Sash Lift

Die cast Sash Lift; powder coated finish; 1-1/8 inch projection; mounting screws included.

CAT. NO.	FINISH	QTY/PKG
F2765	Bronze	1
F2766	White	1

Minimum order: 1 pack.



CRL Sash Lift

Stamped steel Sash Lift; popular on wood and vinyl vertical hung windows; used by many manufacturers; mounting screws included.

CAT. NO.	FINISH	QTY/PKG
F2558	Brass	2
F2560	Antique Brass	2

Minimum order: 1 pack.



CRL Sash Lift

Stamped steel Sash Lift; 1 inch projection; popular on older wood double hung windows.

CAT. NO.	FINISH	QTY/PKG
F2536	Brass	2
F2556	Antique Brass	2

Minimum order: 1 pack.



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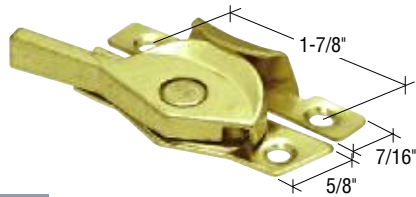
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CRL Sash Lock

Die cast Sash Lock with stamped steel Keeper; designed for double hung windows; used by several window manufacturers.

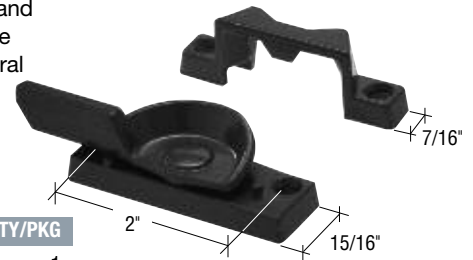


CAT. NO.	FINISH	QTY/PKG
F2587	Brass	1

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock and Keeper; used on double hung windows by several manufacturers.

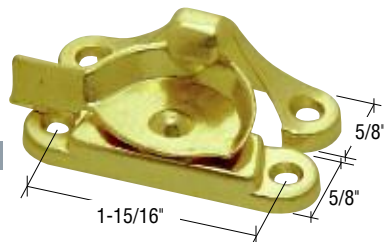


CAT. NO.	FINISH	QTY/PKG
F2552	Bronze	1
F2584	White	1
F2663	Coppertone	1

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock and Keeper; used on single and double hung windows by several manufacturers.

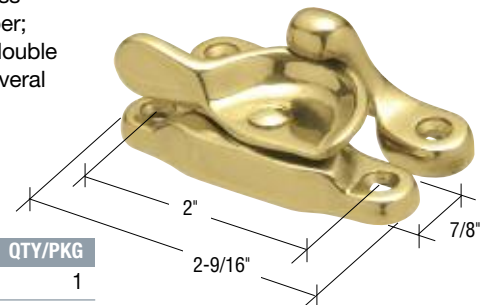


CAT. NO.	FINISH	QTY/PKG
F2574	Brass	1
F2653	Antique Brass	1
F2620	White	1

Minimum order: 1 pack.

CRL Sash Lock

Solid polished brass Sash Lock and Keeper; used on single and double hung windows by several manufacturers.

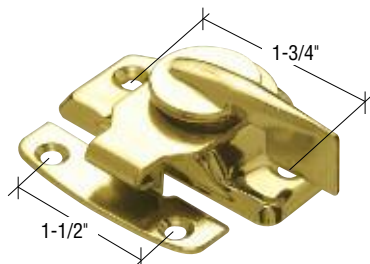


CAT. NO.	FINISH	QTY/PKG
F2600	Brass	1

Minimum order: 1 pack.

CRL Sash Lock

Stamped steel Sash Lock and Keeper; cam action of the latch hook draws sashes together for a tight seal; used by several window manufacturers.

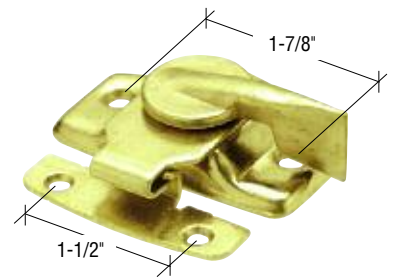


CAT. NO.	FINISH	QTY/PKG
F2526	Chrome	1
F2527	Brass	1
F2566	Antique Brass	1
F2618	White	1

Minimum order: 1 pack.

CRL Sash Lock

Solid brass Sash Lock; cam action of the latch hook draws sashes together for a tight seal; used by several window manufacturers.

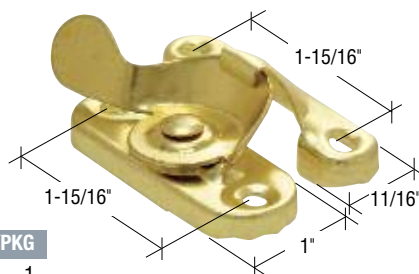


CAT. NO.	FINISH	QTY/PKG
F2601	Brass	1

Minimum order: 1 pack.

CRL Sash Lock

Stamped steel Sash Lock and Keeper; used on double hung wood windows by several window manufacturers.



CAT. NO.	FINISH	QTY/PKG
F2535	Brass	1
F2568	Antique Brass	1

Minimum order: 1 pack.

CRL Keyed Sash Lock

Die cast Sash Lock and Keeper; requires a key to unlock latch; designed for double hung windows. Available keyed alike by special order.



CAT. NO.	FINISH	QTY/PKG
F2534	Brass	1

Minimum order: 1 pack.

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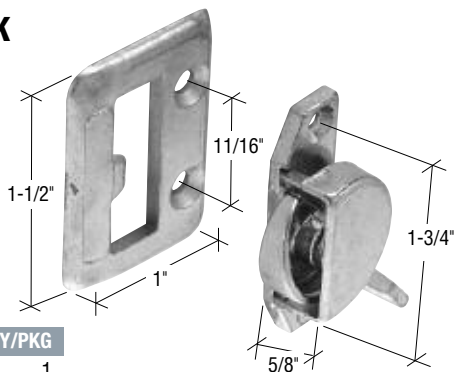
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CRL SLIDING WINDOW LATCHES AND LOCKS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Cam Lock

Die cast Cam Lock and Keeper; used by several window manufacturers.

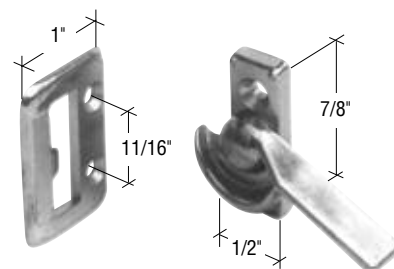


CAT. NO.	FINISH	QTY/PKG
F2508	Brite Zinc	1

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock and Keeper; brite zinc finish; used on both residential and RV sliding windows.



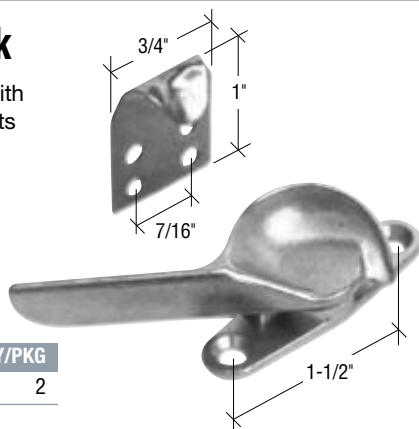
Left Hand Shown

CAT. NO.	HANDED	QTY/PKG
F2510	Left	2
F2511	Right	2

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock with stamped steel keeper; fits Daryl windows.

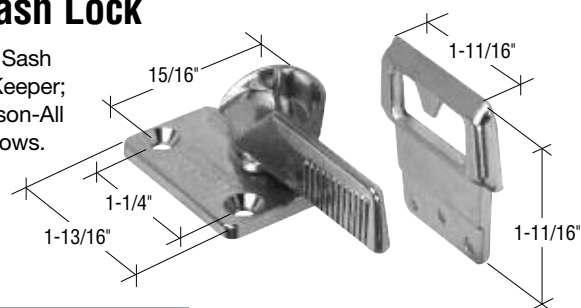


CAT. NO.	FINISH	QTY/PKG
F2509	Brite Zinc	2

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock and Keeper; fits on Season-All wood windows.

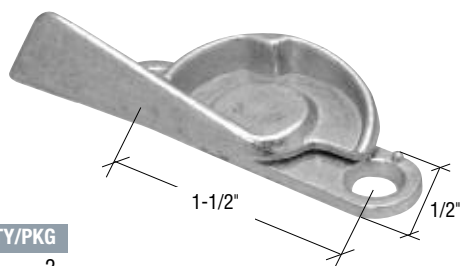


CAT. NO.	FINISH	QTY/PKG
F2609	Brite Zinc	1

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock; fits on Keller single hung windows.

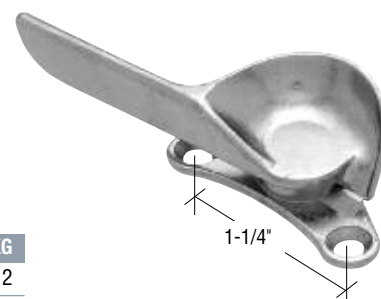


CAT. NO.	FINISH	QTY/PKG
F2644	Brite Zinc	2

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock; used on vertical hung windows by several manufacturers.

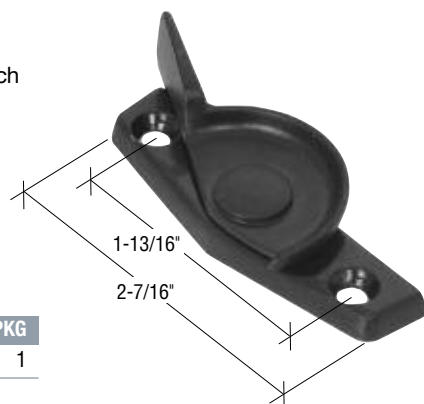


CAT. NO.	FINISH	QTY/PKG
F2652	Nickel	2

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock; latch does not use a separate keeper, but engages the fixed rail to lock window; fits Croft windows.



CAT. NO.	FINISH	QTY/PKG
F2593	Black	1

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock; fits new style Keller windows.



CAT. NO.	FINISH	QTY/PKG
F2690	Brown	2
F2691	Zinc	2

Minimum order: 1 pack.

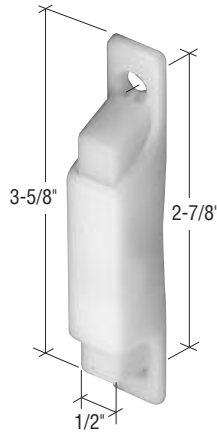
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CRL SLIDING WINDOW LATCHES AND LOCKS

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CRL Latch and Pull

Plastic Sash Latch and Pull; fits Air Control/Keller windows.

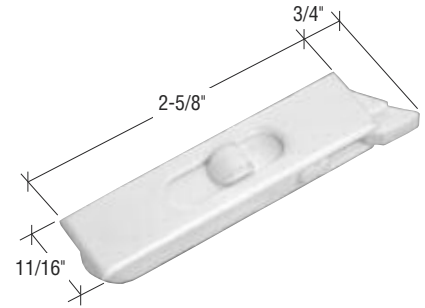


CAT. NO.	FINISH	QTY/PKG
F2504	White	1

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; designed for mortised installation.

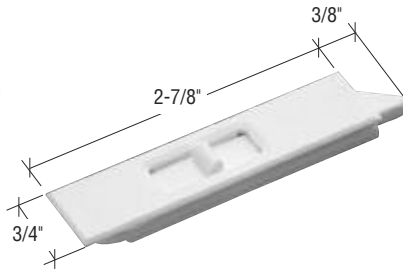


CAT. NO.	FINISH	QTY/PKG
F2749	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; designed for mortised installation.

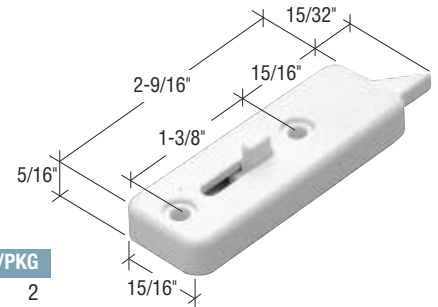


CAT. NO.	FINISH	QTY/PKG
F2734	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.

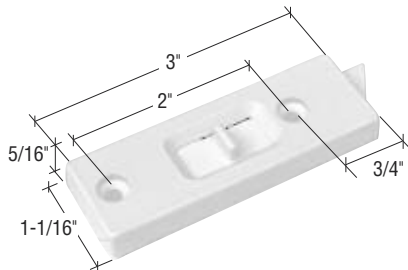


CAT. NO.	FINISH	QTY/PKG
F2737	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.

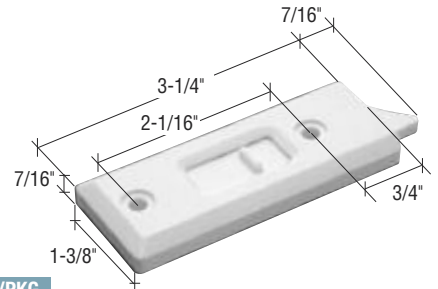


CAT. NO.	FINISH	QTY/PKG
F2598	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.

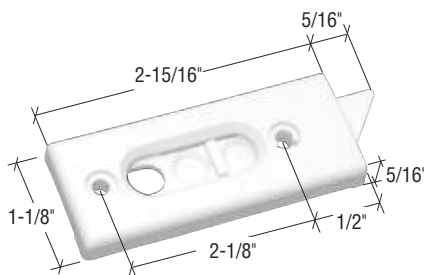


CAT. NO.	FINISH	QTY/PKG
F2722	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.

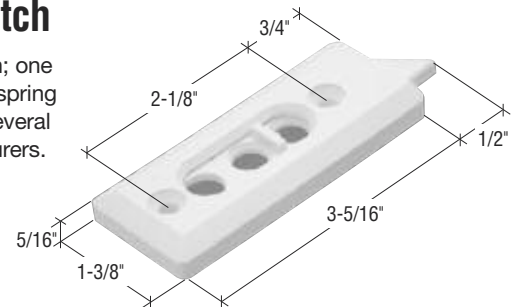


CAT. NO.	FINISH	QTY/PKG
F2627	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.



CAT. NO.	FINISH	QTY/PKG
F2728	White	2
F2729	Almond	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.



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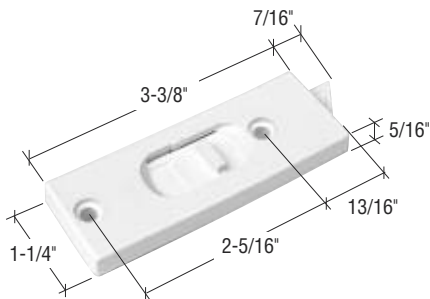
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CRL Tilt Latch

Plastic tilt latch; 1 left and 1 right; spring loaded; used by several window manufacturers.

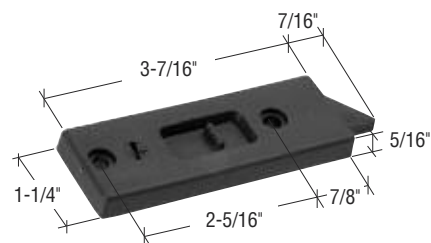


CAT. NO.	FINISH	QTY/PKG
F2599	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic tilt latch; 1 left and 1 right; spring loaded; used by several window manufacturers.

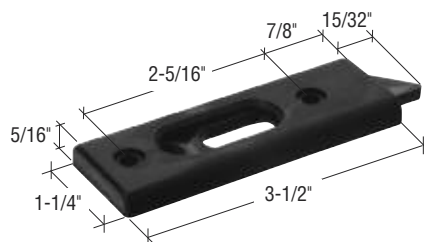


CAT. NO.	FINISH	QTY/PKG
F2697	Black	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic tilt latch; 1 left and 1 right; spring loaded; used by several window manufacturers.

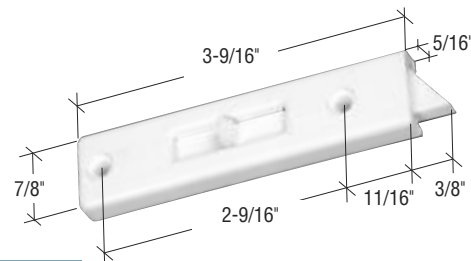


CAT. NO.	FINISH	QTY/PKG
F2724	White	2
F2725	Black	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic tilt latch; 1 left and 1 right; spring loaded; used by several window manufacturers.

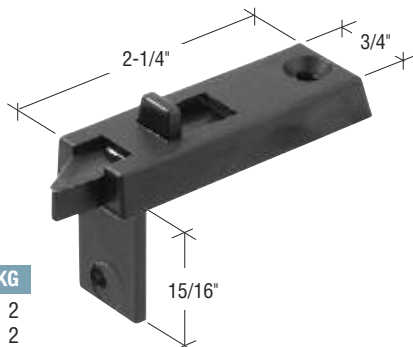


CAT. NO.	FINISH	QTY/PKG
F2671	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic tilt latch; 1 left and 1 right; spring loaded; fits Better Bilt windows.

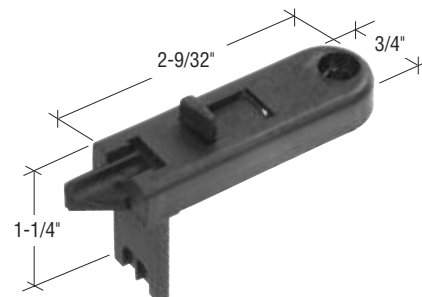


CAT. NO.	FINISH	QTY/PKG
F2628	Black	2
F2642	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic tilt latch; 1 left and 1 right; spring loaded; fits Keller windows.

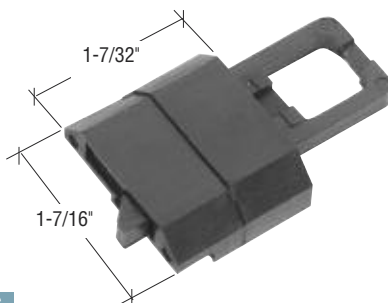


CAT. NO.	FINISH	QTY/PKG
F2660	Black	2
F2788	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; 1 left and 1 right handed; fits Keller Windows.

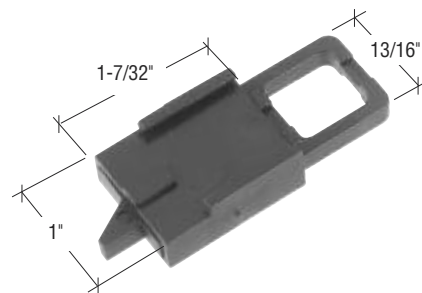


CAT. NO.	FINISH	QTY/PKG
F2769	Black	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; 1 left and 1 right handed; fits Binnings Windows.

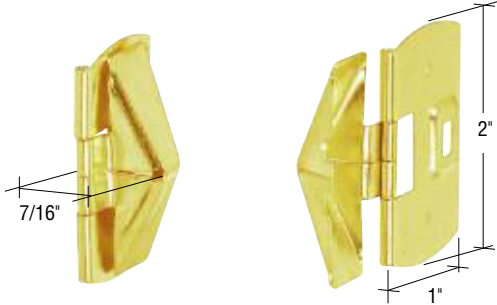


CAT. NO.	FINISH	QTY/PKG
F2770	Black	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Wood Window Flip Lock



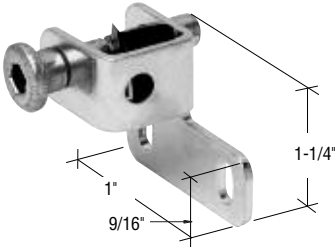
The CRL Wood Window Flip Lock mounts on a vertical track, stopping the window in a venting position. Flip the wedge out and the window can be completely opened. The lock is made of brass plated steel.

CAT. NO.	FINISH	QTY/PKG
S4018	Brass	2

Minimum order: 1 pack.

CRL Window Push-Bolt Lock

The CRL Push Bolt Sliding Window Lock has a hardened steel bolt with a 7/16" (11 mm) throw and a heavy gauge steel housing. The lock installs on bottom or side rail of horizontal or vertical sliding aluminum windows, and has screw slots which allow for adjustment. The two position push/pull action of the lock prevents accidental lockout. It is easy to install and operate.

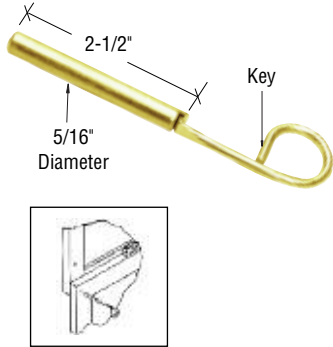


CAT. NO.	FINISH	QTY/PKG
S4026	Aluminum	1
S4027	Black	1

Minimum order: 1 pack.

CRL Wood Window Security Pin

CRL Wood Window Security Pins lock a window in a closed or a ventilating position. A pin removal key is needed to unlock. Requires a 5/16" (8 mm) diameter hole to be drilled 2-5/8" (67 mm) deep into the wood frame. These Pins are recommended for wood sash windows. Use two pins per sash.

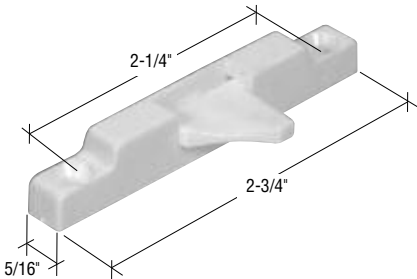


CAT. NO.	FINISH	QTY/PKG
S4175	Brass	8

Minimum order: 1 pack.

CRL Window Flip Lock

White nylon Flip Lock mounts onto bottom sill of sliding windows to act as a secondary security latch. It can also be positioned to allow the window to be left open a couple of inches for ventilation. Very popular secondary latch for vinyl windows.

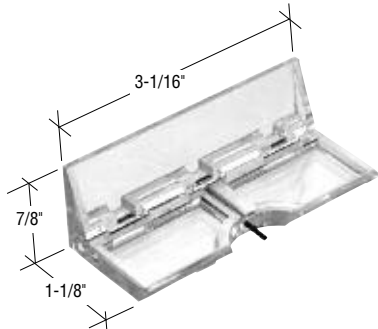


CAT. NO.	FINISH	QTY/PKG
S4600	White	2
S4600B	White	20

Minimum order: 1 pack.

CRL Window Flip Down Lock

This clear Lucite Flip Down Security Lock attaches to the glass with a very high bond clear adhesive strip, which is pre-attached to the Lock and ready to use. Latch is hinged in the middle. Folded up it allows the moving sash to pass freely; folded down it blocks the sash. Latch can be mounted at any place on the stationary panel.



CAT. NO.	FINISH	QTY/PKG
S4124	Clear	8

Minimum order: 1 pack.

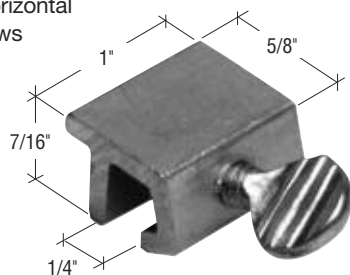
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Economy Window Lock

The CRL Economy Sliding Window Lock has an extruded aluminum housing. The steel screw securely locks horizontal or vertical sliding windows. It allows windows to be locked in a closed or ventilating position.

CAT. NO.	FINISH	QTY/PKG
S4036	Aluminum	2
S4036B	Aluminum	100
S4076	Black	2
S4076B	Black	100
S4336	White	2

Minimum order: 1 pack.

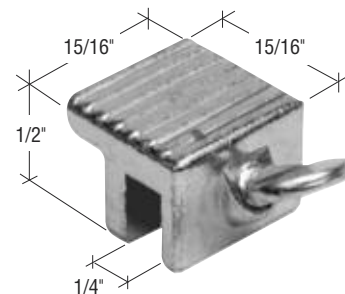


CRL Thumbscrew Lock

Heavy-duty zinc die cast housing with single thumbscrew. Securely locks window in closed or open ventilating position.

CAT. NO.	FINISH	QTY/PKG
S4000	Aluminum	2
S4000B	Aluminum	50
S4001	Black	2
S4001B	Black	50
S4340	White	2
S4340B	White	50

Minimum order: 1 pack.

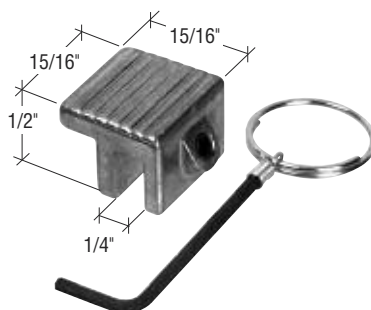


CRL Tamper-Resistant Lock

Heavy-duty zinc die cast housing with tamper-resistant single hex security screw. Securely locks window in closed or open ventilating position. Includes Allen wrench.

CAT. NO.	FINISH	QTY/PKG
S4032	Aluminum	2
S4033	Black	2
S4371	White	2

Minimum order: 1 pack.

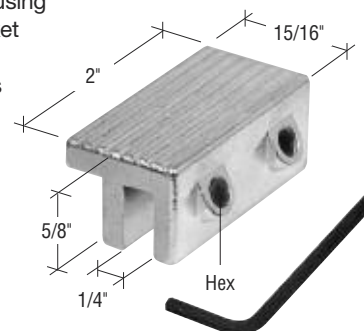


CRL Tamper-Resistant Lock

Heavy-duty zinc die cast housing with two tamperproof hex socket security screws for additional gripping power. Securely locks window in closed or open ventilating position. Includes Allen wrench.

CAT. NO.	FINISH	QTY/PKG
S4034	Aluminum	1
S4035	Black	1
S4372	White	1

Minimum order: 1 pack.

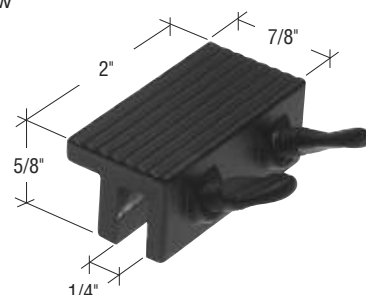


CRL Double Thumbscrew Lock

Heavy-duty zinc die cast housing with double thumbscrew for additional gripping power. Securely locks window or door in closed or open ventilating position.

CAT. NO.	FINISH	QTY/PKG
S4030	Aluminum	1
S4031	Black	1
S4370	White	1

Minimum order: 1 pack.

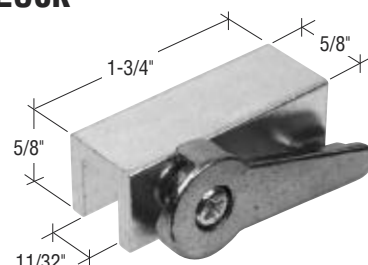


CRL Cam Action Lock

Extruded aluminum housing with cam action securely locks window in closed or ventilating position. No tools needed to install. Excellent added security for hotel or motel windows.

CAT. NO.	FINISH	QTY/PKG
S4064	Aluminum	2

Minimum order: 1 pack.

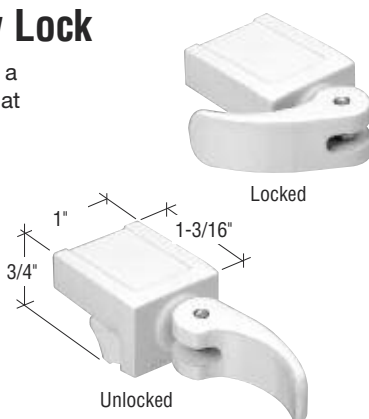


CRL Vinyl Window Lock

This Vinyl Window Lock has a threaded adjustment feature that adapts to the wider vinyl jamb fins. The inside of the Lock's jaws are grooved to prevent slippage and allow for a tight clamp to the vinyl's surface.

CAT. NO.	FINISH	QTY/PKG
S4574	White	2

Minimum order: 1 pack.



CRL Sample Matching Service

• Whether You Need One or a Hundred, We Can Help You Find It

You may send a sample of what you need to:

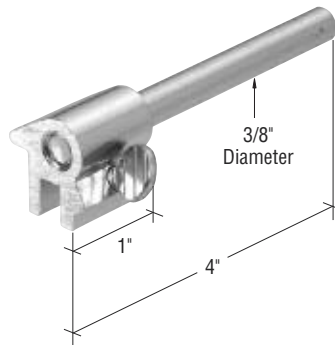
CRL Sample Matching
c/o Customer Service
2503 E. Vernon Ave.
Los Angeles, CA 90058-1897

Be sure to include your name and telephone number so we can call you with the results of our search. If you want your sample returned please let us know where to send it. You will be responsible for the return shipping charges. Please note that items that must be special ordered for you cannot be returned for credit.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Thumbscrew Bar Lock

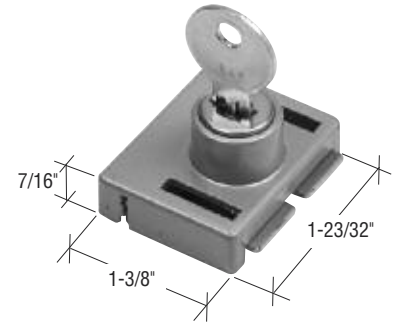
Made of heavy-duty extruded aluminum, the CRL Thumbscrew Bar Lock securely locks sliding windows in a closed or open ventilating position with the turn of a single thumbscrew. It has a reversible anti-lift bar to prevent the sash from being lifted from the track. The aluminum finish blends in with window frames. One per package, minimum order is one pack.



CAT. NO. S4373

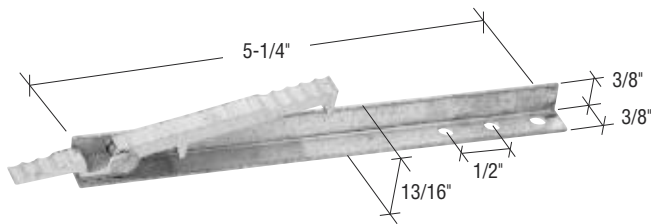
CRL Keyed Window Lock

This CRL Keyed Window Lock fits most sliding aluminum framed windows. Choose desired lock position and drill a 3/16" (4.8 mm) diameter hole through fin of window jamb. Lock slips over fin and when key is turned a pin engages the fin. Lock can be ordered keyed alike. One per package, minimum order is one pack.



CAT. NO. S4056

CRL "Win-Dor" Pop-Up Lock

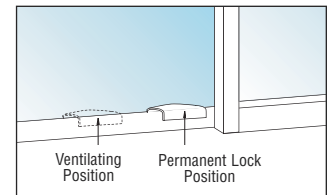
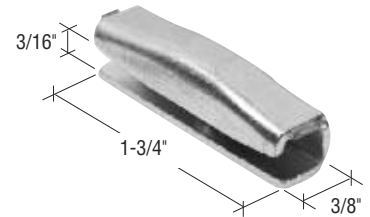


The CRL "Win-Dor" Pop-Up Lock provides hidden security for both sliding windows and patio doors. The stamped aluminum lock and housing mounts into top or bottom track channel, requiring only a 3/8" (9.5 mm) wide clearance. In the open position the sliding panel cleanly glides over the Lock. By simply pushing down on the rear of the Lock, the front is raised, locking the panel into the closed position. Lock is aluminum finish. One per package, minimum order is one pack.

CAT. NO. S4012

CRL Snap-On Vent Lock

The CRL Snap-On Vent Lock provides a permanent stop position for sliding windows. The Lock has a steel housing and snaps onto window frame to stop the window at any given point. Can be used as a secondary lock to prevent accidental opening. Packed two per package.

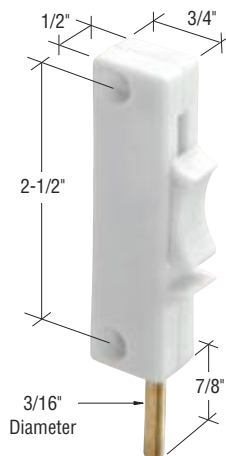


CAT. NO.	FINISH	QTY/PKG
S4014	Aluminum	2
S4024	Black	2

Minimum order: 1 pack.

CRL Sliding Window Lock

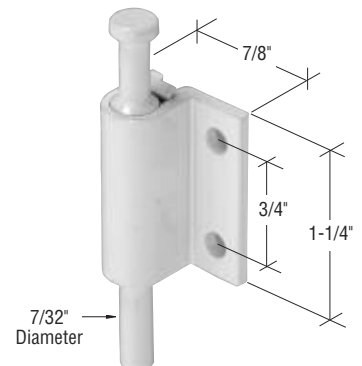
This Sliding Window Lock is designed to mount on most dual glazed windows. White nylon housing with a steel pin; has a 7/8" (22 mm) throw. One per package, minimum order is one pack.



CAT. NO. S4544

CRL 'Push-Pull' Sliding Window Lock

The CRL Push-Pull Lock has a white painted die cast housing and a steel bolt with a 1/2" (12.7 mm) throw. Sliding windows or patio doors can be securely locked in a closed or ventilating position. Lock is easy to install and operate. One per package, minimum order is one pack.

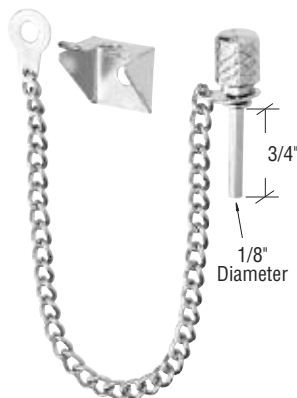


CAT. NO. S4357

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Window 'Nite-Lock' Mini Pin

The CRL Sliding Window 'Nite-Lock' Mini Pin features a case hardened 1/8" (3.2 mm) diameter, 3/4" (19 mm) long steel pin. Pin fits in casement locking handles as a locking pin, and through narrow rail windows to prevent prying or lifting of the window.

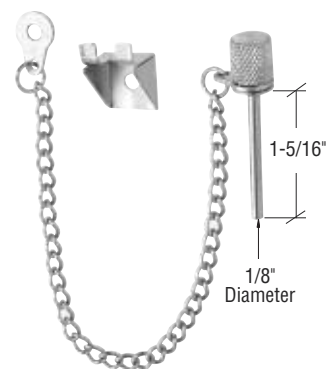


CAT. NO.	FINISH	QTY/PKG
S4387	Zinc Plated	1

Minimum order: 1 pack.

CRL Window 'Nite-Lock' Pin

The CRL Sliding Window 'Nite-Lock' Pin features a case hardened steel 1-5/16" (33 mm) long, 1/8" (3.2 mm) diameter pin. It securely locks window in a closed or ventilating position to prevent prying or lifting of the window. Pin stores in holder.

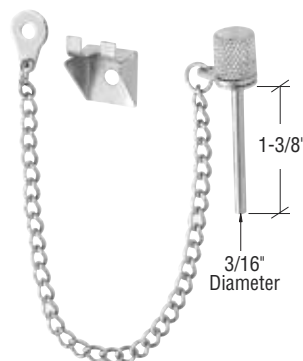


CAT. NO.	FINISH	QTY/PKG
S4071	Zinc Plated	1

Minimum order: 1 pack.

CRL Window 'Nite-Lock' Pin

The CRL Sliding Window 'Nite-Lock' Pin features a case hardened, 3/16" (4.8 mm) diameter, 1-3/8" (35 mm) long steel pin. It securely locks the window or patio door in a closed or ventilating position and prevents sliding or lifting. When unlocked the pin stores in its holder.

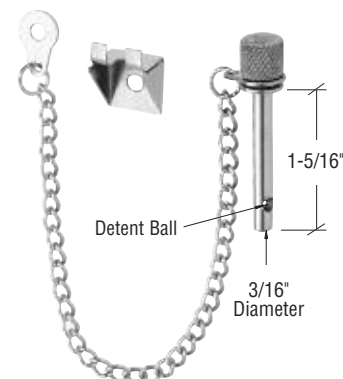


CAT. NO.	FINISH	QTY/PKG
S4065	Zinc Plated	1
S4065B	Zinc Plated	25

Minimum order: 1 pack.

CRL Window 'Nite Lock' Pin

The CRL Sliding Door 'Nite-Lock' Pin features a case hardened, 3/16" (4.8 mm) diameter, 1-5/16" (33 mm) long steel pin, which has a "detent ball" on the end to help hold the pin in place. It securely locks the window or patio door in a closed or ventilating position and prevents sliding or lifting. When unlocked the pin stores in its holder.



CAT. NO.	FINISH	QTY/PKG
S4067	Zinc Plated	1
S4067B	Zinc Plated	25

Minimum order: 1 pack.

CRL Window and Door 'Nite-Lock' Pin

The CRL Sliding Window and Door 'Nite-Lock' Pin has a plated, case hardened steel pin which locks into a retaining ring when engaged. It securely locks either a window or patio door in a closed or ventilating position, and prevents the sliding or lifting of the door. When unlocked the pin stores in its holder.

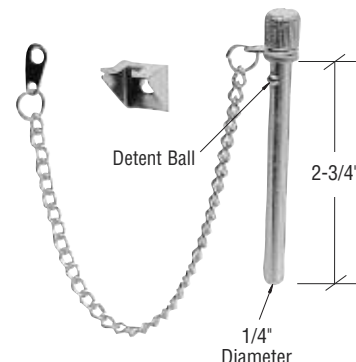


CAT. NO.	FINISH	QTY/PKG
S4011	Zinc Plated	1
S4011B	Zinc Plated	25
S4148	Black	1

Minimum order: 1 pack.

CRL Window and Door 'Nite-Lock' Pin With Detent-Ball

The CRL Sliding Door 'Nite-Lock' Pin has a plated, case hardened steel pin, which has a "detent ball" on the end to help hold the pin into place. It securely locks the window or patio door in a closed or ventilating position, and prevents sliding or lifting of the window or door. When unlocked the pin stores in its holder.



CAT. NO.	FINISH	QTY/PKG
S4066	Zinc Plated	1
S4066B	Zinc Plated	25

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Child Safety Guards for Windows

- Provides Additional Home Security
- Adjustable Widths From 23" to 42" (584 to 1067 mm) in Various Heights
- Welded Steel Construction With Solid Steel Cross Bars
- Meets Many State and City Building Ordinance Codes
- Durable White Powder Coat Finish

CRL Window Guards help protect children and pets from window falls while keeping intruders out. Each Window Guard has solid steel adjustable bars to accommodate varying window sizes, along with child-safe bar spacing and a durable powder coat finish.

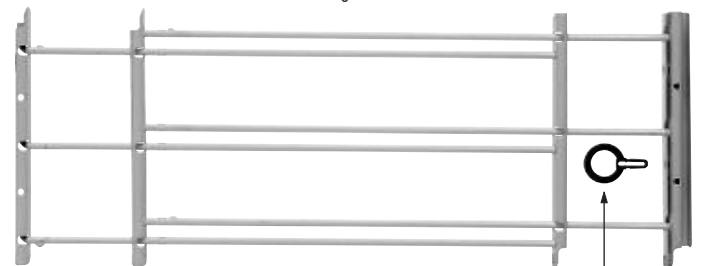
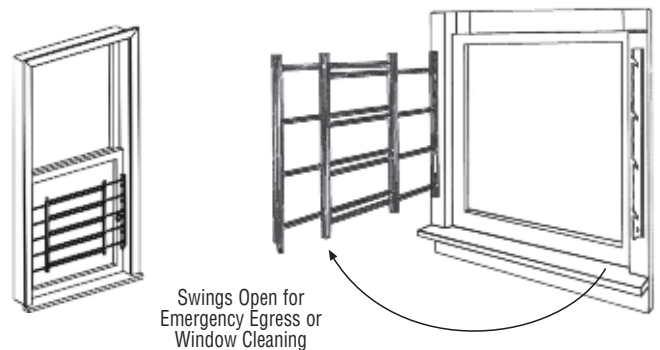


CRL Swing-Open Style Child Safety Guards

new

- Includes Release Pin for Emergency Egress
- 3-1/2" (89 mm) Bar Spacing
- Meets New Jersey Code NJAC 5:10-27

CRL Swing-Open Style Child Safety Guards are designed to be mounted on the inside of the window jamb. This Guard has a hinged channel on one side allowing the Guard to be opened for either emergency egress or for cleaning the window. Guard comes with a Fire Safety Release Pin, which requires some force to remove and allow egress. Check local codes for specific installation requirements such as maximum allowable space between bottom of sill and upper sash. Mounting hardware included. Packaged two Guards per box.



Fire Safety Release Pin

CAT. NO.	NO. OF BARS	HEIGHT	WIDTH RANGE	QTY/BOX
WGS1133	3	11" (279 mm)	24-42" (610-1067 mm)	2
WGS1134	4	14" (356 mm)	24-42" (610-1067 mm)	2
WGS1135	5	18" (457 mm)	24-42" (610-1067 mm)	2
WGS1136	6	22" (559 mm)	24-42" (610-1067 mm)	2

Minimum order: 1 box. All Safety Guards can be combined for quantity pricing.

CRL Door Security Hardware

- Large Selection of Locking Handles, Door Locks, Door Viewers, and Latch Guards



Locking Handles
See pages 285W-289W, 291W-304W



Door Locks
See pages 324W-327W



Chain Door Guards
See page 328W



Door Viewers
See page 328W



Latch Guards
See page 329W

CRL Sash Balance Introduction and Selection Guide

C.R. Laurence has expanded its selection of Sash Balance sizes and added several new types and accessory parts. If you have used our catalogs for years, or you are new to our vast selection of hardware, please take a minute to read the following Sash Balance Selection Guide for related selection and installation tips. To assist our customers in the search for the correct Sash Balance, this product group has been broken down into the following categories:

- **Block and Tackle Balances for Non-Tilt Windows**
- **Block and Tackle Balances for Tilt Windows**
- **Block and Tackle Balances, Overhead Type**
- **Spiral Balances, Tilt and Non-Tilt, 3/8" Diameter**
- **Spiral Balances, Tilt and Non-Tilt, 9/16" Diameter**
- **Spiral Balances, Tilt and Non-Tilt, 11/16" Diameter**

CRL Block and Tackle Sash Balances for Non-Tilt Windows

See pages 511W - 518W

1. Expanded selection of stocked Sash Balances to include several new heavier 50 Series Balances with a vent weight range of 28 to 32 pounds (12 to 14.5 kg).
2. Our new direct sourcing program has reduced lead times by up to half for special order Sash Balances.
3. Expanded selection of stocked Guides and Sash Cams.
4. The addition of our new Balance Guide Riveter, which professionally installs the top and bottom Channel Balance Guides in just minutes to speed your order on its way.

To prevent application failures, it is very important to make sure that the Balance Terminal Clip is securely seated into the jamb slot. It is the responsibility of the installer to ensure proper terminal clip insertion, and to make sure that the slot can retain the clip. Once the Balance is installed and the sash has become closed, the spring becomes fully extended. If the Terminal Clip becomes disengaged at this time, the spring will collapse with such force that one of the following three problems may occur:

First, the spring will hit the top retainer rivet causing the rivet to blow up and out of the channel. This rivet is rated at 200-250 pounds, so under normal use the weight of the window will not damage the rivet. Second, the terminal clip retracts into the pulley wheels causing this stainless steel clip to bend and deform. And third, the terminal clip may also hit one of the plastic pulley rollers causing the roller to break.

Note: All Block and Sash Balances that are returned showing any of these signs of mis-application will not be considered defective nor eligible for credit.



Balance Guide Riveter

CRL Block and Tackle Sash Balances for Tilt Windows

See pages 519W - 520W

• New Block and Tackle Sash Balance Types are Now Available

777 Series: The most popular Tilt Balance is held into the side jamb with a single screw at the top. Since the channel is often exposed, ask about special channel colors now available.

779 Series: Similar to the 777 Series, this Balance has a flat hook at the top instead of a screw.

778 Series: This is a popular Balance for use in windows having vinyl jamb liners. Most often one Balance is used per side; however, heavier windows may have up to four Balances per side. When more than one Balance is used per side, these Balances will have a special cable connector so that both Balances work in unison, as shown on page 519W with a 615C Terminal Clip.

506 Series: Specifically designed for use in windows having vinyl jamb liners. Held into the top of the jamb with a flat hook, and having a terminal lock tied to the cord. This balance has a unique channel profile design with a contoured back. Channel is available in several colors to match the jamb.

716 Series: Unique in design, this new Balance has a pivot lock shoe attached to the channel. Once installed, the channel is hidden on the side of the sash panel, and the Balance travels with the sash as it moves from open to closed.

747 Series: Similar to the 716 Series, the difference being the back of the channel near the pivot lock shoe has been indented 3/8" for approximately 2" to allow for clearance between the sash and the jamb.

CRL Door and Window Department can assist you with your special order Tilt Window Block and Tackle Sash Balances. Call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. You can also send e-mail from the home page of crlaurence.com. Click on Contact us, and then click on Technical Sales for Door and Window Products.

CRL Overhead Window Block and Tackle Sash Balances

See pages 526W

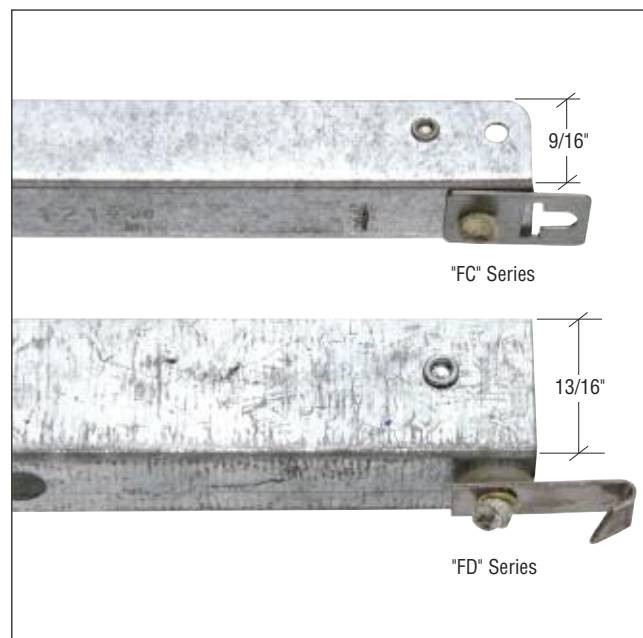
In addition to the popular "FC" Series Overhead Balance, which has been stocked for years, CRL now stocks the "FD" Series, available with either a single spring or a double spring for extra heavy sashes.

Special Order Program

The CRL Special Order Balance Program dramatically increases the number of styles and sizes of Balances available. To accomplish this goal, each new type shown on the following pages has helpful information to assist with selecting the correct replacement part.

Each of these new Balance groups are designated as "Special Order" to remind our customers that these parts are not stocked, and need to be quoted individually. Go to the crlaurence.com home page and click on the Navigation Menu button titled "Request a Quote".

You can also call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 from outside the U.S. or Canada and ask for the Special Quotation Department. Shipping lead times will vary depending on the type of Balance.



3/8" Diameter Spiral Balances

See pages 522W-523W

In addition to the red and blue bushing colors currently stocked, we now offer the green color (heavy-duty) bushing through our Special Order Program.

"FR" Series Balances, which have one of four hook styles attached onto the end of the rod, are now available in two rod lengths. CRL stocks the "Standard Rod", which is 9/16" (14 mm) longer than the tube. The "Extended Rod", which is 1-9/16" (41 mm) longer than the tube, is only available through our Special Order Program. When ordering the "FR" Series always take care to measure and provide an accurate rod length. Please refer to page 523W for a more detailed description.



FL Series shown

9/16" Diameter Spiral Balances

See page 524W

Red and blue bushing colors are currently stocked and available for immediate shipment.

Black (heavy-duty) bushing Spiral Balances are now also available through our Special Order Program.

CRL currently stocks only metal tube Spiral Balances. Plastic tube Balances are available only by special order.

The most popular Pivot Lock Shoes, Pivot Bars, and Balance Brackets for Spiral Balances are shown on page 524W.



FJ Series shown

11/16" Diameter Spiral Balances

See page 525W

This extremely heavy-duty Balance, available through our Special Order Program, is generally used on commercial or institutional type vertical hung windows.

Available in a variety of bushing colors in lengths from 12" to 54" (305 to 1371 mm), with a counter balance weight range from 20 to 80 pounds (9 to 36 kg).

The most popular Pivot Lock Shoes, Pivot Bars, and Balance Brackets are stocked and available for immediate shipment. See page 525W.



Pivot Lock Shoe

Specialty Spiral Balances

See page 523W

"FR" Series Balances with a flat attachment hook are now available through our Special Order Program in both 3/8" and 9/16" diameter metal and plastic tubes.



Sash Hook

CRL Window Channel Sash Balances

- Measures 5/8" (16 mm) Depth, but Referred to as 1/2" (13 mm) in the Trade

Shown below is a CRL FA Series Window Channel Sash Balance. Please note the way the cord comes out of the open side of the U-Channel and has a flat hook attached. This type of Balance is mounted vertically in the window jamb between the jamb and the sash on windows that do not tilt-in at the top of the sash.

Ordering Tips for FA Series Sash Balances

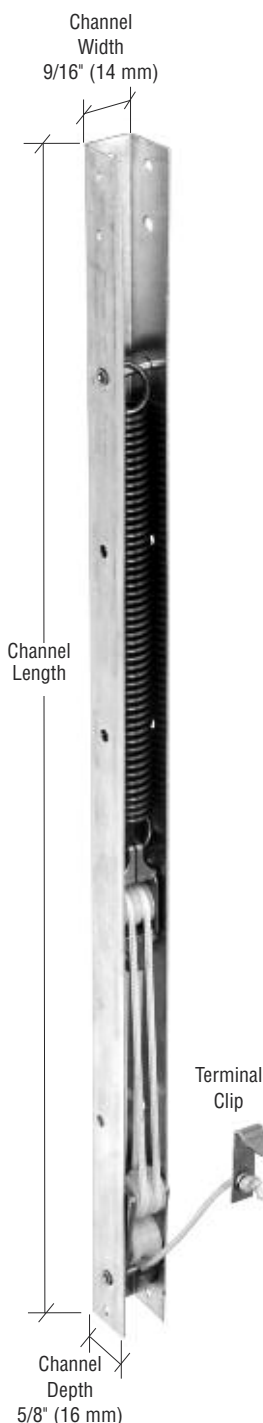
Remove the existing Channel Balance from the window. Measure the length of the metal channel only. Do not include the Guides. This measurement should be at full inch increments. **NOTE:** There have been a few window manufacturers that have used special 1/2" increment channel lengths. These Channel Balances are not stocked, however they can be special ordered.

Always look for the stamped or laser etched number on the back of the Channel Balance. This number will either be four numbers or three numbers. For example: 2710 or 27-1.

Using the numbers on the back of the Channel Balance, refer to the chart. If you have a full 18" (457 mm) length channel, and the corresponding number on the back of the Channel Balance is 1710 or 17-1, the corresponding CRL Cat. No. is FA1710.

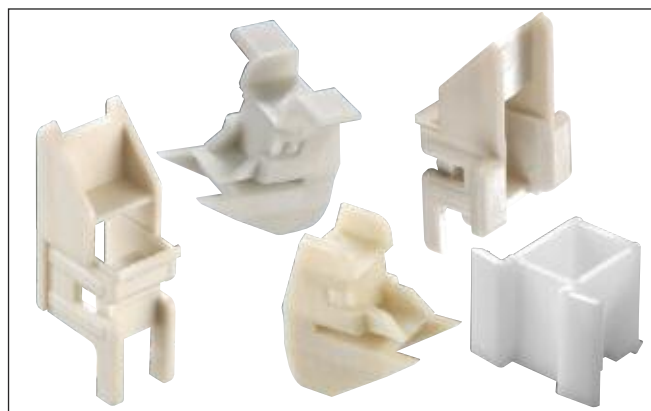
If you have a full 27" length channel, and the number on the back of the Channel Balance is 2610 or 26-1, the corresponding Cat. No. is FA2610. The chart also includes a vent weight range. This range indicates the amount of sash weight that a pair of Channel Balances will hold. This range does not account for any excessive weatherstrip friction. **NOTE:** The weight range chart should be used for reference only, or if the stamped number is too difficult to read.

Special weight range Channel Balances are available by special order. The standard balance chart shows stocked weight ranges from FA1210 to FA4240. The 10, 20, 30, 40 and 50 represents the counter-balance weight designation. If your Channel Balance has a stamped number 90, instead of the five weight ranges listed above (for example: 2790-26) this Channel Balance was made specifically to carry a 26-pound sash weight per pair of Balances. If your Channel Balance has a "DS" after the length, for example 27DS-34, this pair of Channel Balances was made specifically to carry a 34-pound sash weight. These special weight Channel Balances are sometimes designed specifically for upper or lower sashes only. This information will need to be provided at time of order.



- 10, 20, 30, 40, and 50 Weight Range Balances in Lengths From 13" to 42" (330 to 1067 mm)

Each FA Series Window Channel Sash Balance requires one of several types of Nylon Guides to be riveted onto the top and bottom of the channel. Customers can either order Channel Balances with Guides pre-attached by adding an "A" after the guide set number, or can order Guide Kits, with rivets included, and mount the Guides themselves. CRL also offers the handy Cat. No. H3740 Rivet Set Tool (see page 515W), which mushrooms the rivet, giving it a very strong set.



FA SERIES 10/1 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1210	1210 or 12-1	13" (330)	3 - 6 (1.3 - 2.7)
FA1310	1310 or 13-1	14" (356)	3 - 6 (1.3 - 2.7)
FA1410	1410 or 14-1	15" (381)	4 - 6 (1.8 - 2.7)
FA1510	1510 or 15-1	16" (406)	4 - 6 (1.8 - 2.7)
FA1610	1610 or 16-1	17" (432)	5 - 8 (2.2 - 3.6)
FA1710	1710 or 17-1	18" (457)	5 - 8 (2.2 - 3.6)
FA1810	1810 or 18-1	19" (483)	5 - 8 (2.2 - 3.6)
FA1910	1910 or 19-1	20" (508)	5 - 8 (2.2 - 3.6)
FA2010	2010 or 20-1	21" (533)	5 - 8 (2.2 - 3.6)
FA2110	2110 or 21-1	22" (559)	5 - 8 (2.2 - 3.6)
FA2210	2210 or 22-1	23" (584)	5 - 8 (2.2 - 3.6)
FA2310	2310 or 23-1	24" (610)	5 - 9 (2.2 - 4.1)
FA2410	2410 or 24-1	25" (635)	5 - 9 (2.2 - 4.1)
FA2510	2510 or 25-1	26" (660)	5 - 9 (2.2 - 4.1)
FA2610	2610 or 26-1	27" (686)	5 - 9 (2.2 - 4.1)
FA2710	2710 or 27-1	28" (711)	5 - 9 (2.2 - 4.1)
FA2810	2810 or 28-1	29" (737)	7 - 12 (3.2 - 5.4)
FA2910	2910 or 29-1	30" (762)	7 - 12 (3.2 - 5.4)
FA3010	3010 or 30-1	31" (787)	7 - 12 (3.2 - 5.4)
FA3110	3110 or 31-1	32" (813)	7 - 12 (3.2 - 5.4)
FA3210	3210 or 32-1	33" (838)	8 - 13 (3.6 - 5.9)
FA3310	3310 or 33-1	34" (864)	8 - 13 (3.6 - 5.9)
FA3410	3410 or 34-1	35" (889)	8 - 13 (3.6 - 5.9)
FA3510	3510 or 35-1	36" (914)	8 - 13 (3.6 - 5.9)
FA3610	3610 or 36-1	37" (940)	8 - 13 (3.6 - 5.9)
FA3710	3710 or 37-1	38" (965)	8 - 13 (3.6 - 5.9)
FA3810	3810 or 38-1	39" (991)	9 - 14 (4.1 - 6.3)
FA3910	3910 or 39-1	40" (1016)	9 - 14 (4.1 - 6.3)
FA4010	4010 or 40-1	41" (1041)	9 - 14 (4.1 - 6.3)
FA4110	4110 or 41-1	42" (1067)	9 - 14 (4.1 - 6.3)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

CRL Window Channel Sash Balances • Measures 5/8" (16 mm) Depth, but Referred to as 1/2" (13 mm) in the Trade

FA SERIES 20/2 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1220	1220 or 12-2	13" (330)	6 - 9 (2.7 - 4.1)
FA1320	1320 or 13-2	14" (356)	6 - 9 (2.7 - 4.1)
FA1420	1420 or 14-2	15" (381)	6 - 10 (2.7 - 4.5)
FA1520	1520 or 15-2	16" (406)	6 - 10 (2.7 - 4.5)
FA1620	1620 or 16-2	17" (432)	8 - 12 (3.6 - 5.4)
FA1720	1720 or 17-2	18" (457)	8 - 12 (3.6 - 5.4)
FA1820	1820 or 18-2	19" (483)	8 - 12 (3.6 - 5.4)
FA1920	1920 or 19-2	20" (508)	8 - 12 (3.6 - 5.4)
FA2020	2020 or 20-2	21" (533)	8 - 12 (3.6 - 5.4)
FA2120	2120 or 21-2	22" (559)	8 - 12 (3.6 - 5.4)
FA2220	2220 or 22-2	23" (584)	8 - 12 (3.6 - 5.4)
FA2320	2320 or 23-2	24" (610)	9 - 15 (4.1 - 6.8)
FA2420	2420 or 24-2	25" (635)	9 - 15 (4.1 - 6.8)
FA2520	2520 or 25-2	26" (660)	9 - 15 (4.1 - 6.8)
FA2620	2620 or 26-2	27" (686)	9 - 13 (4.1 - 5.9)
FA2720	2720 or 27-2	28" (711)	9 - 13 (4.1 - 5.9)

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA2820	2820 or 28-2	29" (737)	12 - 16 (5.4 - 7.2)
FA2920	2920 or 29-2	30" (762)	12 - 16 (5.4 - 7.2)
FA3020	3020 or 30-2	31" (787)	12 - 16 (5.4 - 7.2)
FA3120	3120 or 31-2	32" (813)	12 - 16 (5.4 - 7.2)
FA3220	3220 or 32-2	33" (838)	13 - 18 (5.9 - 8.2)
FA3320	3320 or 33-2	34" (864)	13 - 18 (5.9 - 8.2)
FA3420	3420 or 34-2	35" (889)	13 - 18 (5.9 - 8.2)
FA3520	3520 or 35-2	36" (914)	13 - 18 (5.9 - 8.2)
FA3620	3620 or 36-2	37" (940)	13 - 18 (5.9 - 8.2)
FA3720	3720 or 37-2	38" (965)	13 - 18 (5.9 - 8.2)
FA3820	3820 or 38-2	39" (991)	14 - 19 (6.3 - 8.6)
FA3920	3920 or 39-2	40" (1016)	14 - 19 (6.3 - 8.6)
FA4020	4020 or 40-2	41" (1041)	14 - 19 (6.3 - 8.6)
FA4120	4120 or 41-2	42" (1067)	14 - 19 (6.3 - 8.6)
FA4220	4220 or 42-2	43" (1092)	14 - 19 (6.3 - 8.6)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

FA SERIES 30/3 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1230	1230 or 12-3	13" (330)	9 - 11 (4.1 - 5.0)
FA1330	1330 or 13-3	14" (356)	9 - 11 (4.1 - 5.0)
FA1430	1430 or 14-3	15" (381)	10 - 12 (4.5 - 5.4)
FA1530	1530 or 15-3	16" (406)	10 - 12 (4.5 - 5.4)
FA1630	1630 or 16-3	17" (432)	12 - 14 (5.4 - 6.3)
FA1730	1730 or 17-3	18" (457)	12 - 14 (5.4 - 6.3)
FA1830	1830 or 18-3	19" (483)	12 - 14 (5.4 - 6.3)
FA1930	1930 or 19-3	20" (508)	12 - 14 (5.4 - 6.3)
FA2030	2030 or 20-3	21" (533)	12 - 15 (5.4 - 6.8)
FA2130	2130 or 21-3	22" (559)	12 - 15 (5.4 - 6.8)
FA2230	2230 or 22-3	23" (584)	12 - 19 (5.4 - 8.6)
FA2330	2330 or 23-3	24" (610)	15 - 18 (6.8 - 8.2)
FA2430	2430 or 24-3	25" (635)	15 - 19 (6.8 - 8.6)
FA2530	2530 or 25-3	26" (660)	15 - 19 (6.8 - 8.6)
FA2630	2630 or 26-3	27" (686)	13 - 19 (5.9 - 8.6)
FA2730	2730 or 27-3	28" (711)	13 - 19 (5.9 - 8.6)

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA2830	2830 or 28-3	29" (737)	16 - 23 (7.2 - 10.4)
FA2930	2930 or 29-3	30" (762)	16 - 23 (7.2 - 10.4)
FA3030	3030 or 30-3	31" (787)	16 - 23 (7.2 - 10.4)
FA3130	3130 or 31-3	32" (813)	16 - 23 (7.2 - 10.4)
FA3230	3230 or 32-3	33" (838)	18 - 23 (8.2 - 10.4)
FA3330	3330 or 33-3	34" (864)	18 - 23 (8.2 - 10.4)
FA3430	3430 or 34-3	35" (889)	18 - 23 (8.2 - 10.4)
FA3530	3530 or 35-3	36" (914)	18 - 23 (8.2 - 10.4)
FA3630	3630 or 36-3	37" (940)	18 - 23 (8.2 - 10.4)
FA3730	3730 or 37-3	38" (965)	18 - 23 (8.2 - 10.4)
FA3830	3830 or 38-3	39" (991)	19 - 24 (8.6 - 10.9)
FA3930	3930 or 39-3	40" (1016)	19 - 24 (8.6 - 10.9)
FA4030	4030 or 40-3	41" (1041)	19 - 23 (8.6 - 10.4)
FA4130	4130 or 41-3	42" (1067)	19 - 24 (8.6 - 10.9)
FA4230	4230 or 42-3	43" (1092)	19 - 24 (8.6 - 10.9)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

FA SERIES 40/4 AND 50/5 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1240	1240 or 12-4	13" (330)	11 - 12 (5.0 - 5.4)
FA1340	1340 or 13-4	14" (356)	11 - 12 (5.0 - 5.4)
FA1440	1440 or 14-4	15" (381)	12 - 13 (5.4 - 5.9)
FA1540	1540 or 15-4	16" (406)	12 - 13 (5.4 - 5.9)
FA1640	1640 or 16-4	17" (432)	14 - 19 (6.3 - 8.6)
FA1740	1740 or 17-4	18" (457)	14 - 17 (6.3 - 7.7)
FA1840	1840 or 18-4	19" (483)	14 - 17 (6.3 - 7.7)
FA1940	1940 or 19-4	20" (508)	14 - 17 (6.3 - 7.7)
FA2040	2040 or 20-4	21" (533)	15 - 23 (6.8 - 10.4)
FA2140	2140 or 21-4	22" (559)	15 - 23 (6.8 - 10.4)
FA2240	2240 or 22-4	23" (584)	19 - 23 (8.6 - 10.4)
FA2340	2340 or 23-4	24" (610)	18 - 23 (8.2 - 10.4)
FA2440	2440 or 24-4	25" (635)	19 - 24 (8.6 - 10.9)
FA2540	2540 or 25-4	26" (660)	19 - 25 (8.6 - 11.3)
FA2640	2640 or 26-4	27" (686)	19 - 26 (8.6 - 11.8)
FA2650	2650 or 26-5	27" (686)	26 - 28 (11.8 - 12.7)
FA2740	2740 or 27-4	28" (711)	19 - 26 (8.6 - 11.8)
FA2840	2840 or 28-4	29" (737)	23 - 28 (10.4 - 12.7)
FA2850	2850 or 28-5	29" (737)	28 - 32 (12.7 - 14.5)

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA2940	2940 or 29-4	30" (762)	23 - 28 (10.4 - 12.7)
FA2950	2950 or 29-5	30" (762)	28 - 32 (12.7 - 14.5)
FA3040	3040 or 30-4	31" (787)	23 - 28 (10.4 - 12.7)
FA3050	3050 or 30-5	31" (787)	28 - 32 (12.7 - 14.5)
FA3140	3140 or 31-4	32" (813)	23 - 28 (10.4 - 12.7)
FA3150	3150 or 31-5	32" (813)	28 - 32 (12.7 - 14.5)
FA3240	3240 or 32-4	33" (838)	23 - 28 (10.4 - 12.7)
FA3250	3250 or 32-5	33" (838)	28 - 32 (12.7 - 14.5)
FA3340	3340 or 33-4	34" (864)	23 - 28 (10.4 - 12.7)
FA3350	3350 or 33-5	34" (864)	28 - 32 (12.7 - 14.5)
FA3440	3440 or 34-4	35" (889)	28 - 30 (12.7 - 13.6)
FA3540	3540 or 35-4	36" (914)	28 - 30 (12.7 - 13.6)
FA3640	3640 or 36-4	37" (940)	23 - 30 (10.4 - 13.6)
FA3740	3740 or 37-4	38" (965)	23 - 30 (10.4 - 13.6)
FA3840	3840 or 38-4	39" (991)	24 - 30 (10.9 - 13.6)
FA3940	3940 or 39-4	40" (1016)	24 - 30 (10.9 - 13.6)
FA4040	4040 or 40-4	41" (1041)	23 - 30 (10.4 - 13.6)
FA4140	4140 or 41-4	42" (1067)	24 - 30 (10.9 - 13.6)
FA4240	4240 or 42-4	43" (1092)	24 - 30 (10.9 - 13.6)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

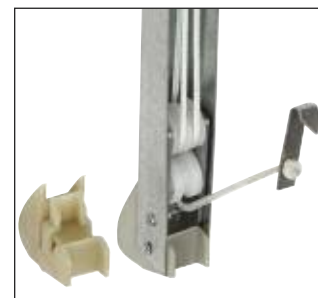
CRL Window Channel Sash Balance Repair Kits

- Conveniently Packaged Kits for a Single Repair
- 10 Popular Guide Combinations to Choose From

CRL Channel Sash Balances and Guides are always ordered separately. Shown here are the 10 most common Top and Bottom Guide combinations. You can choose to order a Poly Bagged Kit which includes a Top and Bottom Guide, plus Rivets with Take-Out Clip, or you can choose to order the Guides pre-attached at the factory by including an "A" at the end of the Cat. No. shown in the chart. If you choose the Poly Bag Kit, it is recommended to order the CRL Cat. No. H3740 Rivet Set Tool shown on page 515W.



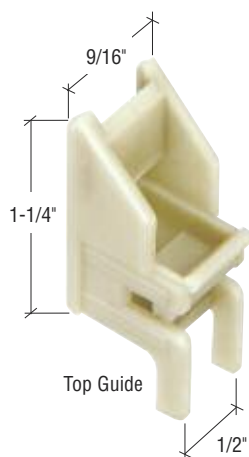
Top Guide



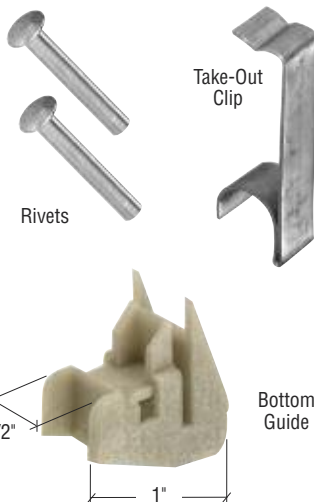
Bottom Guide

Kit Includes:

- 1 each FS100 Top Guide
- 1 each FS150 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip



Top Guide

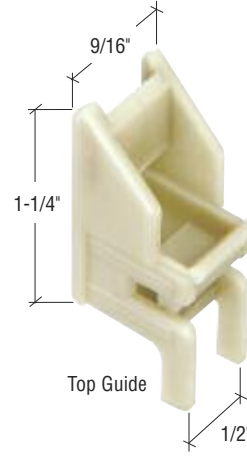


CAT. NO.	DESCRIPTION
FS290B	Poly Bag Kit
FS290BA	Guides Attached

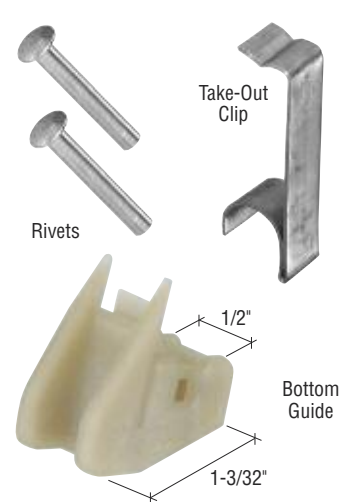
Minimum order: 1 each.

Kit Includes:

- 1 each FS100 Top Guide
- 1 each FS151 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip



Top Guide



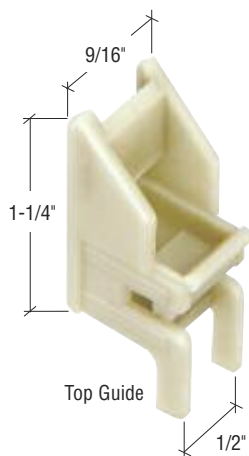
Bottom Guide

CAT. NO.	DESCRIPTION
FS291B	Poly Bag Kit
FS291BA	Guides Attached

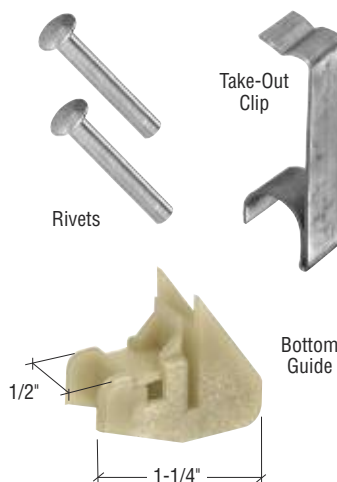
Minimum order: 1 each.

Kit Includes:

- 1 each FS100 Top Guide
- 1 each FS152 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip



Top Guide



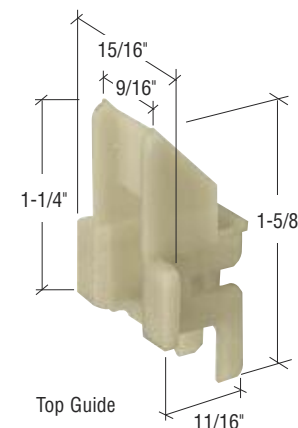
Bottom Guide

CAT. NO.	DESCRIPTION
FS292B	Poly Bag Kit
FS292BA	Guides Attached

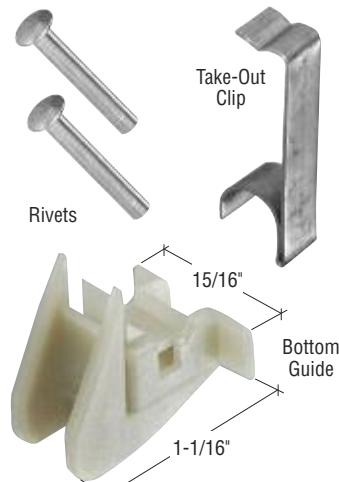
Minimum order: 1 each.

Kit Includes:

- 1 each FS101 Top Guide
- 1 each FS153 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip



Top Guide



Bottom Guide

CAT. NO.	DESCRIPTION
FS293B	Poly Bag Kit
FS293BA	Guides Attached

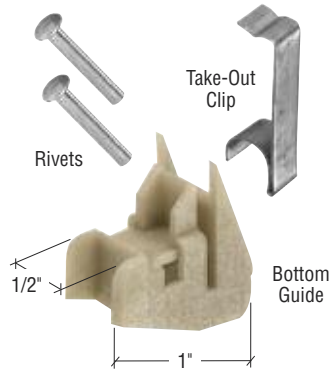
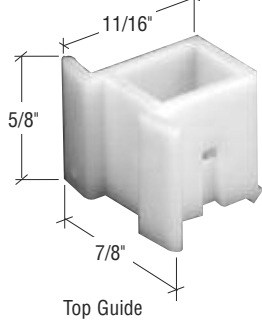
Minimum order: 1 each.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Window Channel Sash Balance Repair Kits

Kit Includes:

- 1 each FS102 Top Guide
- 1 each FS150 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip

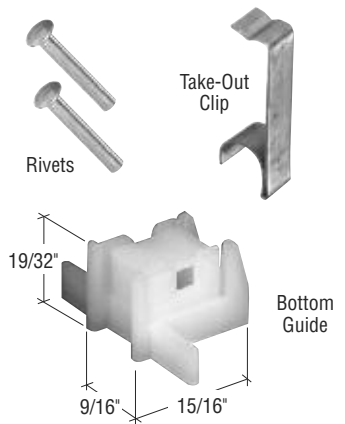
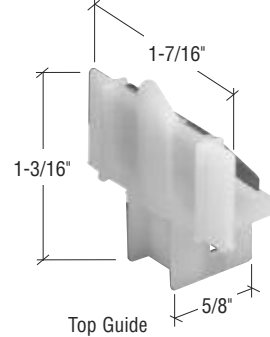


CAT. NO.	DESCRIPTION
FS294B	Poly Bag Kit
FS294BA	Guides Attached

Minimum order: 1 each.

Kit Includes:

- 1 each FS103 Top Guide
- 1 each FS154 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip

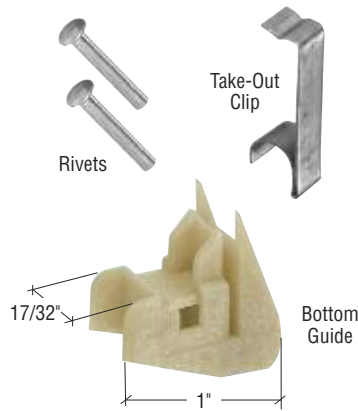
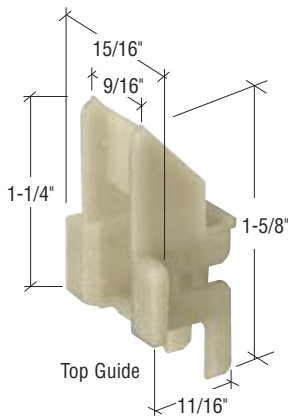


CAT. NO.	DESCRIPTION
FS295B	Poly Bag Kit
FS295BA	Guides Attached

Minimum order: 1 each.

Kit Includes:

- 1 each FS101 Top Guide
- 1 each FS150 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip

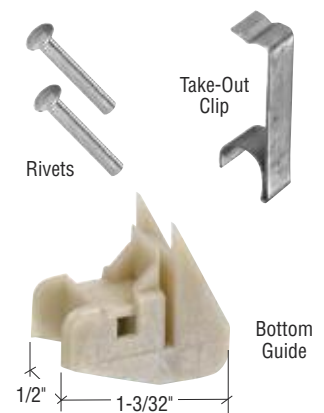
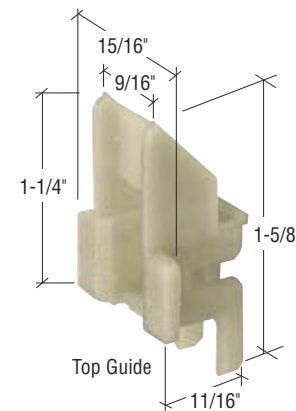


CAT. NO.	DESCRIPTION
FS296B	Poly Bag Kit
FS296BA	Guides Attached

Minimum order: 1 each.

Kit Includes:

- 1 each FS101 Top Guide
- 1 each FS151 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip

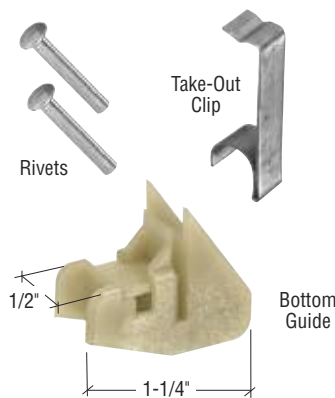
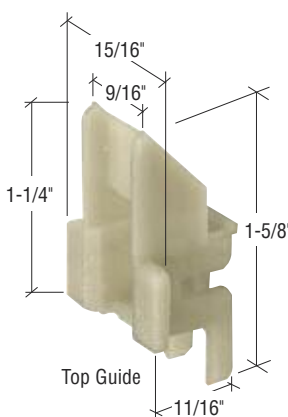


CAT. NO.	DESCRIPTION
FS297B	Poly Bag Kit
FS297BA	Guides Attached

Minimum order: 1 each.

Kit Includes:

- 1 each FS101 Top Guide
- 1 each FS152 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip

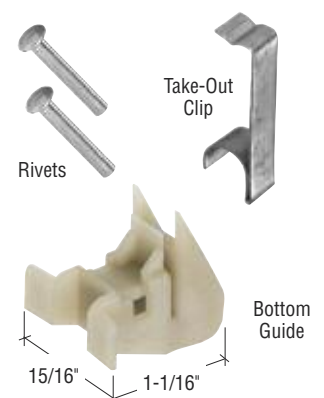
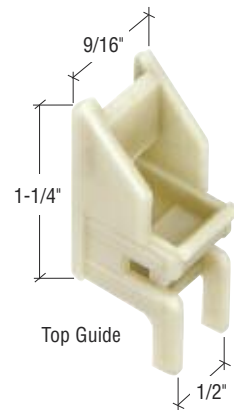


CAT. NO.	DESCRIPTION
FS298B	Poly Bag Kit
FS298BA	Guides Attached

Minimum order: 1 each.

Kit Includes:

- 1 each FS100 Top Guide
- 1 each FS153 Bottom Guide
- 2 each FS261 Rivets
- 1 each FS260 Take-Out Clip



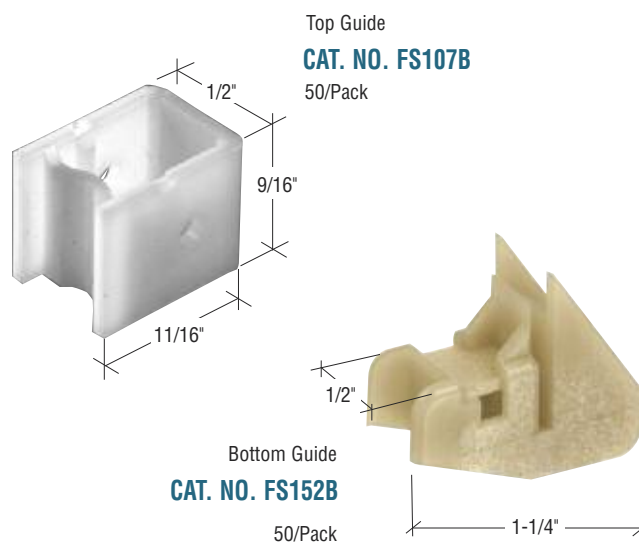
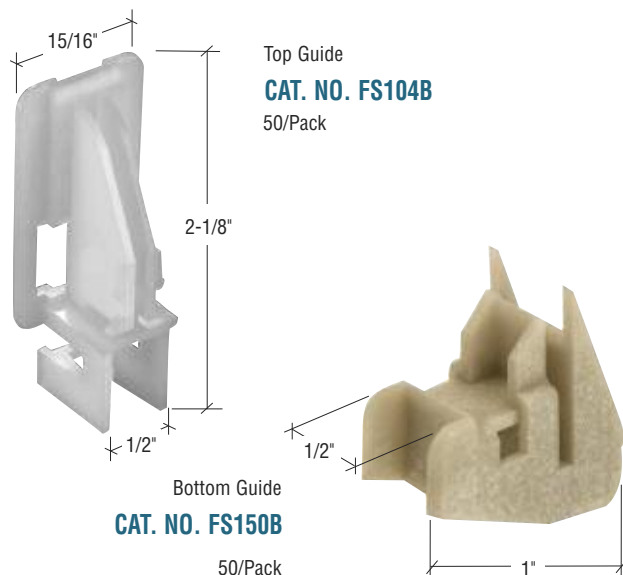
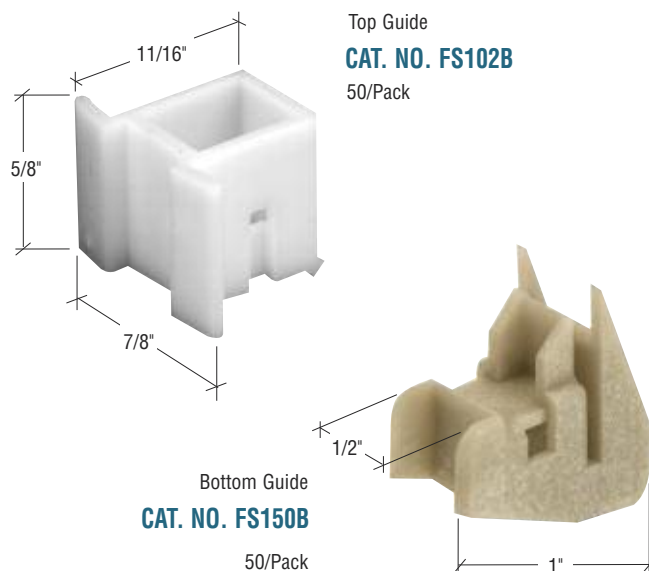
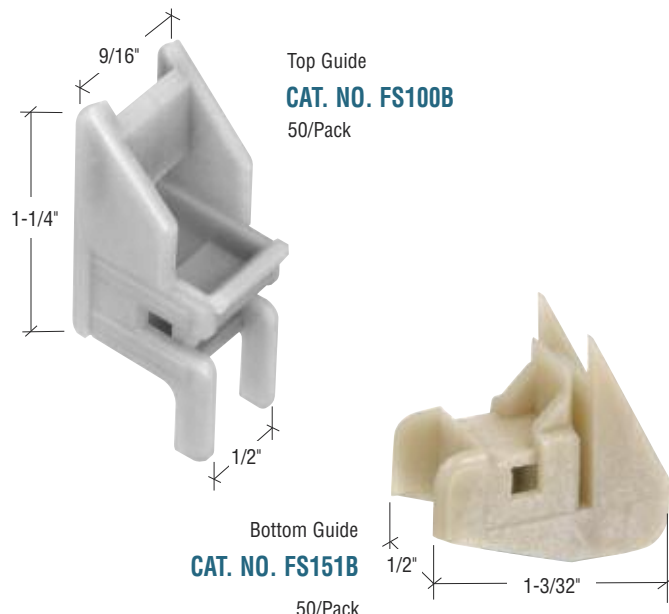
CAT. NO.	DESCRIPTION
FS299B	Poly Bag Kit
FS299BA	Guides Attached

Minimum order: 1 each.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Window Channel Sash Balance Accessories

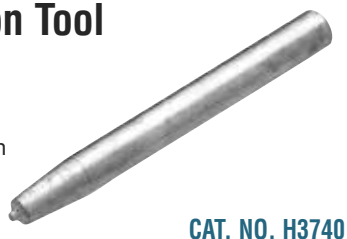
Top and Bottom Sash Balance Guides are packaged in bulk and stocked for quick shipment. This selection chart has been laid out to show common pairs of Guides used by different window manufacturers. Guides are packed 50 each per poly bag. If rivets are needed you can order the Cat. No. FS261 Guide Rivets shown below. If you do not see the Guides you need below there are others available by special order. Please contact CRL Door and Window Department at Ext. 7520. We can usually match them if you provide a detailed drawing, digital photo, or even better, an actual sample.



Minimum order: 1 pack. All packs of Replacement Hardware can be combined for quantity pricing.

CRL Rivet Installation Tool

Hard steel Rivet Set Tool has a flared conical shaped head to properly flare Cat. No. FS261 Sash Balance Guide Rivets. Minimum order is one each.



CRL Guide Rivet

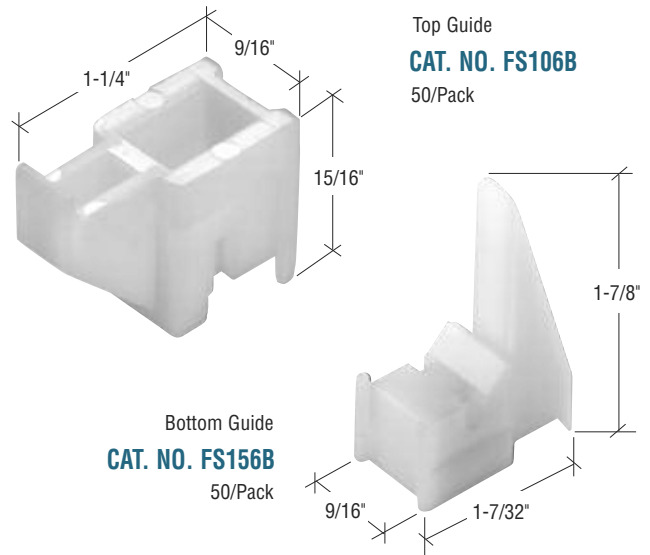
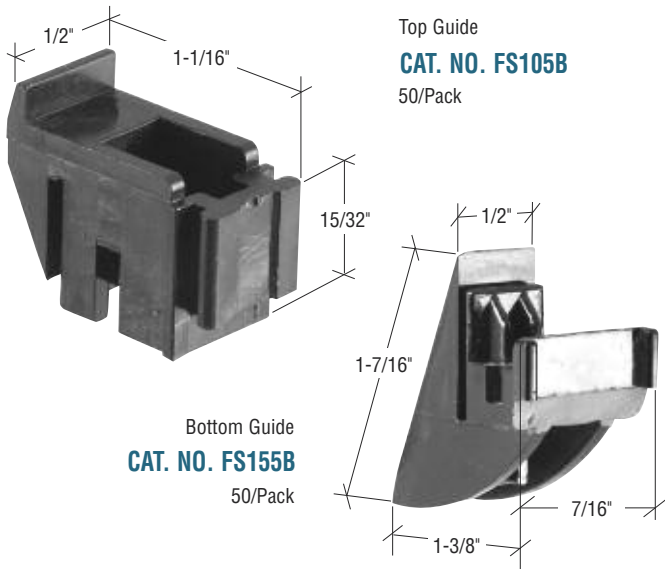
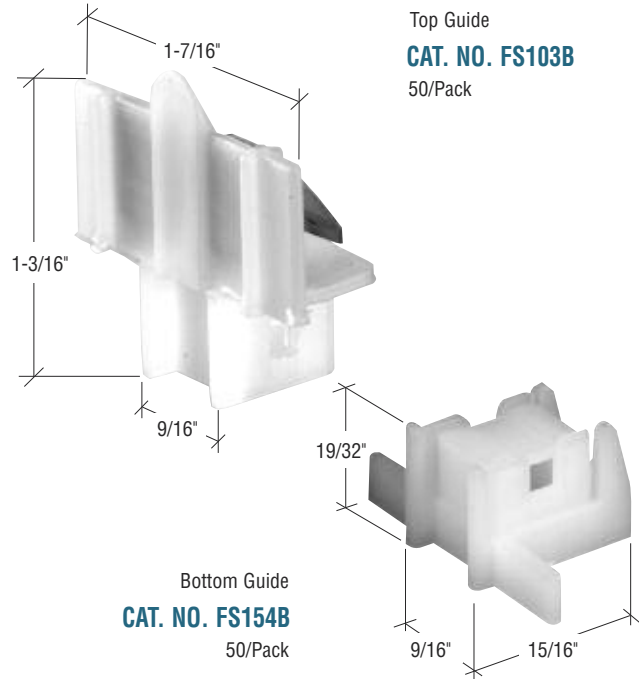
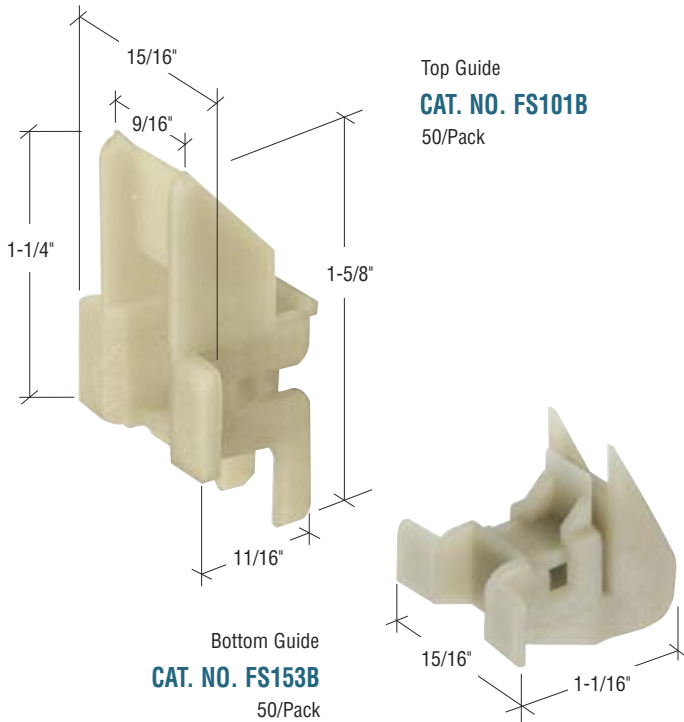
These are the same Guide Rivets packaged with our Balance Repair Kits.



CAT. NO.	QTY/PKG
FS261	100
FS261B	1000

Minimum order: 1 pack.

CRL Window Channel Sash Balance Accessories

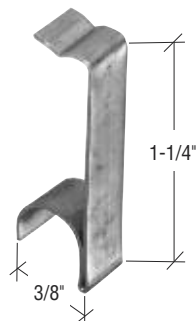


CRL Take-Out Clips

Metal Take-Out Clips are used for vent removal when replacing Window Channel Sash Balances.

CAT. NO.	QTY/PKG
FS260	20
FS260B	100

Minimum order: 1 pack.



CRL Terminal Clips

CRL Terminal Clips are made from high quality stainless steel. Whenever any Terminal Clip is being replaced, care should be taken to securely hold the balance cord to maintain tension to the spring.

CAT. NO.	QTY/PKG
FS250B	100

Minimum order: 1 pack.



All packs of Replacement Hardware can be combined for quantity pricing.

CRL Nylon Sash Cams

CRL Sash Cams attach to the top edge of the window sash and provide the top support to the channel Sash Balance, as well as maintaining the proper operating clearance between the sash and frame.

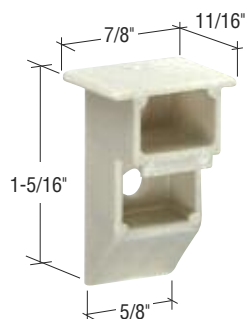
This Cam has been used by several window manufacturers.



CAT. NO.	QTY/PKG
H3837	2
H3837B	50

Minimum order: 1 pack.

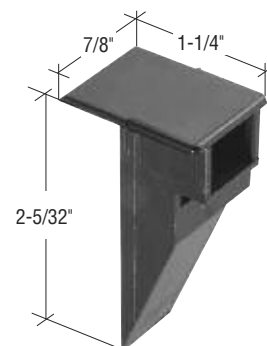
This Cam has been used by several window manufacturers.



CAT. NO.	QTY/PKG
H3838	2
H3838B	50

Minimum order: 1 pack.

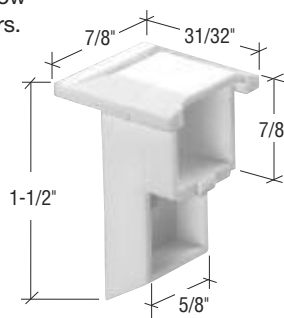
This Cam is used by Acorn Windows.



CAT. NO.	QTY/PKG
H3940	2
H3940B	25

Minimum order: 1 pack.

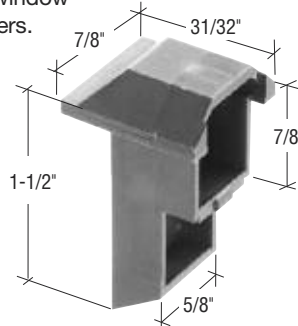
This Cam has been used by several window manufacturers.



CAT. NO.	QTY/PKG
H3918	2
H3918B	25

Minimum order: 1 pack.

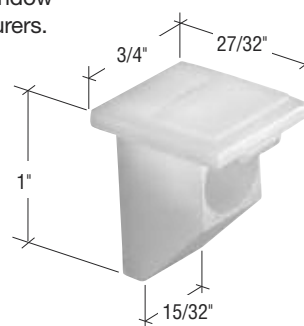
This high crown Cam has been used by several window manufacturers.



CAT. NO.	QTY/PKG
H3980	2
H3980B	25

Minimum order: 1 pack.

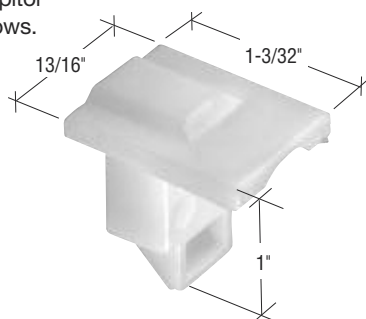
This Cam has been used by several window manufacturers.



CAT. NO.	QTY/PKG
H3917	2
H3917B	25

Minimum order: 1 pack.

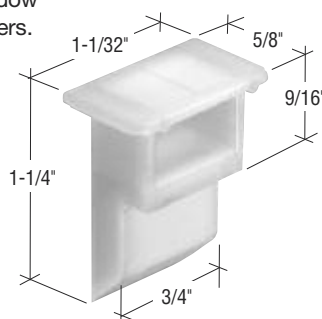
This Cam has been used by Capitol Windows.



CAT. NO.	QTY/PKG
H4129	2
H4129B	25

Minimum order: 1 pack.

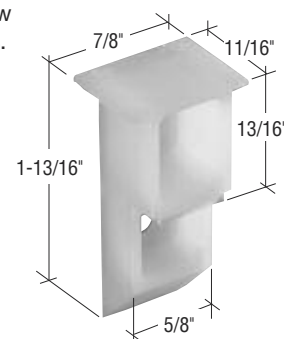
This Cam has been used by several window manufacturers.



CAT. NO.	QTY/PKG
H3943	2
H3943B	25

Minimum order: 1 pack.

This Cam has been used by several window manufacturers.

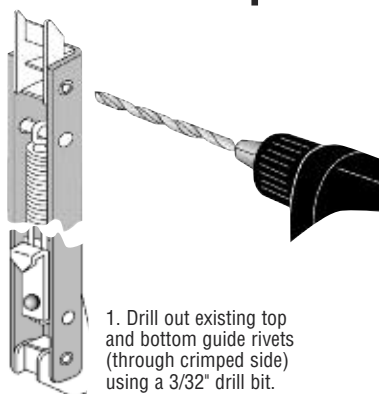


CAT. NO.	QTY/PKG
H4128	2
H4128B	25

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Guide Replacement



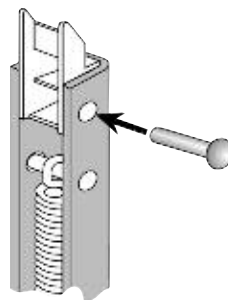
1. Drill out existing top and bottom guide rivets (through crimped side) using a 3/32" drill bit.



2. Align and insert the new top guide into the top end of the Balance.

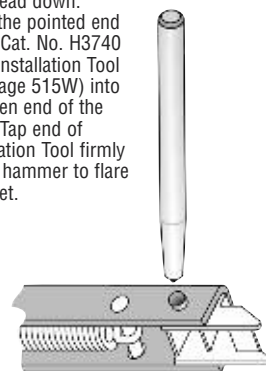


3. Align and insert the new bottom guide into the bottom end of the Balance.



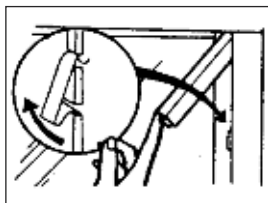
4. Align hole in the guide and Balance and insert new rivet through the drilled out hole in the Balance.

5. Place Balance on solid surface with rivet head down. Place the pointed end of the Cat. No. H3740 Rivet Installation Tool (see page 515W) into the open end of the rivet. Tap end of Installation Tool firmly with a hammer to flare the rivet.



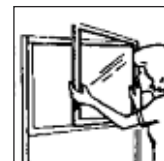
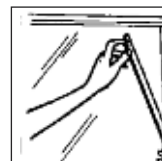
Removal Step 1

Remove sash stop from top of frame jamb. This will expose the formed tabs or take-out clips, which may be pivoted outward as shown in circle.



Replacement Step 1

Install new Balance Assembly by reversing the removal procedure. Insert terminal clip in square hole located in frame jamb. Secure the top guide under the take-out clip. Repeat on other side of window.



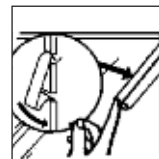
Removal Step 2

Raise the sash until you feel the top guides of the Balances engage the two take out clips. Hold the sash firmly and continue to lift an additional 1 to 2 inches. The jamb pockets on the sides are deep enough to allow the sash to be moved to either side, which will allow the opposite side to clear the jamb pocket. Swing this side away and out of the jamb.



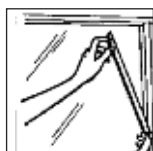
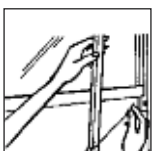
Replacement Step 2

Position the right or left side of the sash into the jamb, (top of sash should be at least 1" above the take out clip). Swing the opposite side of the sash into alignment with the frame. Lower the sash to engage the top of the Balance. Snap the take out clips back into the frame and replace the sash stops.



Removal Step 3

Push down on Channel Balance until top guide is clear of take-out clip. Hold firmly and slowly lift up and away from jamb. Remove terminal clip from square hole in frame jamb.



Tips for Replacing Channel Balances

Correct Weights

Use our chart on pages 511W and 512W to confirm the correct Balance was used in the window that is in need of repair. Simply weigh the vent and select the appropriate Balances.

Confusing Numbers

Channel Balances are referred to in various ways and numbers. Even though the standard Channel Balances are ordered as 1/2" (13 mm) Balances, they are 9/16" x 5/8" (14 x 16 mm) in dimension. Lengths also create confusion. A 24" (610 mm) Balance is referred to as a 2310, 2320, 2330, etc.

When in doubt.....send samples!

That is the best way we can help you get the right Balance.

CRL Now Offers a "Special Order Program" for Block and Tackle Sash Balances for Tilt Windows

• Follow These Four Easy Steps to Select the Correct Replacement Balance:

1. Identify Type of Balance From Balances Shown Below
2. Locate Stamped Number on Channel
3. Measure Channel Length
4. Contact Our Technical Sales Department

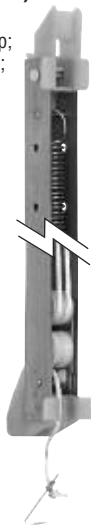
For more information regarding Block and Tackle Sash Balances for Tilt Windows, call us at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for the Door and Window Department at Ext. 7520.



CRL Block and Tackle Sash Balances

100 Series (FA) (Stocked)

Balance with Guides; Channel measures 1" longer than stamp; Stamped number format 2420; Inked number format 24-2; Channel Height 9/16"; 135 Terminal Clip.



120 Series

Balance with Guides; Channel measures 1" longer than stamp; Stamped number format 2210 or 2223; Channel Height 9/16"; 135 Terminal Clip.



140 Series

Balance with Guides; Channel measures 1" longer than stamp; Stamped number format 2261, 2268, or 2274; U/L Channel Height 9/16"; 135 Terminal Clip; Heavy sashes use four Balances per sash.



159 Series

Guides with Wings; Bottom Pulley in Guide; Channel measures 5/8" longer than stamp; Stamped number format 22-4; Channel Height 9/16"; 5058 Terminal Clip.



156 Series

Guides without Wings; Channel measures 5/8" longer than stamp; Stamped number format 22-4; Channel Height 9/16"; 135 Terminal Clip.



130 Series

Guides with Wings; Bottom Pulley in Guide; Rivet-Less Channel measures 7/8" longer than stamp; Stamped number format 2020; Channel Height 9/16"; 5058 Terminal Clip.



136 Series

Guides with Wings; Bottom Pulley in Guide; Rivet-Less Channel measures 7/8" longer than stamp; Stamped number format 20-2; Channel Height 9/16"; 5058 Terminal Clip.



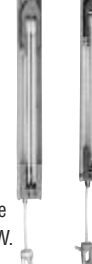
777 Series

Tilt Window; No Guides; Mounts to jamb with Screw; Stamped number; Channel measures same as stamp; Inked number could measure same or 1" longer; Number format 20-B; Channel Height 1/2"; 231 Terminal Clip



779 Series

Tilt Window; No Guides; Mounts to jamb with Flat Hook; Number format 20-B; Channel Height 1/2"; 231 Terminal Clip, 527 SP Short "S" Clip, or 531 SP Long "S" Clip.



NOTE: See Pivot Lock Shoe Cat. No. 62565 on page 520W.

506 Series

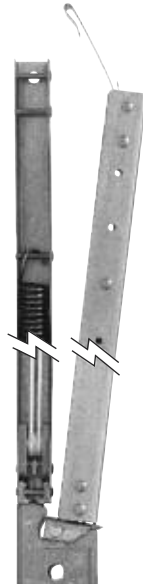
Tilt Window with Jamb Liner; Contour Channel Shape; Channel measures 1" longer than stamp; Number format 22R, 22XH, or 22HD; Top Mounts to Jamb with Flat Hook; Channel Height 9/16"; Terminal Clip 515.



Contour Channel

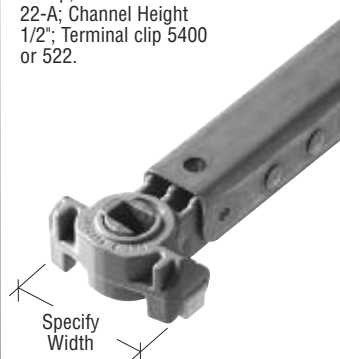
778 Series

Tilt Window with Jamb Liner; May be tandem; No Guides; Channel measures 1" longer than stamp; Mounts to jamb with flat hook; Channel Height 9/16"; Terminal Clip 135, or 615C.



716 Series

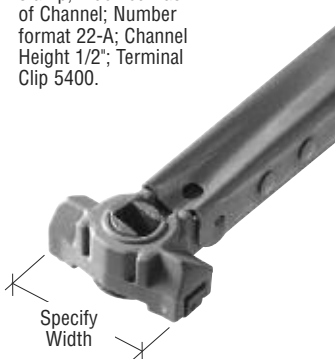
Inverted Balance; Pivot Lock Shoe attached; Channel measures same as stamp; Number format 22-A; Channel Height 1/2"; Terminal clip 5400 or 522.



Specify Width

747 Series

Inverted Balance; Pivot Lock Shoe attached; Channel measures same as stamp; Indented Back of Channel; Number format 22-A; Channel Height 1/2"; Terminal Clip 5400.



Specify Width

CRL Block and Tackle Balance Accessories

The Terminal Clips shown below are the most commonly used with Block and Tackle Balances. Use this page as a reference when ordering special order Balances. With the exception of the stock "FA" (100 series) and "FC" (300 series) Balance types, it is necessary to specify the Terminal Clip type when ordering non-stock Balances.



135 Terminal Clip

Used on 100, 120, 140, and 156 Series



331WM Terminal Clip

Used on 300 Series



231 Terminal Clip

Used on 777 and 779 Series



5058 Terminal Clip

Used on 130, 136, and 159 Series



522 Terminal Clip

Used on 716 and 747 Series



5400 Terminal Clip

Used on 716 and 747 Series



147 Terminal Clip

Used on 100 Series



**515 Terminal Clip
(Specify Color)**

Used on 506 Series



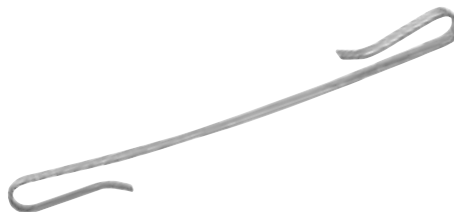
**615C Diecast
Terminal Clip**

Used on 778 Series Tandem Sets



527 SP Short "S" Clip

Used on 506 and 779 Series



531 SP Long "S" Clip

Used on 506 and 779 Series



62565 Pivot Lock Shoe

Used on 777 and 779 Series
with 231 Terminal Clip for Tilt Windows

NOTE: The "Used On" reference shown above represents the most common Balance Series used with these Clips, however there are many exceptions.

The numbers shown above are manufacturer's reference numbers for identification purposes. Only the 135 Terminal Clip (Cat. No. FS250B), the 331WM Terminal Clip (Cat. No. FS253B), and Cat. No. 62565 Pivot Lock Shoe are sold separately.

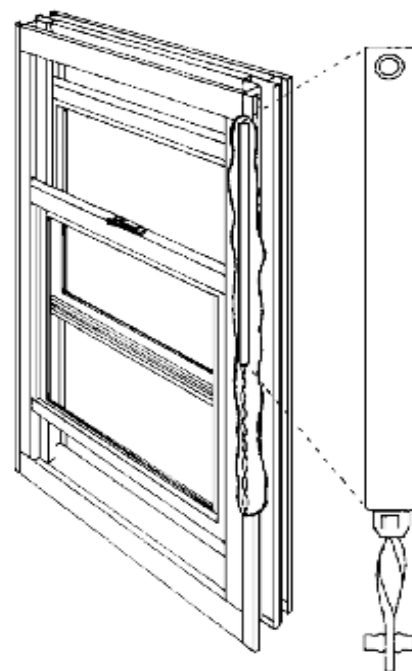
CRL Spiral Sash Balances Removal and Installation Guidelines

Spiral Sash Balances are easy to replace if you follow these simple removal and installation guidelines. You must take care not to damage the accessory parts

(Tilt Latches, Sash Carriers or Pivot Lock Shoes), and always use the appropriate Tensioning Tool when adjusting the spiral rods.

If you notice any of the accessory parts are worn or damaged when you remove the sash, we recommend you replace them at the same time you replace the Sash Balance. This will save you from possibly having to remove the sash again to replace the accessories.

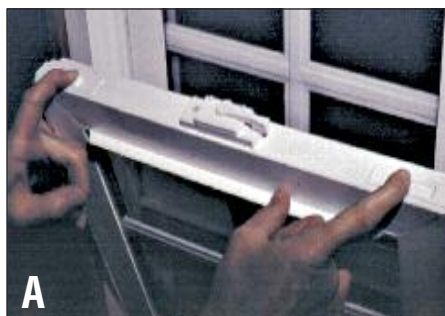
If your window has different accessories than shown on these pages, contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520, and we will locate the right part for your particular need.



Step 1

Tilt Window Sash Removal

- Raise the sash and tilt it inward by retracting the tilt latches.
- Press down on the side of the sash. This will allow for sash removal from the frame.
- Gently remove sash stops and vinyl balance covers when necessary to access the balance top attachment screw.



Step 2a

Tilt Sash Balance Removal

Using the Tilt Balance Tension Tool (Cat. no. H3787 on page 523W), engage the lower pins on the balance rod. Holding the tool firmly from turning, disengage the rod from the Pivot Lock Shoe. Allow the balance rod to unwind releasing the tension within the spring.

NOTE: Count the number of full turns until all of the tension has been released; using the same number of turns will make installation go faster. Remove the retainer screw at the top of the balance tube.



Step 2b

Non-Tilt Window Balance Removal

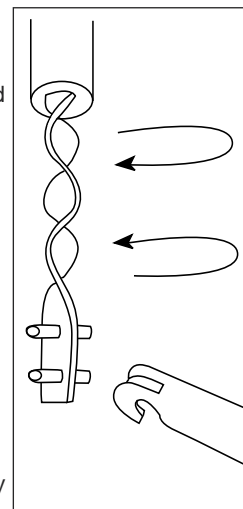
Lift the sash as high as it will travel and block in place to prevent falling. Using a Non-Tilt Balance Tension Tool (Cat. No. H3788 on page 523W), slip the wire hook into the hole in the end of the balance rod. Holding the tool firmly pull down on the rod to disengage from sash. Allow balance rod to unwind as discussed in the Tilt Window instructions, then remove.

Step 3

Balance Installation

Attach new Balance at the top using the original screw. Be careful not to tighten the screw too much to prevent collapsing the tube. Rewind the Balance, always winding both Balances equally to prevent racking of sash. If the sash drops or raises without being physically moved, remove each balance rod individually and add or subtract winds as shown in the diagram to the right.

NOTE: The winding directions shown to the right are for metal tube Balances. Plastic tube Balances are wound in reverse.



CRL 3/8" (10 mm) Spiral Sash Balances

C.R. Laurence stocks a large assortment of Spiral Sash Balances for both Tilt and Non-Tilt Windows. Balances are available in 3/8" (10 mm) diameter tubes with two bushing colors to choose from.

The chart below shows stock CRL 3/8" diameter metal tube Tilt and Non-Tilt type Spiral Sash Balances. These Balances have been made from 11" to 40" (280 to 1016 mm) long. Red and green bushing colors are stocked as indicated; some Balance sizes are also available with white, blue, or yellow bushings by special order.

FM Series Non-Tilt Balances are available in two rod lengths. To determine rod length push the spiral end of the rod into the tube completely to expose the end of the rod at the opposite end of the tube. Measure the length of the spiral rod only; this length will either be 5/8" (16 mm) or 1-5/8" (41 mm) longer than the tube length. Only "Standard Rod" lengths are stocked. Balances with a 1-5/8" (41 mm) longer rod are referred to as "Extended Rod". Most non-stock Balance Sales are available by special order; please call CRL Technical Sales for assistance in choosing the correct replacement Balance. **NOTE:** Some Spiral Sash Balances have a plastic tube instead of metal. Make sure to specify plastic tube and give tube color.

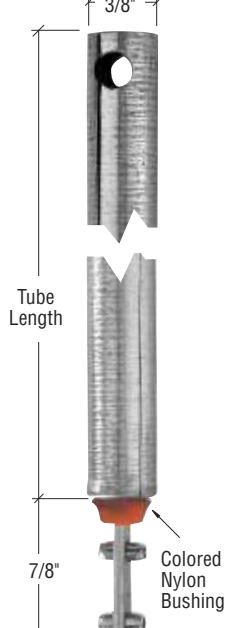


Diagram of FL Series Tilt 3/8" (10 mm) Diameter Balances showing tube length and 7/8" bushing.

FL SERIES TILT 3/8" (10 MM) DIAMETER BALANCES

RED BUSHING CAT. NO.	GREEN BUSHING CAT. NO.	BALANCE TUBE LENGTH INCHES (MM)
FL1820	-	18" (457 mm)
FL1920	-	19" (483 mm)
FL2020	-	20" (508 mm)
FL2120	-	21" (533 mm)
FL2220	-	22" (559 mm)
FL2320	-	23" (584 mm)
FL2420	-	24" (610 mm)
FL2520	-	25" (635 mm)
FL2620	-	26" (660 mm)
FL2720	-	27" (686 mm)
FL2820	FL2840	28" (711 mm)
FL2920	FL2940	29" (737 mm)
FL3020	-	30" (762 mm)
FL3120	FL3140	31" (787 mm)
FL3220	-	32" (813 mm)
-	FL3540	35" (889 mm)
-	FL3640	36" (914 mm)
-	FL3940	39" (991 mm)

Minimum order: 1 pack. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.

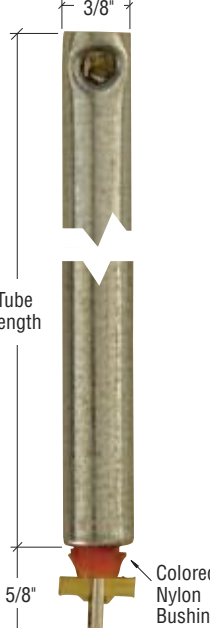


Diagram of FM Series Non-Tilt 3/8" (10 mm) Diameter Balances showing tube length and 5/8" bushing.

FM SERIES NON-TILT 3/8" (10 MM) DIAMETER BALANCES

RED BUSHING CAT. NO.	BALANCE TUBE LENGTH INCHES (MM)
FM1820	18" (457 mm)
FM1920	19" (483 mm)
FM2020	20" (508 mm)
FM2120	21" (533 mm)
FM2220	22" (559 mm)
FM2320	23" (584 mm)
FM2420	24" (610 mm)
FM2520	25" (635 mm)
FM2620	26" (660 mm)
FM2720	27" (686 mm)
FM2820	28" (711 mm)
FM2920	29" (737 mm)
FM3020	30" (762 mm)
FM3120	31" (787 mm)
FM3220	32" (813 mm)

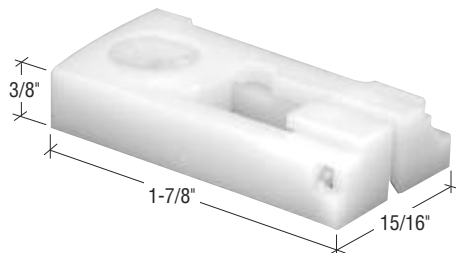
Minimum order: 1 pack. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.

ORDERING INFORMATION

1. Type of Sash Balance; Tilt or Non-Tilt
2. Diameter of tube
3. Length of tube only (do not include spiral rod)
4. Bushing color
5. Rod Length (for Non-Tilt Type)

Even though all Spiral Sash Balances for Tilt and Non-Tilt Windows are packaged and sold individually, it is our recommendation that both Balances in the window be replaced at the same time.

CRL Pivot Lock Shoe

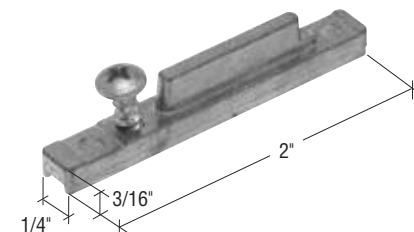


Nylon Pivot Lock Shoe with white bushing designed for FL Series 3/8" (10 mm) diameter Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3786	2
H3786B	25

Minimum order: 1 pack.

CRL Pivot Bar



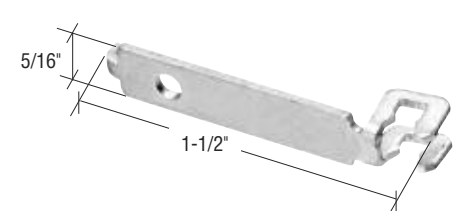
Die cast Pivot Bar works with Nylon Pivot Lock Shoes. Used with FL Series 3/8" (10 mm) diameter Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3897	2
H3897B	25

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Sash Carrier



Stamped steel Sash Carrier for 3/8" (10 mm) diameter Spiral Sash Balances. Used with the FM Series Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3920	2
H3920B	25

Minimum order: 1 pack.

CRL FR Series Spiral Sash Balances

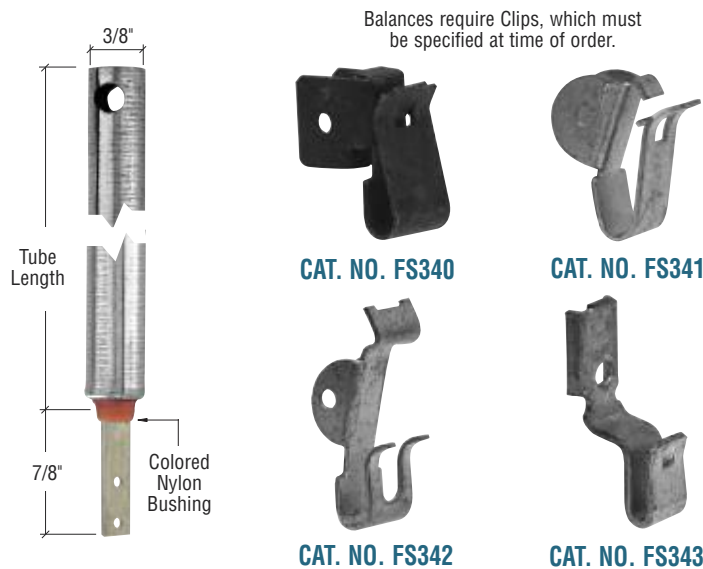
The following C.R. Laurence Spiral Sash Balances are sold with sash carrier hooks pre-installed. These 3/8" (10 mm) Spiral Sash Balances are available in the same common tube lengths as other 3/8" (10 mm) Spiral Balances, and have the same color coded bushings as the FL and FM Series Balances. The chart below shows which FR Balances are stocked and made available for immediate shipment. **NOTE:** FR Balances are not sold without the Clip attached, and are non-returnable once ordered.

The FR Series Non-Tilt Balances are available in two rod lengths. To determine rod length push the spiral end of the rod into the tube completely to expose the end of the rod at the opposite end of the tube. Measure the length of the spiral rod only; this length will either be 5/8" (16 mm, referred to as Standard Rod), or 1-5/8" (41 mm, referred to as Extended Rod). Only Standard Rod lengths are stocked. Non-stock Balance sizes are available by special order. Please contact CRL's Doors and Windows Department for assistance in choosing the correct replacement Balance. **NOTE:** Some Spiral Balances have a plastic tube instead of metal. Make sure to specify plastic tube and give tube color.

ORDERING INFORMATION

1. Determine the Rod length
2. Diameter of tube
3. Length of tube only (do not include spiral rod)
4. Bushing color

Even though all Spiral Sash Balances for Tilt and Non-Tilt Windows are packaged and sold individually, it is our recommendation that both Balances in the window be replaced at the same time.



FR SERIES NON-TILT 3/8" (10 MM) DIAMETER SPIRAL SASH BALANCES

RED BUSHING CAT. NO.	GREEN BUSHING CAT. NO.	BALANCE TUBE LENGTH INCHES (MM)
FR1820	---	18" (457 mm)
FR1920	---	19" (483 mm)
FR2020	---	20" (508 mm)
FR2120	---	21" (533 mm)
FR2220	---	22" (559 mm)
FR2320	---	23" (584 mm)
FR2420	---	24" (610 mm)
FR2520	---	25" (635 mm)
FR2620	---	26" (660 mm)
FR2720	---	27" (686 mm)
FR2820	FR2840	28" (711 mm)
FR2920	FR2940	29" (737 mm)
FR3020	---	30" (762 mm)
---	FR3140	31" (787 mm)
---	FR3540	35" (889 mm)
---	FR3640	36" (914 mm)
---	FR3940	39" (991 mm)

Minimum order: 1 pack. **NOTE:** Series "FR" Balances require factory installed end clips. The End Clips for "FR" Balances shown at left are F.O.B. Los Angeles, CA. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.

CRL Plastic Tube Spiral Balances

- 3/8" and 5/8" Diameters Available
- Special Order Only

CRL now has a special order program for 3/8" and 5/8" (9.5 and 15.9 mm) diameter Spiral Balances made with plastic tubes. Just call our Doors and Windows Department at Ext. 7520, and ask for a quote for Plastic Tube Spiral Balances. Specify tube length and diameter, bushing color or sash weight (see Selection Chart), and tube color. Also, the number of pins and pin length. Typically, there are two pins at 1/4" (6.4 mm) long. 1/2" and 3/4" (13 and 19 mm) pins are also available. Minimum order is two each.



PLASTIC TUBE SPIRAL BALANCE SELECTION CHART

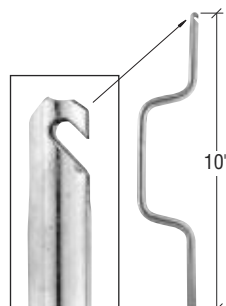
TUBE DIAMETER	BUSHING COLOR	SASH WEIGHT
3/8" (9.5 mm)	White	Up to 18 lbs. (8.2 kg)
3/8" (9.5 mm)	Yellow	18 to 30 lbs. (8.2 to 13.6 kg)
5/8" (15.9 mm)	Red	Up to 30 lbs. (13.6 kg)
5/8" (15.9 mm)	Yellow	30 to 40 lbs. (13.6 to 18.1 kg)

CRL Tilt Balance Tool

This plated steel Tensioning Tool is designed for tilt window Spiral Sash Balances. The Tool grasps the lower pin on the balance rod to give the necessary counter balance adjustment.

CAT. NO.	QTY/PKG
H3787	1

Minimum order: 1 each.

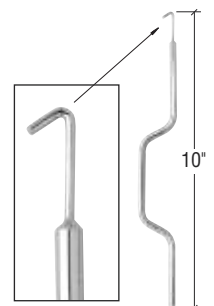


CRL Non-Tilt Balance Tool

This plated steel Tensioning Tool is designed for non-tilt window Spiral Sash Balances. The Tool has a wire hook to grasp the balance rod to easily wind or unwind the rod to give the necessary counter balance adjustments.

CAT. NO.	QTY/PKG
H3788	1

Minimum order: 1 each.



CRL 9/16" (14 mm) Spiral Sash Balances

C.R. Laurence stocks a large assortment of Spiral Sash Balances for both Tilt and Non-Tilt Windows. Available in 9/16" (14 mm) diameter metal tubes with two bushing colors to choose from.

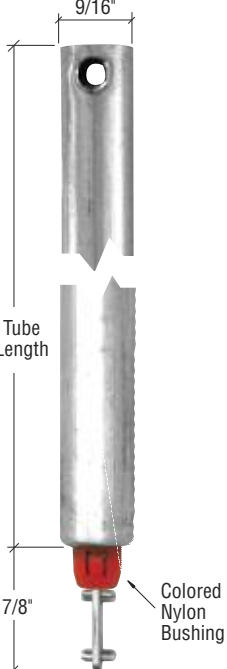
The chart below shows stock CRL 9/16" (14 mm) diameter metal tube Tilt and Non-Tilt type Spiral Sash Balances with optional red or blue bushings. These stock Balances have been made from 10" to 50" (254 to 1270 mm) long. Most non-stock Balance sizes are available by special order. Please contact CRL Technical Sales for assistance in choosing the correct replacement Balance. **NOTE:** Some Spiral Balances have a plastic tube instead of metal. Make sure to specify plastic tube and give tube color.

ORDERING INFORMATION

1. Type of Sash Balance; Tilt or Non-Tilt
2. Diameter of tube
3. Length of tube only (do not include spiral rod)
4. Bushing color
5. Rod Length (for Non-Tilt Type)

Even though all Spiral Sash Balances for Tilt and Non-Tilt Windows are packaged and sold individually, it is our recommendation that both Balances in the window be replaced at the same time.

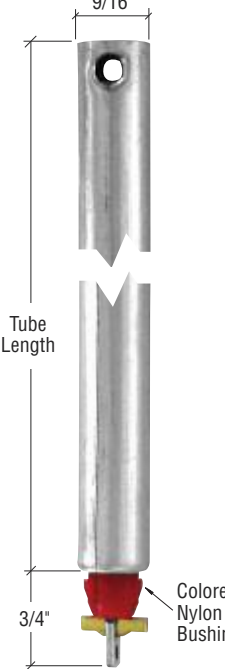
FH SERIES TILT 9/16" (14 MM) DIAMETER SPIRAL BALANCES



RED BUSHING CAT. NO.	BLUE BUSHING CAT. NO.	BALANCE TUBE LENGTHS INCHES (MM)
FH1720	FH1730	17" (432)
FH1820	FH1830	18" (457)
FH1920	FH1930	19" (483)
FH2020	FH2030	20" (508)
FH2120	FH2130	21" (533)
FH2220	FH2230	22" (559)
FH2320	FH2330	23" (584)
FH2420	FH2430	24" (610)
FH2520	FH2530	25" (635)
FH2620	FH2630	26" (660)
FH2720	FH2730	27" (686)
FH2820	FH2830	28" (711)
FH2920	FH2930	29" (737)
FH3020	FH3030	30" (762)
FH3120	FH3130	31" (787)
FH3220	FH3230	32" (813)
FH3320	---	33" (838)
FH3420	---	34" (864)
FH3520	---	35" (889)
FH3620	---	36" (914)
FH3720	---	37" (940)
FH3820	---	38" (965)

Minimum order: 1 pack. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.

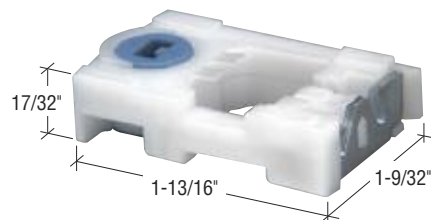
FJ SERIES NON-TILT 9/16" (14 MM) DIAMETER SPIRAL BALANCES



RED BUSHING CAT. NO.	BLUE BUSHING CAT. NO.	BALANCE TUBE LENGTHS INCHES (MM)
FJ1720	FJ1730	17" (432)
FJ1820	FJ1830	18" (457)
FJ1920	FJ1930	19" (483)
FJ2020	FJ2030	20" (508)
FJ2120	FJ2130	21" (533)
FJ2220	FJ2230	22" (559)
FJ2320	FJ2330	23" (584)
FJ2420	FJ2430	24" (610)
FJ2520	FJ2530	25" (635)
FJ2620	FJ2630	26" (660)
FJ2720	FJ2730	27" (686)
FJ2820	FJ2830	28" (711)
FJ2920	FJ2930	29" (737)
FJ3020	FJ3030	30" (762)
FJ3120	FJ3130	31" (787)
FJ3220	FJ3230	32" (813)
FJ3320	---	33" (838)
FJ3420	---	34" (864)
FJ3520	---	35" (889)
FJ3620	---	36" (914)
FJ3720	---	37" (940)
FJ3820	---	38" (965)

Minimum order: 1 pack. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.

CRL Lock Shoe

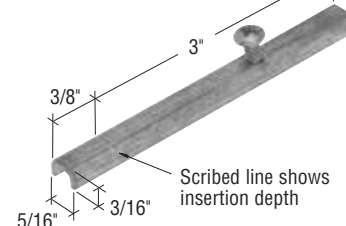


Nylon Pivot Lock Shoe with blue bushing designed for 9/16" (14 mm) diameter FH Series Tilt Window Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3785	2
H3785B	25

Minimum order: 1 pack.

CRL Pivot Bar



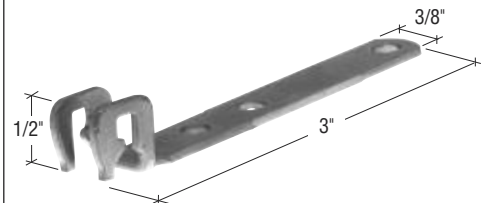
Stamped steel Pivot Bar works with Nylon Pivot Lock Shoes. Commonly used with 9/16" (14 mm) diameter FH Series Tilt Window Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3758	2
H3758B	25

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Sash Carrier



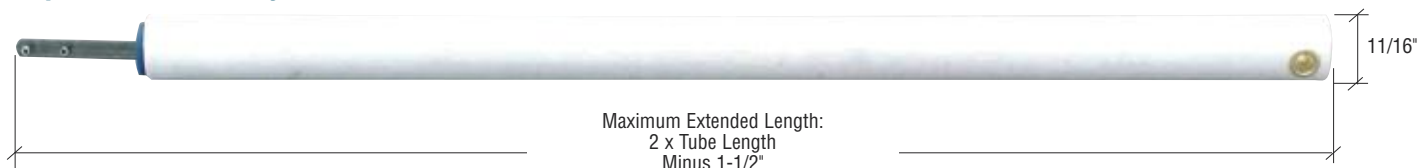
Stamped steel Sash Carrier for 9/16" (14 mm) diameter FJ Series Non-Tilt Spiral Balances shown above.

CAT. NO.	QTY/PKG
H3759	2
H3759B	25

Minimum order: 1 pack.

CRL Lite-Lift Spiral Sash Balances

• Special Order Only



These 11 1/16" Spiral Sash Balances are excellent for heavier commercial and institutional windows. Lite-Lift Balances will counter balance windows from 20 to 80 pounds (9 to 36 kg), and have a unique counter-balance spring design, which lifts 70% of the sash weight as compared to AAMA's 40% recommended minimum. Designed for either Tilt or Non-Tilt Windows, Lite-Lift Balances are custom made per order.

Lite-Lift Balances are field tensioned like our other Spiral Balances once they have been installed, and have an adjustability of ± 2 pounds (1 kg). Lite-Lift Balances come with a plastic tube in one of four colors (white, gray, brown or black). Available tube lengths are 12" to 54" (305 to 1372 mm).

ORDERING INFORMATION

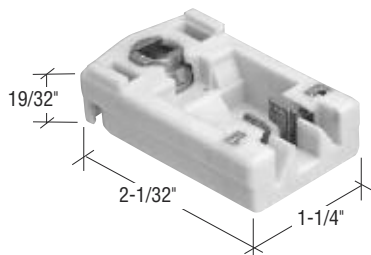
Specify the following when you request a price quote:

1. Type of Window (Tilt or Non-Tilt)
2. Tube Length
3. Bushing Color or Sash Weight
4. Tube Color

MODEL	BUSHING COLOR	WEIGHT RANGE POUNDS (KG)
LL20	Red Bushing	20 - 29.5 (9 - 13.4)
LL30	Blue Bushing	30 - 39.5 (13.5 - 17.9)
LL40	Black Bushing	40 - 49.5 (18 - 22.5)
LL50	White Bushing	50 - 59.5 (22.6 - 27)
LL60	Yellow Bushing	60 - 69.6 (27.1 - 31.5)
LL70	Brown Bushing	70 - 79.5 (31.7 - 36)

Available on special order only. Contact Technical Sales for additional product details or to request a quote.

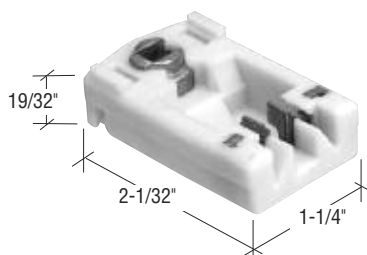
CRL Pivot Lock Shoe



Nylon Pivot Lock Shoe with die cast cam. Rear locking pad is ideal for aluminum framed windows. Minimum order is one each.

CAT. NO. LLS1

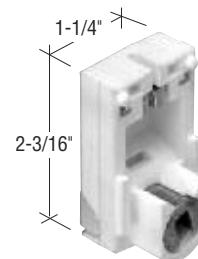
CRL Pivot Lock Shoe



Nylon Pivot Lock Shoe with die cast cam. Side locking pads are ideal for vinyl framed windows. Minimum order is one each.

CAT. NO. LLS2

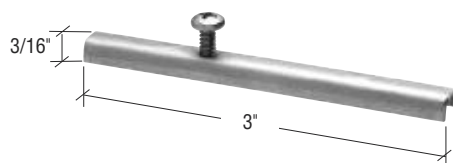
CRL Pivot Lock Shoe



Nylon Pivot Lock Shoe with die cast cam and a rear locking pad. Minimum order is one each.

CAT. NO. LLS3

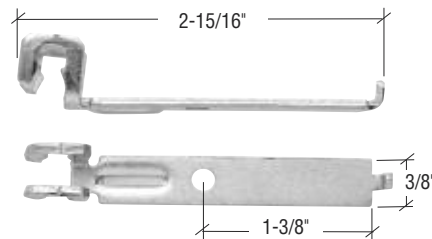
CRL Pivot Bar



Made from heavy gauge stamped stainless steel, this Pivot Bar is designed to support the heavier sash weights associated with windows which use the Lite-Lift Spiral Balances. Minimum order is one each.

CAT. NO. LLS4

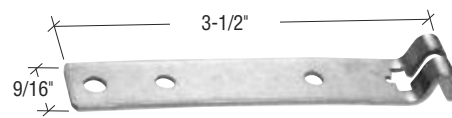
CRL Spiral Balance Foot



Stamped steel Spiral Balance Foot for wood framed windows. Minimum order is one each.

CAT. NO. LLS5

CRL Spiral Balance Foot

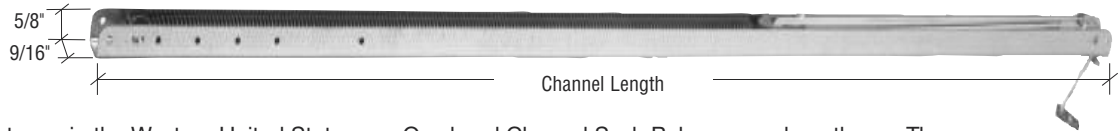


Stamped stainless steel Spiral Balance Foot for heavy-duty CRL Lite-Lift Spiral Balances. Minimum order is one each.

CAT. NO. LLS6

CRL Overhead Channel Sash Balances

- Nylon Guides Not Required



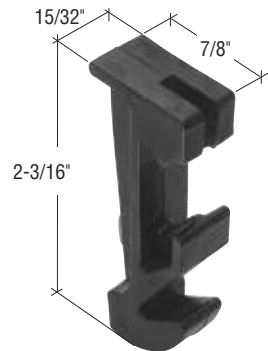
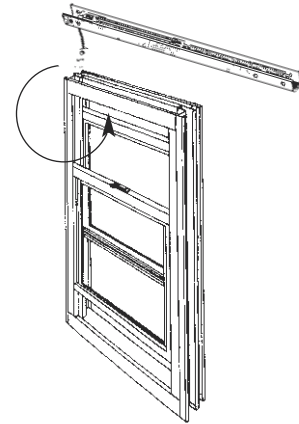
Several window manufacturers in the Western United States use Overhead Channel Sash Balances such as these. These Balances have a three-digit number stamped into the back of the channel to identify the balance size and spring counter balance strength.

CRL has a selection of replacement Overhead Channel Sash Balances that are compatible with this type of window. Our stock Balances come with a flat steel Terminal Clip on the cord. These clips may also be ordered separately (see below). Other Terminal Clips are available by special order.

NOTE: Not all windows require two Balances per sash. Many window manufacturers hide their Overhead Balances in a separate cover channel that matches the window jamb. It will be necessary to remove this channel and any rivets holding the Balance in order to remove the Balance and expose the identification number on the back.

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FC111	111	12-3/4" (324)	4 - 7 (1.8 - 3.2)
FC112	112	12-3/4" (324)	7 - 11 (3.2 - 5.0)
FC121	121	15-1/4" (387)	4 - 8 (1.8 - 3.6)
FC122	122	15-1/4" (387)	8 - 12 (3.6 - 5.4)
FC151	151	19-1/4" (489)	5 - 9 (2.3 - 4.1)
FC152	152	19-1/4" (489)	9 - 13 (4.1 - 5.9)
FC153	153	19-1/4" (489)	13 - 16 (5.9 - 7.2)
FC162	162	23-1/4" (591)	9 - 14 (4.1 - 6.3)
FC163	163	23-1/4" (591)	14 - 20 (6.3 - 9.1)
FC183	183	27-1/4" (692)	17 - 22 (7.7 - 10.0)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

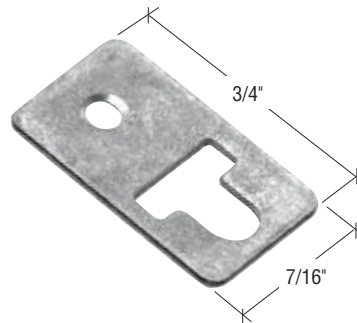


CRL Lift Hook

Black nylon replacement Lift Hook for use with Overhead Channel Balances.

CAT. NO.	QTY/PKG
H3904	2

Minimum order: 1 pack.



CRL Terminal Clip

Stamped steel Terminal Clip popular on many Overhead Channel Balances.

CAT. NO.	QTY/PKG
FS253B	100

Minimum order: 1 pack.

CRL 5-to-1 Heavy-Duty Overhead Sash Balances

- Galvanized Steel Channel



CRL 5-to-1 Heavy-Duty Overhead Sash Balances were originally designed with steel cable and a round hook. Today they are available only with nylon cord and a flat steel hook. Always specify the balance number stamped into the back of the channel, and whether there is one spring or two.

NOTE: Heavy-Duty Balances are supplied with either one or two springs. If the letter "D" follows the number stamped on the Balance, it denotes a double spring.

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FD153	153	19-3/4" (502)	8 - 16 (3.6 - 7.2)
FD153D	153-D	19-3/4" (502)	16 - 28 (7.2 - 12.7)
FD163	163	23-3/4" (603)	10 - 18 (4.5 - 8.2)
FD163D	163-D	23-3/4" (603)	18 - 32 (8.2 - 14.5)
FD183	183	28-1/4" (718)	10 - 16 (4.5 - 7.2)
FD183D	183-D	28-1/4" (718)	16 - 34 (7.2 - 15.4)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

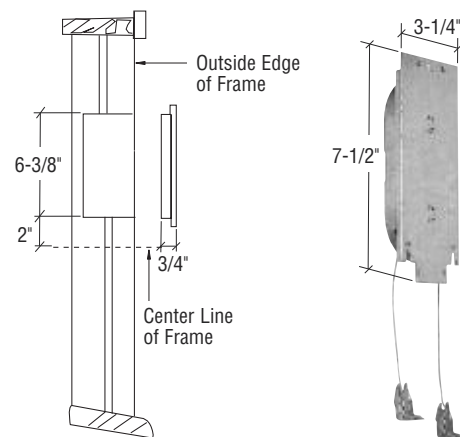
CRL Wood Window Sash Balances

• Replacement for Duplex®, Superior, Preset, and Fabco Balances

Stamped steel casing with steel cable lifters. Each balance has the counter balance strength stamped into the casing face; match this to the weight range chart at the right. Each cable is designed to extend 40" (1016 mm). Mortise slot cutout dimensions and slot location shown in the diagram to the right.

CAT. NO.	CAPACITY POUNDS (KG)	QTY/PKG
H3577	4.5 (2.0)	1
H3578	6 (2.7)	1
H3579	8 (3.6)	1
H3580	10 (4.5)	1
H3630	12 (5.4)	1
H3834	14 (6.4)	1
H3835	16 (7.3)	1

Minimum order: 1 pack. NOTE: Always make sure you have the correct weight. Never exceed the rated weight capacity.



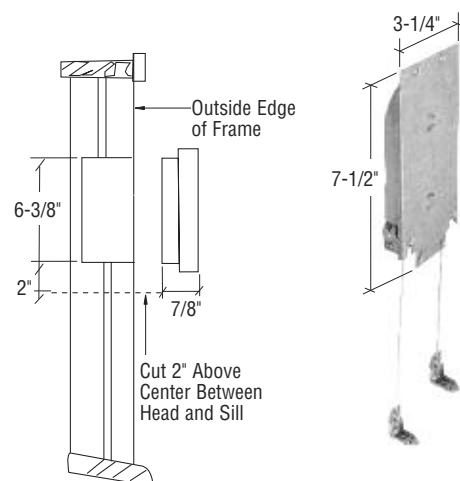
CRL Adjustable Wood Sash Balances

• Cables are Independently Adjustable

Stamped steel casing with steel cable lifters. Balance has a stamped number on the face of the casing; match this number to the chart below. Each cable is individually adjustable by means of turning a slotted bushing on the face of the casing. Cables are designed to extend 40" (1016 mm). Mortise slot cutout dimensions and slot location shown in the diagram to the right.

CAT. NO.	STAMPED NUMBER	ONE SIDE ONLY CAPACITY POUNDS (KG)	BOTH SIDES CAPACITY POUNDS (KG)	QTY/PKG
H3867	1	4-8 (2.0 - 3.6)	8-16 (3.6 - 7.3)	1
H3868	2	8-12 (3.6 - 5.4)	16-24 (7.3 - 10.9)	1
H3869	4	12-18 (5.4 - 8.2)	24-36 (10.9 - 16.3)	1
H3870	5	18-24 (8.2 - 10.9)	36-48 (16.3 - 21.8)	1

Minimum order: 1 pack. NOTE: Always make sure you have the correct weight. Never exceed the rated weight capacity.



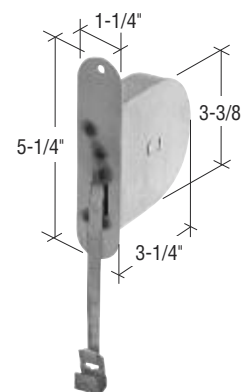
CRL Tape Sash Balances

The CRL Tape Sash Balance is a popular method for the replacement of Rope and Pulley Balance systems. Simply mortise the Balance into the jamb and attach the tape to the sash. The standard tape length will accommodate a sash up to 40" (1016 mm) tall. The capacity chart to the right shows the sash weight for one balance, double this figure when two balances (one each side) are used.

CAT. NO.	CAPACITY POUNDS (KG)	QTY/PKG
H3871	4.5 (2.0)	2
H3872	6 (2.7)	2
H3873	8 (3.6)	2
H3874	10 (4.5)	2
H3875	12 (5.4)	2
H3876	14 (6.4)	2
H3877	16 (7.3)	2

Minimum order: 1 pack. NOTE: Always make sure you have the correct weight. Never exceed the rated weight capacity.

• Replaces Rope and Pulley Balances



CRL Wood Sash Pulleys

The CRL Wood Sash Pulley has a cast aluminum housing with a grooved steel ball bearing pulley for smooth and quiet operation. All sizes have an aluminum finished faceplate.

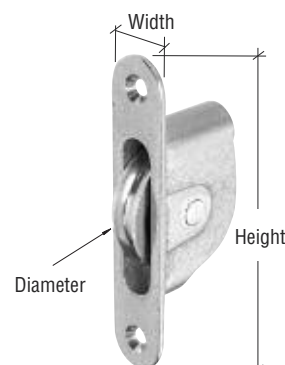
CAT. NO.	FACEPLATE SIZE (WIDTH X HEIGHT)	WHEEL DIAMETER	MAX. SASH WEIGHT POUNDS (KG)	QTY/PKG
BL571A	1-3/16" x 6-7/16" (30 x 164 mm)	3" (76 mm)	200 (90)	1
BL571B	1-3/16" x 5-1/2" (30 x 140 mm)	2-1/2" (63 mm)	50 (23)	1
BL571D	1-1/16" x 4-15/16" (27 x 125 mm)	2-1/4" (57 mm)	40 (18)	1
BL571E	1" x 4-5/8" (25 x 117 mm)	2" (51 mm)	20 (9)	1

Minimum order: 1 pack. NOTE: Always make sure you have the correct weight. Never exceed the rated weight capacity.

Duplex is a registered trademark of Paramount Acme Duplex, Inc.

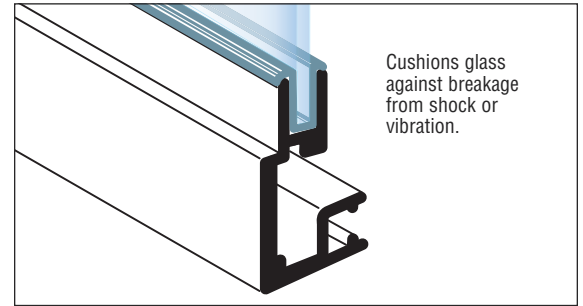
All Sash Balances can be combined for quantity pricing.

• Ball Bearing Pulley Wheel for Quiet Operation



CRL Glazing Vinyl

- For Repairing, Re-Glazing or Fabricating Sliding Windows, Shower Doors, Insulating Glass Adapter Channels, Showcase Frames, and Storm Windows



Repair, re-glaze or fabricate windows with this 100% extruded virgin vinyl. It comes in a large variety of sizes to accommodate glass from 1/16" (1.6 mm) to 1" (25.4 mm) thick. Use CRL Glazing Vinyl in sliding windows, storm window panels, shower doors, showcase frames, and our Insulating Glass Adapter Channels.

100 and 150 foot (30.5 and 45.7 m) rolls are convenient for the job site. Our 750 and 1,000 foot (229 and 305 m) bulk rolls give fabricators the best economy. All CRL Glazing Vinyl is gray color unless otherwise indicated on these pages. Custom colors can be supplied on special order in minimum quantities of 10,000 feet (3,048 m).

CRL Glazing Vinyl for 3/32" (2 mm) Single Strength Glass



Channel Depth
13/64" (5.2 mm)
Metal Opening
9/64" to 11/64"
(3.6 to 4.4 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC115C	Gray	100' (30.5 m)
GC115M	Gray	1000' (305 m)

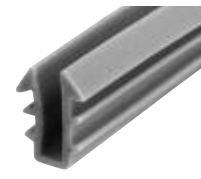
Minimum order: 1 roll.



Channel Depth
9/32" (7.1 mm)
Metal Opening
5/32" to 3/16"
(4.0 to 4.8 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC195C	Gray	100' (30.5 m)
GC195M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
15/64" (6.0 mm)
Metal Opening
5/32" to 1/4"
(4.0 to 6.3 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC460C	Gray	100' (30.5 m)
GC460M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
19/64" (7.5 mm)
Metal Opening
15/64" to 9/32"
(6.0 to 7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC673C	Gray	100' (30.5 m)
GC673M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
17/64" (6.7 mm)
Metal Opening
3/16" to 1/4"
(4.8 to 6.4 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC723C	Gray	100' (30.5 m)
GC723M	Gray	1000' (305 m)

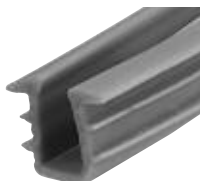
Minimum order: 1 roll.



Channel Depth
17/32" (13.5 mm)
Metal Opening
7/32" (5.6 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC726C	Gray	100' (30.5 m)
GC726M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
1/8" (3.2 mm)
Metal Opening
1/8" (3.2 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC800C	Gray	100' (30.5 m)
GC800M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
11/32" (8.7 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D754C	Gray	100' (30.5 m)
D754M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
1/4" (6.4 mm)
Metal Opening
5/32" to 1/4"
(4.0 to 6.4 mm)

NOTE: Back is machine slit every 5/8" (16 mm) for fast, easy, consistent corner forming.

CAT. NO.	COLOR	ROLL LENGTH
3800180	Black	750' (229 m)

Minimum order: 1 roll.

All sizes of Glazing Vinyl can be combined for quantity pricing.

CRL Glazing Vinyl for 1/8" (3 mm) Double Strength Glass



Channel Depth
9/32" (7.1 mm)
Metal Opening
1/4" to 19/64"
(6.3 to 7.5 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC722C	Gray	100' (30.5 m)
GC722M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
15/64" (6.0 mm)
Metal Opening
7/32" to 15/64"
(5.6 to 6.0 mm)

Also for use with
Cat. No. F2637
Window Frame.

CAT. NO.	COLOR	ROLL LENGTH
GC724C	Gray	100' (30.5 m)
GC724M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
1/4" (6.4 mm)
Metal Opening
7/32" to 15/64"
(5.6 to 6.0 mm)

Back is machine slit every 5/8" (16 mm) for fast, easy, consistent corner forming.

CAT. NO.	COLOR	ROLL LENGTH
3800210	Black	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
13/32" (10.3 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D753C	Gray	100' (30.5 m)
D753M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
1/2" (12.7 mm)
Metal Opening
9/64" to 11/64"
(3.6 to 4.4 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC725C	Gray	100' (30.5 m)
GC725M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
15/32" (12 mm)
Metal Opening
1/2" (12.7 mm)

Reduces 1/2" insulating glass to DS glass. Back is machine slit every 5/8" (16 mm) for fast, easy, consistent corner forming.

CAT. NO.	COLOR	ROLL LENGTH
3800078	Black	150' (45.7 m)

Minimum order: 1 roll.

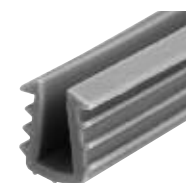
CRL Glazing Vinyl for 3/16" (5 mm) and 7/32" (5.5 mm) Glass



Channel Depth
3/8" (9.5 mm)
Metal Opening
11/32" to 3/8"
(8.7 to 9.5 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC727C	Gray	100' (30.5 m)
GC727M	Gray	1000' (305 m)

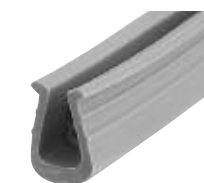
Minimum order: 1 roll.



Channel Depth
11/32" (8.7 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D752C	Gray	100' (30.5 m)
D752M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
11/32" (8.7 mm)
Metal Opening
5/16" (7.9 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC728C	Gray	100' (30.5 m)
GC728M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
3/8" (9.5 mm)
Metal Opening
19/64" (7.5 mm)

CAT. NO.	COLOR	ROLL LENGTH
SDV732C	Gray	100' (30.5 m)
SDV732M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
5/16" (7.9 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D749C	Gray	100' (30.5 m)
D749M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
15/32" (12 mm)
Metal Opening
3/4" (19 mm)

Reduces 3/4" insulating glass to 3/16" (5 mm) glass. Unique webbed profile will compress to 5/8" (16 mm) openings.

CAT. NO.	COLOR	ROLL LENGTH
3800908	Black	250' (76.2 m)

Minimum order: 1 roll.

All sizes of Glazing Vinyl can be combined for quantity pricing.

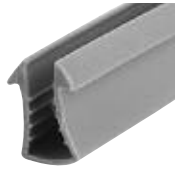
CRL Glazing Vinyl for 1/4" (6 mm) Glass



Channel Depth
9/16" (14.3 mm)
Metal Opening
11/32" (8.7 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC729C	Gray	100' (30.5 m)
GC729M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
3/8" (9.5 mm)
Metal Opening
19/64" (7.5 mm)

CAT. NO.	COLOR	ROLL LENGTH
SDV734C	Gray	100' (30.5 m)
SDV734M	Gray	1000' (305 m)

Minimum order: 1 roll.

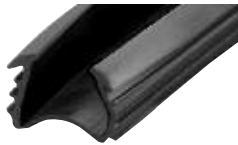


Channel Depth
1/4" (6.3 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D751C	Gray	100' (30.5 m)
D751M	Gray	1000' (305 m)

Minimum order: 1 roll.

CRL Glazing Vinyl for Thick Glass and Insulating Glass Units



Channel Depth
7/16" (11.1 mm)
Metal Opening
5/8" (15.9 mm)

Holds 1/2" (12 mm) glass or insulating glass units in our Insulating Glass Adapter (see page 838W).

CAT. NO.	COLOR	ROLL LENGTH
WV3866	Black	100' (30.5 m)

Minimum order: 100 feet.



Channel Depth
7/16" (11.1 mm)
Metal Opening
3/4" (19 mm)

Holds 5/8" (16 mm) glass or insulating glass units.

CAT. NO.	COLOR	ROLL LENGTH
WV3865	Black	100' (30.5 m)

Minimum order: 100 feet.



Channel Depth
7/16" (11.1 mm)
Metal Opening
7/8" (22.2 mm)

Holds 3/4" (19 mm) glass or insulating glass units in our Insulating Glass Adapter (see pages 837W and 839W).

CAT. NO.	COLOR	ROLL LENGTH
PDV3867	Black	100' (30.5 m)

Minimum order: 100 feet.



Channel Depth
7/16" (11.1 mm)
Metal Opening
1" (25.4 mm)

Holds 7/8" (22 mm) glass or insulating glass units in our Insulating Glass Adapter (see page 840W).

CAT. NO.	COLOR	ROLL LENGTH
WV3868	Black	100' (30.5 m)

Minimum order: 100 feet.



Channel Depth
7/16" (11.1 mm)
Metal Opening
1-1/8" (28.6 mm)

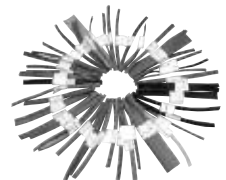
Holds 1" (25.4 mm) glass or insulating glass units.

CAT. NO.	COLOR	ROLL LENGTH
WV3869	Black	100' (30.5 m)

Minimum order: 100 feet.

CRL Vinyl Sample Chain

- An Easy Way to Choose the Correct Vinyl for Every Job



This handy Sample Chain has a small piece of each CRL Glazing Vinyl, Channel, and Spline. Each item is tagged with the catalog number for easy ordering. Minimum order is one each.

CAT. NO. VSC50

CRL Track Vinyl



Channel Depth
7/32" (5.6 mm)
Metal Opening
5/16" (7.9 mm)

Holds 3/16" to 1/4" (5 to 6 mm) glass securely in D610, LK610, KK610, and MC610 H-Bar used in sliding track assemblies.

CAT. NO.	COLOR	ROLL LENGTH
DV765C	Gray	100' (30.5 m)
DV765M	Gray	1000' (305 m)

Minimum order: 1 roll.

CRL Track Vinyl



Channel Depth
13/32" (10.3 mm)
Metal Opening
11/32" (8.7 mm)

Holds 3/16" (5 mm) glass securely in DV146 H-Bar used in sliding track assemblies.

CAT. NO.	COLOR	ROLL LENGTH
DV144C	Gray	100' (30.5 m)
DV144M	Gray	1000' (305 m)

Minimum order: 1 roll.

CRL Semi-Rigid Vinyl



Channel Depth
3/8" (9.5 mm)
Metal Opening
5/16" (7.9 mm)

Holds 1/4" (6 mm) glass securely in Aluminum Showcase Frame Extrusion.

CAT. NO.	COLOR	STOCK LENGTH
D781S	Silver	12'2" (3.7 m)
D781G	Gold	12'2" (3.7 m)
D781FB	Flat Black	12'2" (3.7 m)

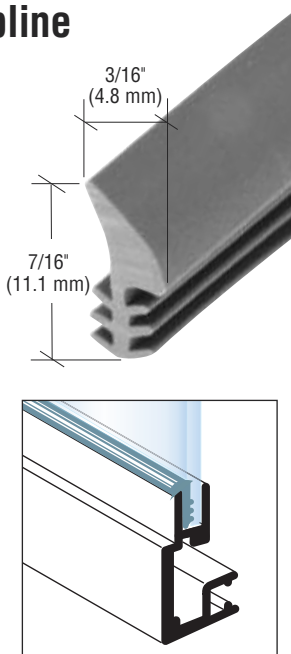
Minimum order: 1 stock length. Packing Charge added to orders of fewer than 10 lengths. Stock lengths must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

All sizes of Glazing Vinyl can be combined for quantity pricing.

CRL Universal Glazing Spline

- Fits 90-95% of All Spline-Type Aluminum Windows
- Eliminates the Need to Stock Many Different Sizes
- Available in Gray and Black

CRL Universal Glazing Spline will fit in 90 to 95% of all spline type aluminum window applications. When you have this spline on hand you don't need to carry many different sizes of glazing spline because this has so many uses. Made of 100% extruded virgin vinyl, and available in two colors.



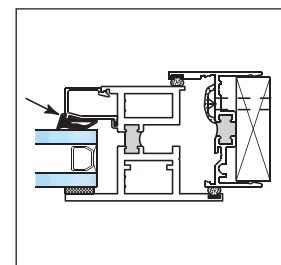
CAT. NO.	COLOR	ROLL LENGTH
GS301C	Gray	100' (30.5 m)
GS301M	Gray	1000' (305 m)
GS301BLC	Black	100' (30.5 m)
GS301BLM	Black	1000' (305 m)

Minimum order: 1 roll.

CRL Glazing Spline

- Fits 7200, 7300, and 7400 Series U.S. Aluminum Windows
- For 1" (25 mm) Glazing

This CRL Glazing Spline fits into the interior glazing stop on U.S. Aluminum 7200, 7300, and 7400 Series Windows. Economical 300 foot (91.4 m) rolls.

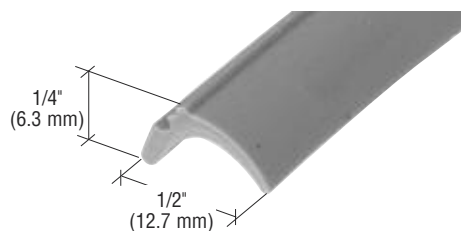


CAT. NO.	COLOR	ROLL LENGTH
WH34400300	Black	300' (91.4 m)

Minimum order: 1 roll.

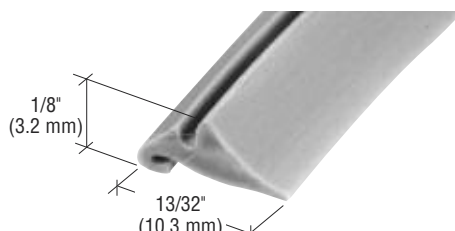
CRL Glazing Spline

Made of 100% virgin extruded gray vinyl. Handy 100 foot (30.5 m) rolls for the job site. Fabricators find our 1000 foot (305 m) rolls the economical choice.



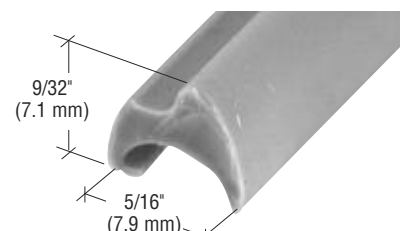
CAT. NO.	COLOR	ROLL LENGTH
GS111C	Gray	100' (30.5 m)
GS111M	Gray	1000' (305 m)

Minimum order: 1 roll.



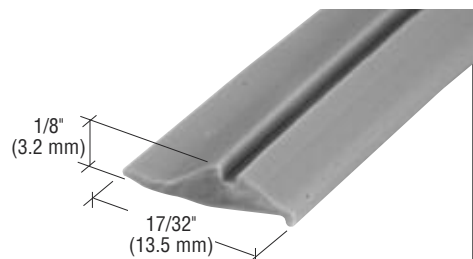
CAT. NO.	COLOR	ROLL LENGTH
GS112C	Gray	100' (30.5 m)
GS112M	Gray	1000' (305 m)

Minimum order: 1 roll.



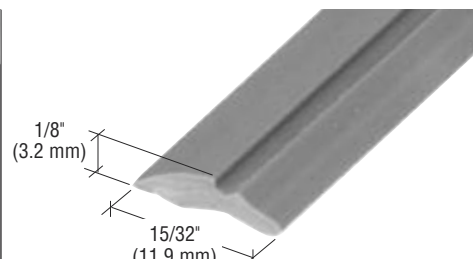
CAT. NO.	COLOR	ROLL LENGTH
GS118C	Gray	100' (30.5 m)
GS118M	Gray	1000' (305 m)

Minimum order: 1 roll.



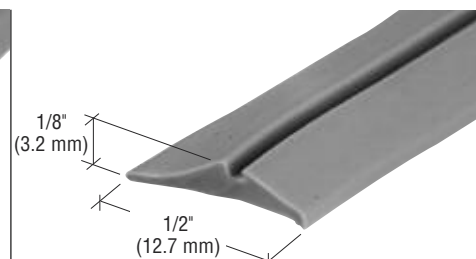
CAT. NO.	COLOR	ROLL LENGTH
GS231C	Gray	100' (30.5 m)
GS231M	Gray	1000' (305 m)

Minimum order: 1 roll.



CAT. NO.	COLOR	ROLL LENGTH
GS232C	Gray	100' (30.5 m)
GS232M	Gray	1000' (305 m)

Minimum order: 1 roll.



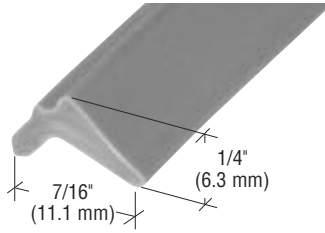
CAT. NO.	COLOR	ROLL LENGTH
GS233C	Gray	100' (30.5 m)
GS233M	Gray	1000' (305 m)

Minimum order: 1 roll.

All sizes of Glazing Spline can be combined for quantity pricing.

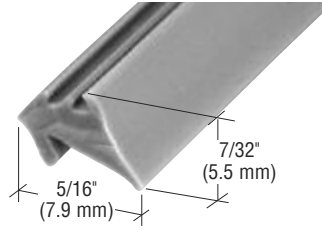
CRL Glazing Spline

Made of 100% virgin extruded gray vinyl. Handy 100 foot (30.5 m) rolls for the job site. Fabricators find our 1000 foot (305 m) rolls the economical choice. All sizes of Glazing Spline can be combined for quantity pricing.



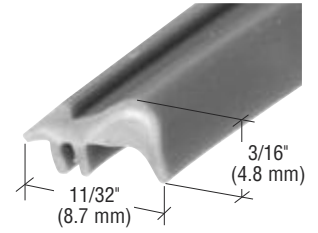
CAT. NO.	COLOR	ROLL LENGTH
GS316C	Gray	100' (30.5 m)
GS316M	Gray	1000' (305 m)

Minimum order: 1 roll.



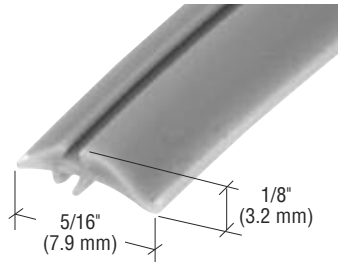
CAT. NO.	COLOR	ROLL LENGTH
GS476C	Gray	100' (30.5 m)
GS476M	Gray	1000' (305 m)

Minimum order: 1 roll.



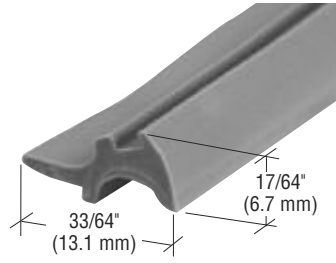
CAT. NO.	COLOR	ROLL LENGTH
GS478C	Gray	100' (30.5 m)
GS478M	Gray	1000' (305 m)

Minimum order: 1 roll.



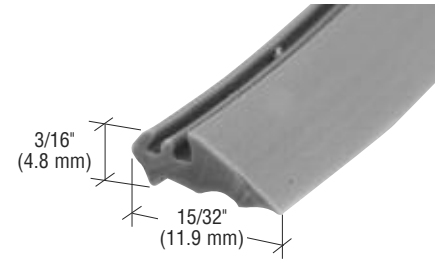
CAT. NO.	COLOR	ROLL LENGTH
GS678C	Gray	100' (30.5 m)
GS678M	Gray	1000' (305 m)

Minimum order: 1 roll.



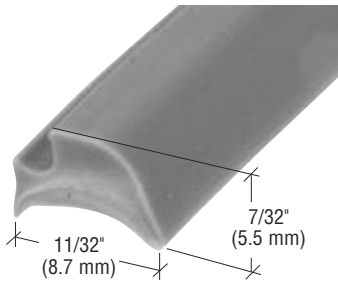
CAT. NO.	COLOR	ROLL LENGTH
GS708C	Gray	100' (30.5 m)
GS708M	Gray	1000' (305 m)

Minimum order: 1 roll.



CAT. NO.	COLOR	ROLL LENGTH
GS765C	Gray	100' (30.5 m)
GS765M	Gray	1000' (305 m)

Minimum order: 1 roll.



CAT. NO.	COLOR	ROLL LENGTH
GS766C	Gray	100' (30.5 m)
GS766M	Gray	1000' (305 m)

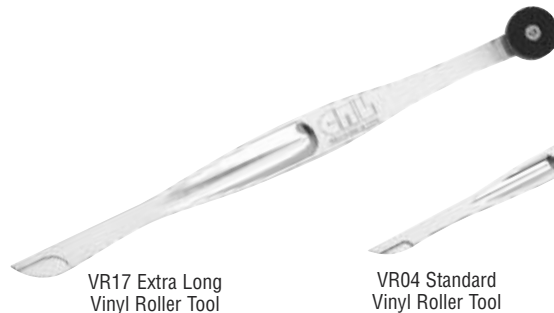
Minimum order: 1 roll.

CRL Vinyls

Unless specified otherwise, all CRL Glazing Vinyls are gray color. Other vinyl colors or shapes are available on special order in minimum quantities of 10,000 feet (3,048 m). Contact CRL Technical Sales for a price quote on any of your vinyl needs.

CRL Vinyl Roller Tools

- Knurl Diamond Grip and a Ball Bearing Wheel



VR17 Extra Long Vinyl Roller Tool



VR04 Standard Vinyl Roller Tool



VR10 Blue Handle Vinyl Roller Tool

CRL Vinyl Roller Tools aid in the insertion of Glazing Vinyls and Gaskets in window assemblies and heavy aluminum base shoe. Choose from three models, including our extra long Cat. No. VR17 with the two-handed grip.

CAT. NO.	DESCRIPTION
VR17	Extra Long 17" (432 mm) Vinyl Roller
VR04	Standard 11" (279 mm) Vinyl Roller
VR10	Blue Handle 11" (279 mm) Vinyl Roller

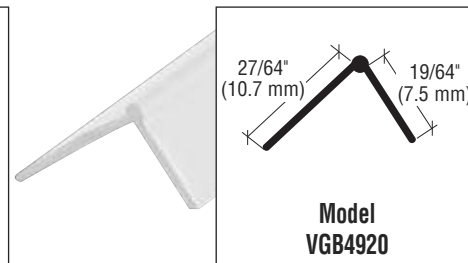
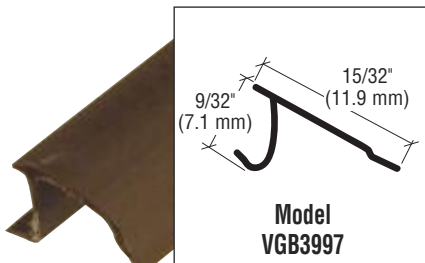
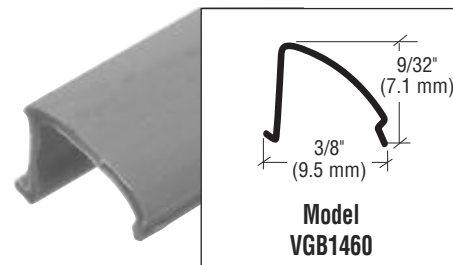
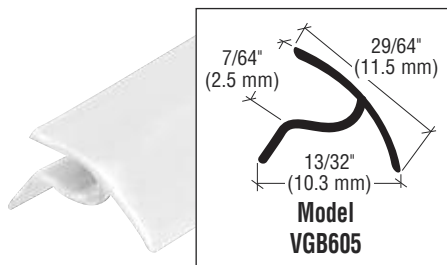
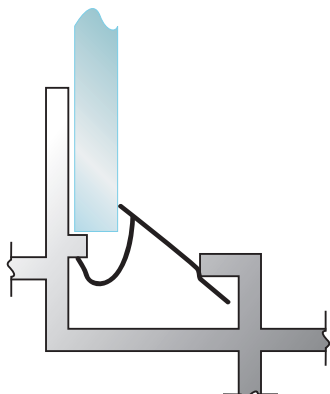
Minimum order: 1 each.

CRL SNAP-IN GLAZING BEAD

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Snap-In Vinyl Glazing Bead

- Available in Three Colors: White, Gray, and Bronze
- Simple Snap-In Installation
- Leaves a Neat, Clean Sight Line



CRL Snap-In Vinyl Glazing Bead is used on aluminum windows between the glass and outer channel. When glazing bead is "snapped-in", all that remains visible is a neat "bead" that leaves the window with a clean sight line. It is available in white, gray, and bronze. Packed 20 lengths per box.

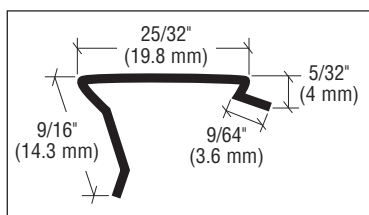
WHITE CAT. NO.	GRAY CAT. NO.	BRONZE CAT. NO.	LENGTH
VGB605W	VGB605GRY	VGB605BRZ	72" (1.8 m)
VGB1460W	VGB1460GRY	VGB1460BRZ	72" (1.8 m)
VGB3997W	VGB3997GRY	VGB3997BRZ	72" (1.8 m)
VGB4920W	VGB4920GRY	VGB4920BRZ	72" (1.8 m)

Minimum order: 20 each of one color and shape. Must be ordered in increments of 20. All Glazing Bead can be combined for quantity pricing.

CRL 3/4" Snap-In Aluminum Glazing Bead



CRL's 3/4" Snap-In Aluminum Glazing Bead is used on aluminum windows between the glass and outer channel.



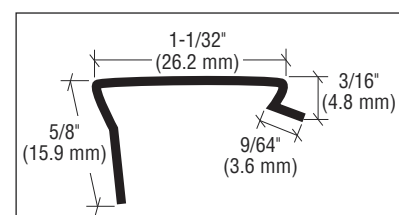
CAT. NO.	FINISH	LENGTH
GB750BRZ	Bronze	12' (3.6 m)
GB750M	Mill	12' (3.6 m)
GB750W	White	12' (3.6 m)

Minimum order: 1 stock length.

CRL 1" Snap-In Aluminum Glazing Bead



CRL's 1" Snap-In Aluminum Glazing Bead is used on aluminum windows between the glass and outer channel.



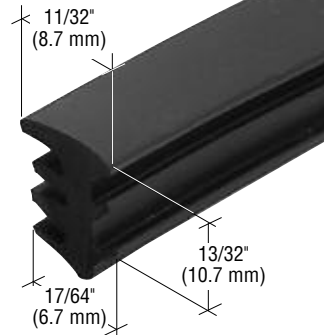
CAT. NO.	FINISH	LENGTH
GB1000M	Mill	12' (3.6 m)
GB1000W	White	12' (3.6 m)

Minimum order: 1 stock length.

Finishes can be combined for quantity pricing. Packing Charge added to orders of fewer than 10 combined stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Universal Roll-In Vinyl

- Non-Stretch Black Vinyl Fits Most Pocket Storefront Systems



CRL Universal Roll-In Storefront Vinyl is a non-stretch black poly vinyl chloride which was developed to work in most storefront pocket glazed extrusions. The security legs were designed to grip tightly in many different manufacturer's extrusions, allowing the glass shop to stock only one vinyl. Even though this Vinyl will fit most applications, we suggest that the user test for his particular need. For easy installation we recommend our Vinyl Roller Tools (see page 532W).

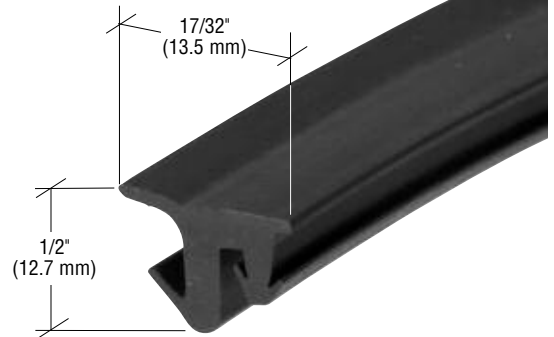
CAT. NO.	ROLL LENGTH
SFV335C	100' (30.5 m)
SFV335M	1000' (305 m)

Minimum order: 1 roll.

CRL Universal Storefront Gasket

- Black EPDM Top Load Gasket
- For 1/4" and 1" (6 and 25 mm) Glazing

new

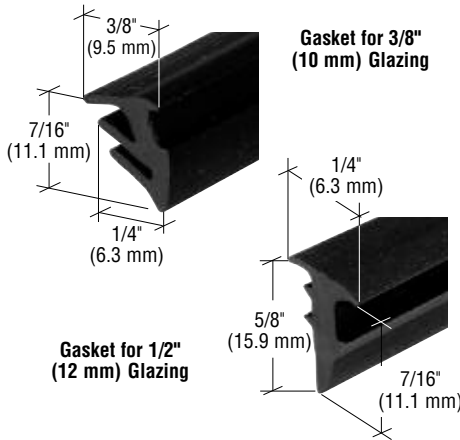


NP225 is a top load, black EPDM Glazing Gasket commonly used with our storefronts and window wall systems when glazing 1/4" and 1" (6 and 25 mm). For easy installation we recommend our Vinyl Roller Tools (see page 532W).

CAT. NO.	ROLL LENGTH
NP225	500' (152.4 m)

Minimum order: 1 roll.

CRL Roll-In Glazing Gaskets

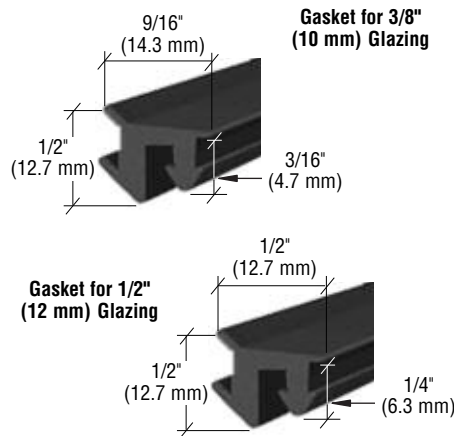


CRL Roll-In Glazing Gasket for 3/8" (10 mm) and 1/2" (12 mm) glass provides an easy way of glazing glass. It eliminates using messy silicone sealant and the clean up that follows. Black color material can be used with all finishes of glazing channels.

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
RG38100	3/8" (10 mm)	100' (30.5 m)
RG38500	3/8" (10 mm)	500' (152.4 m)
RG12100	1/2" (12 mm)	100' (30.5 m)
RG12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Roll-In EPDM Gasket for Sidelite Rails

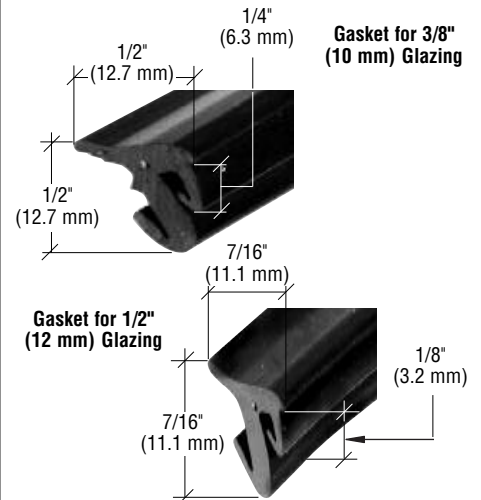


This CRL Glazing Gasket is used to dry glaze 3/8" (10 mm) and 1/2" (12 mm) glass CRL Sidelite Rails and CRL U-Channel with Roll-In Top Load Gasket materials.

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GG38100	3/8" (10 mm)	100' (30.5 m)
GG38500	3/8" (10 mm)	500' (152.4 m)
GG12100	1/2" (12 mm)	100' (30.5 m)
GG12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Roll-In EPDM Gasket for Tapered Sidelite Rails



This CRL Glazing Gasket is used to dry glaze 3/8" and 1/2" (10 and 12 mm) thick glass in CRL Tapered Sidelite Rails and CRL U-Channels.

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GGT38100	3/8" (10 mm)	100' (30.5 m)
GGT38500	3/8" (10 mm)	500' (152.4 m)
GGT12100	1/2" (12 mm)	100' (30.5 m)
GGT12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

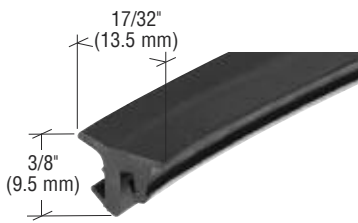
CRL GLAZING GASKETS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Glazing Gaskets for Storefronts, Curtain Walls, and Window Walls

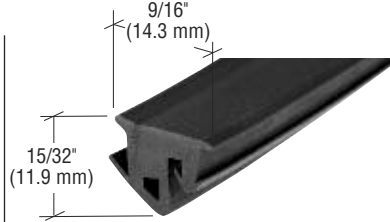
new

• For Glazing Infills 1/4" to 2" (6 to 51 mm)



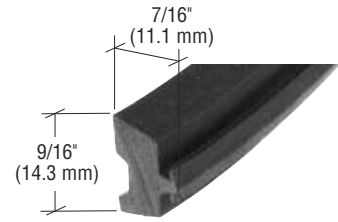
CAT. NO.	TYPE	ROLL LENGTH
NP238	EPDM	500' (152.4 m)

Minimum order: 1 roll.



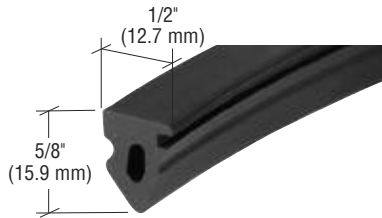
CAT. NO.	TYPE	ROLL LENGTH
NP218	EPDM	250' (76.2 m)

Minimum order: 1 roll.



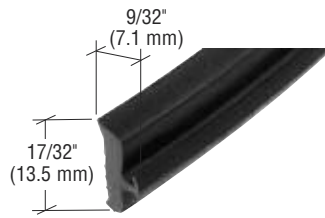
CAT. NO.	TYPE	ROLL LENGTH
NP430	EPDM	250' (76.2 m)

Minimum order: 1 roll.



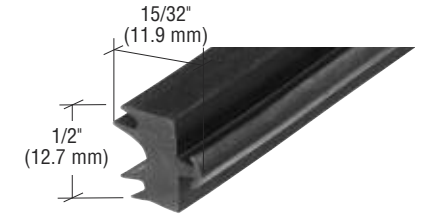
CAT. NO.	TYPE	ROLL LENGTH
NP606	EPDM	200' (61 m)

Minimum order: 1 roll.



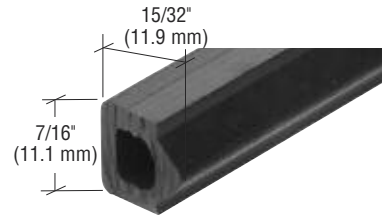
CAT. NO.	TYPE	ROLL LENGTH
NP432	EPDM	500' (152.4 m)

Minimum order: 1 roll.



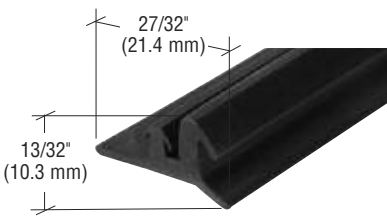
CAT. NO.	TYPE	ROLL LENGTH
NP726	EPDM	250' (76.2 m)

Minimum order: 1 roll.



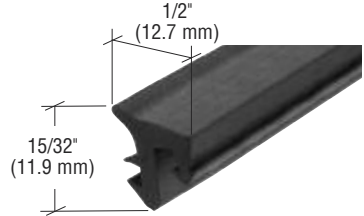
CAT. NO.	TYPE	ROLL LENGTH
SP455	EPDM	250' (76.2 m)

Minimum order: 1 roll.



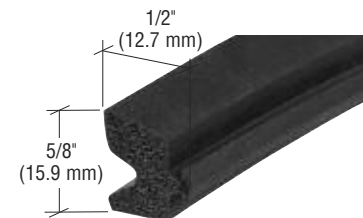
CAT. NO.	TYPE	ROLL LENGTH
NP142	EPDM	200' (61 m)

Minimum order: 1 roll.



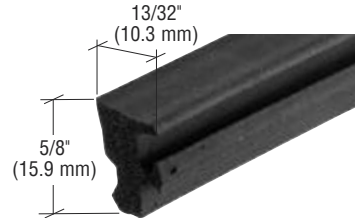
CAT. NO.	TYPE	ROLL LENGTH
NP299	EPDM	500' (152.4 m)

Minimum order: 1 roll.



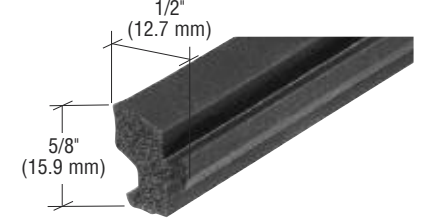
CAT. NO.	TYPE	ROLL LENGTH
NP420	EPDM Sponge	250' (76.2 m)

Minimum order: 1 roll.



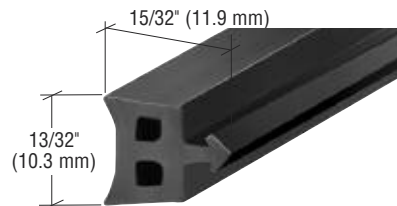
CAT. NO.	TYPE	ROLL LENGTH
NP425	EPDM Sponge	300' (91.4 m)

Minimum order: 1 roll.



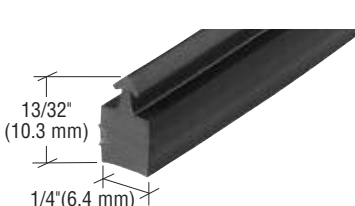
CAT. NO.	TYPE	ROLL LENGTH
NP421	EPDM Sponge	500' (152.4 m)

Minimum order: 1 roll.



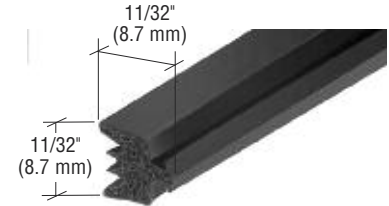
CAT. NO.	TYPE	ROLL LENGTH
SP450	Silicone Rubber	250' (76.2 m)

Minimum order: 1 roll.



CAT. NO.	TYPE	ROLL LENGTH
SP250	Silicone Rubber	250' (76.2 m)

Minimum order: 1 roll.



CAT. NO.	TYPE	ROLL LENGTH
NP716	Sponge Rubber	500' (152.4 m)

Minimum order: 1 roll.

CRL Storm Window Frames

- For Single and Double Strength Glass
- Easy to Fabricate With Adhesive - No Corners Required



Measure the length and width of the glass and miter cut frame



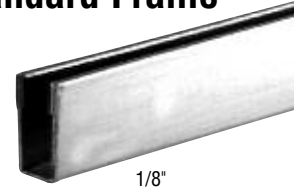
Using C205GL Adhesive and 195AG Pump, dispense adhesive into frame



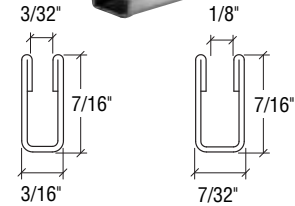
Install miter cut frame with adhesive onto glass

CRL Storm Window Standard Frame

- Adhesive Bonded Frames for Single and Double Strength Glass



CRL Storm Window Frame is .025" (.7 mm) thick roll formed aluminum in a mill finish. Designed for surface mounting.



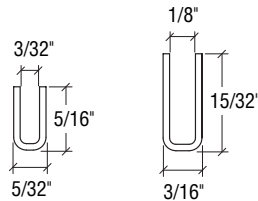
CAT. NO.	SIZE	LENGTH	QTY/CS
35048	Single Strength	12'-6" (3.8 m)	200
35049	Double Strength	12'-6" (3.8 m)	200

Minimum order: 1 stock length. Window Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 20 combined lengths. Must ship via common carrier unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Storm Window Edge Wrap Frame

- Adhesive Bonded Edge Wrap for Single and Double Strength Glass

CRL Edge Wrap Frame is .025" (.7 mm) thick roll formed aluminum in mill finish. Designed to be used for glass edging or storm windows.

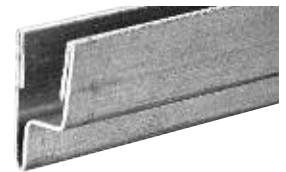


CAT. NO.	SIZE	LENGTH	QTY/CS
35050	Single Strength	12'-6" (3.8 m)	200
35051	Double Strength	12'-6" (3.8 m)	200

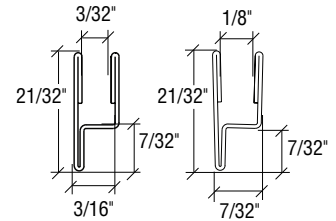
Minimum order: 1 stock length. Window Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 20 combined lengths. Must ship via common carrier unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Storm Window Leg Frame

- Adhesive Bonded Leg Frame for Recessed Openings



CRL Storm Window Leg Frame for single and double strength glass is .024" (.6 mm) thick roll formed aluminum in mill finish. Designed to be installed into recessed openings.

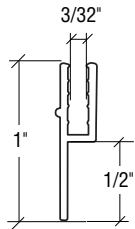


CAT. NO.	SIZE	LENGTH	QTY/CS
35035	Single Strength	12'-6" (3.8 m)	200
35036	Double Strength	12'-6" (3.8 m)	200

Minimum order: 1 stock length. Window Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 20 combined lengths. Must ship via common carrier unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Rigid Vinyl Lip Frame

- Adhesive Bonded Frame for Single Strength Glazing



CRL 1" (25.4 mm) Rigid Vinyl Lip Frame is designed for single strength glass being installed into a recessed opening. Used primarily for storm windows.

CAT. NO.	FINISH	LENGTH	QTY/CS
PL15967	White	72" (1.83 m)	25

Minimum order: 1 stock length. Window Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Storm Window and Door Adhesive

- For Bonding Storm Window Frames



CAT. NO. C205GL
CRL Adhesive is an off white/neutral color adhesive for storm door and window frame joints



CAT. NO. C215GL
CRL Solvent is used to clean or thin Cat. No. C205GL Adhesive



CAT. NO. 195AG
CRL Pump used to dispense Adhesives

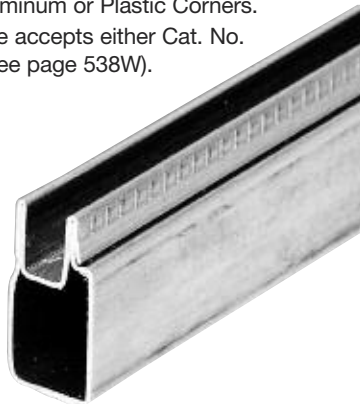
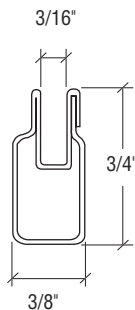
CRL Roll Formed Aluminum Surround Frame for Glass



CRL 3/8" Window Frame

CRL's 3/8" (9.5 mm) Window Frame is used to construct new storm windows with single or double strength glass. Frame may be mitered or square cut using Aluminum or Plastic Corners.

This roll formed aluminum Frame accepts either Cat. No. GC723C or P7743 Glazing Vinyl (see page 538W).

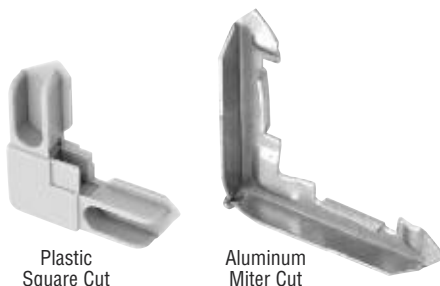


CAT. NO.	FINISH	LENGTH	QTY/CS
PL14158	Mill	12' (3.6 m)	50
PL14160	White	12' (3.6 m)	50

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Corners for PL14158 and PL14160 Window Frame

These CRL Frame Corners fit into our Cat. Nos. PL14158 and PL14160 3/8" Window Frames.



CAT. NO.	MATERIAL	COLOR	QTY/PKG
PL14312	Plastic	Gray	20
PL14314	Plastic	White	20
PL14318	Aluminum	Mill	20

Minimum order: 1 pack.

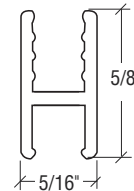
CRL Extruded Aluminum Surround Frame for Glass



CRL 5/16" Window Frame

This CRL 5/16" (7.9 mm) Window Frame Extrusion can quickly and easily be made into windows using single or double strength glass.

The 72" (1.83 m) stock lengths have a mill finish. Requires either Cat. No. GC723C or Cat. No. GC724C Glazing Vinyl (see page 538W).

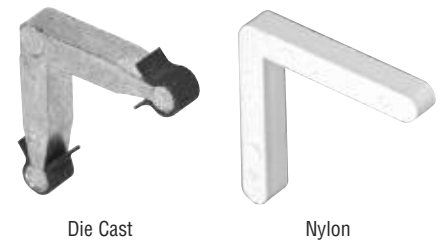


CAT. NO.	FINISH	LENGTH	QTY/CS
F2637	Mill	72" (1.83 m)	10

Minimum order: 1 case.

CRL Corners for F2637 Window Frame

These CRL Window Frame Corners fit into our Cat. No. F2637 5/16" Window Frame.



CAT. NO.	MATERIAL	FINISH	QTY/PKG
PL15052	Die Cast	Mill	20
PL16276	Nylon	White	20

Minimum order: 1 pack.

CRL ROLL FORMED AND EXTRUDED GLASS SURROUND

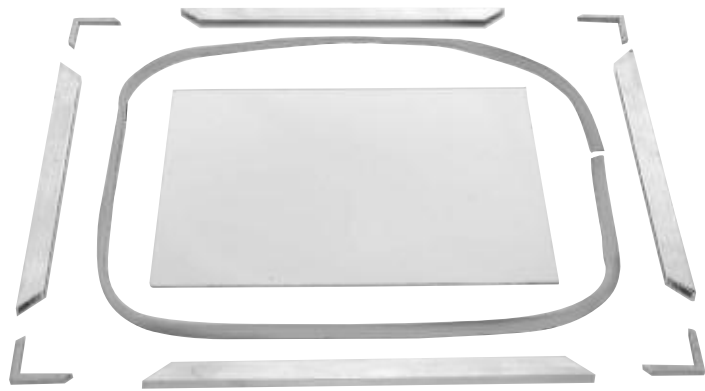
For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 5/16" Window Frame and Corners

- Easy to Assemble
- Mill and White Finishes

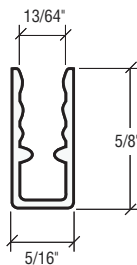
CRL's 5/16" (7.9 mm) Window Frame and Corners can be used anywhere a 5/16" thick frame is required. This universal easy-to-assemble extruded aluminum Frame works with CRL's Cat. No. GC723C or GC724C Vinyl (see below).

Extrusion needs to be miter cut for assembly using the Nylon or Aluminum Corners shown below.



CRL 5/16" Window Frame

This extruded aluminum CRL Window Frame material is designed for single or double strength glass. You can easily miter cut to the correct size and assemble using CRL's Aluminum or Nylon Corners. Frame requires the use of Cat. No. GC723 or GC724 Glazing Vinyl.



CAT. NO.	FINISH	LENGTH	QTY/CS
PL14167	Mill	12' (3.6 m)	50
PL14169	White	12' (3.6 m)	50

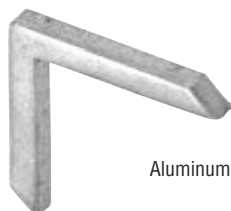
Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Must ship via common carrier unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Corners for PL14167 and PL14169 Frame

CRL's Nylon and Aluminum Frame Corners can be used for miter cut Cat. No. PL14167 and PL14169 Window Frames. Sold in packs of 20.



Nylon



Aluminum

CAT. NO.	MATERIAL	FINISH	QTY/PKG
PL14964	Nylon	Translucent	20
PL15030	Aluminum	Mill	20

Minimum order: 1 pack.

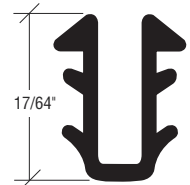
CRL Glazing Vinyl for Single Strength Glass

- Available in 100' (30.5 m) and 1000' (305 m) Rolls

This gray color CRL Glazing Vinyl is designed for use with single strength glass to cushion and secure the glass in the window frame.

CAT. NO.	COLOR	ROLL LENGTH
GC723C	Gray	100' (30.5 m)
GC723M	Gray	1000' (305 m)

Minimum order: 1 roll.



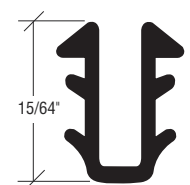
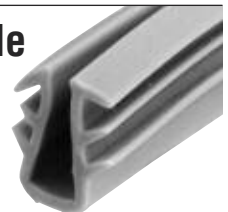
CRL Glazing Vinyl for Double Strength Glass

- Available in 100' (30.5 m) and 1000' (305 m) Rolls

This gray color CRL Glazing Vinyl is designed for use with double strength glass to cushion and secure the glass in the window frame.

CAT. NO.	COLOR	ROLL LENGTH
GC724C	Gray	100' (30.5 m)
GC724M	Gray	1000' (305 m)

Minimum order: 1 roll.



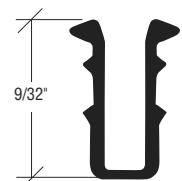
CRL Glazing Vinyl for Double Strength Glass

- Fits PL14158 and PL14160 Window Frame

This CRL Glazing Channel is used with Double Strength Glass and fits the Cat. Nos. PL14158 and PL14160 3/8" (9.5 mm) Window Frame on page 537W.

CAT. NO.	COLOR	ROLL LENGTH
P7743	Gray	100' (30.5 m)

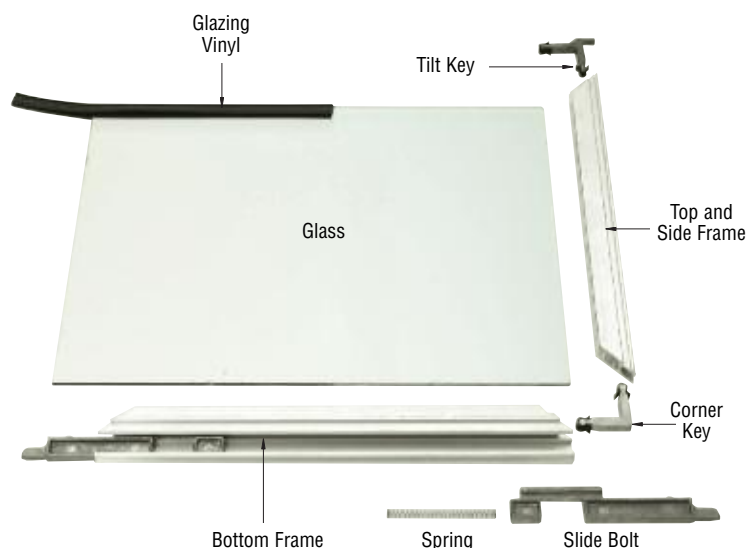
Minimum order: 1 roll.



CRL Assembly Diagram for Standard Style Triple Track Storm Window Frame

- 11/32" Thick Glass Frame for Storm Panels
- Two Finishes: Mill or White

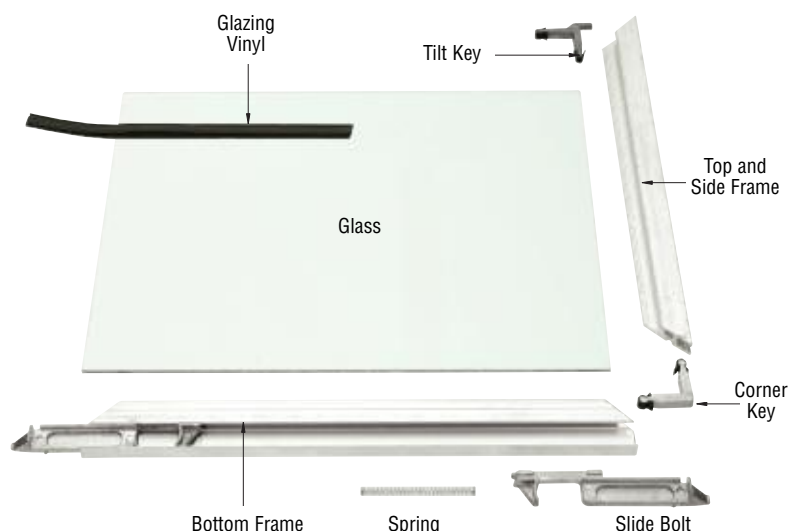
Replacement storm window panels are easy to build using the complete CRL Triple Track Storm Panel System. Extruded aluminum Standard StyleFrame uses U-Channel type glazing for single strength glass, and has a total frame thickness of 11/32" (8.7 mm). All components and hardware are sold separately. See page 540W for Standard Style Frame and components.



CRL Assembly Diagram for Drop-In Style Triple Track Storm Window Frame

- 5/16" Thick Glass Frame for Storm Panels
- Two Finishes: Mill or White

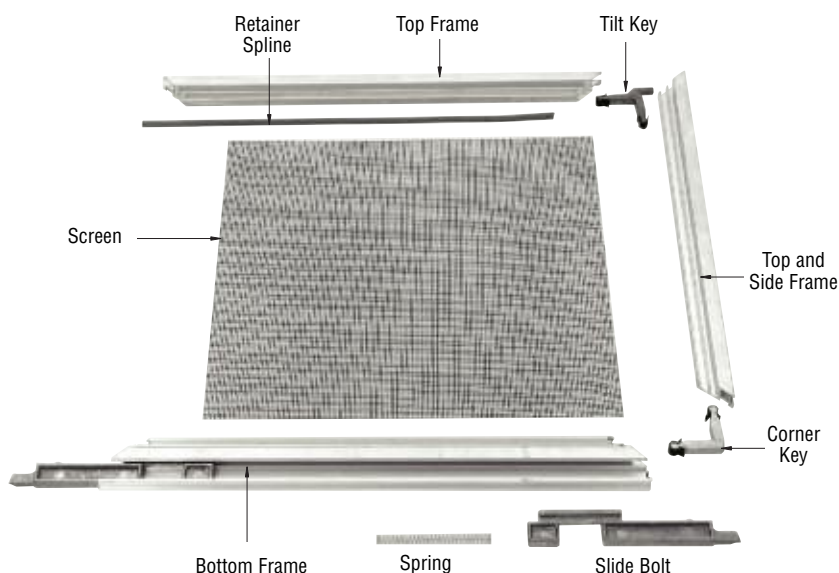
Unlike the Standard Style Frame, extruded aluminum CRL Drop-In Style Triple Track Storm Panel Frame is assembled first without the glass. The single strength glass is then laid into the frame and held in place with a single sided push-in glazing vinyl. This type of glazing allows for a 5/16" (7.9 mm) thickness frame, which is thinner than the Standard Style Frame. All components and hardware are sold separately. See page 541W for Drop-In Style Frame and matching components.



CRL Assembly Diagram for Triple Track Screen Frame

- 11/32" Thick Screen Frame for Storm Windows
- Two Finishes: Mill or White

Replacement storm window screen panels are easy to build using the complete CRL Triple Track Screen Frame System. The 11/32" (8.7 mm) extruded aluminum frame thickness matches the Standard Style Frame shown above and can be used with fiberglass or aluminum screen wire. All components and hardware are sold separately. See page 542W for Screen Frame and components.



CRL TRIPLE TRACK WINDOW FRAME

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

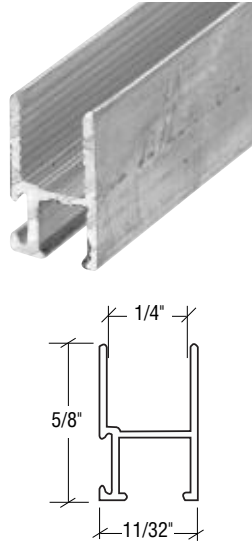
CRL Standard Style Triple Track Top and Side Frame

• For Window Tops and Sides

CRL's Standard Style Triple Track Window Frame permits regular single strength glazing into vinyl. The white finish is powder coated. Available in 72" (1.82 m) lengths, it comes packed 12 per carton.

CAT. NO.	FINISH	LENGTH
PL14189	Mill	72" (1.82 m)
PL14191	White	72" (1.82 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing.

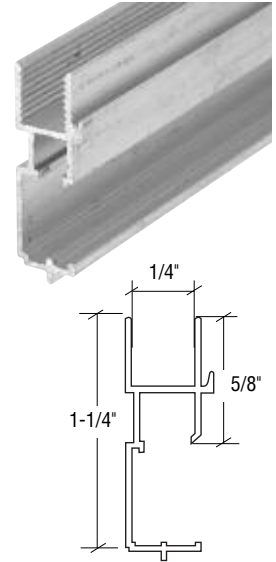


CRL Standard Style Triple Track Bottom Frame

CRL's Standard Style Triple Track Bottom Window Frame works with Top and Side Standard Frame. The white finish is powder coated. Packed six per carton.

CAT. NO.	FINISH	LENGTH
PL14192	Mill	72" (1.82 m)
PL14194	White	72" (1.82 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing.

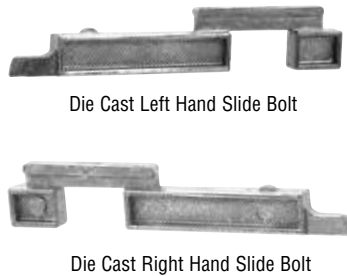


CRL Slide Bolts for Standard Style Triple Track Window and Screen Frames

Slide Bolts are inserted into the Bottom Frame. The spring loaded bolt allows for height adjustments and holds the frame in a closed position. Bolts are 20 per package. Used with the Corner Keys for only the Standard Style Window and Screen Frames.

CAT. NO.	HAND
PL15492	Left
PL15494	Right

Minimum order: 1 pack.



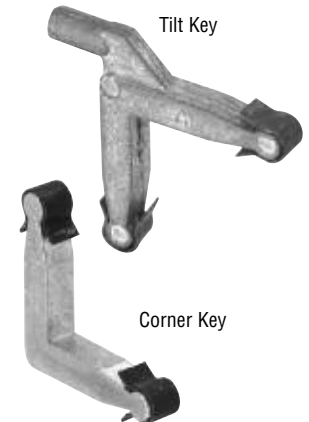
NOTE: Slide Bolts require Cat. No. P649K Springs (see page 541W)

CRL Die Cast Corners for All Triple Track Frames

These CRL Die Cast Corners are used exclusively with Triple Track for glass and screens. Corners are held in the frame using our Cat. No. S1936 Crimping Tool (see page 547W) to indent the frame. Packed 20 per pack.

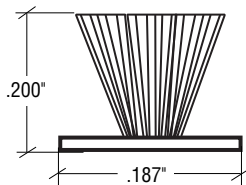
CAT. NO.	DESCRIPTION	QTY/PKG
PL15228	Tilt Key	20
PL15052	Corner Key	20

Minimum order: 1 pack.



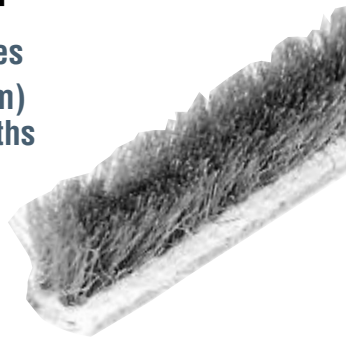
CRL Pile Weatherstrip

- For Use in Screen Frames
- Available in 100' (30.5 m) and 1100' (335 m) Lengths



CAT. NO.	COLOR	ROLL LENGTH
A11320C	Gray	100' (30.5 m)
A11320B	Gray	1100' (335 m)

Minimum order: 1 roll.



Our Pile Weatherstrip is used when the old Pile becomes worn and can no longer deter drafts, dust or noise.

CRL Glazing Vinyls for Standard Triple Track Frame

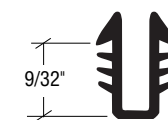
- For Single and Double Strength Glass

CRL's extruded U-Shaped Gray Glazing Vinyls are used to cushion glass in Triple Track Standard Frames.



FOR SINGLE STRENGTH GLASS		
CAT. NO.	COLOR	ROLL LENGTH
GC673C	Gray	100' (30.5 m)
GC673M	Gray	1000' (305 m)

Minimum order: 1 roll.



FOR DOUBLE STRENGTH GLASS		
CAT. NO.	COLOR	ROLL LENGTH
GC722C	Gray	100' (30.5 m)
GC722M	Gray	1000' (305 m)

Minimum order: 1 roll.



CRL TRIPLE TRACK WINDOW FRAME

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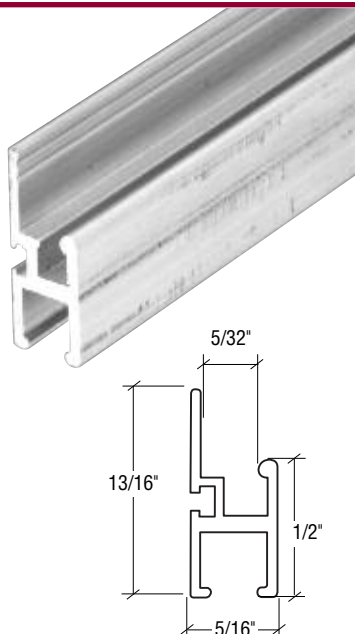
CRL Drop-In Style Top and Side Triple Track Frame

• For Window Tops and Sides

CRL's Drop-In Style Triple Track is available in 72" (1.82 m) lengths, and comes packed 12 per carton.

CAT. NO.	FINISH	LENGTH
PL15968	Mill	72" (1.82 m)
PL15970	White	72" (1.82 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing.

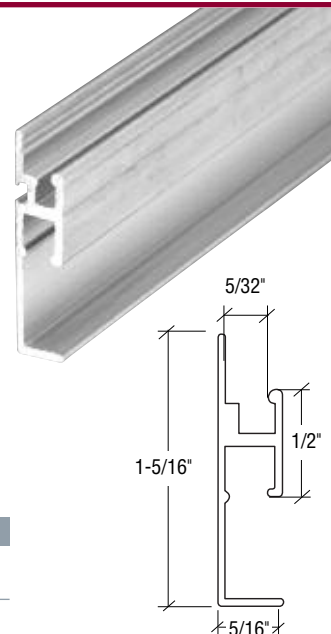


CRL Drop-In Style Triple Track Bottom Frame

CRL's Drop-In Style Bottom Triple Track works with the Top and Side Frame. White finish is powder coated. Packed six per carton. Uses Slide Bolts PL15492 and PL15494 (below).

CAT. NO.	FINISH	LENGTH
PL15971	Mill	72" (1.82 m)
PL15973	White	72" (1.82 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing.



CRL Slide Bolts for Drop-In Style Triple Track Window Frames

These Die Cast Slide Bolts are inserted into the Bottom Frame. The spring loaded bolt allows for height adjustments and holds frame in closed position. 20 per pack.



Die Cast Left Hand Slide Bolt



Die Cast Right Hand Slide Bolt

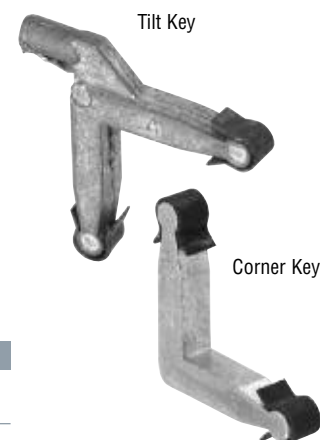
CAT. NO.	HAND
PL15492	Left
PL15494	Right

Minimum order: 1 pack.

NOTE: Slide Bolts require Cat. No. P649K Springs (see below).

CRL Die Cast Corners for All Triple Track Frames

CRL Die Cast Corners are used exclusively with Triple Track Frame for glass and screens. Held in the Frame using our Cat. No. S1936 Crimping Tool (see page 547W) to indent the frame. 20 per pack.



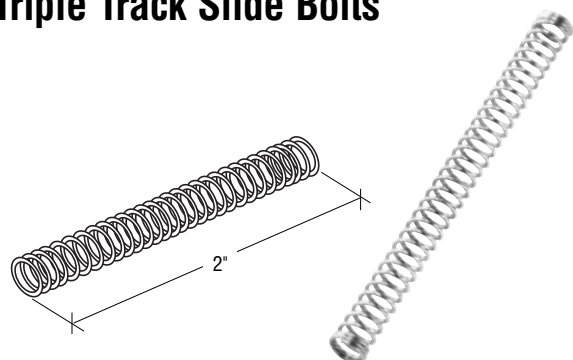
Tilt Key

Corner Key

CAT. NO.	DESCRIPTION	QTY/PKG
PL15228	Tilt Key	20
PL15052	Corner Key	20

Minimum order: 1 pack

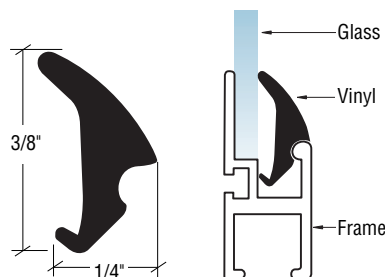
CRL Springs for All Triple Track Slide Bolts



20 Springs per pack.
Minimum order is one pack.

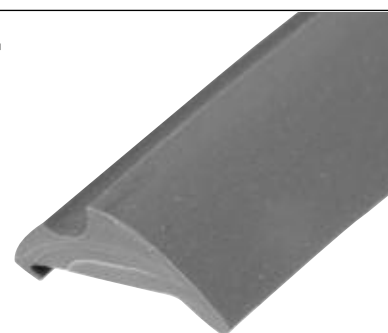
CAT. NO. P649K

CRL Glazing Spline for Drop-In Frame



CAT. NO.	ROLL LENGTH
GS112C	100' (30.5 m)
GS112M	1000' (305 m)

Minimum order: 1 Roll.



• Gray Vinyl

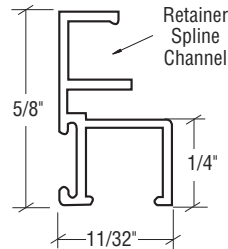
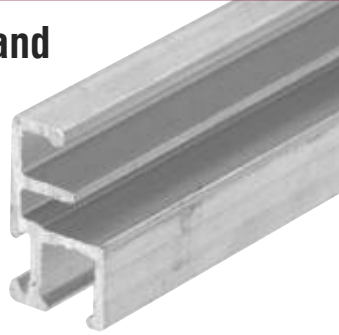
CRL Glazing Spline for Triple Track Drop-In Frames is easily press-fit against the glass with just finger pressure.

CRL TRIPLE TRACK WINDOW FRAME

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

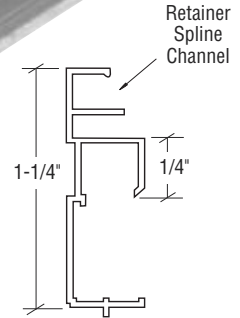
CRL Triple Track Top and Side Screen Frame

CRL's Triple Track Screen Frame is used for the repair and replacement of screen frames in storm doors. The white finish is powder coated. Uses Cat. No. A11320C or A11320B Pile Weatherstrip shown below. Available in 72" (1.82 m) lengths. Packed 12 per carton.



CRL Triple Track Bottom Screen Frame

CRL's Triple Track Bottom Screen Frame works with Top and Side Triple Track Screen Frame. The white finish is powder coated. Uses Cat. No. A1875C or A1875B Adhesive Backed Windo-Pile shown on page 545W. Packed six per carton.



CAT. NO.	FINISH	LENGTH
PL14201	Mill	72" (1.82 m)
PL14203	White	72" (1.82 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing.

CAT. NO.	FINISH	LENGTH
PL14204	Mill	72" (1.82 m)
PL14206	White	72" (1.82 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing.

CRL Slide Bolts for Standard Style Triple Track Window and Screen Frames

These Slide Bolts are used with the Corner Keys for only the Standard Style Window and Screen Frames. Spring-loaded Bolts are inserted into the Bottom Frame, allowing for height adjustments. Holds the Frame in a closed position. Bolts are 20 per package.



Die Cast Left Hand Slide Bolt



Die Cast Right Hand Slide Bolt

CAT. NO.	HAND
PL15492	Left
PL15494	Right

Minimum order: 1 pack.

NOTE: Slide Bolts require Cat. No. P649K Springs (see page 541W)

CRL Die Cast Corners for All Triple Track Frames

CRL Die Cast Corners are used exclusively with Triple Track for glass and screens, and are held in the frame using Cat. No. S1936 Crimping Tool (see page 547W) to indent the frame. 20 per pack.



Tilt Key



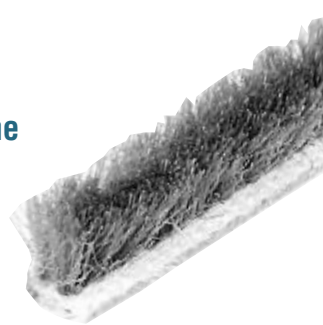
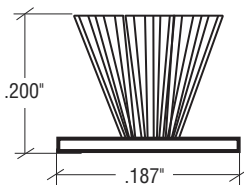
Corner Key

CAT. NO.	DESCRIPTION	QTY/PKG
PL15228	Tilt Key	20
PL15052	Corner Key	20

Minimum order: 1 pack.

CRL Pile Weatherstrip

- For Use With Triple Track Top and Side Screen Frame



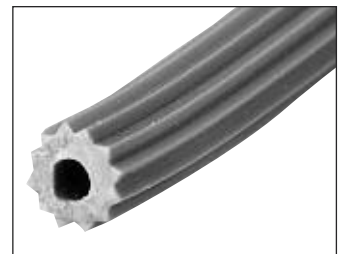
CAT. NO.	COLOR	ROLL LENGTH
A11320C	Gray	100' (30.5 m)
A11320B	Gray	1100' (335 m)

Minimum order: 1 roll.

Pile Weatherstrip is used in Triple Track Top and Side Screen Frame above to cushion and seal without affecting operation.

CRL Screen Retainer Spline

- Fits Triple Track Screen Frame



CRL's Vinyl Screen Retainer Spline is round, hollow core vinyl with a serrated surface. Used to securely retain screen wire into the channel of Triple Track Screen Frame. Vinyl color is gray. 500 feet (152 m) per roll. Minimum order is one roll.

CAT. NO. 5C135 for Aluminum Screen Wire
CAT. NO. 5C150 for Fiberglass Screen Wire



C.R. LAURENCE COMPANY

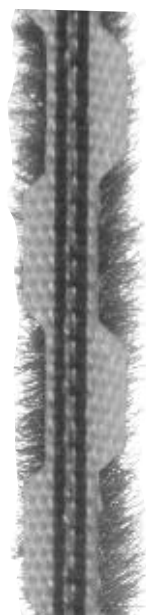
crlaurence.com | usalum.com

US ALUMINUM 542W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Zipper Pile Weatherstrip

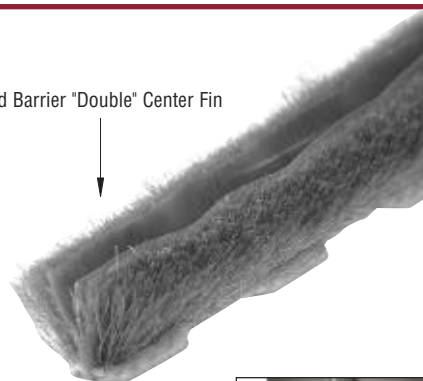
- Replaces Old or Worn-Out Pile Weatherstripping in Doors and Windows
- New Zipper Tooth Design Allows Pile to Easily Snap in From Above the Extrusion Slot
- High Density Gray Pile With Double Center Fin

CRL Zipper Pile Weatherstrip is a full density, high performance, water-resistant pile woven to a unique zipper tooth design polypropylene backing. The new zipper tooth design allows the pile to easily snap into the extrusion slot from above rather than having to slide the pile in from the ends. Whether it's being used in manufacturing or retrofitted, the application is much easier and faster. It even works if the slot is slightly off size. Zipper Pile can be used to retrofit aluminum, vinyl, fiberglass or wood T-slots without the need to take the complete window or door sash apart. The double center fin provides a true weather seal, compared to other piles without a fin suited for vibration reduction and pest control only.



Zipper Tooth
Backing Design

Solid Barrier "Double" Center Fin



new

Typical installation
in door stile



EASY INSTALLATION



New Pile is easy
to install



Remove old Pile
from frame

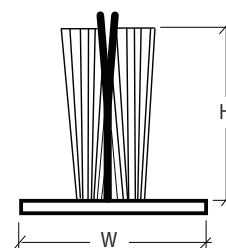


Press new Zipper Pile into
groove with finger



Cut to length with
knife or scissors

100 FT. ROLL CAT. NO.	BACKING WIDTH (W)	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
Z78137C	.187" (4.7 mm)	.160" (4 mm)	Z78148B	3,000' (914.4 m)
Z78159C	.187" (4.7 mm)	.200" (5.1 mm)	Z78161B	1,100' (335.3 m)
Z78172C	.187" (4.7 mm)	.250" (6.3 mm)	Z78183B	900' (274.3 m)
Z78194C	.187" (4.7 mm)	.300" (7.6 mm)	Z78205B	700' (213.4 m)
Z78216C	.187" (4.7 mm)	.350" (8.9 mm)	Z78227B	600' (182.9 m)
Z78238C	.187" (4.7 mm)	.400" (10.2 mm)	Z78249B	500' (152.4 m)
Z78251C	.187" (4.7 mm)	.450" (11.4 mm)	Z78262B	400' (121.9 m)
Z78273C	.270" (6.8 mm)	.200" (5.1 mm)	Z78284B	800' (243.8 m)
Z78295C	.270" (6.8 mm)	.250" (6.3 mm)	Z78306B	600' (182.9 m)
Z78317C	.270" (6.8 mm)	.300" (7.6 mm)	Z78328B	400' (121.9 m)
Z78339C	.270" (6.8 mm)	.350" (8.9 mm)	Z78349B	400' (121.9 m)
Z78352C	.270" (6.8 mm)	.400" (10.2 mm)	Z78363B	300' (91.4 m)
Z78374C	.270" (6.8 mm)	.450" (11.4 mm)	Z78385B	300' (91.4 m)
Z78396C	.360" (9.1 mm)	.350" (8.9 mm)	Z78407B	300' (91.4 m)
Z78418C	.360" (9.1 mm)	.450" (11.4 mm)	Z78429B	300' (91.4 m)
Z78431C	.430" (10.9 mm)	.350" (8.9 mm)	Z78442B	300' (91.4 m)
Z78453C	.430" (10.9 mm)	.450" (11.4 mm)	Z78464B	300' (91.4 m)



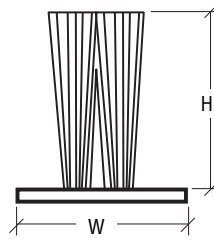
Comes in handy 100 foot rolls as
well as cost-saving bulk rolls.

CRL PILE WEATHERSTRIPPING

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Windo-Pile

- Replaces Old or Worn-Out Pile Weatherstripping in Doors or Windows
- Water-Resistant Woven Pile is Unaffected by Adverse Weather



CRL Windo-Pile is specifically made to meet the needs of anyone looking for quality replacement pile weatherstripping. A water-resistant pile woven to a polypropylene backing, with a choice of medium and high densities, it can replace approximately 90% of the worn-out or corroded pile in use in existing windows and doors. It installs easily, and seals effectively. It also can be used in the fabrication of new storm windows. The pile is a light gray color.

EASY INSTALLATION



New pile is easy to install



Remove old pile from frame



Press new pile into groove with screwdriver



Cut to length with knife or scissors

MEDIUM DENSITY WINDO-PILE BACK WIDTH .187" (4.7 MM)

100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
A11320C	.200" (5.1 mm)	A11320B	1100' (335.3 m)
A11325C	.250" (6.3 mm)	A11325B	900' (274.3 m)
A11330C	.300" (7.6 mm)	A11330B	700' (213.4 m)
A11335C	.350" (8.9 mm)	A11335B	600' (182.9 m)

HIGH DENSITY WINDO-PILE BACK WIDTH .270" (6.8 MM)

100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
A11420C	.200" (5.1 mm)	A11420B	800' (243.8 m)
A11425C	.250" (6.3 mm)	A11425B	600' (182.9 m)
A11430C	.300" (7.6 mm)	A11430B	400' (121.9 m)
A11435C	.350" (8.9 mm)	A11435B	400' (121.9 m)

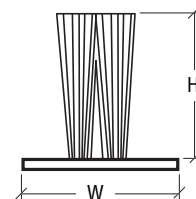
Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Windo-Pile for quantity pricing.

CRL Extra Width Windo-Pile

- Energy Saver – Reduces Heat and Air Conditioning Loss Around Doors and Windows
- Effectively Seals Without Affecting Operation



This CRL Extra Width Windo-Pile is made of water-repellent pile woven onto a polypropylene backing strip, which inserts easily into the pile channel. Pile weatherstrip helps keep heated or cooled air from escaping around the frame, thus reducing energy loss. It will not affect the normal operation of the window or door. Available in 100 foot (30.5 m) or 300 foot (91.4 m) rolls, the pile is a light gray color.



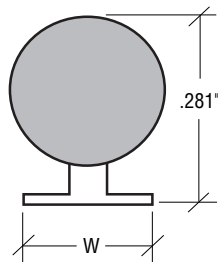
100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	300 FT. ROLL CAT. NO.	BACKING WIDTH (W)
A11535C	.350" (8.9 mm)	A11535B	.350" (8.9 mm)
A11545C	.450" (11.4 mm)	A11545B	.350" (8.9 mm)
A11635C	.350" (8.9 mm)	A11635B	.437" (11.1 mm)
A11645C	.450" (11.4 mm)	A11645B	.437" (11.1 mm)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Windo-Pile for quantity pricing.

CRL Bulb Gasket

- Used on 7200-7600 Series U.S. Aluminum Windows and 900 Series Terrace Doors

This CRL Bulb Gasket is black in color and resists mold, corrosion, and abrasion. Attached to a plastic backing, it helps conserve energy by keeping windows and doors sealed.



CAT. NO.	BACK WIDTH (W)	ROLL LENGTH
WH34200300	.187" (4.7 mm)	300' (91.4 m)

Minimum order: 1 roll.



C.R. LAURENCE COMPANY

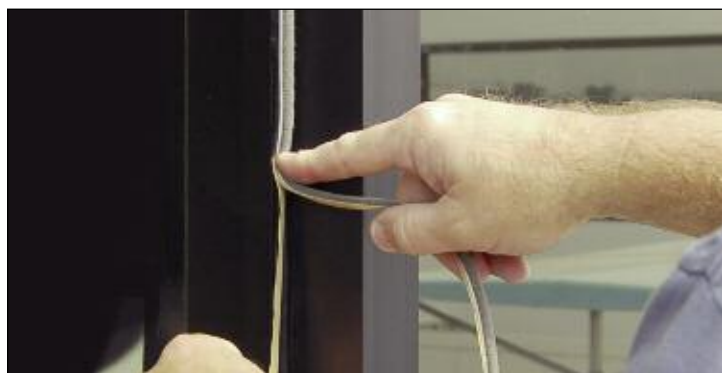
crlaurence.com | usalum.com

US ALUMINUM 544W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

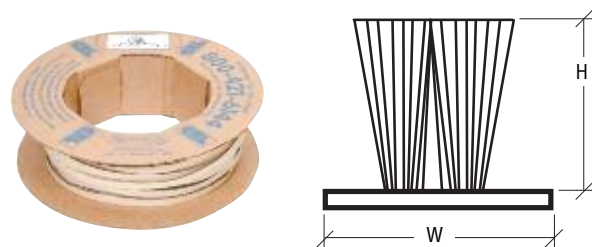
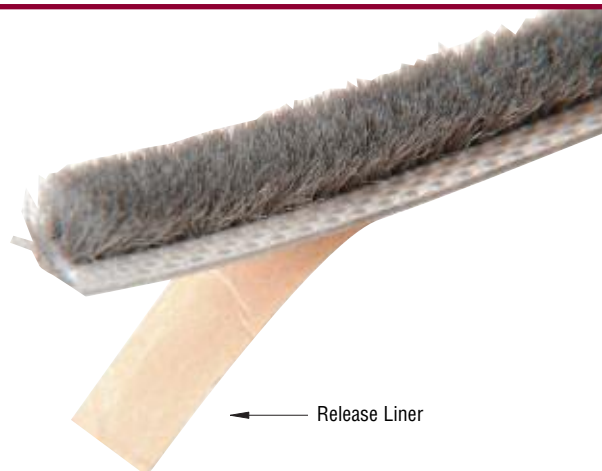
CRL Adhesive-Backed Windo-Pile

- Adhesive Backing Allows Press-On Installation
- Seals Effectively Without Affecting Operation
- Reduces Heat and Energy Loss Around Windows and Doors

This CRL Adhesive-Backed Windo-Pile is a water-resistant pile woven with silicone-treated polypropylene fibers to resist mold, corrosion, abrasion, and is stabilized against ultraviolet and ozone. The fibers are attached to a polypropylene backing that lasts longer than plastic weatherseals, and has a pressure-sensitive adhesive with a release liner. Especially good for applications on irregular surfaces, helping the weatherstrip conform to surface contours. Helps conserve energy by keeping windows and doors sealed. The color of the pile is light gray.



Effectively seals double hung and horizontal sliding windows. Simply remove the release liner backing and press Windo-Pile onto the window sash channels. Doesn't interfere with normal window operation.

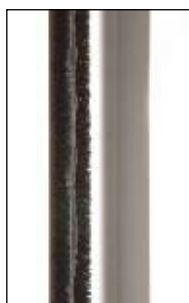


CAT. NO.	PILE HEIGHT (H)	BACK WIDTH (W)	ROLL LENGTH
A1875C	.200" (5.1 mm)	.187" (4.7 mm)	100' (30.5 m)
A1875B	.200" (5.1 mm)	.187" (4.7 mm)	1100' (335.5 m)
A71320C	.200" (5.1 mm)	.270" (6.8 mm)	100' (30.5 m)
A71320B	.200" (5.1 mm)	.270" (6.8 mm)	700' (213.3 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Windo-Pile for quantity pricing.

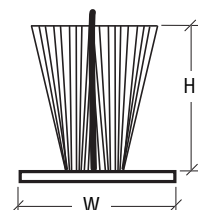
CRL Finned Pile Weatherstrip

- Unique Center Fin Stops Air, Water, and Dust From Infiltrating Joints Around Windows and Doors
- Made to Replace Most Existing Pile Weatherstrips
- Resists Mold, Mildew, and Corrosion



This CRL Finned Pile Weatherstrip maximizes the energy efficient qualities of fiber pile by adding a patented, solid barrier fin. The center fin stops air, water, dust, and insects from infiltrating cracks around windows and doors that use pile weatherstripping. The polypropylene fiber pile resists mold, mildew, and corrosion, and has exceptional resistance to abrasion. It is silicone-treated to repel water, and stabilized against ultraviolet and ozone. The backing strip is polypropylene and lasts longer than plastic weatherseals. CRL Finned Pile Weatherstrip will replace approximately 90% of the existing storm window pile weatherstrips made, and is installed by simply snapping it into the pile channel of the existing frame.

Solid Barrier Fin

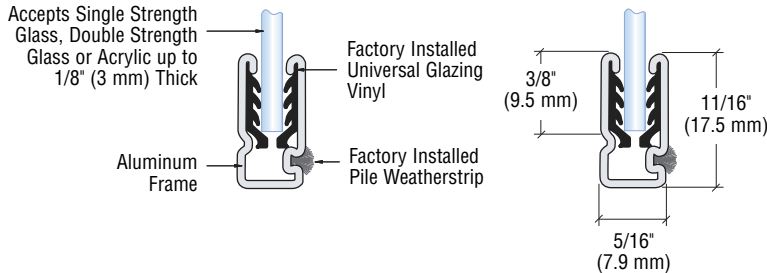


CAT. NO.	PILE HEIGHT (H)	BACK WIDTH (W)	ROLL LENGTH
FS7716C	.160" (4 mm)	.187" (4.7 mm)	100' (30.5 m)
FS77163M	.160" (4 mm)	.187" (4.7 mm)	3000' (914.4 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Windo-Pile for quantity pricing.

Universal CRL-Sash

- The Most Popular Retrofit Storm Window System
- Better Than Magnetics, Sturdier Than Vinyl
- Available in Three Popular Finishes: Mill, White, and Bronze



CRL-Sash Universal Storm Window Frame is the quality made, all-in-one glass framing material for the fabrication of secure, high-performance storm window and door panels. CRL-Sash accepts single or double strength glass or acrylic up to 1/8" (3 mm) thick, which makes it perfect for interior or exterior recessed or surface mounted panels. Three popular finishes (mill, white, and bronze) make it suitable for any installation.

A roll-formed aluminum body gives the frame rigidity while allowing the panel to remain lightweight enough to install and remove seasonally. Pre-installed vinyl gasket holds the glass or acrylic, eliminating the need for messy adhesives used with most other types of storm window frames. Built-in pile weatherstripping helps eliminate air infiltration between the secured panel and the window frame.



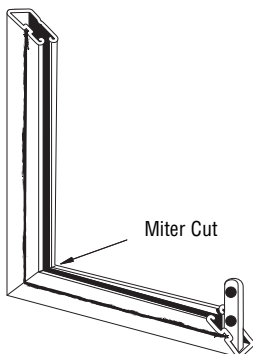
It's the All-in-One Storm Sash

- Ready for Assembly, Just Measure, Cut, and Insert Corners
- No Adhesive Required to Hold Glass or Acrylic Panels

CAT. NO.	FINISH	LENGTH	QTY/CASE
BS1M	Mill	12' 2" (3.7 m)	50
BS1W	White	12' 2" (3.7 m)	50
BS1BRZ	Bronze	12' 2" (3.7 m)	50

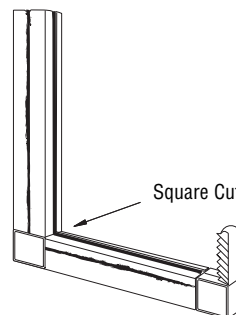
Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A packing charge will be added to orders of fewer than 10 combined lengths. Must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Two Ways to Fabricate Panels Using CRL-Sash



Miter Cut Fabrication

Miter cut fabrication is accomplished by miter cutting the CRL-Sash to the desired width and height. Next insert Cat. No. 1795 Zinc Corners (page 547W) and wrap the CRL-Sash around the glass or acrylic panel. Then use our Cat. No. S1936 Crimping Tool to crimp the CRL-Sash onto the dimples in the Corners to provide a tight fit.



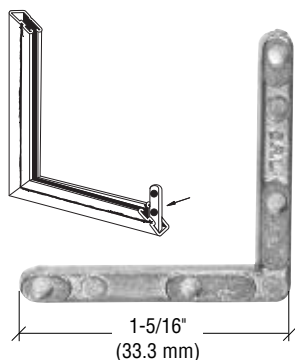
Square Cut Fabrication

Square cut fabrication is accomplished by simply square cutting the CRL-Sash 1-7/16" (36.5 mm) less than the desired width and height of the frame. Next insert Square Sash Corners (page 547W), wrap the CRL-Sash around the glass or acrylic panel, and the fabrication is complete.

CRL Zinc Corners for Miter Cut Fabrication

- Quick and Secure Installation
- Provides a Snug and Secure Fit

CRL Zinc Corners are designed for use with Universal CRL-Sash in miter cut fabrication. Miter cut fabrication is accomplished by cutting the CRL-Sash to the desired width and height. Next insert the Zinc Corners and wrap the CRL-Sash around the glass or acrylic panel. Then use our S1936 Crimping Tool to crimp the CRL-Sash into the dimples of the Zinc Corners to provide a secure fit.



CAT. NO.	QTY/PKG
1795	100

Minimum order: 100 each. Must be ordered in increments of 100.

CRL Crimping Tool for 1795 Zinc Corners

- For Installing 1795 Zinc Corners Into Miter Cut CRL-Sash



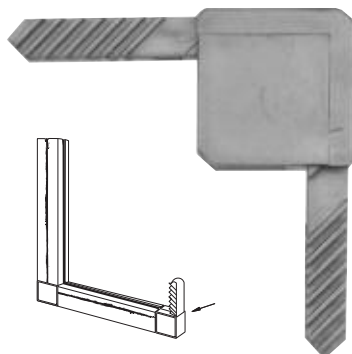
The projecting pins located in the jaws of the CRL Crimping Tool are designed to crimp the miter cut ends of Universal CRL-Sash into the dimples of the 1795 Zinc Corner, securing both legs to the corner. Minimum order is one each.

CAT. NO. S1936

CRL Square Corners for Square Cut Fabrication

- For Square Cut Frame Fabrication
- Colors to Match CRL-Sash

CRL-Sash Square Corners allow the square-cut fabrication of storm windows using Universal CRL-Sash. Simply cut the CRL-Sash 1-7/16" (36.5 mm) less than the desired length and height, insert the Square Corner, wrap the CRL-Sash around the glass or acrylic panel, and the job is complete.



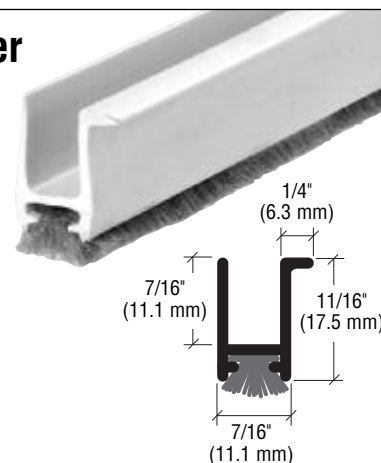
CAT. NO.	COLOR	QTY/PKG
CD35M	Gray	100
CD35W	White	100
CD35BRZ	Bronze	100

Minimum order: 100 each. Must be ordered in increments of 100. Colors can be combined for quantity pricing.

CRL Sash Expander

- Simple Press-On Application

CRL-Sash Expander is a molded section with a built-in pile weatherstrip. It is designed to be used with Universal CRL-Sash in accommodating an irregular or slanted window sill, and providing a weatherseal at the bottom of the storm panel. Simply press the Sash Expander onto the bottom of the finished panel and trim it to fit the width of the opening.

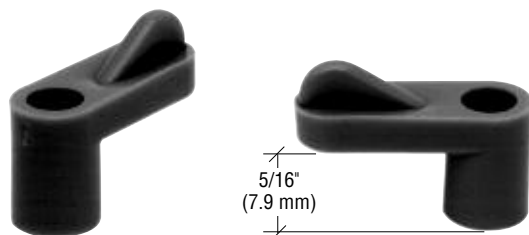


CAT. NO.	COLOR	LENGTH
CD34W	White	42" (1067 mm)
CD34BRZ	Bronze	42" (1067 mm)

Minimum order: 10 each. Must be ordered in increments of 10. Colors can be combined for quantity pricing.

CRL Plastic Wing Clips

- Hold CRL-Sash Snugly
- Resist Corrosion and Will Not Rust



Plastic Wing Clips secure surface mounted CRL-Sash or other storm panels. Plastic clips resist corrosion and will not rust. Clips are fastened with Cat. No. 6X114RHNPWS Wood Screws.

CAT. NO.	COLOR	QTY/PKG
WSC305GRY	Gray	100
WSC305W	White	100
WSC305BL	Black	100

Minimum order: 100 each. Must be ordered in increments of 100. Colors can be combined for quantity pricing.

CRL Nickel Plated Round Head Wood Screws

- Super Sharp Points

CRL Nickel Plated Wood Screws are made especially for use with Plastic Wing Clips. They have a bright nickel plated finish that will help resist corrosion. Quantities of 100 are packed in resealable plastic tubs, and bulk packages of 1000 are packaged in poly bags.



CAT. NO.	SIZE
6X34RHNPWS	6 x 3/4" (19 mm)
6X114RHNPWS	6 x 1-1/4" (32 mm)
6X112RHNPWS	6 x 1-1/2" (38 mm)

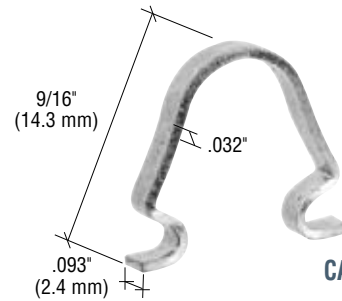
Minimum order: 100 each. Must order in increments of 100. Sizes can be combined for quantity pricing.

CRL Insert Corner Springs

Used to secure miter cut corners on storm window frames. Made of cadmium plated heat-treated spring steel. Minimum order for all Insert Corner Springs is 100 each. Must be ordered in increments of 100. All Corner Springs can be combined for quantity pricing.

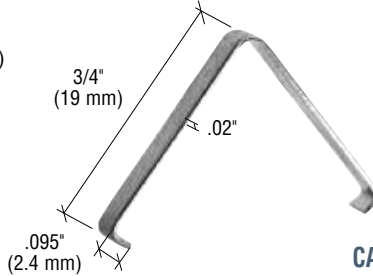


Height: 9/16" (14.3 mm)
Width: .093" (2.4 mm)
Thickness: .032"



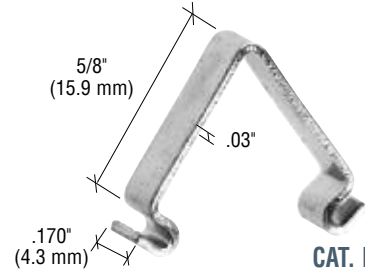
CAT. NO. 2773

Height: 3/4" (19 mm)
Width: .095" (2.4 mm)
Thickness: .02"



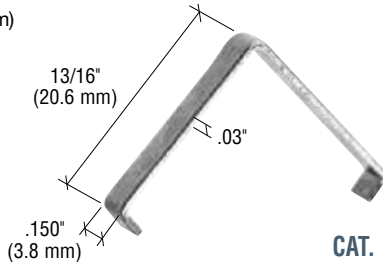
CAT. NO. 2772

Height: 5/8" (15.9 mm)
Width: .170" (4.3 mm)
Thickness: .03"



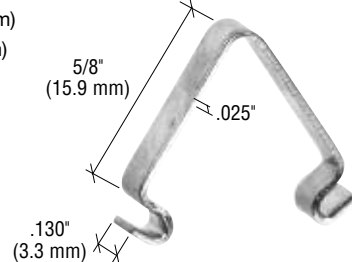
CAT. NO. 2777

Height: 13/16" (20.6 mm)
Width: .150" (3.8 mm)
Thickness: .03"



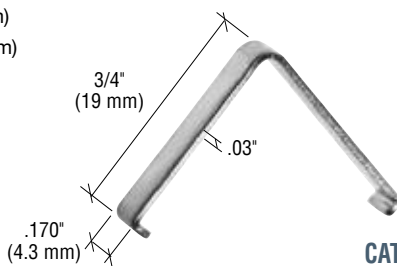
CAT. NO. 2779

Height: 5/8" (15.9 mm)
Width: .130" (3.3 mm)
Thickness: .025"



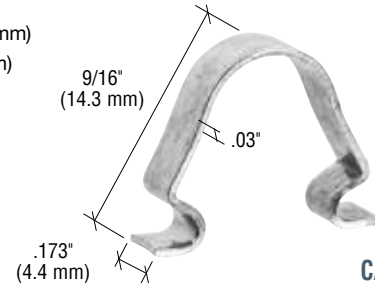
CAT. NO. 2778

Height: 3/4" (19 mm)
Width: .170" (4.3 mm)
Thickness: .03"



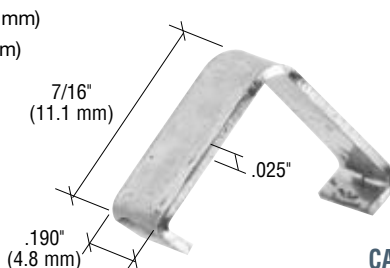
CAT. NO. 2771

Height: 9/16" (14.3 mm)
Width: .173" (4.4 mm)
Thickness: .03"



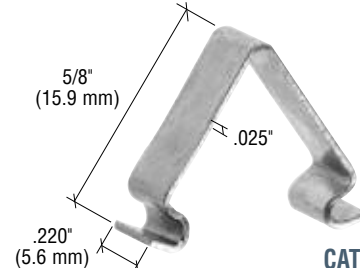
CAT. NO. 2776

Height: 7/16" (11.1 mm)
Width: .190" (4.8 mm)
Thickness: .025"



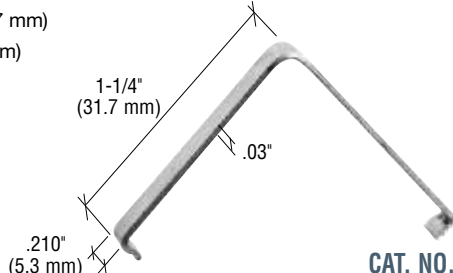
CAT. NO. 2780

Height: 5/8" (15.9 mm)
Width: .220" (5.6 mm)
Thickness: .025"



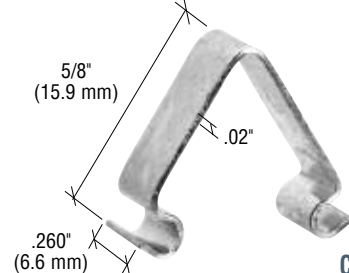
CAT. NO. 2775

Height: 1-1/4" (31.7 mm)
Width: .210" (5.3 mm)
Thickness: .03"



CAT. NO. 3870

Height: 5/8" (15.9 mm)
Width: .260" (6.6 mm)
Thickness: .02"



CAT. NO. 2774

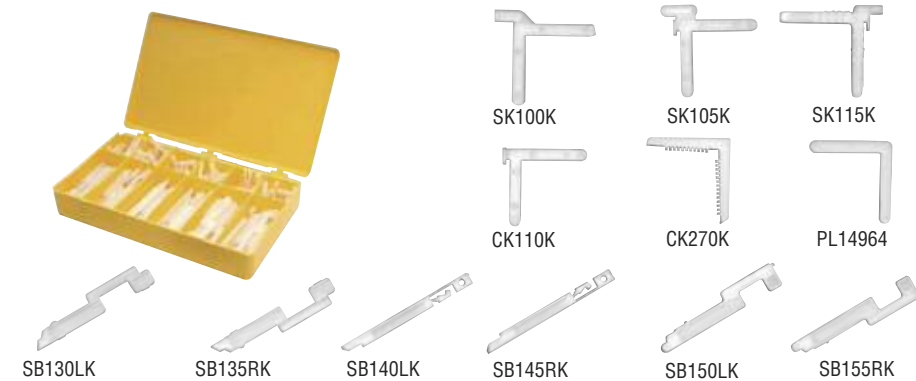
CRL Storm Window Replacement Part Kits

- Assortments of the Most Popular Storm Window Replacement Parts
- Each Part Identified for Easy Selection
- Compartmentalized Plastic Storage Box

Now it is easy for you to keep a good assortment of the replacement parts you need to repair vertical sliding storm windows. With these three CRL Storm Window Replacement Part Kits you will be able to fill most, if not all, of your repair needs. Each Kit contains a quantity of 10 each of 12 different replacement parts, and is packaged in a compartmented plastic storage box. All parts are made of molded nylon, or zinc die cast. Refills are also available separately. Minimum order is one each.



CRL Cat. No. SWK1 Storm Window Kit



The SWK1 KIT CONTAINS 10 EACH
OF THE FOLLOWING:

SWIVEL KEYS

- ☐ SK100K
- ☐ SK105K
- ☐ SK115K

SLIDE BOLTS

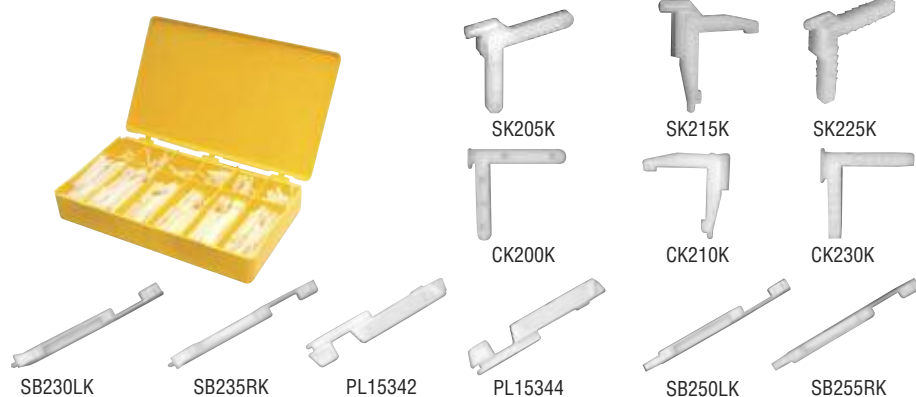
- ☐ SB130LK
- ☐ SB135RK
- ☐ SB140LK
- ☐ SB145RK
- ☐ SB150LK
- ☐ SB155RK

CORNER KEYS

- ☐ CK110K
- ☐ CK270K
- ☐ PL14964

CAT. NO. SWK1

CRL Cat. No. SWK2 Storm Window Kit



The SWK2 KIT CONTAINS 10 EACH
OF THE FOLLOWING:

SWIVEL KEYS

- ☐ SK205K
- ☐ SK215K
- ☐ SK225K

SLIDE BOLTS

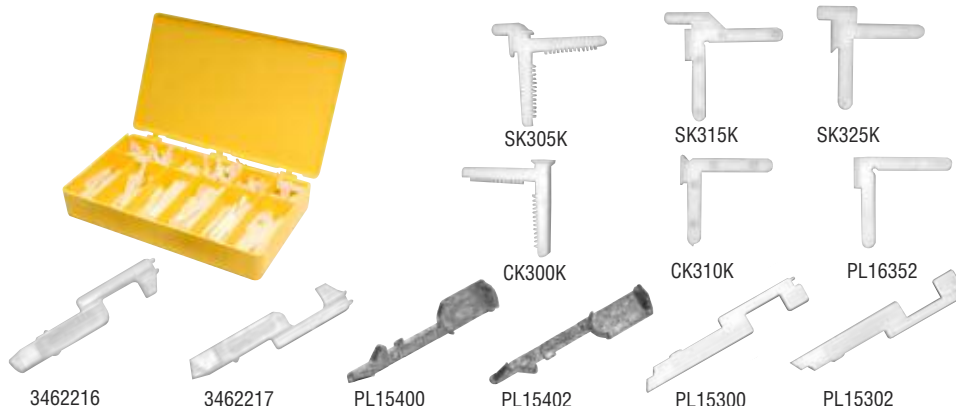
- ☐ SB230LK
- ☐ SB235RK
- ☐ PL15342
- ☐ PL15344
- ☐ SB250LK
- ☐ SB255RK

CORNER KEYS

- ☐ CK200K
- ☐ CK210K
- ☐ CK230K

CAT. NO. SWK2

CRL Cat. No. SWK3 Storm Window Kit



The SWK3 KIT CONTAINS 10 EACH
OF THE FOLLOWING:

SWIVEL KEYS

- ☐ SK305K
- ☐ SK315K
- ☐ SK325K

SLIDE BOLTS

- ☐ 3462216
- ☐ 3462217
- ☐ PL15400
- ☐ PL15402
- ☐ PL15300
- ☐ PL15302

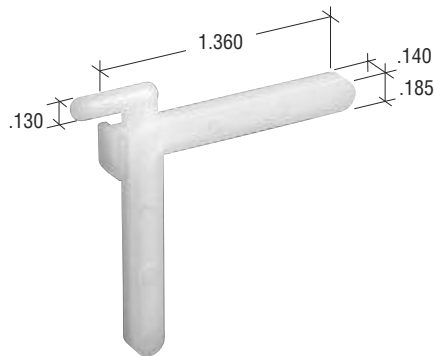
CORNER KEYS

- ☐ CK300K
- ☐ CK310K
- ☐ PL16352

CAT. NO. SWK3

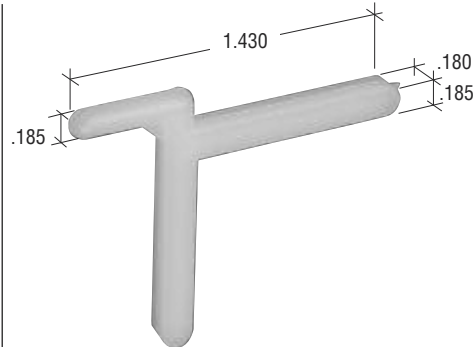
CRL Plastic Swivel Keys

CRL has an excellent selection of Plastic Swivel Keys made of molded nylon and designed to fit most storm window frames. The Keys hold the corners square and in place while providing a projecting pin which acts as a channel guide. CRL Swivel Keys are available in packs of 20 each or in bulk tubs of 100 each. For additional information, contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520.



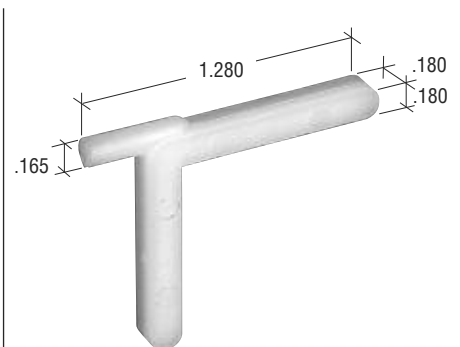
CAT. NO.	QTY/PKG
SK395K	20
SK395B	100

Minimum order: 1 pack or 100 each in bulk.



CAT. NO.	QTY/PKG
SK360K	20
SK360B	100

Minimum order: 1 pack or 100 each in bulk.



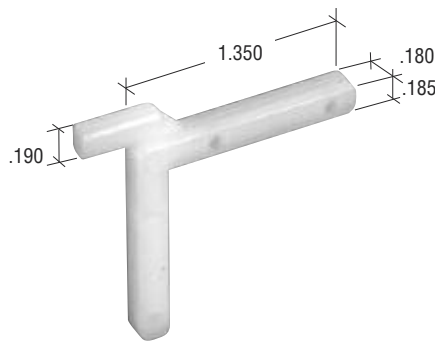
CAT. NO.	QTY/PKG
SK370K	20
SK370B	100

Minimum order: 1 pack or 100 each in bulk.



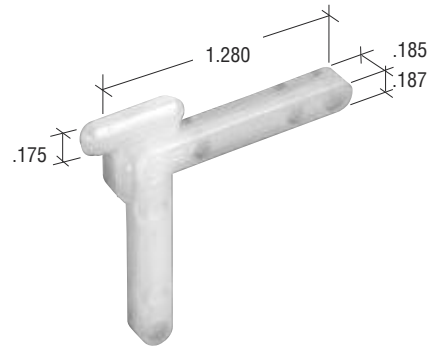
CAT. NO.	QTY/PKG
SK380K	20
PL15151	100

Minimum order: 1 pack.



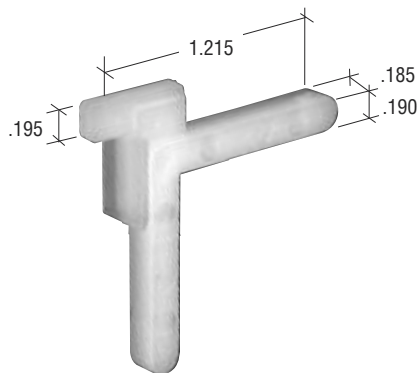
CAT. NO.	QTY/PKG
SK100K	20
SK100B	100

Minimum order: 1 pack or 100 each in bulk.



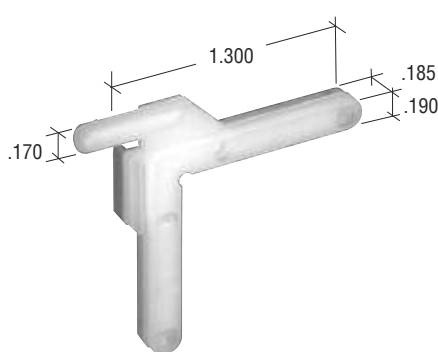
CAT. NO.	QTY/PKG
SK105K	20
SK105B	100

Minimum order: 1 pack or 100 each in bulk.



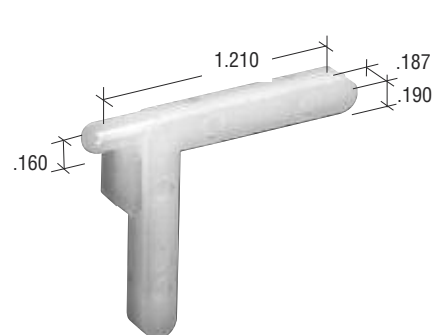
CAT. NO.	QTY/PKG
SK325K	20
SK325B	100

Minimum order: 1 pack or 100 each in bulk.



CAT. NO.	QTY/PKG
SK315K	20
SK315B	100

Minimum order: 1 pack or 100 each in bulk.

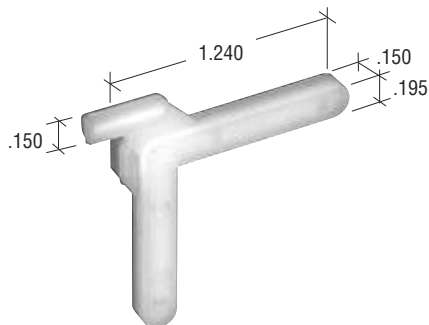


CAT. NO.	QTY/PKG
SK390K	20
SK390B	100

Minimum order: 1 pack or 100 each in bulk.

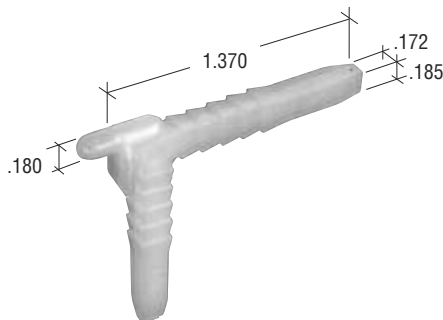
All Storm Window Keys can be combined for quantity pricing.

CRL Plastic Swivel Keys



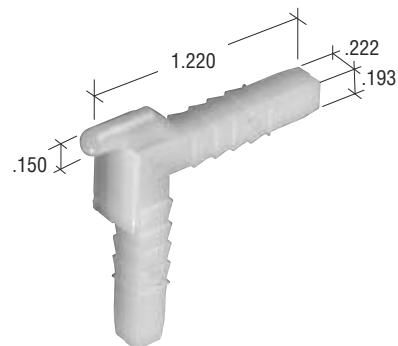
CAT. NO.	QTY/PKG
SK205K	20
SK205B	100

Minimum order: 1 pack or 100 each in bulk.



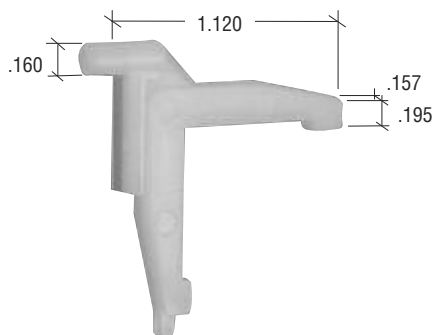
CAT. NO.	QTY/PKG
SK115K	20
SK115B	100

Minimum order: 1 pack or 100 each in bulk.



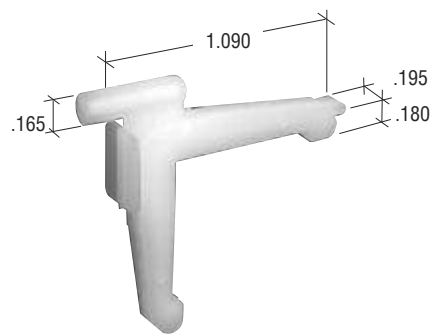
CAT. NO.	QTY/PKG
SK225K	20
SK225B	100

Minimum order: 1 pack or 100 each in bulk.



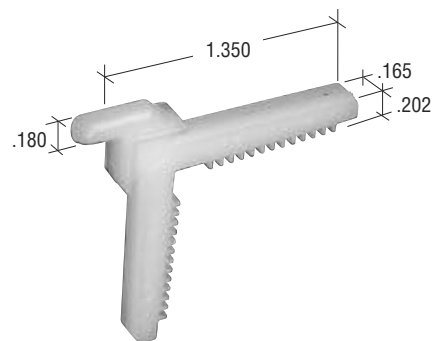
CAT. NO.	QTY/PKG
SK215K	20
SK215B	100

Minimum order: 1 pack or 100 each in bulk.



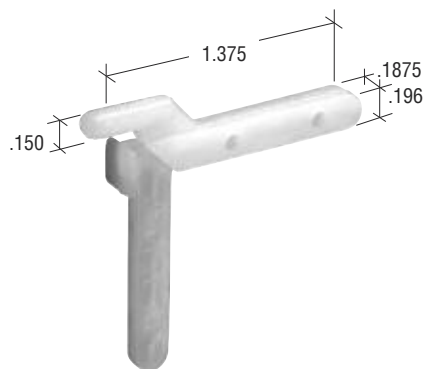
CAT. NO.	QTY/PKG
SK400K	20
SK400B	100

Minimum order: 1 pack or 100 each in bulk.



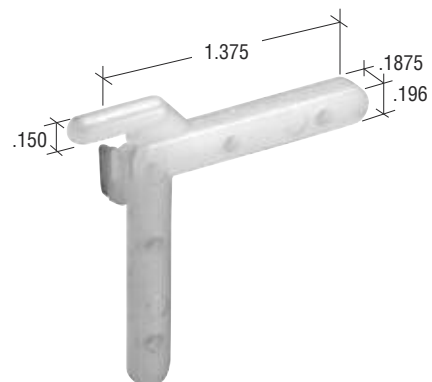
CAT. NO.	QTY/PKG
SK305K	20
SK305B	100

Minimum order: 1 pack or 100 each in bulk.



CAT. NO.	HANDING	QTY/PKG
3461707	Left	20

Minimum order: 1 pack.



CAT. NO.	HANDING	QTY/PKG
3461708	Right	20

Minimum order: 1 pack.

All Storm Window Keys can be combined for quantity pricing.

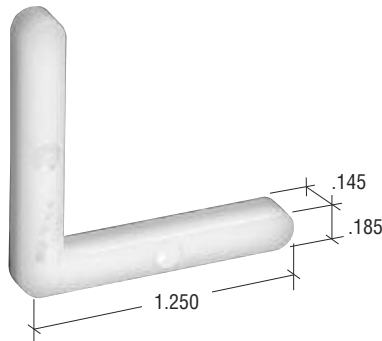
CRL Die-Cast Corner and Swivel Keys

CRL offers a wide selection of Die-Cast Corner and Swivel Key inserts used for the fabrication of storm windows. For additional information, visit crlaurence.com.



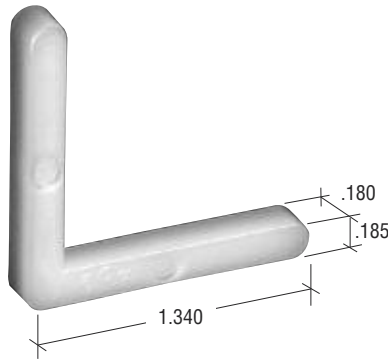
CRL Plastic Corner Keys

CRL offers a wide selection of Plastic Corner Key inserts used for the fabrication of storm windows. These Plastic Corner Keys are made of molded nylon and are designed to fit most storm window frames. The Keys can also be used with some types of CRL-Sash or other storm window frame. Corner Keys are available in packs of 20 each or in bulk tubs of 100 each. For additional information, contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520.



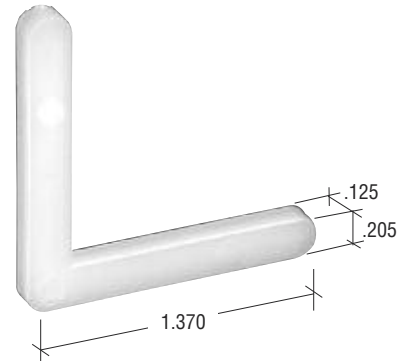
CAT. NO.	QTY/PKG
CK165K	20
CK165B	100

Minimum order: 1 pack or 100 each in bulk.



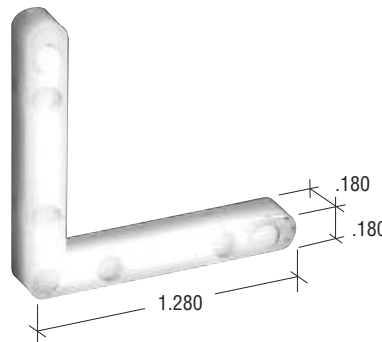
CAT. NO.	QTY/PKG
PL14964	20
PL14965	100

Minimum order: 1 pack.



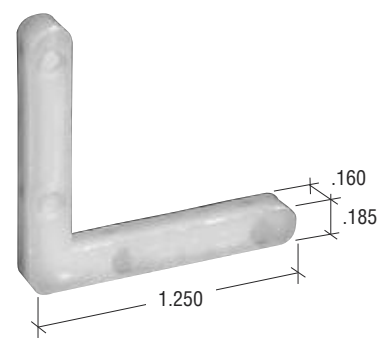
CAT. NO.	QTY/PKG
CK170K	20
CK170B	100

Minimum order: 1 pack or 100 each in bulk.



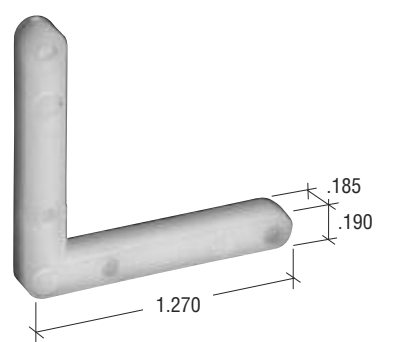
CAT. NO.	QTY/PKG
CK180K	20
CK180B	100

Minimum order: 1 pack or 100 each in bulk.



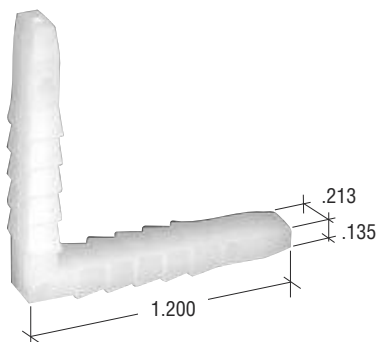
CAT. NO.	QTY/PKG
CK185K	20
CK185B	100

Minimum order: 1 pack or 100 each in bulk.



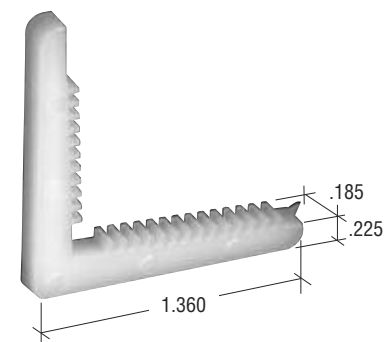
CAT. NO.	QTY/PKG
CK195K	20
CK195B	100

Minimum order: 1 pack or 100 each in bulk.



CAT. NO.	QTY/PKG
CK265K	20
CK265B	100

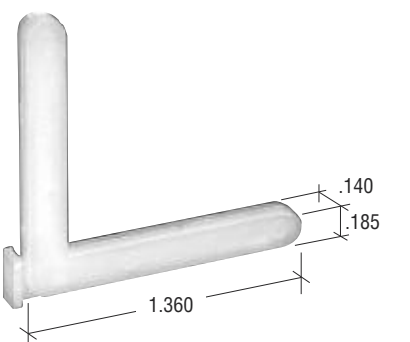
Minimum order: 1 pack or 100 each in bulk.



CAT. NO.	QTY/PKG
CK270K	20
CK270B	100

Minimum order: 1 pack or 100 each in bulk.

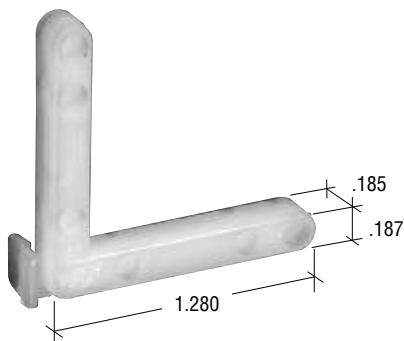
All Storm Window Keys can be combined for quantity pricing.



CAT. NO.	QTY/PKG
CK275K	20
CK275B	100

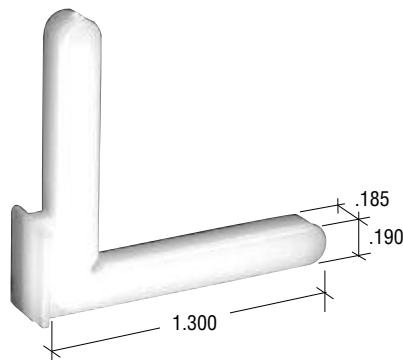
Minimum order: 1 pack or 100 each in bulk.

CRL Plastic Corner Keys



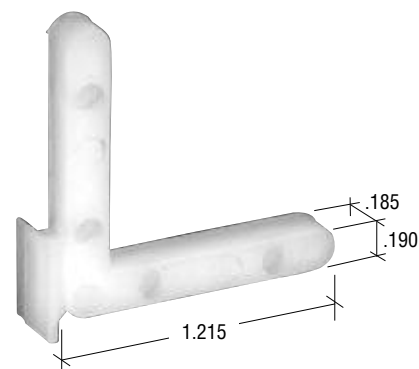
CAT. NO.	QTY/PKG
CK110K	20
CK110B	100

Minimum order: 1 pack or 100 each in bulk.



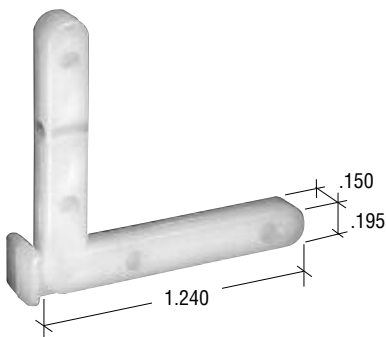
CAT. NO.	QTY/PKG
CK310K	20
CK310B	100

Minimum order: 1 pack or 100 each in bulk.



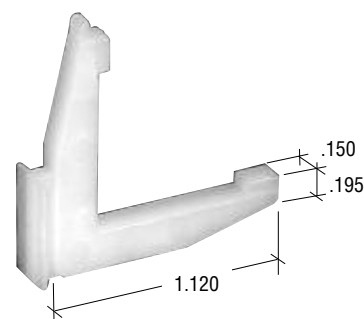
CAT. NO.	QTY/PKG
PL16352	20
PL16353	100

Minimum order: 1 pack.



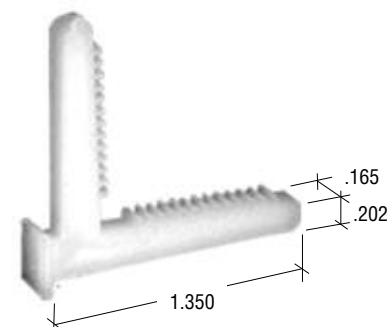
CAT. NO.	QTY/PKG
CK200K	20
CK200B	100

Minimum order: 1 pack or 100 each in bulk.



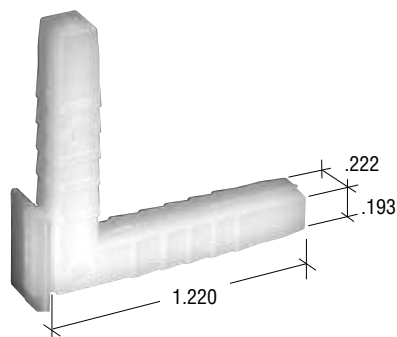
CAT. NO.	QTY/PKG
CK210K	20
CK210B	100

Minimum order: 1 pack or 100 each in bulk.



CAT. NO.	QTY/PKG
CK300K	20
CK300B	100

Minimum order: 1 pack or 100 each in bulk.



CAT. NO.	QTY/PKG
CK230K	20
CK230B	100

Minimum order: 1 pack or 100 each in bulk.

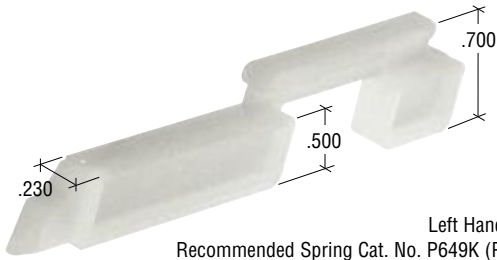
CRL Storm Window Replacement Part Kits

Always be ready to meet your customer's needs for storm panel repair parts with our Storm Window Replacement Part Kits. Each has a good assortment of the most needed storm window replacement parts in a compartmented storage box. See page 549W for more information.



All Storm Window Keys can be combined for quantity pricing.

CRL Slide Bolts



Left Hand Illustrated
Recommended Spring Cat. No. P649K (Page 555W)

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
SB130LK	SB135RK	20
SB130LB	SB135RB	100

Minimum order: 1 pack or 100 each in bulk.



Right Hand Illustrated
Recommended Spring Cat. No. 3366K (Page 555W)

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
SB140LK	SB145RK	20
SB140LB	SB145RB	100

Minimum order: 1 pack or 100 each in bulk.



Left Hand Illustrated
Recommended Spring Cat. No. P649K (Page 555W)

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
SB150LK	SB155RK	20
SB150LB	SB155RB	100

Minimum order: 1 pack or 100 each in bulk.



Right Hand Illustrated
Recommended Spring Cat. No. 3366K (Page 555W)

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
SB230LK	SB235RK	20
SB230LB	SB235RB	100

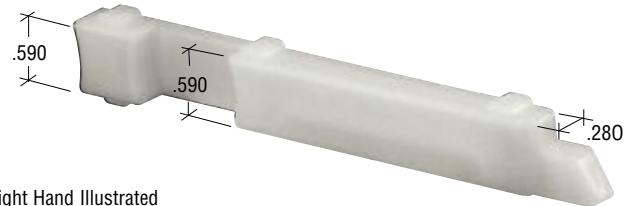
Minimum order: 1 pack or 100 each in bulk.



Left Hand Illustrated
Recommended Spring Cat. No. P340K (Page 555W)

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
PL15342	PL15344	20

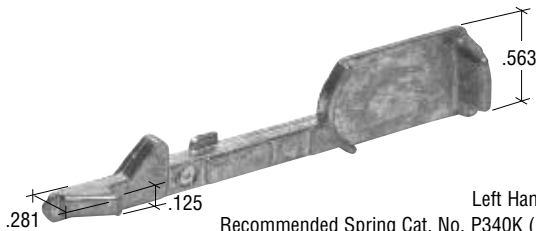
Minimum order: 1 pack or 100 each in bulk.



Right Hand Illustrated
Recommended Spring Cat. No. 3366K (Page 555W)

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
SB250LK	SB255RK	20
SB250LB	SB255RB	100

Minimum order: 1 pack or 100 each in bulk.



Left Hand Illustrated
Recommended Spring Cat. No. P340K (Page 555W)

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
PL15400	PL15402	20

Minimum order: 1 pack or 100 each in bulk.



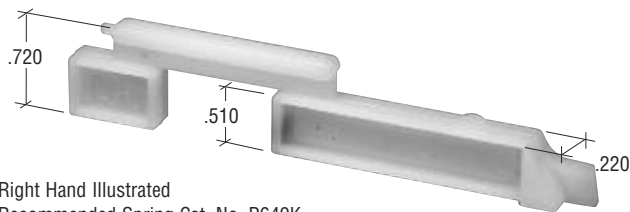
Right Hand Illustrated
Recommended Spring Cat. No. P340K (Page 555W)

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
PL15300	PL15302	20
PL15301	PL15303	100

Minimum order: 1 pack or 100 each in bulk.

All Storm Window Bolts and Springs can be combined for quantity pricing.

CRL Slide Bolts and Springs



Right Hand Illustrated
Recommended Spring Cat. No. P649K

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
SB710LK	SB715RK	20
SB710LB	SB715RB	100

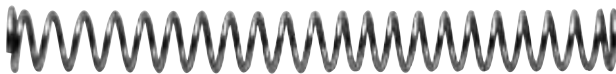
Minimum order: 1 pack or 100 each in bulk.



Right Hand Illustrated
Recommended Spring Cat. No. 3366K

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
SB730LK	SB735RK	20
SB730LB	SB735RB	100

Minimum order: 1 pack or 100 each in bulk.



Stainless Steel; ID: .125; OD: .170; Length: 1.770;
Coils Per Inch: 14

CAT. NO.	QTY/PKG
P340K	20
P340B	100

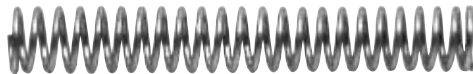
Minimum order: 1 pack or 100 each in bulk.



Plated; ID: .110; OD: .160; Length: 2.000;
Coils Per Inch: 23

CAT. NO.	QTY/PKG
P649K	20
P649B	100

Minimum order: 1 pack or 100 each in bulk.



Plated; ID: .140; OD: .183; Length: 1.125;
Coils Per Inch: 20

CAT. NO.	QTY/PKG
8530K	20
8530B	100

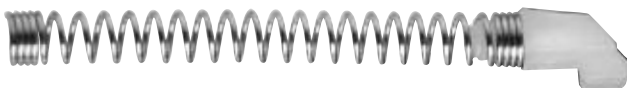
Minimum order: 1 pack or 100 each in bulk.



Stainless Steel; ID: .120; OD: .180; Length: 1.540;
Coils Per Inch: 13

CAT. NO.	QTY/PKG
8566K	20
8566B	100

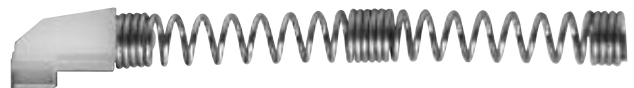
Minimum order: 1 pack or 100 each in bulk.



Stainless Steel; ID: .120; OD: .180; Length: 1.540;
Coils Per Inch: 13; With Plastic Retainer

CAT. NO.	QTY/PKG
8567K	20
8567B	100

Minimum order: 1 pack or 100 each in bulk.



Plated; ID: .125; OD: .170; Length: 1.480;
Coils Per Inch: 14; With Plastic Retainer

CAT. NO.	QTY/PKG
3366K	20
3366B	100

Minimum order: 1 pack or 100 each in bulk.

All Storm Window Bolts and Springs can be combined for quantity pricing.

CRL Bel-Air "Plaza" Combination Door Units

- All-Aluminum Combination Door Units for Manufacturing Flush Combination Doors or to Replace Worn Units
- Safety Glazed With Tempered Glass and Ready to Install Right Out of the Carton
- Variety of Standard Sizes With Clear or Obscure Glass in Mill or Bronze Finish Aluminum Frames
- Standard Widths for Both 1-3/8" and 1-3/4" (35 and 44.5 mm) Thick Doors



Standard Bel-Air Units have a Mill finish



Bronze finish units are also available



Bel-Air "Plaza" Combination Door Units are built to replace worn or broken door units found in many homes, or in the fabrication process using new slab doors.

The Bel-Air "Plaza" allows for controlled ventilation and illumination, turning a regular slab door into a useful combination door. Common uses are back or side doors, utility rooms, etc. 18 x 16 Mesh fiberglass screening is used to keep insects out.

"Plaza" Combination Door Units have a streamlined, all-aluminum design that makes it virtually maintenance free and rust resistant, saving on extensive detail painting. It's glazed with marine grade vinyl to cushion the effect of repeated door slamming. Installation into a prepared opening requires nothing more than a screwdriver.

Available for 1-3/8" (35 mm) or 1-3/4" (44.5 mm) thick doors, "Plaza" Combination Door Units come in seven sizes: Five for new door fabrication or replacement of older "Plaza" Combination Door Units, and two for the replacement of competitive old fashioned combination door units found in many regions of the country.

All CRL Bel-Air Door Units come with clear tempered glass and mill finish frames. Tempered obscure glass and/or bronze finish frames are also available in all standard "Plaza" sizes. Custom size "Plaza" units are quoted on request in any quantity you need. See page 559W.



Bel-Air "Plaza" Door Units install from the exterior, and are held in place with an interior trim ring. Standard Bel-Airs are available for both 1-3/8" (35 mm) and 1-3/4" (44.5 mm) thick doors.



Fabricators can save by buying Bel-Air "Plaza" Door Units in bulk cartons. Contact CRL Technical Sales for pricing on bulk-packed Bel-Air "Plaza" Door Units.

STANDARD BEL-AIR "PLAZA" UNITS WITH CLEAR TEMPERED GLASS AND MILL ALUMINUM FRAME FOR SLAB DOORS

1-3/4" DOORS CAT. NO.	1-3/8" DOORS CAT. NO.	DOOR SIZE	INNER FRAME SIZE WIDTH X HEIGHT	OVER-ALL OPENING SIZE (INCL. 1/8" CLEARANCE)
BAP204	BAP208	2-0 (24"/610 mm)	14-5/8" x 30" (372 x 762 mm)	14-3/4" x 30-1/8" (375 x 765 mm)
BAP244	BAP248	2-4 (28"/711 mm)	18-5/8" x 30" (473 x 762 mm)	18-3/4" x 30-1/8" (476 x 765 mm)
BAP264	BAP268	2-6 (30"/762 mm)	20-5/8" x 30" (524 x 762 mm)	20-3/4" x 30-1/8" (527 x 765 mm)
BAP284	BAP288	2-8 (32"/813 mm)	22-5/8" x 30" (575 x 762 mm)	22-3/4" x 30-1/8" (578 x 765 mm)
BAP304	BAP308	3-0 (36"/914 mm)	24-5/8" x 30" (625 x 762 mm)	24-3/4" x 30-1/8" (628 x 765 mm)

"PLAZA" REPLACEMENT UNITS WITH CLEAR TEMPERED GLASS AND MILL ALUMINUM FRAME FOR COMPETITIVE OLD FASHIONED COMBINATION DOORS

1-3/4" DOORS CAT. NO.	1-3/8" DOORS CAT. NO.	DOOR SIZE	INNER FRAME SIZE WIDTH X HEIGHT	OVER-ALL OPENING SIZE (INCL. 1/8" CLEARANCE)
BACP264	BACP268	2-0 (24"/610 mm)	20-3/4" x 38-3/4" (527 x 984 mm)	20-7/8" x 38-7/8" (530 x 987 mm)
BACP284	BACP288	2-4 (28"/711 mm)	22-3/4" x 38-3/4" (578 x 984 mm)	22-7/8" x 38-7/8" (581 x 987 mm)

Minimum order: 1 each. All Bel-Air Units can be combined for quantity pricing. F.O.B. all CRL service centers.

CRL E-Z Install Combination Door Units

- Designed for Doors From 1-3/8" to 1-3/4" (35 to 44.5 mm) Thick
- Available in Standard and Custom Sizes
- Glazed With Clear Tempered Glass
- Obscure Glass on Special Order
- Mill Finish Aluminum Frames are Standard, Bronze Finish Available on Special Order



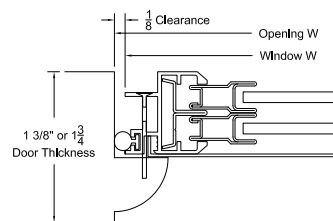
Add ventilation and light to a utility room or back porch by installing an E-Z Install Window into a regular slab door. CRL E-Z Install Combination Door Units can be used to replace existing units or for new door construction. The all-aluminum units are easily installed using just a hammer and nails or screwdriver, and will fit doors from 1-3/8" to 1-3/4" (35 to 44.5 mm) thick.

Like CRL's other Bel-Air Door Units, the E-Z Install can be special ordered with obscure glass and/or bronze finish frames. Custom sizes can be ordered by contacting CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. You can also send e-mail from the home page of crlaurence.com. Click on Contact Us, then click on Technical Sales for Door and Window Products.



CRL Bel-Air E-Z Install Units P/N BAEZ_ Installation Instructions

1. Remove the window from package and inspect. Advise CRL immediately if any damage is noted.
2. Remove both Sliding Panels
3. Drop the unit in against already installed oval "O" stops.
4. Secure the window using 3/4" to 1" wood nails. Run nails through each side of the window. Minimum three (3) nails are required per each vertical side, and one (1) at the top and bottom of the window.
5. Reinstall vent units. Door is now ready for shipment / installation.



• 18 x 16 Mesh Fiberglass Screen

CRL E-Z Install Door Units come to you ready for installation. Just remove both sliding panels, place the unit against the stops and then use either nails or screws to secure the window to the door. Easy to follow installation instructions are provided.

E-Z INSTALL UNITS WITH CLEAR TEMPERED GLASS AND MILL ALUMINUM FRAME

CAT. NO.	INNER FRAME SIZE WIDTH X HEIGHT	OVER-ALL OPENING SIZE (INCL. 1/8" CLEARANCE)
BAEZ264	21-5/8" x 36-1/2" (549 x 927 mm)	21-7/8" x 36-3/4" (556 x 933 mm)
BAEZ284	23-5/8" x 36-1/2" (600 x 927 mm)	23-7/8" x 36-3/4" (606 x 933 mm)
BAEZ304	27-5/8" x 36-1/2" (701 x 927 mm)	27-7/8" x 36-3/4" (708 x 933 mm)

Minimum order: 1 each. All Bel-Air Units can be combined for quantity pricing. F.O.B. all CRL service centers.

CRL Bel-Air Look-Out Door Lites

- Fixed Glass Panels to be Used in Doors Where a Sliding Sash Unit is Not Required
- Available for 1-3/4" (44.5 mm) Thick Doors
- Also Available in Custom Sizes and Finishes in Bulk Packaging for Door Fabricators

CRL's Look-Out Door Lites for Bel-Air Units are ideally used where sliding sash units are not required. Look-Out Door Lites have a single pane of 1/8" (3 mm) tempered clear glass surrounded by a mill finish aluminum frame.

Look-Out Door Lites come in a number of standard sizes, but can be custom ordered to your specifications. Obscure glass and special frame finishes can also be ordered upon request.

Bulk packaging of standard or custom Look-Out Door Lites is available for door fabricators by contacting CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520.



LOOK-OUT DOOR LITES WITH CLEAR TEMPERED GLASS AND MILL ALUMINUM FRAME

1-3/4" DOORS CAT. NO.	INNER FRAME SIZE WIDTH X HEIGHT	OVERALL OPENING SIZE (INCL. 1/4" CLEARANCE)
BALW134	13-1/4" x 13-1/4" (337 x 337 mm)	13-1/2" x 13-1/2" (343 x 343 mm)
BALW204	15-1/4" x 20-1/4" (387 x 514 mm)	15-1/2" x 20-1/2" (394 x 521 mm)
BALW254	25-1/4" x 25-1/4" (641 x 641 mm)	26-1/2" x 26-1/2" (673 x 673 mm)
BALW284	23-1/4" x 20-1/4" (591 x 514 mm)	23-1/2" x 20-1/2" (597 x 521 mm)
BALW304	27-1/4" x 20-1/4" (692 x 514 mm)	27-1/2" x 20-1/2" (699 x 521 mm)

Minimum order: 1 each. All Look-Out Door Lites can be combined for quantity pricing. F.O.B. all CRL service centers.

CRL Half-Sash for Bel-Air Combination Door Units



- Sizes to Fit All Plaza Style Door Units
- Standard Units Have Mill Finish Frames and Clear Tempered Glass
- Available in Custom Sizes and Finishes



CRL's Half-Sash Door Units are designed to replace damaged single panels instead of the entire door unit. They are completely assembled and ready for easy installation. Custom sizes and finishes available by contacting the CRL Door and Window Department.



HALF-SASH FOR STANDARD BEL-AIR "PLAZA" DOOR UNITS

CAT. NO.	FITS PLAZA DOOR UNITS	HALF-SASH SIZE (W X H)
BAHS1315	BAP204/BAP208	13-1/4" x 15-1/8" (337 x 384 mm)
BAHS1715	BAP244/BAP248	17-1/4" x 15-1/8" (438 x 384 mm)
BAHS1915	BAP264/BAP268	19-1/4" x 15-1/8" (489 x 384 mm)
BAHS2115	BAP284/BAP288	21-1/4" x 15-1/8" (540 x 384 mm)

Minimum order: 1 each. All Half-Sash Units can be combined for quantity pricing. F.O.B. all CRL service centers.

HALF-SASH FOR COMPETITIVE 'PLAZA-TYPE' UNITS

CAT. NO.	FITS PLAZA DOOR UNITS	HALF-SASH SIZE (W X H)
BAHS1919	BACP264/BACP268	19-3/8" x 19-1/2" (492 x 495 mm)
BAHS2119	BACP284/BACP288	21-3/8" x 19-1/2" (543 x 495 mm)

HALF-SASH FOR BEL-AIR PANEL AND "COUNTRY" COMBINATION DOORS

CAT. NO.	FITS PLAZA DOOR UNITS	HALF-SASH SIZE (W X H)
BAHS1920	2-0 (24"/610 mm)	19-1/4" x 20-5/8" (489 x 524 mm)
BAHS2020	2-4 (28"/711 mm)	20-1/4" x 20-5/8" (514 x 524 mm)
BAHS2120	2-6 (30"/762 mm)	21-1/4" x 20-5/8" (540 x 524 mm)
BAHS2320	2-8 (32"/813 mm)	23-1/4" x 20-5/8" (591 x 524 mm)
BAHS2720	3-0 (36"/914 mm)	27-1/4" x 20-5/8" (692 x 524 mm)

Minimum order: 1 each. All Half-Sash Units can be combined for quantity pricing. F.O.B. all CRL service centers.

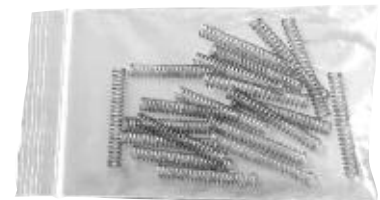
CRL Springs for Bel-Air Slide Bolts

- Used to Repair Slide-Bolts in All CRL Bel-Air Combination Door Units



CAT. NO. BA301

Springs come 20 per pack.
Minimum order is one pack.



CRL Bel-Air Custom Combination Door Units

- Custom Sizes Available for All Bel-Air Units
- Bulk Crated Units for Fabricators
- Clear or Obscure Tempered Glass

CRL offers all styles of Bel-Air Combination Door Units in custom sizes designed to your exact specifications. Fabricated to the same CRL quality requirements as our standard Bel-Air Units, our custom Bel-Air Units are available with either clear or obscure 1/8" (3 mm) tempered glass surrounded by mill, bronze or powder coated finish aluminum frames.

NOTE: Maximum custom unit dimensions: 24-5/8" (625 mm) in width; 42" (1067 mm) in height.

Door fabricators all over North America have used CRL Bel-Air Units for years because they are perfect for improving ventilation and light in utility rooms or back porches. All Bel-Air Door Units have a streamlined, all-aluminum design that makes them virtually maintenance free and rust resistant.

Custom Bel-Air Units are fabricated in our Los Angeles manufacturing facility, and can be shipped from any CRL Service Center. That's important for door production facilities that rely on quick lead times to assure a constant supply of units. Bulk packed Bel-Air Units also save fabricators time and money because they are ready to install right out of the crate.

For additional information regarding custom made units contact the CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Door and Window Products.



Bel-Air Unit With
Clear Tempered Glass



Bel-Air Unit With
Obscure Tempered Glass



Plaza Combination Units

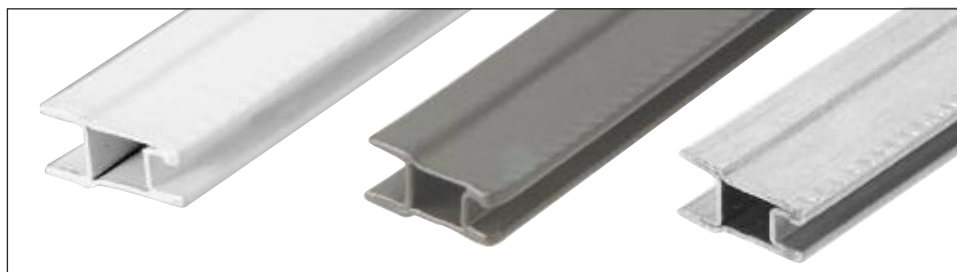


E-Z Install Door Units



Look-Out Door Units

- Mill, Bronze or Powder Coated Finish Aluminum Frames



CRL TrimQuick® Vinyl Trim for Windows and Doors

- Makes it Easier Than Ever to Create Custom Finishing Solutions
- Meets the Demand of the Remodeling and Replacement Markets
- Fabrication and Installation is Fast and Easy
- Made From 100% Virgin PVC Material

CRL TrimQuick® Vinyl Trims provide beautiful, protective surrounds that fill in gaps between newly installed windows and doors that results in a look of old world craftsmanship. TrimQuick® makes it easier than ever to create custom finishing solutions. It is simple to work with and install, so retro-fitted windows and doors can achieve a finished look in very little time and with minimum clean up.

We offer the most popular colors, shapes, and sizes used by the industry. Our PVC is 100% virgin material, and 10% of this is titanium dioxide which ensures long lasting UV protection.

For full details on the entire CRL TrimQuick® program contact our Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also get details at crlaurence.com.



CRL TrimQuick® Vinyl Stop for Retro-Fitting Patio Doors

- White Finish UV Protected PVC

CRL TrimQuick® Vinyl Stop installs fast, and is ideal for gaps of less than 1/2" (12.7 mm). For gaps larger than 1/2" (12.7 mm) and smaller than 1" (25.4 mm) you can double stack and stagger two pieces, creating an attractive 'stepped' detail.



- Pre-Taped on Two Sides

The white finish UV protected PVC material is pre-taped on two sides. Simply peel back the protective liner, trim, and install. TrimQuick® saves time and expense as you peel, stick, caulk, and then walk away from a beautifully finished installation.



Vinyl Stop Used as a Jamb Extender



Vinyl Stop Used as a Base Shoe to Cover Gap

CAT. NO.	COLOR	SIZE	LENGTH	QTY/PKG
VS1275W	White	1/2" x 3/4" (12.7 x 19 mm)	12' (3.66 m)	25
VS751W	White	3/4" x 1" (19 x 25.4 mm)	12' (3.66 m)	25

Minimum order: 1 each. All CRL TrimQuick® stock lengths can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

TrimQuick is a registered trademark of TrimQuick Company.

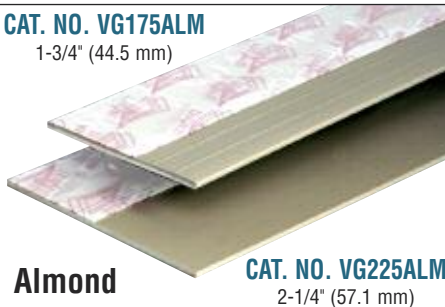
CRL TrimQuick® Vinyl Flat Trim for Retrofitting Windows and Doors

- Fill Any Size Gap With an Easy Snap
- Bend, Split, and Strip in Less Than 10 Seconds
- Choose From Two Widths and Three Colors
- Adhesive Strip for Quick and Easy Installation
- Uses Deep Score Technology for Fast Sizing and Smooth Finishes



Use Vinyl Flat Trim to fill gaps when retrofitting over old aluminum frames. Fills any gap between 1/4" and 1-1/2" (6.3 and 38.1 mm).

NOTE: Avoid coiling Trim during storage. This can permanently warp Trim and cause it to move away from the window frame after installation.



The core product in our selection of TrimQuick® solutions is the Vinyl Flat Trim. Three available colors and a choice of widths creates some liberty for the installer to deal with the various gap sizes presented when replacement windows are installed over existing steel, vinyl or aluminum frames.

In many cases the gap at the top of the opening is much larger than the gap at the bottom or sides. Installers can easily center new

windows side to side. Centering up and down can be more difficult, especially where sills have been built up with stool and apron.

Vinyl Flat Trim is pre-taped for permanent attachment. The adhesive strip will stick to most any clean, dry, and dust-free surface. And since you cut off just what you need from the 12 foot (3.66 m) stock length, there's very little waste.



Bend at the Desired Width



Split the End



Peel for a Clean Finish



NOTE ABOUT COLORS:

Tan matches Milgard®.
Almond closely matches
CertainTeed®, Atrium®,
and Anlin®

TrimQuick and Deep Score are registered trademarks of TrimQuick Company. Milgard is a registered trademark of Milgard Manufacturing Incorporated. CertainTeed is a registered trademark of CertainTeed Corporation. Atrium is a registered trademark of Atrium Windows and Doors, Inc. Anlin is a registered trademark of Anlin Industries, Inc.

CAT. NO.	COLOR	WIDTH	THICKNESS	LENGTH	QTY/PKG
VG175W	White	1-3/4" (44.5 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG175ALM	Almond	1-3/4" (44.5 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG175T	Tan	1-3/4" (44.5 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG225W	White	2-1/4" (57.1 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG225ALM	Almond	2-1/4" (57.1 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG225T	Tan	2-1/4" (57.1 mm)	1/16" (1.6 mm)	12' (3.66 m)	25

Minimum order: 1 each. All CRL TrimQuick® stock lengths can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL TrimQuick® Vinyl Window and Patio Door Casing

- Decorative Solutions for Small Jamb Extensions
- Three Shapes Handle a Variety of Installations
- Pre-Taped Casing So You Can Just Peel, Stick, Caulk, and Walk

It's as Easy as 1 - 2 - 3



1. Add L-Shape to Cover Jamb and Drywall



2. Use Corner Clip for Perfect Finish



3. Add Flat Trim to Fill Gap Between Jamb and Frame



CAT. NO. CNRCLP1
Corner Clip for TQ356W Casing



CAT. NO. TQ356W
Window Casing



CAT. NO. VL21W and VL315W
"L" Trim



CAT. NO. Z151W
"Z" Trim

CRL TrimQuick® Vinyl Window and Patio Door Casing is available in three shapes to handle a wide variety of applications. It's a package of decorative solutions for vinyl window and patio door installations.

Trimming windows is easy using our Cat. No. TQ356W Pre-Taped Casing and Cat. No. CNRCLP1 Corner Clips. The miter will hold together with control and accuracy. Use a fine tooth blade like our Cat. No. SHS10X200 to cut the casing like wood.

Our VL21W and VL315W "L" Trim Vinyl can be used as jamb caps for old aluminum frame or wood windows. Just miter or notch the ends and then apply our M64 Polyurethane Sealant to the "L" shape to install. No nailing or painting is required.

Our VL315W "L" Trim Vinyl can be used to cover old, damaged stucco on the base of patio doors. To make a fast waterproof sill pan, just use some pieces of our VL21W "L" Trim and our Z151W "Z" shape Trim Vinyl, as shown below. Very simple and convenient.



Apply VL21 "L" Shape with M64 Polyurethane Sealant



Fasten Sill Pan to Wall and Seal Seam

CAT. NO.	DESCRIPTION	SIZE	LENGTH	QTY/PKG
TQ356W	White Window Casing Vinyl	2-1/4" x 1/2" (57.1 x 12.7 mm)	12' (3.66 m)	5
VL21W	White "L" Trim Vinyl	2" x 1" (50.8 x 25.4 mm)	12' (3.66 m)	5
VL315W	White "L" Trim Vinyl	3" x 1-1/2" (76.2 x 38.1 mm)	12' (3.66 m)	5
Z151W	White "Z" Trim Sill Pan Vinyl	1" x 4-1/4" x 1" (25.4 x 108 x 25.4 mm)	12' (3.66 m)	5
CNRCLP1	Corner Clip for TQ356W	--	--	1

Minimum order: 1 each. All CRL TrimQuick® stock lengths can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

TrimQuick is a registered trademark of TrimQuick Company.

CRL Vinyl Weld

- Bonds PVC to PVC
- Choice of Three Matching QuickTrim Colors

Use CRL Vinyl Weld when bonding PVC to PVC. This gives you the ability to weld any part of a vinyl window or door in the field because it cures and becomes rigid PVC. 1/2-ounce (15 ml) tubes have a fine nozzle for precise sealing.



CAT. NO.	COLOR
VW1W	White
VW1ALM	Almond
VW1T	Tan

Minimum order: 1 each.

CRL QuickBit and QuickCaps

- Drills Two Holes at the Same Time
- Saves Time and Labor

CRL QuickBit is a Countersink/Driver Bit that creates a 1/8" (3.2 mm) pilot hole for your screw and at the same time forms a 3/8" (9.5 mm) countersink for QuickCaps that are easily pressed into place. QuickCaps include 50 each 3" (76.2 mm) screws and 50 each white hole covers.



The QuickBit starts the hole with an 1/8" Drill Bit...



and finishes the hole with the 3/8" Countersink



Install the Screw



Snap on the QuickCap

CAT. NO.	DESCRIPTION
QU1CKB1T	1 Each QuickBit Drill Kit
QC5050	50 Each QuickCaps Hole Covers and Screws

Minimum order QU1CKB1T: 1 each; QC5050: 1 pack.

TrimQuick is a registered trademark of TrimQuick Company.

CRL Construction Sealants

We offer all the sealants required to complete your CRL TrimQuick® installations. Get full details at crlaurence.com or refer to the pages shown below.

CRL 33S Silicone Sealant

See page 854W



CRL 321 Acrylic Latex With Silicone

See page 858W



CRL M64 and M65W Urethane Construction Sealants

See pages 856W-857W



CRL Handi-Seal Window and Door Sealant

CAT. NO. F61000

- Low Pressure and Minimal Expansion Sealing Foam

CRL Handi-Seal Window and Door Sealant is a one-component, closed cell polyurethane foam in a pressurized can specially formulated for window and door applications.

Its unique low pressure and minimal expansion properties virtually eliminate the chance of bowing that can lead to customer callbacks. Easily dispensed with our Cat. No. F61000 Plastic Dispensing Gun. 12 cans per case. Minimum order is one each. For more information, see page 861W.



CAT. NO. P10163

CRL Adjustable Multi-Cutter Tool

- Makes Precise Straight or Miter Cuts
- Comes With One Blade



The CRL Adjustable Multi-Cutter is great for cutting glazing vinyl and channel, rubber gaskets, PVC strips, trim molding, and weatherstrip. Simply adjust the guide with the desired angle line on the tool's platform and you have a perfect miter cut every time. Platform is marked at 135, 120, 105, 90, 75, 60 and 45 degrees. The Multi-Cutter is made of high quality steel with vinyl handgrips for comfort when cutting. Includes one blade.

CAT. NO.	DESCRIPTION
MC80N	Adjustable Multi-Cutter Tool
MC80RB	Replacement Blades (5/Pk)

Minimum order: MC80N is 1 each, MC80RB is 1 pack.

Design Your Own Custom Window With CRL Grids and Foil Tapes

- Simulates French or Colonial Windows
- Choice of Aluminum or PVC Profiles

A popular option for custom or replacement residential windows is to have Grid designs. Having windows replaced or custom built to achieve this French or Colonial appearance is very expensive, and the lead times for manufacturing this look is very lengthy. CRL presents you an alternative with a variety of stick-on Grids and Foil Tapes that can be fabricated and installed on existing window glass without replacing the window. Use your originality to create an attractive appearance that will last for years.



CRL Ribbed Aluminum Grid

- Available in 96" (2.4 m) Lengths
- Use CRL RTV408C Clear Silicone to Install



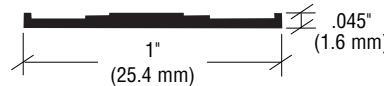
This CRL Ribbed Aluminum Grid stock is designed to be installed onto existing glass windows to produce a French or Colonial window appearance. The Grid is applied to the window surface using Cat. No. RTV408C Clear Silicone as an adhesive.

CAT. NO.	FINISH
GR090BRZ	Bronze
GR092W	White

Minimum order: 50 each. Must be ordered in increments of 50 lengths. Lengths can be shipped via UPS. Finishes and sizes can be combined for quantity pricing.

CRL Flat PVC Grid

- Easy Installation
- Available in 96" (2.4 m) Lengths



CRL PVC Flat Grid has a 1" (25.4 mm) flat base and a 1/16" (1.6 mm) high profile, and is adhered to the glass using Cat. No. RTV408C Clear Silicone as an adhesive. The Grid can be used by itself or in conjunction with either low or high profile Step Grids when the back side of a sliding glass window does not have enough clearance to accept a Step Grid on both sides.

CAT. NO.	FINISH
GR100BRZ	Bronze
GR102W	White

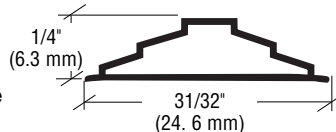
Minimum order: 20 each. Must be ordered in increments of 20 lengths. Lengths can be shipped via UPS. Finishes and sizes can be combined for quantity pricing.

CRL Low Profile PVC Step Grid

- 1/4" (6.3 mm) Profile
- Available in 96" (2.4 m) Lengths



CRL Low Profile Step Grid gives the appearance of wood window grids. It has a 31/32" (24.6 mm) flat base and a 1/4" (6.3 mm) high profile that is adhered to the glass using Cat. No. AT0451 Transparent Very Hi-Bond Adhesive Tape. The Grid can be used by itself or in conjunction with flat profile grids when the back side of a sliding glass window does not have clearance to accept a stepped grid on both sides.



CAT. NO.	FINISH
GR200BRZ	Bronze
GR202W	White

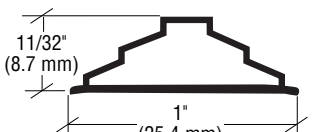
Minimum order: 10 each. Must be ordered in increments of 10 lengths. Lengths can be shipped via UPS. Finishes and sizes can be combined for quantity pricing.

CRL High Profile PVC Step Grid

- Available in 96" (2.4 m) Lengths
- Use CRL Transparent Very Hi-Bond Tape to Install



CRL High Profile Step Grid gives the appearance of wood window grids. It has a 1" (25.4 mm) flat base and a 1 1/32" (8.7 mm) high profile that is adhered to the glass using Cat. No. AT0451 Transparent Very Hi-Bond Tape. The Grid can be used by itself or in conjunction with flat profile grids when the back side of a sliding glass window does not have clearance to accept a stepped grid on both sides.



CAT. NO.	FINISH
GR300BRZ	Bronze
GR302W	White

Minimum order: 10 each. Must be ordered in increments of 10 lengths. Lengths can be shipped via UPS. Finishes and sizes can be combined for quantity pricing.

CRL Clear RTV Industrial and Construction Silicone

- Perfect for Installing Aluminum and PVC Grids
- Excellent Adhesion to Most Surfaces



CRL RTV408 is a neutral cure, medium modulus silicone sealant that cures to a tough, flexible rubber when exposed to moisture. CRL RTV408 features primerless adhesion to aluminum, stainless steel, chromium, tin, iron, plastics, rigid PVC, vinyl, phenolic resin, glass, ceramic, and most reflective-coated glasses. Its fast cure time and easy tooling make it ideal for many in-house production applications. RTV408C is recommended for installing CRL's Ribbed Aluminum Grids and PVC Flat Grids to windows. See page 855W for more information.

CAT. NO. RTV408C

CRL Translucent Acrylic Very Hi-Bond Adhesive Tape

- Instant Pressure Sensitive Bonding for the Application of CRL Step Grid



- Available in Four Widths

Ideal for the installation of CRL's Cat. No.'s GR200 and GR300 Series Grids, our Translucent Acrylic Double-Sided Very Hi-Bond Adhesive Tape is designed for a variety of applications including window grids, furniture, appliances, auto trim attachments, signs, graphics, construction uses to replace mechanical fasteners and welds, and whenever a waterproof bond in a wide range of temperature conditions exists.

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH
AT04512	1/2" (12.7 mm)	.045" (1.2 mm)	108' (33 m)
AT04534	3/4" (19 mm)	.045" (1.2 mm)	108' (33 m)
AT0451	1" (25.4 mm)	.045" (1.2 mm)	108' (33 m)
AT0452	2" (50.8 mm)	.045" (1.2 mm)	108' (33 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Lead Foil Tape

- Ideal for Creating Diamond Window Effects



- Gives "Leaded" Window Look

- Three Widths

CRL Lead Foil Tape is ideal for use in creating imitation diamond or square windows. The tape, with its clear adhesive backing, gives windows a distinctive "leaded" look. It is also good for decorative borders in leaded glass designs. Rolls are 108 feet (33 m) in length. Tape is 5 mils (.127 mm) thick.



CAT. NO.	WIDTH
42238	3/8" (9.5 mm)
42212	1/2" (12.7 mm)
42234	3/4" (19 mm)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL 3M Aluminum Foil Tape

- Long Term Indoor and Outdoor Aging Characteristics



- Perfect for Decorative Patterns on Windows

- Three Widths

CRL 3M Aluminum Foil Tape is perfect for making decorative patterns and designs on windows since it provides excellent radiation for both heat and light and has indoor and outdoor long aging characteristics. Rolls are 180 feet (54.8 m) in length. Tape is 4.5 mils (.114 mm) thick.

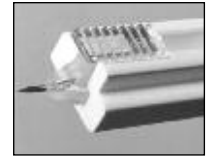
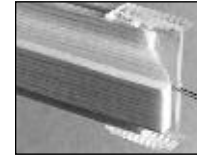
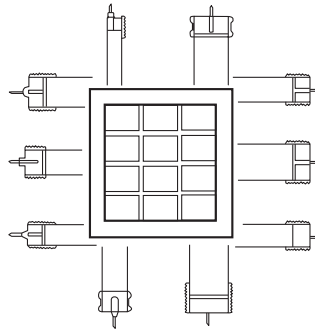


CAT. NO.	WIDTH
3M42538	3/8" (9.5 mm)
3M42512	1/2" (12.7 mm)
3M425112	1-1/2" (38.1 mm)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Window Grid Retainer Installations

- Different Styles Available for Various Grid Designs and Widths
- Manufactured in Clear Polycarbonate for Strength and Thermal Resistance
- 20 Gauge Metal Pin is Clear Zinc Plated for Weather Resistance

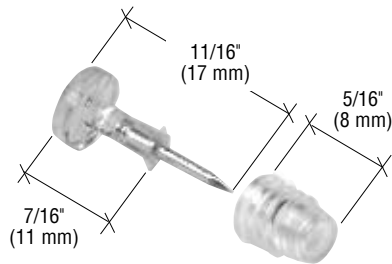


Many homeowners add colonial style wood grids to their window frames to provide a different and updated look. Grid Retainers are used to secure the wood grids in place within the window frame. CRL offers all the different styles and designs of Grid Retainers to

accommodate the various window grids. The Retainers are fabricated from clear polycarbonate which maximizes strength for all weather conditions. The Retainers are also designed with varying lengths of 20 gauge metal pins that work with different styles of wood grids.

CRL Window Grid Retainer Pin

Clear polycarbonate sleeve with plunger and steel pin; used as a Grid Retainer for colonial style wood window grids.

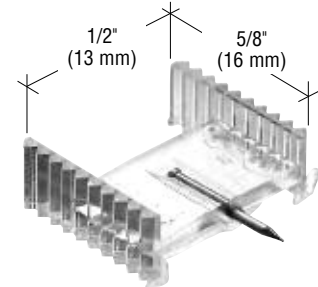


CAT. NO.	QTY/PKG
L5651	6

Minimum order: 1 pack.

CRL 1/2" Window Grid Retainer

Clear polycarbonate retainer with steel pin; used as a Grid Retainer for colonial style window grids. Retainer fits a 1/2" (13 mm) wide grid. Pin projects 5/16" (8 mm).

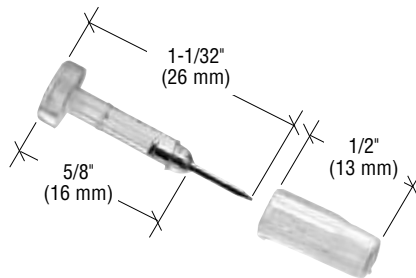


CAT. NO.	QTY/PKG
L5648	6

Minimum order: 1 pack.

CRL Window Grid Retainer Pin

Clear polycarbonate sleeve with plunger and steel pin; used as a Grid Retainer for colonial style wood window grids.

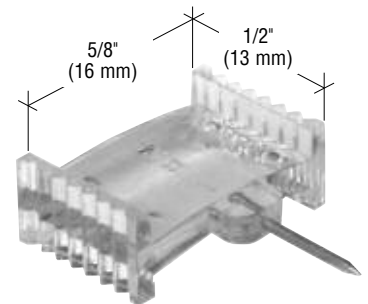


CAT. NO.	QTY/PKG
L5650	6

Minimum order: 1 pack.

CRL 5/8" Window Grid Retainer

Clear polycarbonate retainer with steel pin; used as a Grid Retainer for colonial style window grids. Retainer fits a 5/8" (16 mm) wide grid. Pin projects 3/8" (10 mm).

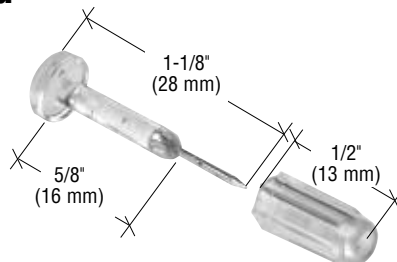


CAT. NO.	QTY/PKG
L5645	6

Minimum order: 1 pack.

CRL Window Grid Retainer Pin

Clear polycarbonate sleeve with plunger and steel pin; used as a Grid Retainer for colonial style wood window grids.

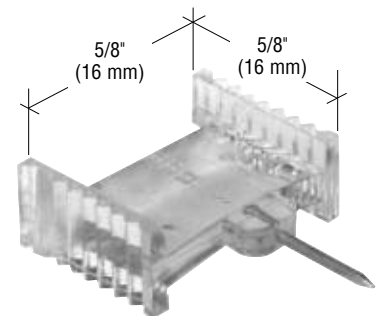


CAT. NO.	QTY/PKG
L5649	6

Minimum order: 1 pack.

CRL 5/8" Window Grid Retainer

Clear polycarbonate retainer with steel pin; used as a Grid Retainer for colonial style window grids. Retainer fits a 5/8" (16 mm) wide grid. Pin projects 5/16" (8 mm).



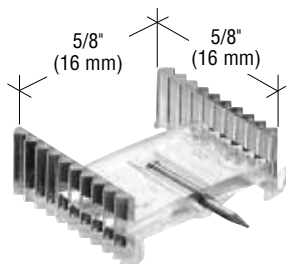
CAT. NO.	QTY/PKG
L5647	6

Minimum order: 1 pack.

All Windows Grid Retainers can be combined for quantity pricing.

CRL 5/8" Window Grid Retainer

Clear polycarbonate retainer with steel pin; used as a Grid Retainer for colonial style window grids. Retainer fits a 5/8" (16 mm) wide grid. Pin projects 5/16" (8 mm).

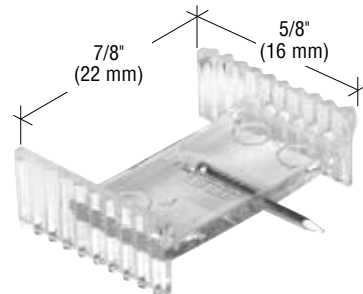


CAT. NO.	QTY/PKG
L5662	6

Minimum order: 1 pack.

CRL 7/8" Window Grid Retainer

Clear polycarbonate retainer with steel pin; used as a Grid Retainer for colonial style window grids. Retainer fits a 7/8" (22 mm) wide grid. Pin projects 1/4" (6 mm).

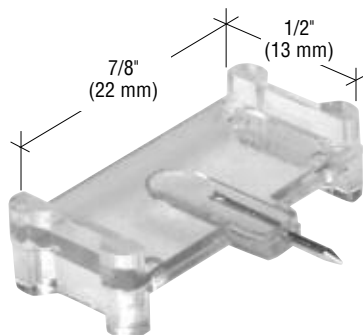


CAT. NO.	QTY/PKG
L5646	6

Minimum order: 1 pack.

CRL 7/8" Window Grid Retainer

Clear polycarbonate retainer with steel pin; used as a Grid Retainer for colonial style window grids. Retainer fits a 7/8" (22 mm) wide grid. Pin projects 1/4" (6 mm).

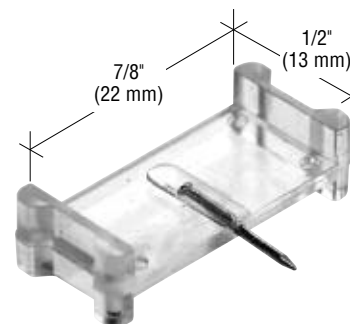


CAT. NO.	QTY/PKG
L5653	6

Minimum order: 1 pack.

CRL 7/8" Window Grid Retainer

Clear polycarbonate retainer with steel pin; used as a Grid Retainer for colonial style window grids. Retainer fits a 7/8" (22 mm) wide grid. Pin projects 1/4" (6 mm).

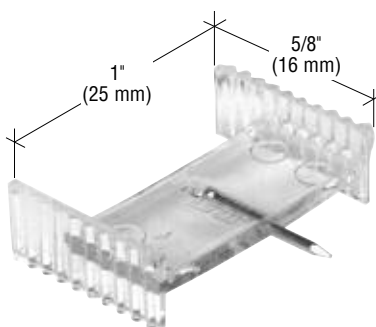


CAT. NO.	QTY/PKG
L5663	6

Minimum order: 1 pack.

CRL 1" Window Grid Retainer

Clear polycarbonate retainer with steel pin; used as a Grid Retainer for colonial style window grids. Retainer fits a 1" (25 mm) wide grid. Pin projects 5/16" (8 mm).

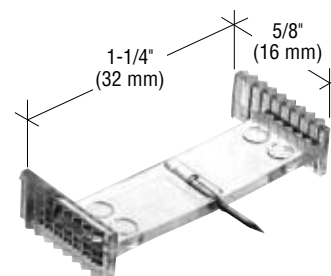


CAT. NO.	QTY/PKG
L5652	6

Minimum order: 1 pack.

CRL 1-1/4" Window Grid Retainer

Clear polycarbonate retainer with steel pin; used as a Grid Retainer for colonial style window grids. Retainer fits a 1-1/4" (32 mm) wide grid. Pin projects 5/16" (8 mm).

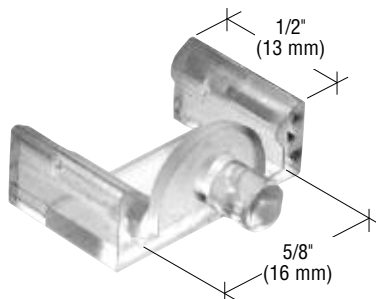


CAT. NO.	QTY/PKG
L5757	6

Minimum order: 1 pack.

CRL 5/8" Window Grid Retainer

Clear plastic Grid Retainer with plastic pin for attaching colonial style window grids. Retainer fits a 5/8" (16 mm) wide grid.

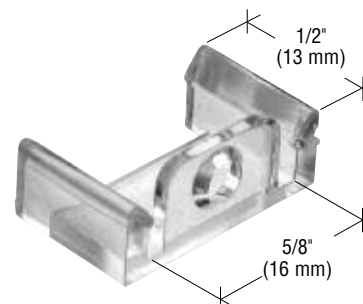


CAT. NO.	QTY/PKG
L5839	6

Minimum order: 1 pack.

CRL 5/8" Window Grid Retainer

Clear plastic Grid Retainer for attaching colonial style window grids. Retainer fits a 5/8" (16 mm) wide grid.



CAT. NO.	QTY/PKG
L5840	6

Minimum order: 1 pack.

All Window Grid Retainers can be combined for quantity pricing.

CRL Glass Decorative Film

- Variety of Designs and Patterns
- Improves Safety and Visual Awareness
- Adds Privacy and Reduces Glare

Now available from CRL, Decorative Film for glass windows, doors, railings or partitions in a variety of designs and patterns. CRL's Glass Decorative Film can be used in retail stores, offices, restaurants, and in homes to reduce glare, fading of fabrics, and to help cut cooling costs. It improves comfort, privacy, and overall appearance.

The film is a PVC vinyl with an acrylic-based permanent adhesive. Each roll ships in a cardboard tube complete with installation and cleaning instructions. Glass Decorative Film can also be customized with your company name, logo or other personalized messages.

For additional information, contact the CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Door and Window Products.

• Glass Decorative Film Can Be Installed Indoors or Outdoors



Custom Application With Logo

CRL Glass Decorative Film can be customized to your individual requirements. Your company's name or logo can be printed onto the film for front windows or doors. It can also be applied to office glass partitions with department or personnel names printed on the film. CRL Glass Decorative Film is available in bulk rolls for larger projects. Contact Door and Window Technical Sales for details.



Glass Decorative Film Used as a Warning Indicator

'All-glass' entrances and floor-to-ceiling glass panels provide a clean and open appearance. The application of film not only provides attractive patterns on the glass, but can also improve visual awareness in high traffic areas.



Glass Decorative Film Installed on Glass Windscreen Panels

CRL Glass Decorative Film can be installed indoors or out. It is ideal for use on windscreens or balconies to increase privacy and improve appearance. Applies quickly to existing glass panels or can become a component of new construction. CRL's Glass Decorative Film is resistant to fading, and is easily cleaned using normal household glass cleaners.

CRL Glass Decorative Film Patterns

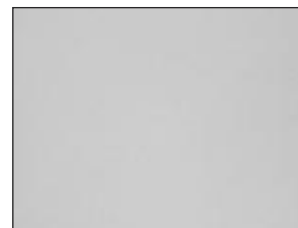
- Eight Stock Patterns in 96" (2438 mm) Long Rolls
- 48" (1219 mm) Widths, Unless Noted Otherwise
- Smooth or Textured Surfaces



Clear Water



White Matte



Dusted Matte



Sand Blast



Clear Frost



Rice Paper



Cola Brown



Tahiti Blue

DECORATIVE FILMS

CAT. NO.	PATTERN	SURFACE
SX9000	Clear Water	Smooth
SXWFWM	White Matte	Smooth
SXJ0550	Dusted Matte	Smooth
*KHE10236	Tahiti Blue	Textured

Minimum order: 1 roll. All Decorative Film can be combined for quantity pricing. *36" wide roll.

CAT. NO.	PATTERN	SURFACE
SX1002	Sand Blast	Smooth
SX1301	Clear Frost	Textured
SXG9018	Rice Paper	Textured
KLE30548	Cola Brown	Textured
KHE10248	Tahiti Blue	Textured

Minimum order: 1 roll. All Decorative Film can be combined for quantity pricing.

Preparation and Installation of CRL Glass Decorative Film



Prepare Glass Surface



Measure Height and Width



Spray Solution on Adhesive



Place Film on Surface



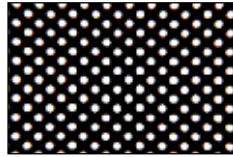
Squeegee Out Any Bubbles



Trim Edges and Clean

CRL Static Cling Dot Matrix Window Film

- 75% Solar Energy Rejection
- Simple Press-On Installation
- Easy Peel-Off Removal



CRL Static Cling Dot Matrix Window Film is 100% reusable. It is a black color solar control window film in a dot matrix pattern that virtually eliminates glare and harmful ultraviolet rays, reducing the fading and rotting of upholstery, drapes, and carpet.

The Film holds securely to glass, acrylic, and GE Lexan® by static electricity, and requires no glue or adhesive. It goes on dry, no messy soap and water solutions needed, so it can be removed and reused as required. It can be used in either exterior or interior applications, except on dual-pane, where it can only be applied to the exterior of the unit. Packages include instructions and an installation tool.

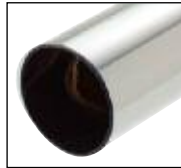


CAT. NO.	SIZE	QTY/PKG
UVX02448	24" x 48" (610 x 1219 mm)	1 Sheet
UVX03648	36" x 48" (914 x 1219 mm)	1 Sheet
UVX03672	36" x 72" (914 x 1829 mm)	1 Sheet
UVX04848	48" x 48" (1219 x 1219 mm)	1 Sheet
UVX04872	48" x 72" (1219 x 1829 mm)	1 Sheet
UVX036100*	36" x 100' (914 mm x 30.5 m)	1 Roll
UVX048100*	48" x 100' (1219 mm x 30.5 m)	1 Roll

Minimum order: 1 each. * Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

CRL Reflective Window Film

- Reflects Up to 70% of Summer Heat
- Safe for Dual-Pane Units



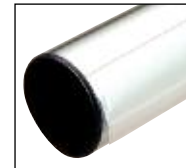
CRL Reflective Window Film is compatible with standard 1/8" (3 mm) clear residential windows, including single-pane, dual-pane, and removable storm panels. It reduces color fading and deterioration, and will help retain up to 55% of winter heat inside the home. Gray color Film is available in two sizes.

CAT. NO.	SIZE	COLOR
LEG361	36" x 15' (914 mm x 4.5 m)	Light Gray
EGWD536	36" x 100' (914 mm x 30.5 m)	Light Gray

Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

CRL Reflective Window Film

- Reflects Up to 50% of Summer Heat
- Reduces UV Rays By Up to 99%
- Safe for Dual-Pane Units



CRL Reflective Window Film reduces up to 99% of UV-A and UV-B rays, reflecting up to 50% of summer heat. It is compatible with standard 1/8" (3 mm) clear residential windows, including single-pane, dual-pane, and removable storm panels. Mirror silver color Film is available in two sizes.

CAT. NO.	SIZE	COLOR
PRS361	36" x 15' (914 mm x 4.5 m)	Mirror Silver
PRS336	36" x 100' (914 mm x 30.5 m)	Mirror Silver

Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

CRL Privacy Film

- 24-Hour Privacy Film is Perfect for Bathroom Windows and Doors
- Safe for Dual-Pane Units



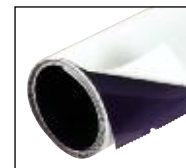
CRL Privacy Film is compatible with standard 1/8" (3 mm) clear residential windows, including single-pane, dual-pane, and removable storm panels. The Film affords total privacy, and is perfect for bathroom windows and doors. Frosted White Film comes in one size.

CAT. NO.	SIZE	COLOR
PFW48	48" x 78" (1219 x 1981 mm)	Frosted White

Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

CRL Static Cling Film

- Removable and Reusable Film Reduces Glare
- Safe for Plexiglas



CRL Static Cling Window Film reduces glare, and can be easily removed, stored, and reused. It is compatible with standard 1/8" (3 mm) clear residential windows, including single-pane, dual-pane, and removable storm panels. The Film comes in one size and two attractive colors, smoke and bronze.

CAT. NO.	SIZE	COLOR
CDS78	36" x 78" (914 x 1981 mm)	Smoke
CDB78	36" x 78" (914 x 1981 mm)	Bronze

Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

Having the right tools will make your installation of window film or decorative film easier, quicker and more efficient. The CRL products listed on this page are essential to make certain your project goes smoothly from start to finish. Each product is important and will give you the confidence that the completed installation has that professional appearance.

CRL 1973 Glass Cleaner

- Perfect for Cleaning Before and After Film Installations

CRL 1973 Glass Cleaner, a long time favorite of CRL customers, is a low ammoniated glass cleaner that is now packaged in a new, easier-to-handle 19 ounce (539 g) can. This is a great product for cleaning glass after installing window or decorative film. 12 cans per case. Minimum order is one case.



CAT. NO. 1973

CRL Lint Free Glass Wipes

- Ideal for Wet or Dry Applications

Extra-tough CRL Lint Free Glass Wipes bring the absorbing power you need in a lighter weight material that's reinforced with a nylon scrim for extra strength. Each Glass Wipe measures 16-1/2" X 9-3/4" (419 x 248 mm). Box contains 150 wipes; minimum order is 1 box.



CAT. NO. BX15

CRL Plastic Spray Dispenser Bottle

- Perfect for Dispensing Solution for Film Application
- Large, Easy-Pull Trigger

These 16 fluid ounce (473 ml) CRL Plastic Dispenser Bottles spray a large, fine mist pattern for best coverage of glass area. Easily cleaned valve and intake strainer. Minimum order is one each.



CAT. NO. DB21

CRL Razor Knives

- Use to Cut Window Film to Size



CAT. NO. SVR1

CAT. NO. K82

CRL offers many varieties of Razor Knives. Here are two popular models, both work effectively to cut window film or decorative film during installation. Minimum order is one each.

CRL Plastic Scraper

- Will Not Scratch Glass
- Very Useful for Window Film Jobs



This firm, double edge CRL Plastic Scraping Tool won't scratch glass surfaces. Use it to remove decals, stickers, labels, etc. from glass or to apply window or decorative film. It is a perfect tool to remove air bubbles and moisture during the application of window film products. Measures 4" x 2-7/8" (102 x 73 mm). Minimum order is one each.

CAT. NO. 105

CRL Rubber Squeegee

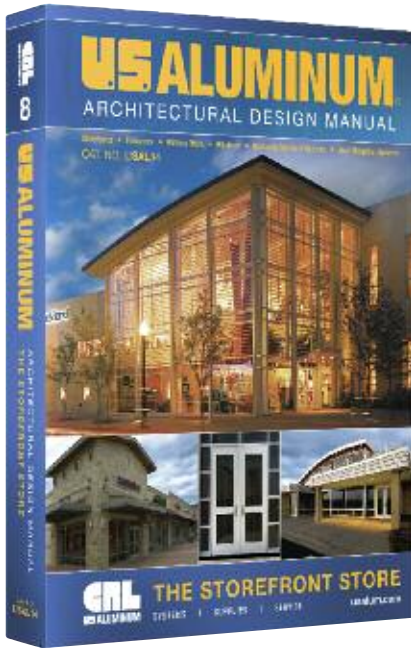
- Ideal for Removing Excess Moisture and Bubbles From Window Film



These heavy-duty CRL Squeegees have a thick rubber blade and steel handle. Available in 8" (203 mm) and 12" (305 mm) widths, these Squeegees work well to remove excess moisture and air bubbles from window and decorative film products.

CAT. NO.	DESCRIPTION
SP408	8" Squeegee
SP412	12" Squeegee

Minimum order: 1 each.



CAT. NO. USAL14

U.S. Aluminum Architectural Design Manual "The Storefront Store"

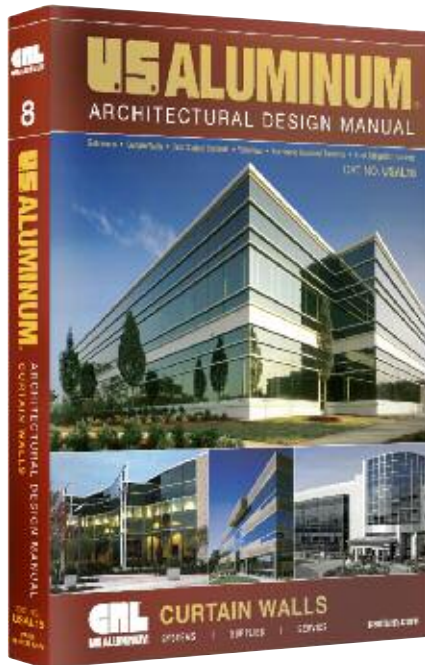


- Storefronts
- Entrance Doors
- Windows
- Hurricane Resistant Systems
- Window Walls
- Blast Resistant Systems
- Stock and Custom Extrusions Available

Our USAL14 Architectural Design Manual will show you how simple it can be to get into the Storefront installation and repair business. U.S. Aluminum has designed and engineered a number of proven and attractive Storefront Systems with long-lasting quality, reliability, and durability. Whatever the climate and environment, our Storefront Systems are known performers that deliver value on a daily basis.

The USAL14 Architectural Design Manual has over 500 pages of extensive information on Aluminum Entrance Doors, Storefronts, Window Walls, Windows, Hurricane (Impact) Resistant Systems, Blast Mitigation Systems, 'All-Glass' Entrances, and Interior Office Front Systems, including an A to Z Index for quick look-up of products. Organized into sections for fast and easy product reference, the USAL14 Architectural Design Manual is your premier source for all things storefront. For additional information visit usalum.com.





CAT. NO. USAL15

U.S. Aluminum Architectural Design Manual "Curtain Walls"



- Curtain Walls
- Windows
- Sun Control Systems
- Stock and Custom Extrusions Available
- Entrance Doors
- Hurricane Resistant Systems
- Blast Resistant Systems

Our USAL15 Architectural Design Manual offers you a full range of Curtain Wall Systems with superior thermal performance. The quality, performance, and aesthetic beauty of our products permit architects and designers to fully utilize the unique structural properties of aluminum for both interior and exterior design. Finishes range from custom matched painted coatings to a wide selection of clear, bronze or black anodic finishes.

Our engineering staff constantly updates product design to satisfy the performance requirements and economic concerns of today's most demanding projects. After design, certified independent testing labs test our systems to the highest industry standards.

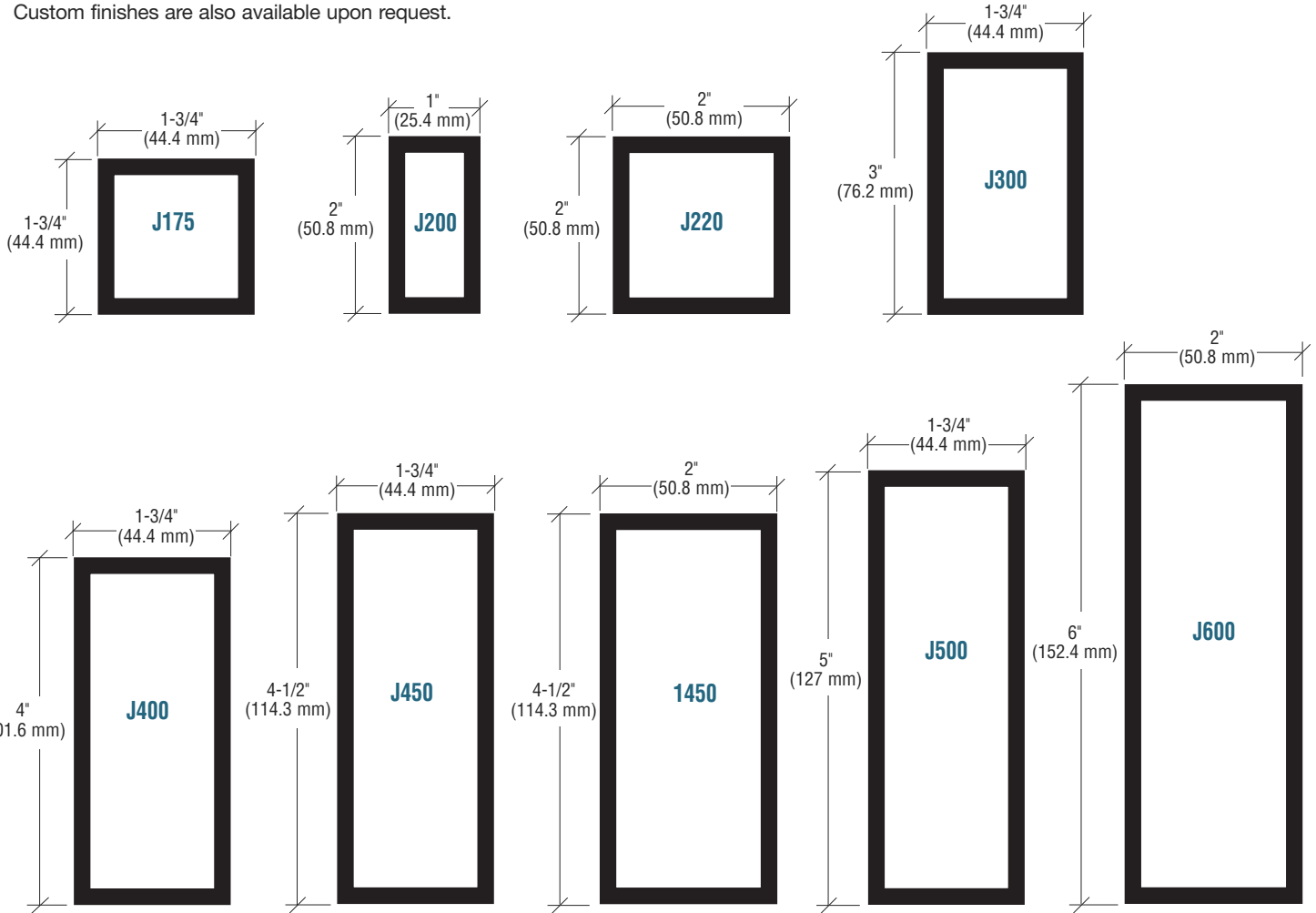
The USAL15 Architectural Design Manual has over 500 pages of extensive information on Aluminum Entrance Doors, Curtain Walls, Sun Control Systems, Windows, Hurricane (Impact) Resistant Systems, Blast Mitigation Systems, 'All-Glass' Entrances, and Interior Office Front Systems, including an A to Z Index for quick look-up of products. Organized into sections for fast and easy product reference, the USAL15 Architectural Design Manual is your guide for the selection of efficient and attractive Curtain Wall Systems. For additional information visit usalum.com.



CRL Hollow Tube Extrusions

- Multiple Use Extrusions Available in Nine Sizes and Four Finishes
- Heavy Wall Tube is Strong Enough for Structural Work

These multi-purpose CRL Hollow Tube Extrusions can be used for mullions, stiffeners, and for custom fabrications. Each length comes individually wrapped for protection during shipping. They are available in our four most popular finishes: clear anodized, dark bronze, black anodized, and bone white Kynar®. Custom finishes are also available upon request.



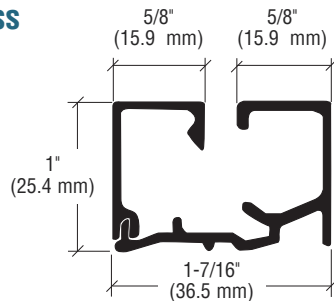
CLEAR ANODIZED CAT. NO.	DARK BRONZE CAT. NO.	BLACK ANODIZED CAT. NO.	BONE WHITE KYNAR® CAT. NO.	SIZE (W X H)	LENGTH
J17511	J17522	J17533	J17552	1-3/4" x 1-3/4" (44.4 x 44.4 mm)	21'-2" (6.4 m)
J20011	J20022	J20033	J20052	1" x 2" (25.4 x 50.8 mm)	21'-2" (6.4 m)
J22011	J22022	J22033	J22052	2" x 2" (50.8 x 50.8 mm)	21'-2" (6.4 m)
J30011	J30022	J30033	J30052	1-3/4" x 3" (44.4 x 76.2 mm)	21'-2" (6.4 m)
J40011	J40022	J40033	J40052	1-3/4" x 4" (44.4 x 101.6 mm)	24'-2" (7.3 m)
J45011	J45022	J45033	J45052	1-3/4" x 4-1/2" (44.4 x 114.3 mm)	24'-2" (7.3 m)
145011	145022	145033	145052	2" x 4-1/2" (50.8 x 114.3 mm)	24'-2" (7.3 m)
J50011	J50022	J50033	J50052	1-3/4" x 5" (44.4 x 127 mm)	24'-2" (7.3 m)
J60011	J60022	J60033	J60052	2" x 6" (50.8 x 152.4 mm)	24'-2" (7.3 m)

Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing. **NOTE:** Must ship common carrier.

KYNAR® is a registered trademark of Autofina Chemicals, Inc.

CRL Snap-In Sash With Clips

- Supplied With 20 Spring Clips Per Length
- Available in Clear Anodized and Dark Bronze Finishes
- For 1/4" (6 mm) Glass



Two-Piece Snap-In Sash

CRL Snap-In Sash is used in existing openings to provide an aluminum-framed surround to accommodate 1/4" (6 mm) glass. The glass is secured with Steel Spring Clips that are supplied with the sash, which also secure the front snap-in cover. Snap-In Sash is available in two standard finishes, and is shipped in 24 foot (7.3 m) stock lengths. 20 Spring Clips are supplied with each stock length. For additional Spring Clips order Cat. No. S010CL1P, which have a minimum order of 10 each.

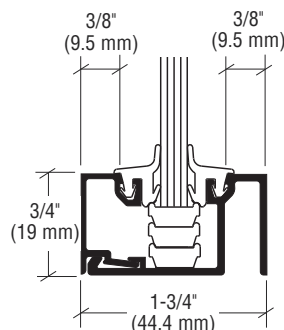
CAT. NO.	SIZE (W X H)	FINISH	LENGTH
S01011	1-1/2" x 1-1/16" (38 x 27 mm)	Clear Anodized	24' (7.3 m)
S01022	1-1/2" x 1-1/16" (38 x 27 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.



CRL Transom Sash

- Available in Four Finishes
- For 1/4" (6 mm) or 3/8" (10 mm) Glazing



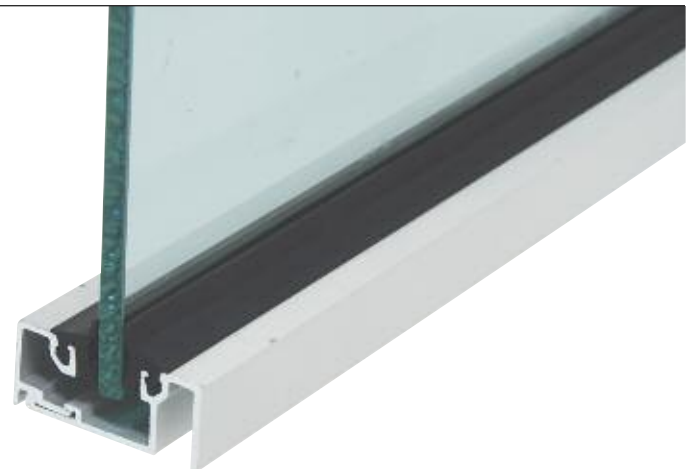
Two-Piece Transom Sash

CRL Transom Sash is used to glaze 1/4" (6 mm) or 3/8" (10 mm) glass above the door header, and can also be used to glaze small openings in interior offices. The Sash consists of a base member and a stop. The Sash accommodates our NP225 Gasket for 1/4" (6 mm) glazing or NP238 Gasket for 3/8" (10 mm) glazing. Available in four finishes and shipped in 21 foot (6.4 m) stock lengths. Gaskets are sold separately. Setting Blocks are sold separately. Specify Cat. No. SB045 for a pack of 100.

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
TM12411	1-3/4" x 3/4" (44.4 x 19 mm)	Clear Anodized	21' (6.4 m)
TM12422	1-3/4" x 3/4" (44.4 x 19 mm)	Dark Bronze	21' (6.4 m)
TM12433	1-3/4" x 3/4" (44.4 x 19 mm)	Black Anodized	21' (6.4 m)
TM12452	1-3/4" x 3/4" (44.4 x 19 mm)	Bone White Kynar®	21' (6.4 m)

Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.

KYNAR® is a registered trademark of Autofina Chemicals, Inc.



CAT. NO. NP225

Gasket for 1/4" (6 mm) glazing;
500 Feet (152 m) per roll.

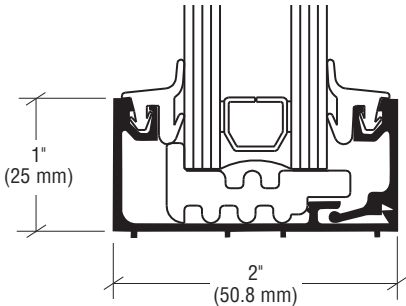


CAT. NO. NP238

Gasket for 3/8" (10 mm) glazing;
500 Feet (152 m) per roll.

CRL Transom Sash

- Supplied in 24 Foot Stock Lengths
- Available in Clear Anodized and Dark Bronze Finishes for 1" (25 mm) Glass



CRL Transom Sash is used to glaze 1" (25 mm) glass above the door header, and can also be used to glaze small openings in interior offices. The Sash consists of a base member and stop. The Sash comes with 50 feet (15.2 m) of NP225 Gasket for 1" (25 mm) glazing. Available in two finishes, clear anodized and dark bronze and shipped in 24 foot (7.3 m) stock lengths. Setting Blocks are sold separately. Specify Cat. No. SB280 for a pack of 10.

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
TM42511	2" x 1" (50.8 x 25 mm)	Clear Anodized	24' (7.3 m)
TM42522	2" x 1" (50.8 x 25 mm)	Dark Bronze	24' (7.3 m)

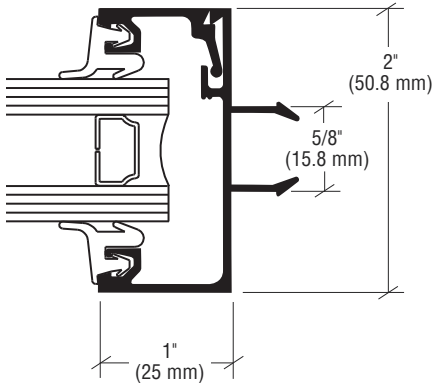
Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.



CAT. NO. NP225
Gasket for 1" (25 mm) glazing

CRL Vertical Transom Sash

- Supplied in 24 Foot Stock Lengths
- Available in Clear Anodized and Dark Bronze Finishes for 1" (25 mm) Glass



CRL Vertical Transom Sash is used in transom openings to provide an aluminum surround with no fasteners. The sash gutter snaps into the existing storefront glazing pocket allowing transition glazing for 1" (25 mm). The two piece sash comes in 24 foot (7.3 m) stock lengths, and is available in clear anodized and dark bronze finishes. 50 feet (15.2 m) of Cat. No. NP225 Glazing Gasket is included.

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
TM42711	2" x 1" (50.8 x 25 mm)	Clear Anodized	24' (7.3 m)
TM42722	2" x 1" (50.8 x 25 mm)	Dark Bronze	24' (7.3 m)

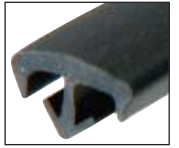
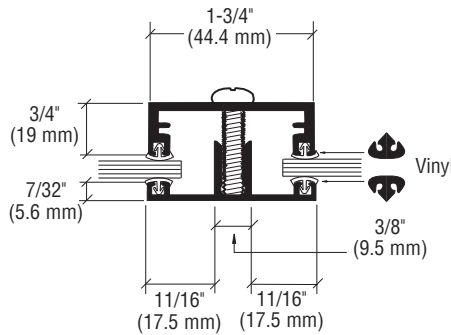
Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.



CAT. NO. NP225
Gasket for 1" (25 mm) glazing

CRL Shallow Division Bar With Vinyl

- Available in Clear Anodized and Dark Bronze Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center



CAT. NO. VS100
Glazing Vinyl

CRL Shallow Division Bar With Vinyl is lightweight extruded aluminum framing sections used vertically or horizontally for small fixed window units. A division bar consists of a face member which has an extruded spline with threads for receiving exposed fasteners inserted through the back member which has holes drilled in it. The back and face members are screwed together after the glazing infill is installed to form the window. Each piece of CRL Shallow Division Bar includes 100 feet (30.5 m) of glazing vinyl and 20 each 1/4-20 x 1-3/16" (30.1 mm) Pan Head Phillips Machine Screws.

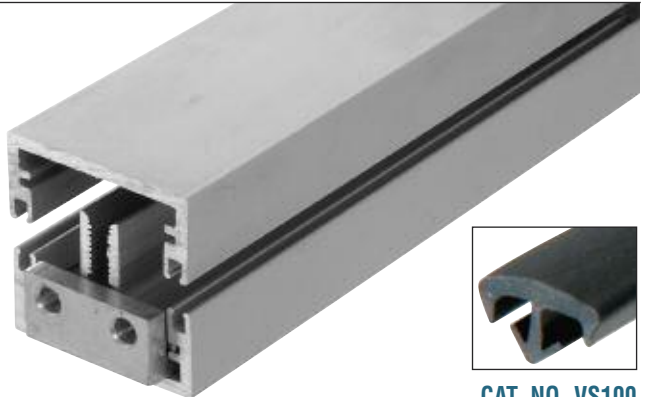
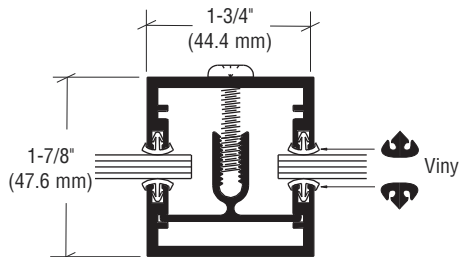
CAT. NO.	SIZE (W X H)	FINISH	LENGTH
DB27511	1-3/4" x 1-1/4" (44.4 x 31.7 mm)	Clear Anodized	24' (7.3 m)
DB27522	1-3/4" x 1-1/4" (44.4 x 31.7 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.



CRL Shallow Division Bar With Vinyl

- Available in Four Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center



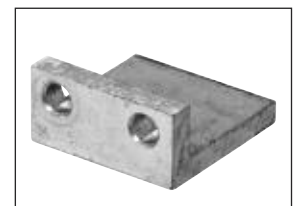
CAT. NO. VS100
Glazing Vinyl

CRL Shallow Division Bar With Vinyl is lightweight extruded aluminum framing sections used vertically or horizontally for small fixed window units. A division bar consists of a face member which has an extruded spline with threads for receiving exposed fasteners inserted through the back member which has holes drilled in it. The back and face members are screwed together after the glazing infill is installed to form the window. Each piece of CRL Shallow Division Bar includes 100 feet (30.5 m) of glazing vinyl and 20 each 1/4-20 x 1" (25.4 mm) Pan Head Phillips Machine Screws.

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
DB27411	1-3/4" x 1-7/8" (44.4 x 47.6 mm)	Clear Anodized	24' (7.3 m)
DB27422	1-3/4" x 1-7/8" (44.4 x 47.6 mm)	Dark Bronze	24' (7.3 m)
DB27433	1-3/4" x 1-7/8" (44.4 x 47.6 mm)	Black Anodized	24' (7.3 m)
DB27452	1-3/4" x 1-7/8" (44.4 x 47.6 mm)	Bone White Kynar®	24' (7.3 m)

Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.

KYNAR® is a registered trademark of Autofina Chemicals, Inc.

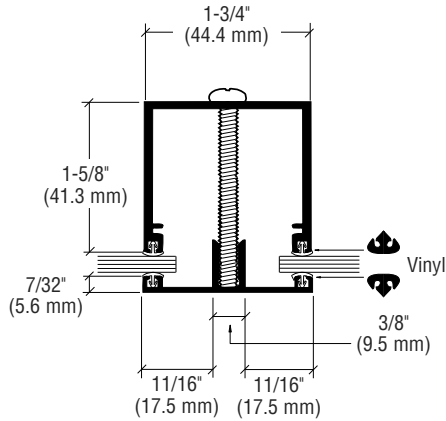


CAT. NO. AP128

Division Bar Anchors are used to secure the Division Bar to the opening. To minimize time and labor, comes with two pre-drilled 1/4" (6.3 mm) holes. Sold separately in packages of 20.

CRL Deep Division Bar With Vinyl

- Available in Clear Anodized and Dark Bronze Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center



CAT. NO. VS100
Glazing Vinyl

CRL Deep Division Bar With Vinyl is lightweight extruded aluminum framing sections used vertically or horizontally for small fixed window units. A division bar consists of a face member which has an extruded spline with threads for receiving exposed fasteners inserted through the back member which has holes drilled in it. The back and face members are screwed together after the glazing infill is installed to form the window. Each piece of CRL Deep Division Bar includes 100 feet (30.5 m) of glazing vinyl and 20 each 1/4-20 x 1-11/16" (42.9 mm) Pan Head Phillips Machine Screws.

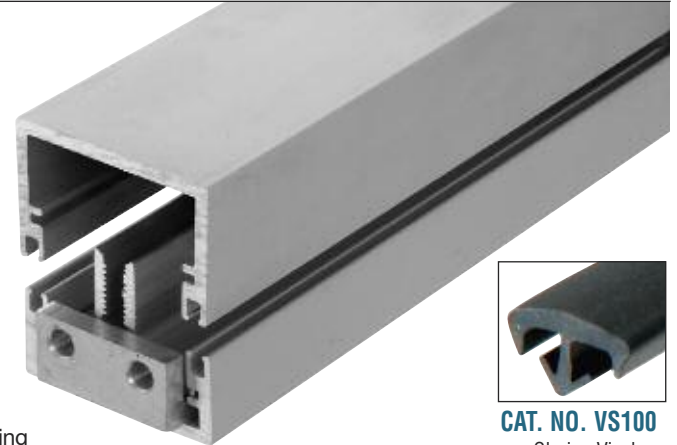
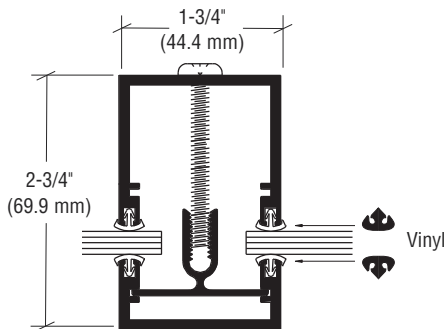
CAT. NO.	SIZE (W X H)	FINISH	LENGTH
DB47511	1-3/4" x 2-3/16" (44.4 x 55.5 mm)	Clear Anodized	24' (7.3 m)
DB47522	1-3/4" x 2-3/16" (44.4 x 55.5 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.



CRL Deep Division Bar With Vinyl

- Available in Four Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center



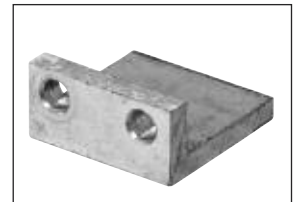
CAT. NO. VS100
Glazing Vinyl

CRL Deep Division Bar With Vinyl is lightweight extruded aluminum framing sections used vertically or horizontally for small fixed window units. A division bar consists of a face member which has an extruded spline with threads for receiving exposed fasteners inserted through the back member which has holes drilled in it. The back and face members are screwed together after the glazing infill is installed to form the window. Each piece of CRL Deep Division Bar includes 100 feet (30.5 m) of glazing vinyl and 20 each 1/4-20 x 1-3/4" (44.4 mm) Pan Head Phillips Machine Screws.

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
DB47411	1-3/4" x 2-3/4" (44.4 x 69.9 mm)	Clear Anodized	24' (7.3 m)
DB47422	1-3/4" x 2-3/4" (44.4 x 69.9 mm)	Dark Bronze	24' (7.3 m)
DB47433	1-3/4" x 2-3/4" (44.4 x 69.9 mm)	Black Anodized	24' (7.3 m)
DB47452	1-3/4" x 2-3/4" (44.4 x 69.9 mm)	Bone White Kynar®	24' (7.3 m)

Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.

KYNAR® is a registered trademark of Autofina Chemicals, Inc.

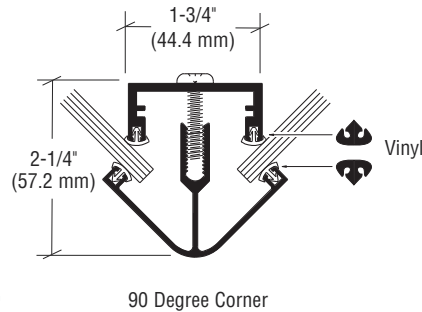


CAT. NO. AP128

Division Bar Anchors are used to secure the Division Bar to the opening. To minimize time and labor, comes with two pre-drilled 1/4" (6.3 mm) holes. Sold separately in packages of 20.

CRL 90 Degree Corner Division Bar With Vinyl

- 90 Degree Corner Available in Four Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center

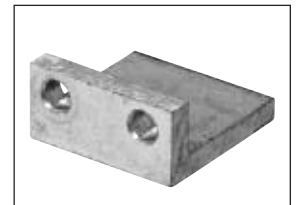


CAT. NO. VS100
Glazing Vinyl

CRL 90 Degree Corner Division Bar is used at corner conditions allowing for the use of two pieces of glass in the opening. This lightweight extruded aluminum division bar consists of a face member which has an extruded spline with threads for receiving exposed fasteners inserted through the back member which has holes drilled in it. The back and face members are screwed together after the glazing infill is installed to form the window. Each piece of CRL 90 Degree Corner Division Bar includes 100 feet (30.5 m) of vinyl and 20 each 1/4-20 x 1" (25.4 mm) Pan Head Phillips Machine Screws.

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
CB09011	1-3/4" x 2-1/4" (44.4 x 57.2 mm)	Clear Anodized	24' (7.3 m)
CB09022	1-3/4" x 2-1/4" (44.4 x 57.2 mm)	Dark Bronze	24' (7.3 m)
CB09033	1-3/4" x 2-1/4" (44.4 x 57.2 mm)	Black Anodized	24' (7.3 m)
CB09052	1-3/4" x 2-1/4" (44.4 x 57.2 mm)	Bone White Kynar®	24' (7.3 m)

Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.

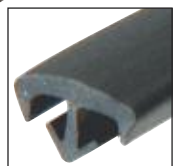
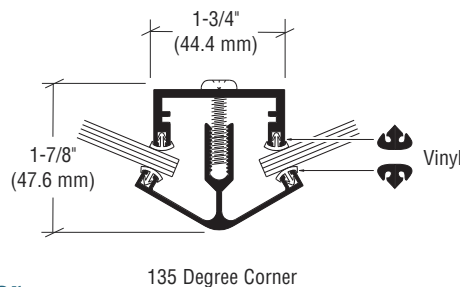


CAT. NO. AP128

Division Bar Anchors are used to secure the Division Bar to the opening. To minimize time and labor, comes with two pre-drilled 1/4" (6.3 mm) holes. Sold separately in packages of 20.

CRL 135 Degree Corner Division Bar With Vinyl

- 135 Degree Corner Available in Four Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center



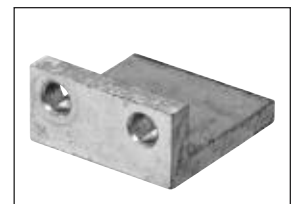
CAT. NO. VS100
Glazing Vinyl

CRL 135 Degree Corner Division Bar is used at corner conditions allowing for the use of two pieces of glass in the opening. This lightweight extruded aluminum division bar consists of a face member which has an extruded spline with threads for receiving exposed fasteners inserted through the back member which has holes drilled in it. The back and face members are screwed together after the glazing infill is installed to form the window. Each piece of CRL 135 Degree Corner Division Bar includes 100 feet (30.5 m) of vinyl and 20 each 1/4-20 x 1" (25.4 mm) Pan Head Phillips Machine Screws.

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
CB13511	1-3/4" x 1-7/8" (44.4 x 47.6 mm)	Clear Anodized	24' (7.3 m)
CB13522	1-3/4" x 1-7/8" (44.4 x 47.6 mm)	Dark Bronze	24' (7.3 m)
CB13533	1-3/4" x 1-7/8" (44.4 x 47.6 mm)	Black Anodized	24' (7.3 m)
CB13552	1-3/4" x 1-7/8" (44.4 x 47.6 mm)	Bone White Kynar®	24' (7.3 m)

Minimum order: 1 stock length. All Hollow Tube, Division Bar, and Snap-In Sash Extrusions can be combined for quantity pricing.
NOTE: Must ship common carrier.

KYNAR® is a registered trademark of Autofina Chemicals, Inc.



CAT. NO. AP128

Division Bar Anchors are used to secure the Division Bar to the opening. To minimize time and labor, comes with two pre-drilled 1/4" (6.3 mm) holes. Sold separately in packages of 20.

CRL Heavy Glass Door Systems

CRL is an innovator in door systems for heavy glass. Let us provide design assistance for your next heavy glass project. Contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 in Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Hardware.



Exterior Bi-Folding Door Systems



Interior Stacking Partition Systems



Top Hung Single Track Sliding Door System



Overhead Track Bi-Fold Door Systems



Bottom Rolling Sliding Door Systems



Wedge-Lock™ Door Rails and Access Handles

5

Commercial Door Hardware

- **HINGES, PIVOTS, STOPS, AND HOLDERS**
- **LOCKING LADDER PULLS**
- **PULL HANDLES**
- **MAIL SLOTS AND PACKAGE DROPS**
- **THRESHOLDS AND WEATHERIZATION**
- **SURFACE MOUNTED DOOR CLOSERS**
- **OVERHEAD AND FLOOR MOUNTED DOOR CLOSERS**
- **PANIC EXIT DEVICES**
- **DOOR LOCKS**
- **STANDOFFS**

See other side for Section Index.

CRL
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A Lesson in Door Hinge Selection



Butt Hinges

VS.

Geared Continuous Hinges



- Weight Distribution is Usually Supported at Three Positions on Door and Frame
- Two Knuckles on Each Hinge Must Support All the Weight
- Weight Capacity Depends on the Type and Number of Hinges Being Used
- Not Recommended for High Frequency Installations
- Not Recommended for Exterior Outswing Doors, Because the Hinge Pin Can be Removed, Causing Security to be Compromised

CRL recommends that Butt Hinges not be installed on doors with high frequency usage. This will almost always result in a repair or replacement of the hinge, and more than likely an unhappy customer.

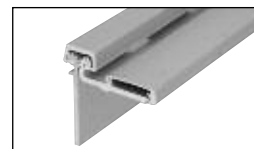
In high traffic situations always advise the customer of potential problems. Inform them that you have a solution using Geared Continuous Hinges. Over the long run they will save money, aggravation, and reduce down time.

- Weight Distribution is Supported the Full Length of the Door and Frame, and is Pivoting on Self-Lubricating Load Bearing Blocks (16 on Standard Hinges, and 32 on Heavy-Duty Hinges)
- Weight Capacity on Standard Hinges is 200 Lbs. (90 kg), and Up to 600 Lbs. (272 kg) on the Heavy-Duty Hinge if Attached With Riv-nuts®
- Security is Assured Because Screws are Concealed Between the Door Edge and the Jamb, With No Pin to Remove
- Recommended for High Frequency Installations

CRL promotes the use of Geared Continuous Hinges in high traffic or frequent usage situations. Many types are available in standard and heavy-duty models. They cover doors weighing from 200 to 600 lbs. (90 to 272 kg) in full or half surface mount or concealed leaf mount configurations. Satin anodized or dark bronze anodized finishes are stocked, and custom finishes are available on special order. The entire selection is displayed over the next few pages.

FREQUENCY DETERMINATION - Doors in hospitals, schools, airports, government buildings, banks, shopping centers, and sports arenas can have an annual usage of five million cycles or more. Standard Butt Hinges cannot handle this type of abuse, however, Geared Continuous Hinges in many applications have already cycled more than twenty million times and still continue to perform. Refer to the estimated annual usage table below.

Estimated Annual Usage Table*



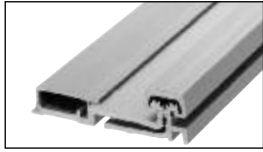
TYPE OF BUILDING	ESTIMATED FREQUENCY	
	DAILY	ANNUAL
High Frequency		
Large Department Store	5,000	1,800,000
Large Office Entrance	4,000	1,000,000
Hospital Corridor	3,000	1,095,000
School Entrance	1,250	250,000
Office Stairwell	500	125,000

NOTE: Butt Hinges are not recommended for high frequency installations

TYPE OF BUILDING	ESTIMATED FREQUENCY	
	DAILY	ANNUAL
Medium Frequency		
Hospital Consultant Room	100	30,000
School Corridor	100	20,000
Office Building Corridor	80	20,000
Storage Room	50	12,500
Low Frequency		
Residential Entrance Door	30	10,950
Residential Interior Doors	20	7,300

*Estimated Annual Usage figures based on the average open days per year for the different types of buildings listed. Actual numbers may vary. For questions pertaining to Continuous Hinges call CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also send e-mail through the home page at crlaurence.com. Click on Contact Us, and then click on Technical Sales for Door and Window Products.

CRL Continuous Hinges



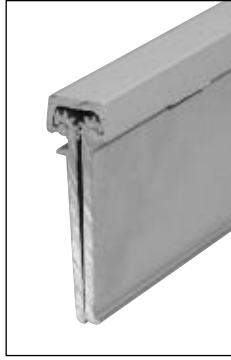
100 and 150 Series
Full Surface Hinges



200 and 250 Series
Full Surface Hinges



300 and 350 Series
Concealed Leaf Hinges

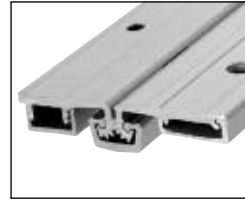


400 and 450 Series
Concealed Leaf Hinges

- Continuous Hinges are Specified by Large Retail Stores and Schools Because of Their Long Service Life
- Four Models are Available in Standard or Heavy-Duty
- Satin Anodized and Dark Bronze Anodized Finishes

CRL Continuous Hinges are made of high strength aluminum with a full-length rolling gear profile to align doors perfectly from top to bottom. Special self-lubricating polyacetal load bearing blocks deliver smooth, almost floating operation on even the heaviest doors. Hinges are completely secure because all mounting hardware is hidden when installed. Easy to install CRL Continuous Hinges come with instructions and all necessary hardware for mounting. Replacement Screw Packs, and Screw Covers are also available separately for on the job repairs.

FEATURES AND BENEFITS



All Hinges are anodized after machining is done to provide longer life and reduce corrosion.



Standard Duty Hinges have 16 load bearing blocks for doors up to 200 pounds (90 kg). Heavy-Duty Hinges have 32 load bearing blocks for doors up to 600 pounds (272 kg) if attached with Riv-Nuts®.



Precision extruded components deliver smooth operation and long service life.

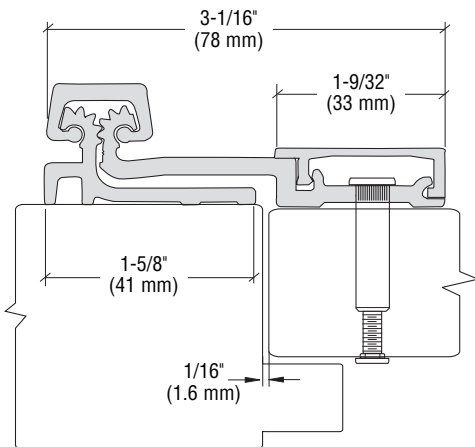


Our hole pattern is designed to speed up installations, but still provide the required attachment points needed to carry the weight.

CRL 100 and 150 Series Full Surface Continuous Hinges

new

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)
- Available in Satin Anodized and Dark Bronze Anodized Finishes



These CRL Full Surface Continuous Hinges have load bearing blocks every 5-1/8" (130 mm) on the Standard Duty Hinge, and every 2-9/16" (65 mm) on the Heavy-Duty Hinge. They are available in satin anodized and dark bronze anodized finishes. A pack of installation screws is included with each Hinge. Replacement Screws Packs and Screw Covers are also available separately.

STANDARD DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW COVER CAT. NO.	SCREW PACK CAT. NO.
10083A	83" (2.11 m)	Satin Anodized	RSC100A	RSP100A
10083DU	83" (2.11 m)	Dark Bronze Anodized	RSC100DU	RSP100DU

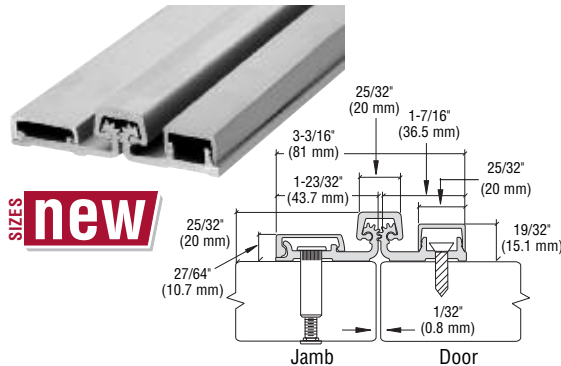
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW COVER CAT. NO.	SCREW PACK CAT. NO.
15083A	83" (2.11 m)	Satin Anodized	RSC100A	RSP100A
15083DU	83" (2.11 m)	Dark Bronze Anodized	RSC100DU	RSP100DU
15095A	95" (2.41 m)	Satin Anodized	RSC150A	RSP100A
15095DU	95" (2.41 m)	Dark Bronze Anodized	RSC150DU	RSP100DU
150120A	120" (3.05 m)	Satin Anodized	RSC150A	RSP100A
150120DU	120" (3.05 m)	Dark Bronze Anodized	RSC150DU	RSP100DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL 200 and 250 Series Full Surface Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



These CRL Full Surface Continuous Hinges have load bearing blocks every 5-1/8" (130.2 mm) on the Standard Duty Hinge, and every 2-9/16" (65.1 mm) on the Heavy-Duty Hinge. A pack of installation screws is included with each Hinge. Replacement Screw Packs and Screw Covers are also available separately.

STANDARD DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW COVER SET CAT. NO.	SCREW PACK CAT. NO.
20083A	83" (2.11 m)	Satin Anodized	RSC200A	RSP200A
20083DU	83" (2.11 m)	Dark Bronze Anodized	RSC200DU	RSP200DU

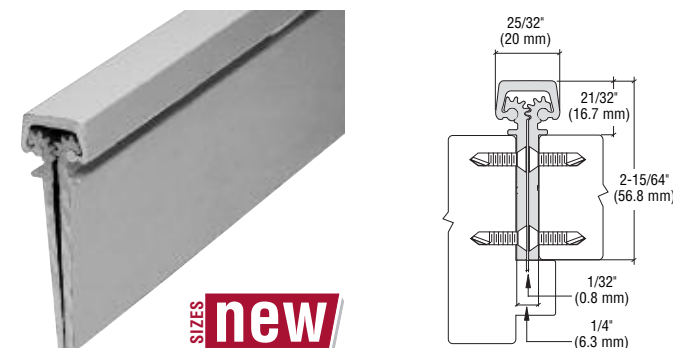
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW COVER SET CAT. NO.	SCREW PACK CAT. NO.
25083A	83" (2.11 m)	Satin Anodized	RSC200A	RSP200A
25083DU	83" (2.11 m)	Dark Bronze Anodized	RSC200DU	RSP200DU
25095A	95" (2.41 m)	Satin Anodized	RSC250A	RSP200A
25095DU	95" (2.41 m)	Dark Bronze Anodized	RSC250DU	RSP200DU
250120A	120" (3.05 m)	Satin Anodized	RSC250A	RSP200A
250120DU	120" (3.05 m)	Dark Bronze Anodized	RSC250DU	RSP200DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL 300 and 350 Series Concealed Leaf Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



These CRL Concealed Leaf Continuous Hinges have load bearing blocks every 5-1/8" (130.2 mm) on the Standard Duty Hinge, and every 2-9/16" (65.1 mm) on the Heavy-Duty Hinge. A pack of installation screws is included with each Hinge. Replacement Screw Packs are also available separately.

STANDARD DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW PACK CAT. NO.
30083A	83" (2.11 m)	Satin Anodized	RSP300A
30083DU	83" (2.11 m)	Dark Bronze Anodized	RSP300DU

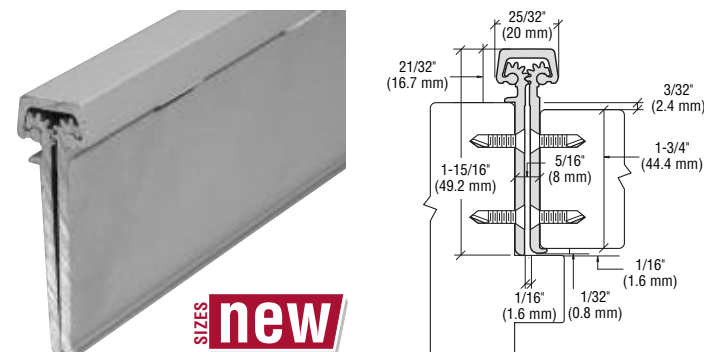
HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW PACK CAT. NO.
35083A	83" (2.11 m)	Satin Anodized	RSP300A
35083DU	83" (2.11 m)	Dark Bronze Anodized	RSP300DU
35095A	95" (2.41 m)	Satin Anodized	RSP300A
35095DU	95" (2.41 m)	Dark Bronze Anodized	RSP300DU
350120A	120" (3.05 m)	Satin Anodized	RSP300A
350120DU	120" (3.05 m)	Dark Bronze Anodized	RSP300DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL 400 and 450 Series Concealed Leaf Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



These CRL Concealed Leaf Continuous Hinges have load bearing blocks every 5-1/8" (130.2 mm) on the Standard Duty Hinge, and every 2-9/16" (65.1 mm) on the Heavy-Duty Hinge. A pack of installation screws is included with each Hinge. Replacement Screw Packs are also available separately.

STANDARD DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW PACK CAT. NO.
40083A	83" (2.11 m)	Satin Anodized	RSP400A
40083DU	83" (2.11 m)	Dark Bronze Anodized	RSP400DU

HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW PACK CAT. NO.
45083A	83" (2.11 m)	Satin Anodized	RSP400A
45083DU	83" (2.11 m)	Dark Bronze Anodized	RSP400DU
45095A	95" (2.41 m)	Satin Anodized	RSP400A
45095DU	95" (2.41 m)	Dark Bronze Anodized	RSP400DU
450120A	120" (3.05 m)	Satin Anodized	RSP400A
450120DU	120" (3.05 m)	Dark Bronze Anodized	RSP400DU

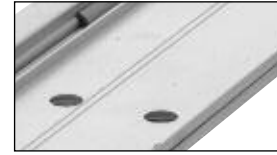
Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Roton Continuous Hinges

- Specified Everywhere Because of Their Long Service Life
- Available in Standard or Heavy-Duty Models

CRL Roton Hinges are made of high strength aluminum with a full-length rolling gear profile to align doors perfectly from top to bottom. Special self-lubricating polyacetal load bearing blocks deliver smooth, almost floating operation on even the heaviest doors. Hinges are completely secure because all mounting hardware is hidden. CRL Roton Hinges are easy to install, and come complete with instructions and all necessary mounting hardware. Replacement Screw Packs are also available.

Features and Benefits



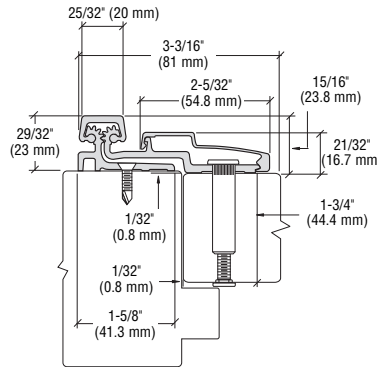
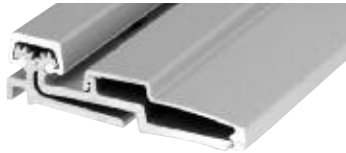
Our hole pattern is designed to speed up installations, but still provide the required attachment points needed to carry the weight.



Standard Duty Hinges have 16 load bearing blocks for doors up to 200 pounds (90 kg). Heavy-Duty Hinges have 32 load bearing blocks for doors up to 600 pounds (272 kg).

CRL Roton 210 and 210HD Series Full Surface Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



STANDARD DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
21083A	83" (2.11 m)	Satin Anodized	26469SA
21083DU	83" (2.11 m)	Dark Bronze Anodized	29815DU
21095A	95" (2.41 m)	Satin Anodized	26469SA
21095DU	95" (2.41 m)	Dark Bronze Anodized	29815DU

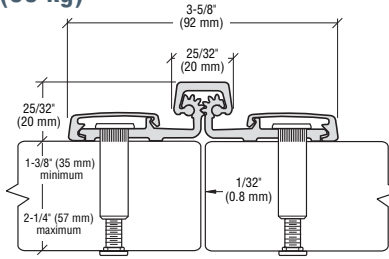
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
210HD83A	83" (2.11 m)	Satin Anodized	26469SA
210HD83DU	83" (2.11 m)	Dark Bronze Anodized	29815DU
210HD95A	95" (2.41 m)	Satin Anodized	26469SA
210HD95DU	95" (2.41 m)	Dark Bronze Anodized	29815DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Roton 057 and 057HD Series Full Surface Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



STANDARD DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
05783A	83" (2.11 m)	Satin Anodized	94875SA
05783DU	83" (2.11 m)	Dark Bronze Anodized	32357DU

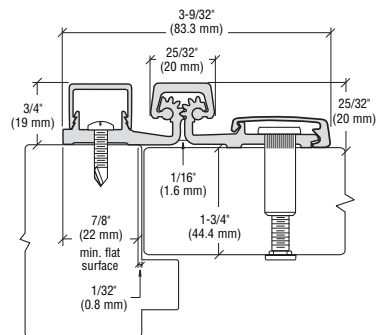
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
057HD83A	83" (2.11 m)	Satin Anodized	94875SA
057HD83DU	83" (2.11 m)	Dark Bronze Anodized	32357DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Roton 157 and 157HD Series Full Surface Frame Face Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



STANDARD DUTY FULL SURFACE FRAME FACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
15783A	83" (2.11 m)	Satin Anodized	64611SA
15783DU	83" (2.11 m)	Dark Bronze Anodized	31740DU

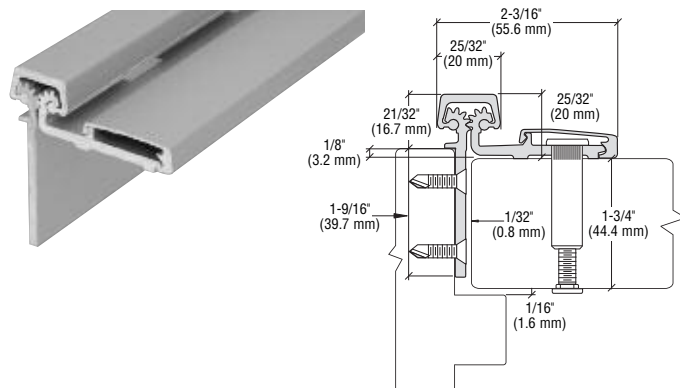
HEAVY-DUTY FULL SURFACE FRAME FACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
157HD83A	83" (2.11 m)	Satin Anodized	64611SA
157HD83DU	83" (2.11 m)	Dark Bronze Anodized	31740DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Roton 053 Series Half Surface Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)



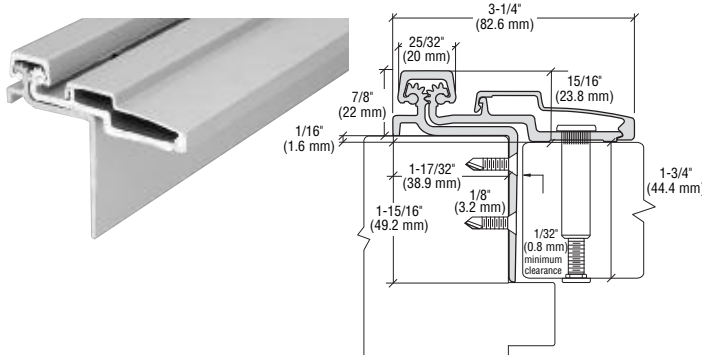
STANDARD DUTY HALF SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
05383A	83" (2.11 m)	Satin Anodized	22701SA
05383DU	83" (2.11 m)	Dark Bronze Anodized	26245DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Roton 211HD Series Half Surface/Frame Leaf Wrap-Around Continuous Hinges

- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



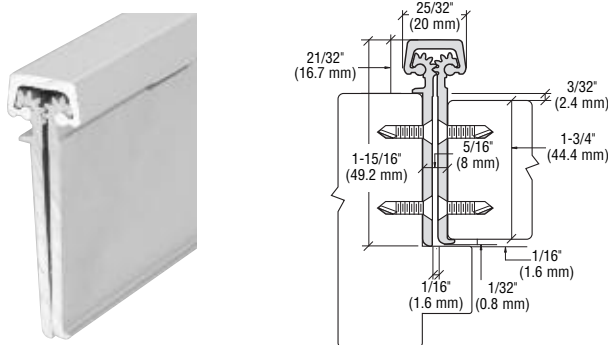
HEAVY-DUTY HALF SURFACE/FRAME LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
211HD83A	83" (2.11 m)	Satin Anodized	22701SA
211HD83DU	83" (2.11 m)	Dark Bronze Anodized	26245DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Roton 224 and 224HD Series Concealed Leaf Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



STANDARD DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
22483A	83" (2.11 m)	Satin Anodized	61362SA
22483DU	83" (2.11 m)	Dark Bronze Anodized	61815DU

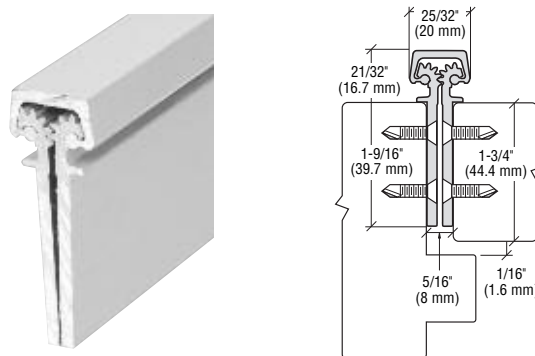
HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
224HD83A	83" (2.11 m)	Satin Anodized	61362SA
224HD83DU	83" (2.11 m)	Dark Bronze Anodized	61815DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Roton 112 and 112HD Series Concealed Leaf Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



STANDARD DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
11283A	83" (2.11 m)	Satin Anodized	61362SA
11283DU	83" (2.11 m)	Dark Bronze Anodized	61815DU

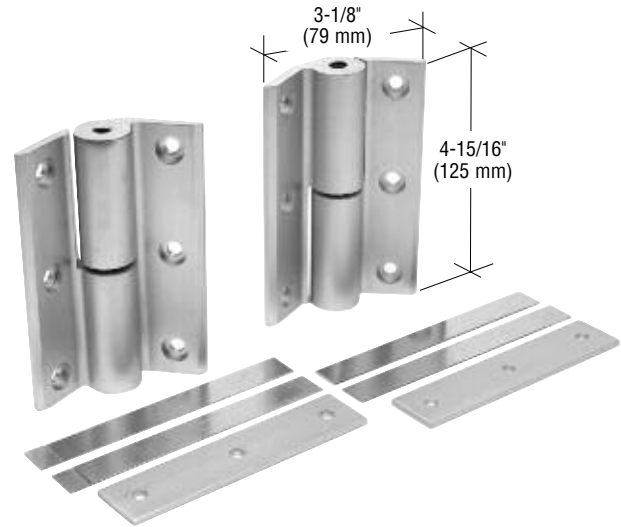
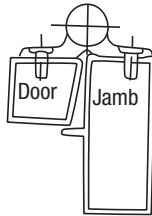
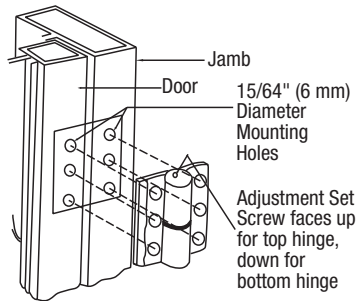
HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
112HD83A	83" (2.11 m)	Satin Anodized	61362SA
112HD83DU	83" (2.11 m)	Dark Bronze Anodized	61815DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Universal Hinge Replacement Kit for Storefront Doors

- Universal Fit for Both Flush and 1/8" (3 mm) Recessed Doors
- Use for Doors Weighing Up to 300 Pounds (136 kg)
- Instant Adjustments to Fine Tolerances
- Smooth Bearing Action
- Self-Lubricating Pin



Each Hinge Kit Contains:

Two Hinges; Two 1/8" (3 mm) Thick Shim Plates; Four Screw Cover Plates; 12 One-Way Mounting Screws; One Hex Wrench; Complete Instructions

CAT. NO.	FINISH
DL1099A	Satin Anodized
DL1099DU	Bronze Anodized

Minimum order: 1 pair. All Storefront Hinges can be combined for quantity pricing.

This Universal Hinge Replacement Kit is machined to the close tolerances required for heavy, continuously used commercial doors. The universal fit allows replacement of all storefront hinges without modification on both flush and 1/8" (3 mm) recessed doors. The secure, non-exposed hinge pins cannot be reached, removed or tampered with. The door weight is supported by a case hardened, self-lubricating pin and machine quality anti-friction roller with thrust bearings sealed in oil.

CRL Reinforcement Backing Plate for Standard Weight Butt Hinge Installations

This CRL Reinforcement Backing Plate is designed to support Standard Weight BB10, BB15, BB30, BB35, BB40, and BB45 Style 4-1/2" (114 mm) Ball Bearing Butt Hinges when mounted to storefront tubes. They are non-handed, and made of heavy gauge, plated steel. Plates are tapped for standard 12-24 machine screws to mount the Plate to the frame or door. Minimum order is one each.

- Used With BB10, BB15, BB30, BB35, BB40, and BB45 Style Standard Weight Butt Hinges
- Non-Handed, Can Be Used for Both Door and Frame Reinforcement



CAT. NO. MHT4

CRL Reinforcement Backing Plate for Heavy Weight Butt Hinge Installations

This CRL Reinforcement Backing Plate is designed to support Heavy Weight BB20, BB25, BB50, BB55, BB60, and BB65 Style 4-1/2" (114 mm) Ball Bearing Butt Hinges when mounted to storefront tubes. They are non-handed, and made of heavy gauge, plated steel. Plates are tapped for standard 12-24 machine screws to mount the Plate to the frame or door. Minimum order is one each.

- Used With BB20, BB25, BB50, BB55, BB60, and BB65 Style Heavy Weight Butt Hinges
- Non-Handed, Can Be Used for Both Door and Frame Reinforcement



CAT. NO. MHA4

CRL Ball Bearing Square Hinges

new

- Full Mortise Hinges for Medium Weight Doors
- Four Sizes Available in a Number of Finishes
- Complete With Machine and Wood Screws

These ball bearing full mortise type Square Hinges are ideal for medium weight doors receiving average frequency use. Made from .134 gauge steel, these Hinges are packed three per box, with machine screws and wood screws included.

3-1/2" X 3-1/2" (89 X 89 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
CB3510B	Removable Pin	Antique Oiled Bronze
CB3515	Removable Pin	Antique Brass
CB3526	Removable Pin	Bright Chrome
CB3526D	Removable Pin	Dull Chrome

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

4" X 4" (102 X 102 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
CB410	Removable Pin	Dull Bronze
CB410A	Removable Pin	Antique Lacquer Bronze
CB410B	Removable Pin	Antique Oiled Bronze
CB415	Removable Pin	Dull Nickel
CB415A	Removable Pin	Antique Nickel
CB426	Removable Pin	Bright Chrome
CB426D	Removable Pin	Dull Chrome
CB43	Removable Pin	Polished Brass
CB44	Removable Pin	Dull Brass

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

4-1/2" X 4-1/2" (114 X 114 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
CB4510	Removable Pin	Dull Bronze
CB4510A	Removable Pin	Antique Lacquer Bronze
CB4510B	Removable Pin	Antique Oiled Bronze
CB4515	Removable Pin	Dull Nickel
CB4526	Removable Pin	Bright Chrome
CB4526D	Removable Pin	Dull Chrome
CB453	Removable Pin	Polished Brass
CB4532D	Removable Pin	Satin Stainless Steel
CB454	Removable Pin	Dull Brass
CB455	Removable Pin	Antique Brass
CB45D	Removable Pin	Black
CB45P	Removable Pin	Prime Coat

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

5" X 5" (127 X 127 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
CB510B	Removable Pin	Antique Oiled Bronze
CB526D	Removable Pin	Dull Chrome
CB53	Removable Pin	Polished Brass

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4" x 4" Ball Bearing Hinge

new

- 1/4" Radius Corners

These 4" x 4" (102 x 102 mm) Hinges have 1/4" (6.3 mm) radius corners. Ball bearing full mortise type Hinges are ideal for medium weight doors receiving average frequency use. Hinges come packed three per box, with machine screws and wood screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
CB4410B	Removable Pin	Antique Oiled Bronze
CB4415	Removable Pin	Dull Nickel
CB4426D	Removable Pin	Dull Chrome
CB443	Removable Pin	Polished Brass
CB444	Removable Pin	Dull Brass
CB44D	Removable Pin	Black

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4" x 4" Ball Bearing Hinge

new

- 5/8" Radius Corners

These 4" x 4" (102 x 102 mm) Hinges have 5/8" (16 mm) radius corners. Hinges are full mortise type ball bearing Hinges, which are ideal for medium weight doors receiving average frequency use. Made from .134 gauge steel, these Hinges are packed three per box, with machine screws and wood screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
CB4810B	Removable Pin	Antique Oiled Bronze
CB4815	Removable Pin	Dull Nickel
CB48D	Removable Pin	Black

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4" Standard Weight Ball Bearing Hinge

• 1/4" Radius Corners

These CRL 4-1/2" x 4" (114 x 102 mm) Hinges have 1/4" (6.3 mm) radius corners. Ball bearing full mortise type Hinges are ideal for medium weight doors receiving average frequency use. Hinges come three per box, with machine screws and wood screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
BB30A	Removable Pin	Satin Chrome
BB30BRZ	Removable Pin	Bronze
BB35NRPA	Non-Removable Pin	Satin Chrome
BB35NRPBRZ	Non-Removable Pin	Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4-1/2" Standard Weight Ball Bearing Hinge

• 1/4" Radius Corners

These CRL 4-1/2" x 4-1/2" (114 x 114 mm) Hinges have 1/4" (6.3 mm) radius corners. Ball bearing full mortise type Hinges are ideal for medium weight doors receiving average frequency use. Hinges come three per box, with machine screws and wood screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
BB40A	Removable Pin	Satin Chrome
BB40BRZ	Removable Pin	Bronze
BB45NRPA	Non-Removable Pin	Satin Chrome
BB45NRPBRZ	Non-Removable Pin	Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4-1/2" Standard Weight Ball Bearing Hinge

These ball bearing full mortise type Butt Hinges are ideal for medium weight metal doors receiving average frequency use. Quality construction (.134 Gauge) in satin chrome and bronze finishes. Standard non-rising button-head pins, also available with non-removable pins. Hinges are packed three per box, with all machine and wood screws included.



CAT. NO.	PIN TYPE	FINISH
BB10A	Standard	Satin Chrome
BB10BRZ	Standard	Bronze
BB15NRPA	Non-Removable	Satin Chrome
BB15NRPBRZ	Non-Removable	Bronze

Minimum order: 1 box. All Storefront Hinges can be combined for quantity pricing.

CRL 4-1/2" x 4" Heavy Weight Ball Bearing Hinge

• 1/4" Radius Corners

These CRL 4-1/2" x 4" (114 x 102 mm) Hinges have 1/4" (6.3 mm) radius corners. Ball bearing full mortise type Hinges are ideal for heavy weight doors receiving high frequency use. Hinges come three per box, with machine screws and wood screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
BB50A	Removable Pin	Satin Chrome
BB50BRZ	Removable Pin	Bronze
BB55NRPA	Non-Removable Pin	Satin Chrome
BB55NRPBRZ	Non-Removable Pin	Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4-1/2" Heavy Weight Ball Bearing Hinge

CRL 4-1/2" x 4-1/2" (114 x 114 mm) heavy weight ball bearing full mortise type Hinges are ideal for heavy weight doors receiving high frequency use. Hinges come three per box, with machine screws and wood screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
BB20A	Removable Pin	Satin Chrome
BB20BRZ	Removable Pin	Bronze
BB25NRPA	Non-Removable Pin	Satin Chrome
BB25NRPBRZ	Non-Removable Pin	Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4-1/2" Heavy Weight Ball Bearing Hinge

• 1/4" Radius Corners

These CRL 4-1/2" x 4-1/2" (114 x 114 mm) Hinges have 1/4" (6.3 mm) radius corners. Heavy weight ball bearing Hinges are ideal for heavy weight doors receiving high frequency use. Hinges come three per box, with machine screws and wood screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
BB60A	Removable Pin	Satin Chrome
BB60BRZ	Removable Pin	Bronze
BB65NRPA	Non-Removable Pin	Satin Chrome
BB65NRPBRZ	Non-Removable Pin	Bronze

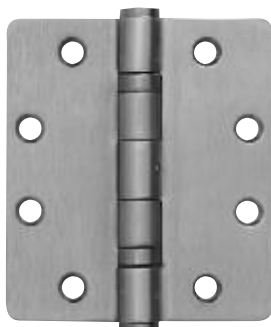
Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4" Standard Weight Ball Bearing Hinge

new

- Stainless Steel
- Used on Narrow, Medium, and Wide Stile Doors

These 4-1/2" x 4" (114 x 102 mm) stainless steel Hinges have 1/4" (6.3 mm) radius corners. Ball bearing full mortise type Hinges are ideal for storefront doors receiving moderate to heavy traffic flow. Hinges are sold separately, with machine screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
DH70911	Non-Removable Pin	Clear
DH70922	Non-Removable Pin	Bronze

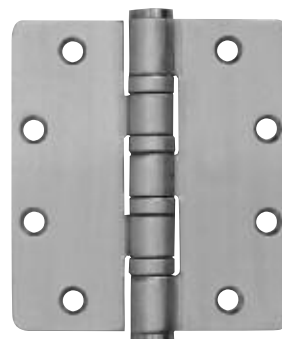
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL 5" x 4-1/2" Heavy-Duty Ball Bearing Hinge

new

- Brass Construction
- Ideal for Heavy Weight Doors

These 5" x 4-1/2" (127 x 114 mm) heavy-duty brass Hinges have 1/4" (6.3 mm) radius corners. Ball bearing full mortise type Hinges are designed for heavy doors receiving heavy abusive traffic flow. Hinges are sold separately, with machine screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
DH71911	Non-Removable Pin	Clear
DH71922	Non-Removable Pin	Bronze

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Double-Acting Spring Hinge

new

- Available for Two Door Thicknesses
- Dull Brass Finish

CRL Double-Acting Spring Hinges have square corners and are available for two door thicknesses. They are packed one pair per box. Wood screws and machine screws are included.



CAT. NO.	DOOR THICKNESS	FINISH
0705DB	Fits 1" to 1-1/2" (25 to 38 mm) Doors	Dull Brass
0706DB	Fits 1-1/4" to 1-3/4" (32 to 45 mm) Doors	Dull Brass

Minimum order: 1 pair. Sizes can be combined for quantity pricing.

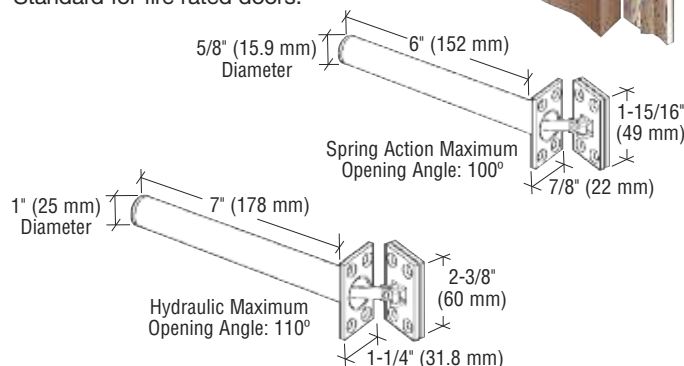
CRL Concealed Door Closers



new

- Hydraulic Models for Commercial Doors Up to 110 Pounds (50 kg) With Smoke Seals
- Spring Action Models for Residential Doors Up to 150 Pounds (68 kg) Without Smoke Seals

CRL Concealed Door Closers are vandal proof, unobtrusive, and cost effective. Closers are U.L. Listed and meet Canadian National Standard for fire rated doors.



HYDRAULIC CAT. NO.	SPRING ACTION CAT. NO.	FINISH
KC01BFS	KC31US	Brass
KC01CFS	KC32HD	Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Plain Bearing Square Hinges

new

- Full Mortise Hinges for Medium Weight, Average Service Doors
- Three Sizes Available in a Variety of Finishes
- Complete With Machine and Wood Screws

These plain bearing full mortise type Square Hinges are ideal for medium weight doors receiving average frequency use. They are available in up to nine finishes, and made from .134 gauge steel. Hinges are packed three per box, with machine screws and wood screws included.



3-1/2" X 3-1/2" (89 X 89 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
C3510A	Removable Pin	Antique Lacquer Bronze
C3510B	Removable Pin	Antique Oiled Bronze
C3515	Removable Pin	Dull Nickel
C3515A	Removable Pin	Antique Nickel
C3526D	Removable Pin	Dull Chrome
C355	Removable Pin	Antique Brass

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

4" X 4" (102 X 102 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
C410A	Removable Pin	Antique Lacquer Bronze
C410B	Removable Pin	Antique Oiled Bronze
C415	Removable Pin	Dull Nickel
C426	Removable Pin	Bright Chrome
C426D	Removable Pin	Dull Chrome
C4D	Removable Pin	Black

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

4-1/2" X 4-1/2" (114 X 114 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
C4510A	Removable Pin	Antique Lacquer Bronze
C4510B	Removable Pin	Antique Oiled Bronze
C4515	Removable Pin	Dull Nickel
C4526	Removable Pin	Bright Chrome
C4526D	Removable Pin	Dull Chrome
C453	Removable Pin	Polished Brass
C454	Removable Pin	Dull Brass
C45D	Removable Pin	Black
C45P	Removable Pin	Prime Coat

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4" x 4" Plain Bearing Hinge **new**

- 1/4" Radius Corners

These 4" x 4" (102 x 102 mm) plain bearing full mortise type Hinges have 1/4" (6.3 mm) radius corners. They are ideal for medium weight doors receiving average frequency use. Made from .134 gauge steel, these Hinges are packed three per box, with machine screws and wood screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
C4410B	Removable Pin	Antique Oiled Bronze
C4415	Removable Pin	Dull Nickel
C4426D	Removable Pin	Dull Chrome
C444	Removable Pin	Dull Brass
C445	Removable Pin	Antique Brass

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4" x 4" Plain Bearing Hinge **new**

- 5/8" Radius Corners

These 4" x 4" (102 x 102 mm) plain bearing full mortise type Hinges have 5/8" (16 mm) radius corners, and are ideal for medium weight doors receiving average frequency use. Made from .134 gauge steel, Hinges come packed three per box, with machine screws and wood screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
C4810B	Removable Pin	Antique Oiled Bronze
C4826D	Removable Pin	Dull Chrome

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 3-1/2" x 3-1/2" Heavy-Duty Spring Hinge **new**

- 1/4" Radius Corners
- Commercial Grade

These 3-1/2" x 3-1/2" (89 x 89 mm) Heavy-Duty Spring Hinges have 1/4" (6.3 mm) radius corners and are packed one per box. Wood screws and machine screws are included.



CAT. NO.	FINISH
S35426D	Dull Chrome
S3543PB	Polished Brass
S3544	Dull Brass

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL 3-1/2" x 3-1/2" Heavy-Duty Spring Hinge **new**

- 5/8" Radius Corners
- Commercial Grade

These 3-1/2" x 3-1/2" (89 x 89 mm) Heavy-Duty Spring Hinges have 5/8" (16 mm) radius corners and are packed one per box. Wood screws and machine screws are included.



CAT. NO.	FINISH
S35810B	Antique Oiled Bronze
S35826D	Dull Chrome

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL 3-1/2" Hinge Fillers **new**

- 1/4" and 5/8" Radius Corners

CRL 3-1/2" (89 mm) Hinge Fillers have 1/4" or 5/8" (6.3 or 16 mm) radius corners. Packed individually with machine screws and wood screws.



CAT. NO.	RADIUS SIZE	FINISH
F35410B	1/4" (6.3 mm)	Antique Oiled Bronze
F35426D	1/4" (6.3 mm)	Dull Chrome
F35810B	5/8" (16 mm)	Antique Oiled Bronze
F35826D	5/8" (16 mm)	Dull Chrome

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL 4" x 4" Heavy-Duty Spring Hinge **new**

- 1/4" Radius Corners
- Commercial Grade

These 4" x 4" (102 x 102 mm) Heavy-Duty Spring Hinges have 1/4" (6.3 mm) radius corners and are packed one per box. Wood screws and machine screws are included.



CAT. NO.	FINISH
S4410B	Antique Oiled Bronze
S4415	Dull Nickel
S4415A	Antique Nickel
S4426BC	Bright Chrome
S4426D	Dull Chrome
S443	Polished Brass
S444	Dull Brass
S44D	Black

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL 4" x 4" Heavy-Duty Spring Hinge **new**

- 5/8" Radius Corners
- Commercial Grade

These 4" x 4" (102 x 102 mm) Heavy-Duty Spring Hinges have 5/8" (16 mm) radius corners and are packed one per box. Wood screws and machine screws are included.



CAT. NO.	FINISH
S4810B	Antique Oiled Bronze
S4815	Dull Nickel
S4826	Bright Chrome
S4826D	Dull Chrome

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Heavy-Duty Square Spring Hinge **new**

- Available in Two Sizes

These Heavy-Duty Spring Hinges have square corners and are packed one per box. Wood screws and machine screws are included.



4-1/2" X 4-1/2" (114 X 114 MM)

4" X 4" (102 X 102 MM)	CAT. NO.	FINISH
S410B	S4510B	Antique Oiled Bronze
S415	S4515	Dull Nickel
S426D	S4526D	Dull Chrome
	S454	Dull Brass
	S45D	Black

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

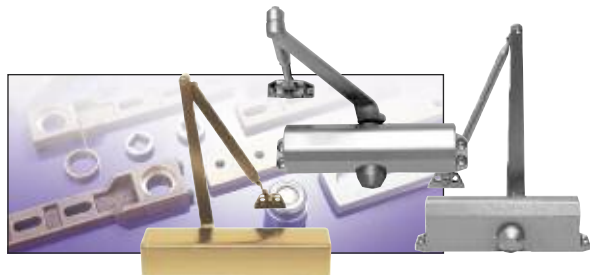
CRL Concealed Closer Retrofit Free-Swing Pivots and Arms



What's in the Header?
International®, Jackson®,
DORMA®, Kawneer® Husky®?

What's in the Floor?
Jackson®, Rixson®,
DORMA®, Dor-O-Matic®?

- For a Small Investment of CRL Surface Mount Door Closers, and an Assortment of CRL Free-Swing Pivots and Arms, You Can Cover 95% of All Installations



Service calls to repair concealed door closers due to closer failure or application problems are extremely expensive and frustrating. You must travel to the job site and, in most instances, remove the door and cover plates to determine the brand and closer type. After all that you find that the closer needs to be replaced. Because of the many varieties of closers, chances are you will need to order the closer and leave your customer with a dangerous, inoperative door.

CRL Free-Swing products give you an additional option. You can repair the malfunctioning door immediately without an additional service call with CRL Free-Swing Pivot and Arm Hardware. The beauty of the system is that it's less expensive, and can be done immediately without removing the defective concealed closer. Simply attach the appropriate Free-Swing Pivot Accessory to the old door closer spindle, this makes the door swing freely, completely independent of the existing closer. Then install a CRL Surface Mounted Door Closer to take care of the closing action and the job is done! The only change in operation is on center-hung, double acting doors. These must be changed to single acting doors by installing the angle stop provided in the package. There is no change in operation for single acting doors using butt or offset hinges, as these doors were single acting in the first place.

Are customers interested in selecting this option? In most cases the answer is "Yes", but only if you can offer it to them. A selection of CRL Surface Mounted Door Closers and a variety of CRL Free-Swing Pivots, Arms, and Accessories will cover 95% of all installations. Your customer saves because you can offer a valuable, cost effective service.

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Rixson is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

CRL Center-Hung Free-Swing Arm and Bottom Pivot

The NDC100 works on most existing floor closer spindles to make the door swing free.



CAT. NO.	DESCRIPTION
NDC100	Center-Hung Free-Swing Arm and Bottom Pivot

Minimum order: 1 each.

CRL Offset Free-Swing Arm and Bottom Pivot



The NDC101 Series works on most existing floor closer spindles to make the door swing free. These Arms come with a 3/4" or 1-1/2" (19 or 38 mm) offset, and are available in left hand and right hand models. Pivot is included.

CAT. NO.	DESCRIPTION
NDC101LH	Left Hand 3/4" (19 mm) Offset Floor Closer Arm
NDC101RH	Right Hand 3/4" (19 mm) Offset Floor Closer Arm
NDC101LH15	Left Hand 1-1/2" (38 mm) Offset Floor Closer Arm
NDC101RH15	Right Hand 1-1/2" (38 mm) Offset Floor Closer Arm

Minimum order: 1 each.

CRL Center-Hung Free-Swing End-Load Top Arm



The NDC102 works on most existing overhead concealed door closers using end-load arms, including the Kawneer® Husky®. The spindle adapter rotates inside the bronze bushing and allows the door to swing free. Header mounted door stop included.

CAT. NO.	DESCRIPTION
NDC102	Center-Hung Free-Swing End-Load Top Arm

Minimum order: 1 each.

CRL Center-Hung Free-Swing Side-Load Top Arm



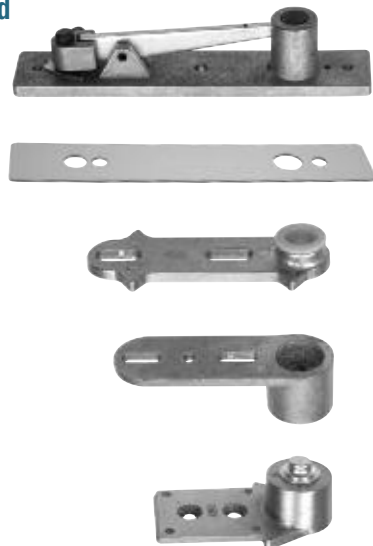
The NDC102 works on most existing overhead concealed door closers using side-load arms. The spindle adapter rotates inside a bronze bushing and allows the door to swing free. Arms are handed (see illustration at right for handing). Header mounted door stop

CAT. NO.	DESCRIPTION
NDC102SL LH	Left Hand Center-Hung Free-Swing Side-Load Top Arm
NDC102SL RH	Right Hand Center-Hung Free-Swing Side-Load Top Arm

Minimum order: 1 each.

CRL Jackson Center-Hung Pivot Set for Aluminum Doors

- Set Includes Both Top and Bottom Pivot, Cover, and Components
- For Use With 1-3/4" (44.5 mm) Aluminum Doors
- Non-Handed



This complete Pivot Set is suited for use with standard 1-3/4" (44.5 mm) thick aluminum storefront doors. These non-handed Pivot Sets are perfect for new or retrofit applications. Maximum Weight: 125 lbs. (57 kg).

CAT. NO.	FINISH
670M628	Aluminum
670M313	Dark Bronze

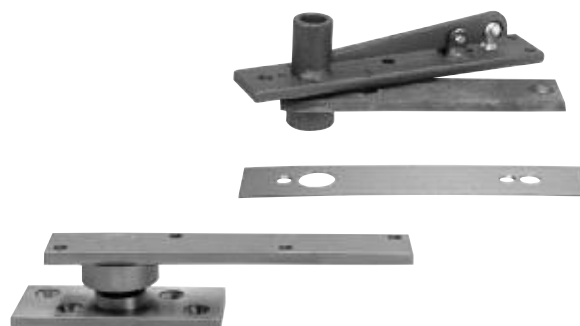
Minimum order: 1 each.

CRL Rixson® Center-Hung Pivot Set

- Interior or Exterior Doors Up to 500 Pounds (227 kg)
- 340 Center-Hung Top Pivot Included

RIXSON®

Rixson® is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.



This Rixson® Center-Hung Pivot Set features a 500 pound (227 kg) weight capacity, and can be used on doors up to 44" x 102" (1118 x 2591 mm). Double-acting non-handed Bottom Pivot mounts directly to floor. Sealed bearings for protection against the weather.

CAT. NO.	COVER PLATE FINISH
370SC	Satin Chrome
370PC	Polished Chrome
370PB	Polished Brass
370DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Jackson 3/4" Offset Pivot Set

- Includes Both Top and Bottom Pivot Components
- Non-Handed



This complete Offset Pivot Set is used with standard 1-3/4" (44.5 mm) thick storefront aluminum doors. Non-handed Pivot Sets are perfect for new or retrofit applications. Maximum weight is 125 pounds (57 kg).

CAT. NO.	FINISH
689628	Satin Aluminum
689313	Dark Bronze

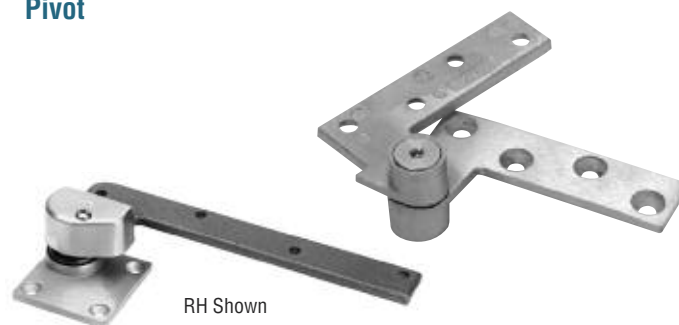
Minimum order: 1 each.

CRL Rixson® 3/4" Offset Top Pivot

- Interior or Exterior Doors Up to 600 Pounds (272 kg)
- Includes R180 Top Offset Pivot

RIXSON®

Rixson® is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.



These Rixson® Offset Pivots have a 600 pound (272 kg) weight capacity, and will work on doors up to 42" (1067 mm) in width. Choice of left or right handed with finished Cover Plate.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	COVER FINISH
147LHSC	147RHSC	Satin Chrome
147LHPC	147RHPC	Polished Chrome
147LHPB	147RHPB	Polished Brass
147LH DU	147RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Jackson 3/4" Offset Aluminum Intermediate Pivot

• For Use With 1-3/4" (44.5 mm) Doors

These Intermediate 3/4" (19 mm) Offset Pivots are for new or retrofit use with standard 1-3/4" (44.5 mm) storefront aluminum doors to maintain door alignment. They are not intended to be load-bearing pivots. Pivots feature a 5/8" (15.9 mm) vertical adjustment.



LH Shown

LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
41J190L628	41J190R628	Aluminum
41J190L313	41J190R313	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Rixson® 3/4" Offset Intermediate Pivot



Rixson® is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

• Available In Four Finishes

This CRL Rixson® 3/4" (19 mm) Offset Intermediate Pivot is designed for use with standard 1-3/4" (44.5 mm) doors to maintain door alignment. Pivots are handed, and stocked in four standard architectural finishes. These Pivots are fully mortised and non load-bearing, and are supplied with wood and machine screws to allow most common installations.



LH Shown

LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
M19LHSC	M19RHSC	Satin Chrome
M19LHPC	M19RHPC	Polished Chrome
M19LHPB	M19RHPB	Polished Brass
M19LHDU	M19RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Reinforcement Backing Plate for Intermediate Offset Pivots

• Non-Handed, Used for Both Door and Frame Reinforcement

This CRL Reinforcement Backing Plate is designed to support standard Intermediate Pivots (see above) when mounted to storefront tubes. They are non-handed and made of heavy gauge plated steel. Plates are tapped for standard 1/4-20 machine screws for the pivot mounting, and 12-24 machine screws to mount the plate to the frame or door. Minimum order is one each.



CAT. NO. 2302711

CRL Technical Assistance

- Auto CAD and Shop Drawings
- Installation Advice
- Detailed Project Quotes

We have added a dedicated Computer Aided Drafting (CAD) Department to our arsenal of Technical Sales and Engineering groups to assist you with drawing submittals and custom design work to land that special project.

Let CRL's Technical Sales Team help you with your project. Everyone at C.R. Laurence is dedicated to providing superior customer service, along with products and resources to keep our customers on the cutting edge of technology.



Call (800) 421-6144 in the United States, (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Commercial Technical Sales at Ext. 7700. Direct Fax (800) 587-7501 or (323) 584-5289 Direct E-Mail architectural@crlaurence.com

To view or place an order for any CRL product visit our Online Catalog at crlaurence.com

CRL 3/4" Offset Pivot Sets

- 1/8" (3.2 mm) Vertical Adjustment
- Die Cast Aluminum
- Suitable for Aluminum Frames and Doors Weighing Up to 125 Pounds (57 kg)

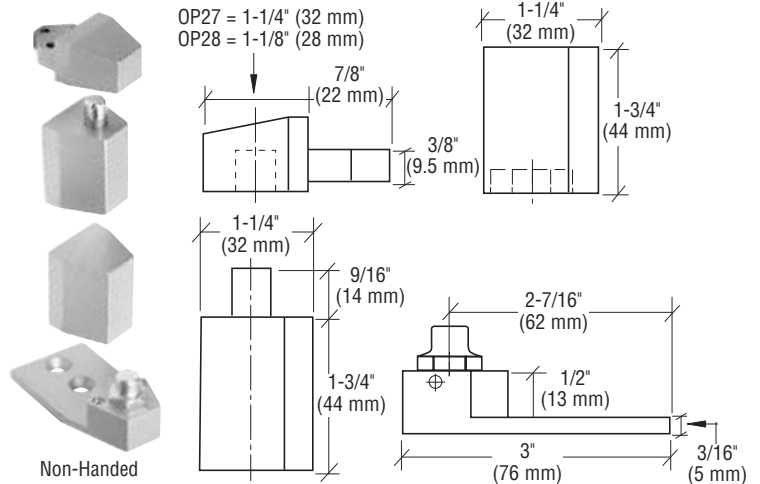
OP27 and OP28 Series

- Non-Handed
- Reversible

Non-handed Pivot Sets are available in satin aluminum and dark bronze finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
OP27NHA	Reversible	Flush with Frame Face	Aluminum
OP27NH DU	Reversible	Flush with Frame Face	Dark Bronze
OP28NHA	Reversible	Recessed 1/8" (3.2 mm)	Aluminum
OP28NH DU	Reversible	Recessed 1/8" (3.2 mm)	Dark Bronze

Minimum order: 1 each. All Pivot Sets can be combined for quantity pricing.



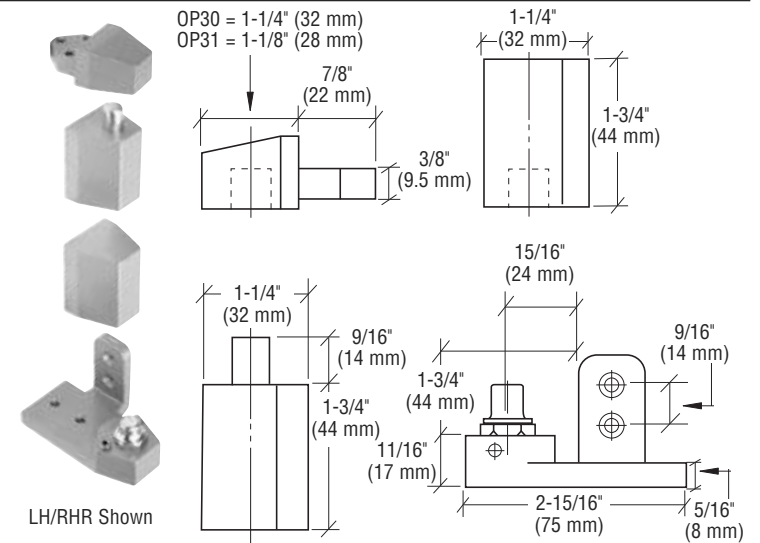
OP30 and OP31 Series

- Handed - Not Reversible
- Used on: Arcadia®, Arch Aluminum®, Tubelite®, Vistawall®

Left or right hand Pivot Sets are available in satin aluminum and dark bronze finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
OP30LHA	Left Hand	Flush with Frame Face	Aluminum
OP30LH DU	Left Hand	Flush with Frame Face	Dark Bronze
OP30RHA	Right Hand	Flush with Frame Face	Aluminum
OP30RH DU	Right Hand	Flush with Frame Face	Dark Bronze
OP31LHA	Left Hand	Recessed 1/8" (3.2 mm)	Aluminum
OP31LH DU	Left Hand	Recessed 1/8" (3.2 mm)	Dark Bronze
OP31RHA	Right Hand	Recessed 1/8" (3.2 mm)	Aluminum
OP31RH DU	Right Hand	Recessed 1/8" (3.2 mm)	Dark Bronze

Minimum order: 1 each. All Pivot Sets can be combined for quantity pricing.



OP34 Series

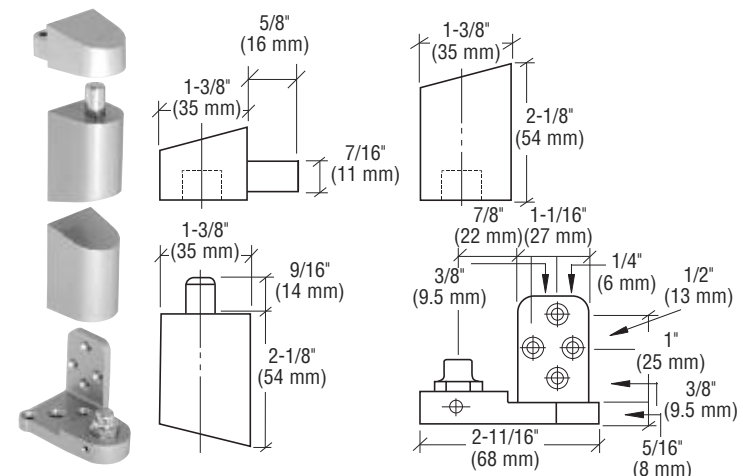
- Handed
- Not Reversible

Left or right hand Pivot Sets are available in satin aluminum and dark bronze finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
OP34LHA	Left Hand	Flush with Frame Face	Aluminum
OP34LH DU	Left Hand	Flush with Frame Face	Dark Bronze
OP34RHA	Right Hand	Flush with Frame Face	Aluminum
OP34RH DU	Right Hand	Flush with Frame Face	Dark Bronze

Minimum order: 1 each. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see page 598W.

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Arch Aluminum is a registered trademark of Trulite Glass & Aluminum Solutions, LLC.
Tubelite is a registered trademark of Tubelite, Inc.
Vistawall is a registered trademark of Oldcastle Building Envelope, Inc.



CRL 3/4" Offset Pivot Sets

OP40 Series

- Handed - Not Reversible
- Used on: Amarlite®, Arch Aluminum®, Rebco®

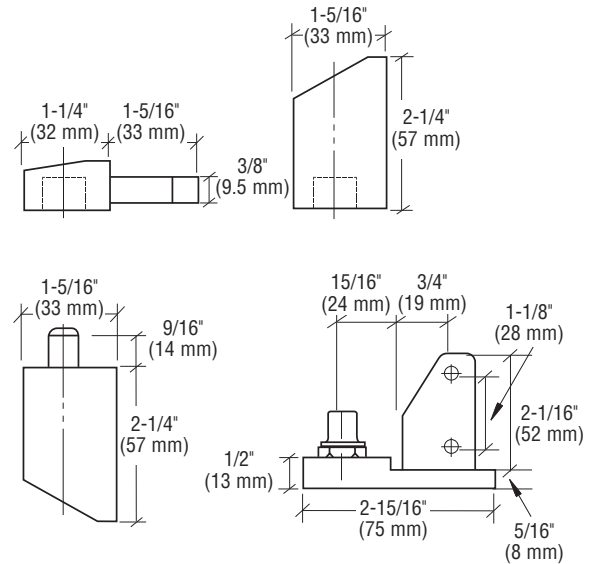
Left or right hand Pivot Sets are available in satin aluminum and dark bronze finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
OP40LHA	Left Hand	Recessed 1/8" (3.2 mm)	Aluminum
OP40LH DU	Left Hand	Recessed 1/8" (3.2 mm)	Dark Bronze
OP40RHA	Right Hand	Recessed 1/8" (3.2 mm)	Aluminum
OP40RH DU	Right Hand	Recessed 1/8" (3.2 mm)	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see page 598W.



LH/RHR Shown



OP41 Series

- Handed - Not Reversible
- Used on: Pittco®, PPG®

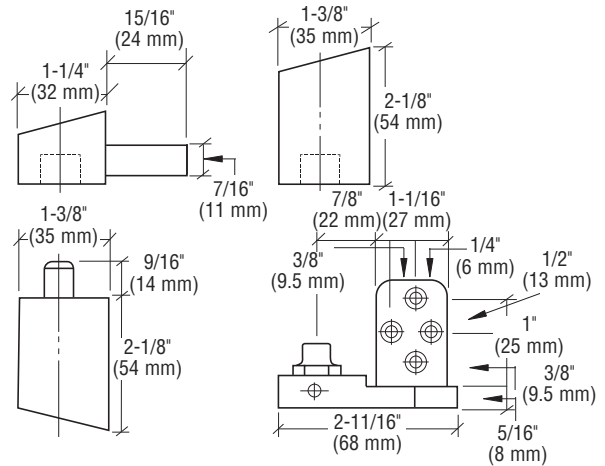
Left or right hand Pivot Sets are available in satin aluminum and dark bronze finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
OP41LHA	Left Hand	Recessed 3/32" (2.4 mm)	Aluminum
OP41LH DU	Left Hand	Recessed 3/32" (2.4 mm)	Dark Bronze
OP41RHA	Right Hand	Recessed 3/32" (2.4 mm)	Aluminum
OP41RH DU	Right Hand	Recessed 3/32" (2.4 mm)	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see page 598W.



LH/RHR Shown



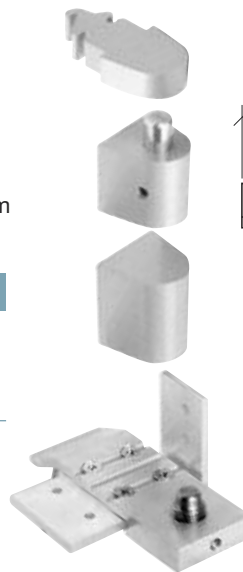
OP50 Series

- Handed - Not Reversible
- Used on: Arch Aluminum®

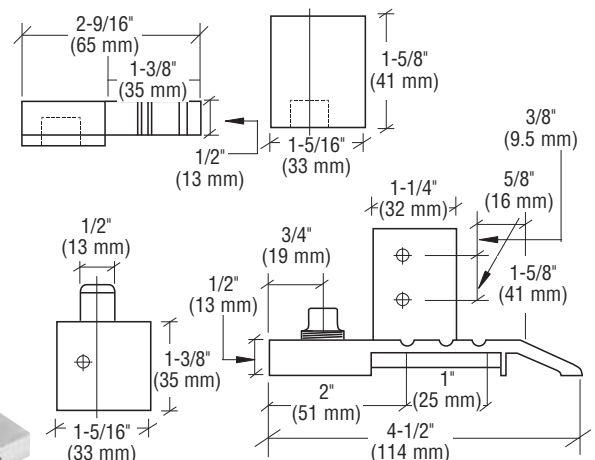
Left or right hand Pivot Sets are available in satin aluminum and dark bronze finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
OP50LHA	Left Hand	Recessed 1/8" (3.2 mm)	Aluminum
OP50LH DU	Left Hand	Recessed 1/8" (3.2 mm)	Dark Bronze
OP50RHA	Right Hand	Recessed 1/8" (3.2 mm)	Aluminum
OP50RH DU	Right Hand	Recessed 1/8" (3.2 mm)	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see page 598W.



LH/RHR Shown



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CRL 3/4" Offset Pivot Sets

OP70 Series

new

• Handed - Not Reversible

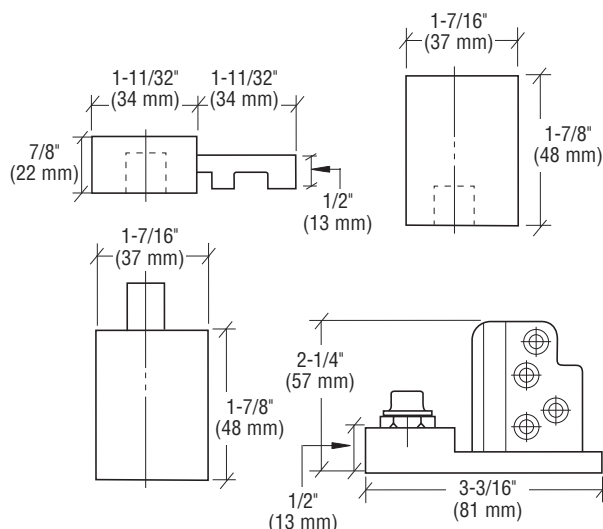
Left or right hand Pivot Sets are available in satin aluminum and dark bronze finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
OP70LHA	Left Hand	Flush and Recessed 1/8" (3.2 mm)	Aluminum
OP70LHDU	Left Hand	Flush and Recessed 1/8" (3.2 mm)	Dark Bronze
OP70RHA	Right Hand	Flush and Recessed 1/8" (3.2 mm)	Aluminum
OP70RHU	Right Hand	Flush and Recessed 1/8" (3.2 mm)	Dark Bronze

Minimum order: 1 each. All Pivot Sets can be combined for quantity pricing.



LH/RHR Shown



J25 and J26 Series

new

• Handed - Not Reversible

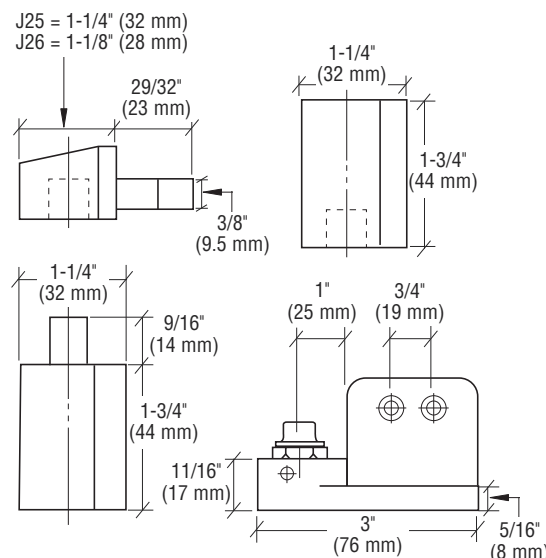
Left or right hand Pivot Sets are available in satin aluminum and dark bronze finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
41J25L628	Left Hand	Flush with Frame Face	Aluminum
41J25L313	Left Hand	Flush with Frame Face	Dark Bronze
41J25R628	Right Hand	Flush with Frame Face	Aluminum
41J25R313	Right Hand	Flush with Frame Face	Dark Bronze
41J26L628	Left Hand	Recessed 1/8" (3.2 mm)	Aluminum
41J26L313	Left Hand	Recessed 1/8" (3.2 mm)	Dark Bronze
41J26R628	Right Hand	Recessed 1/8" (3.2 mm)	Aluminum
41J26R313	Right Hand	Recessed 1/8" (3.2 mm)	Dark Bronze

Minimum order: 1 each. All Pivot Sets can be combined for quantity pricing.



LH/RHR Shown



J43 Series

new

• Handed - Not Reversible

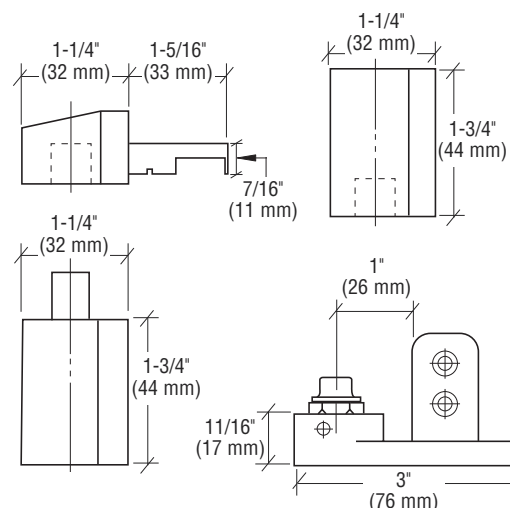
Left or right hand Pivot Sets are available in satin aluminum and dark bronze finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
41J43L628	Left Hand	Flush with Frame Face	Aluminum
41J43L313	Left Hand	Flush with Frame Face	Dark Bronze
41J43R628	Right Hand	Flush with Frame Face	Aluminum
41J43R313	Right Hand	Flush with Frame Face	Dark Bronze

Minimum order: 1 each. All Pivot Sets can be combined for quantity pricing.



LH/RHR Shown



CRL 3/4" Offset Pivot Sets

new

OP400 Top and Bottom Pivot Sets

- Handed - Not Reversible
- Used on: U.S. Aluminum
- Adjustable Bottom Door Portion

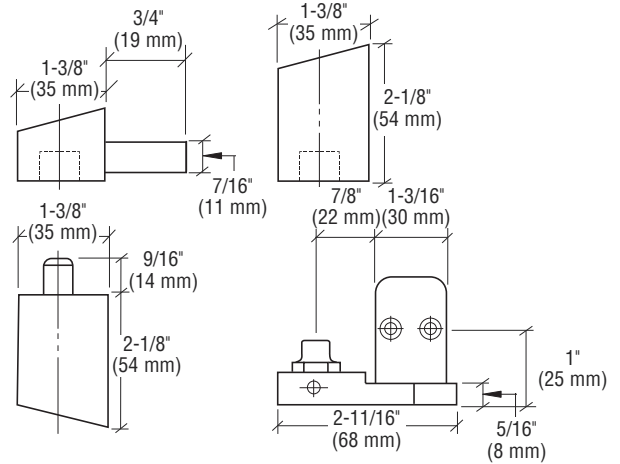
Left or right hand Pivots Sets are available in satin aluminum, dark bronze, and black finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
OP40011L	Left Hand	Flush with Frame Face	Aluminum
OP40022L	Left Hand	Flush with Frame Face	Dark Bronze
OP40033L	Left Hand	Flush with Frame Face	Black
OP40011R	Right Hand	Flush with Frame Face	Aluminum
OP40022R	Right Hand	Flush with Frame Face	Dark Bronze
OP40033R	Right Hand	Flush with Frame Face	Black

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see below.



LH/RHR Shown



CRL 3/4" Intermediate Offset Pivot Sets

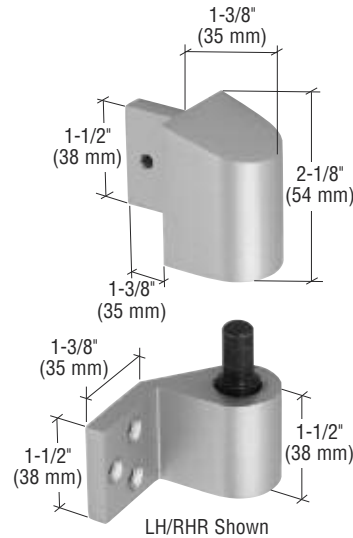
new

- Handed - Not Reversible
- Used on: U.S. Aluminum

Left or right hand Intermediate Pivots are available in satin aluminum, dark bronze, and black finishes. One set per package.

CAT. NO.	HANDING	APPLICATION	FINISH
DH02211L	Left Hand	Flush with Frame Face	Aluminum
DH02222L	Left Hand	Flush with Frame Face	Dark Bronze
DH02233L	Left Hand	Flush with Frame Face	Black
DH02211R	Right Hand	Flush with Frame Face	Aluminum
DH02222R	Right Hand	Flush with Frame Face	Dark Bronze
DH02233R	Right Hand	Flush with Frame Face	Black

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.



LH/RHR Shown

CRL Jackson J14 3/4" Offset Intermediate Pivot Sets

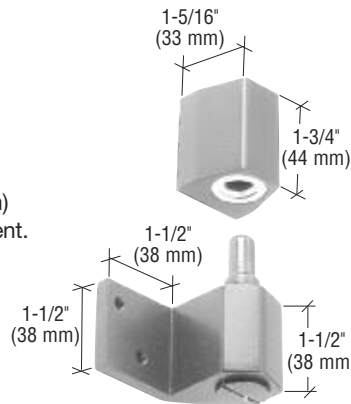
new

- Long or Short Leg Available for Jamb Mounting
- Reversible - Non-Handed

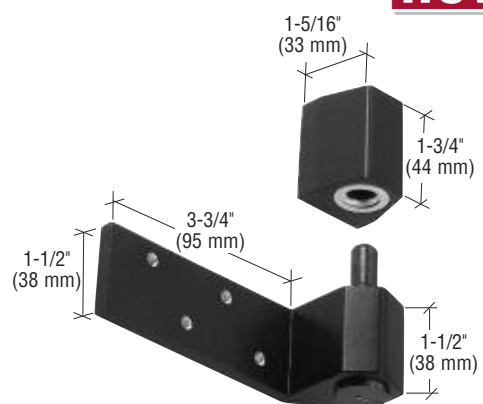
These Intermediate Pivots are designed to mount to the jamb and fit standard 1-3/4" (44.5 mm) storefront aluminum doors to maintain door alignment. They are not intended to be load-bearing pivots. Available in both short and long leg models.

SHORT LEG CAT. NO.	LONG LEG CAT. NO.	FINISH
41J14S628	41J14628	Aluminum
41J14S313	41J14313	Dark Bronze

Minimum order: 1 set.



Short Leg



Long Leg

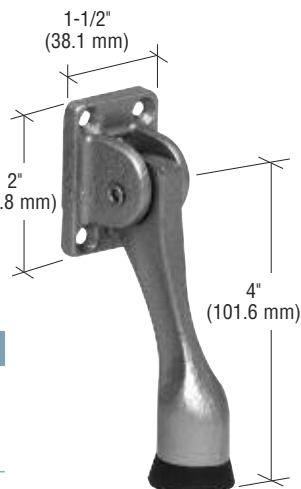
CRL Door Mounted 4" Heavy-Duty Door Holder

- Cast Iron Construction
- Wood Screws Included

The CRL Heavy-Duty Door Holder is a 4" (101.6 mm) kick-down style holder with rubber tip. It is intended to hold the door open at any degree of opening. One per package or bulk packs of 10.

CAT. NO.	FINISH	QTY/PACK
J4551	Aluminum	1
J4551B	Aluminum	10
J4552	Bronze	1
J4552B	Bronze	10

Minimum order: 1 pack. Door Hardware on this page can be combined for quantity pricing.



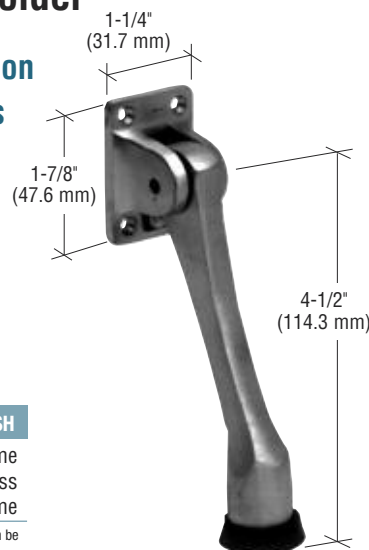
CRL Door Mounted 4-1/2" Heavy-Duty Door Holder

- Solid Brass Construction
- Meets ANSI Standards

This CRL Heavy-Duty Door Stop is a 4-1/2" (114 mm) kick-down style holder with rubber tip. Designed to hold door open at any degree of opening. Wood mounting screws are included. One per package.

CAT. NO.	FINISH
J4571	Brushed Chrome
J4572	Polished Brass
J4671	Polished Chrome

Minimum order: 1 pack. Door Hardware on this page can be combined for quantity pricing.



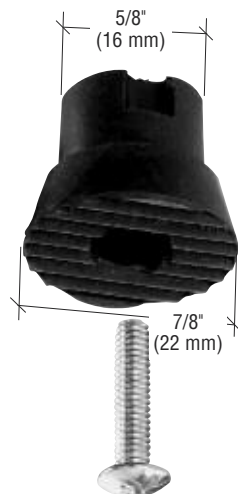
CRL Door Holder Replacement Tip

- Easy to Install
- Fits 5/8" Hole

This 7/8" (22 mm) diameter Replacement Tip replaces worn tips on door mounted kick down stops and holders. Push into 5/8" (16 mm) hole in the bottom of existing door stop. Tip is secured with one screw.

CAT. NO.	FINISH	QTY/PKG
J4557	Black	2

Minimum order: 1 pack.



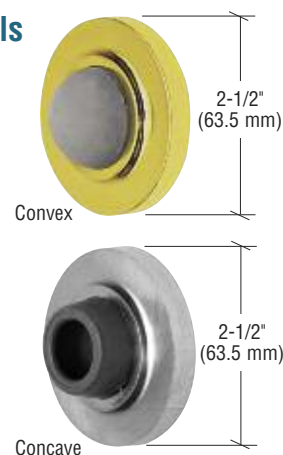
CRL Wall Mount Door Bumpers

- Convex and Concave Models

Heavy cast housing with a vinyl insert. 2-1/2" (63.5 mm) diameter base plate mounts to wall, and housing mounts over plate to conceal mounting screws. Projects 1" (25 mm) from surface of wall. One per package.

CONVEX CAT. NO.	CONCAVE CAT. NO.	FINISH
DL2511A	DL2512A	Satin Chrome
DL2511DU	DL2512DU	Dark Bronze
DL2511PB	DL2512PB	Polished Brass

Minimum order: 1 each. Door Hardware on this page can be combined for quantity pricing.



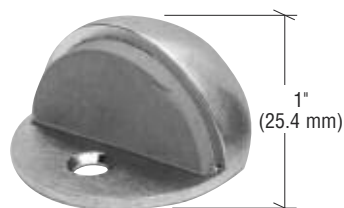
CRL Dome Door Stop

- Low Profile Base

Heavy cast 1-3/4" (44.4 mm) Door Stop with a vinyl insert. The low profile base has a post that seats into a hole bored into the floor, preventing base from shifting. One per package.

CAT. NO.	FINISH
DL2501A	Satin Chrome
DL2501DU	Dark Bronze
DL2501PB	Polished Brass

Minimum order: 1 each. Door Hardware on this page can be combined for quantity pricing.



3/32" (2.4 mm)
Low Profile Base

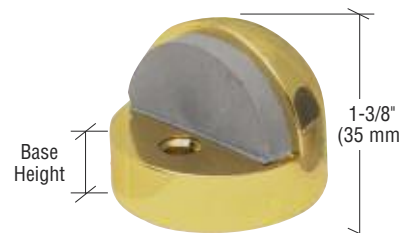
CRL Dome Door Stop

- High Profile Base

Heavy cast 1-3/4" (44.4 mm) Door Stop with a vinyl insert. The high profile base has a post that seats into a hole bored into the floor, preventing base from shifting. One per package.

CAT. NO.	BASE HEIGHT	FINISH
DL2502A	1/2" (12.7 mm)	Satin Chrome
DL2502DU	1/2" (12.7 mm)	Dark Bronze
DL2502PB	1/2" (12.7 mm)	Polished Brass
DH80100	7/16" (11 mm)	Brushed Chrome

Minimum order: 1 each. Door Hardware on this page can be combined for quantity pricing.



CRL Heavy-Duty Floor Mount Door Stop

Heavy brass die cast body with rubber bumper. The Floor Mount Stop has a center floor post which seats into a bored hole in the floor, preventing shifting of the base. Screws and anchors are included. One per package.

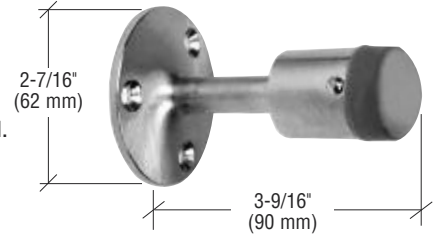


CAT. NO.	TYPE	FINISH
DL2522A	Floor Mount	Satin Chrome
DL2522PB	Floor Mount	Polished Brass
DL2522DU	Floor Mount	Dark Bronze

Minimum order: 1 each. All Floor and Wall Mount Stops and Bumpers can be combined for quantity pricing.

CRL Heavy-Duty Wall Mount Door Stop

The CRL Wall Mount Door Stop has a heavy brass die cast body with rubber bumper. Screws and anchors are included. One per package.



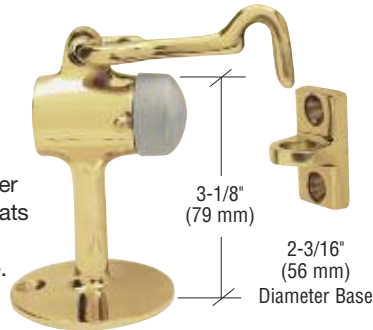
CAT. NO.	TYPE	FINISH
DL2532A	Wall Mount	Satin Chrome
DL2532PB	Wall Mount	Polished Brass

Minimum order: 1 each. All Floor and Wall Mount Stops and Bumpers can be combined for quantity pricing.

CRL Floor Mount Heavy-Duty Door Holder

- **Hold-Open Hook and Holder**
- **Brass Die Cast**

The Floor Mount Door Holder has a center floor post that seats into a bored hole in the floor, preventing shifting of the base. Screws and anchors are included. One per package.



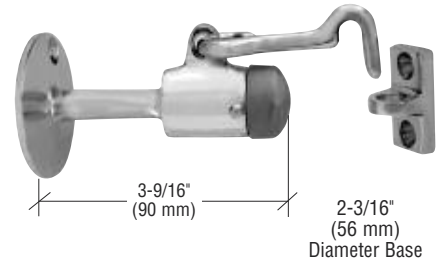
CAT. NO.	TYPE	FINISH
DL2521A	Floor Mount	Satin Chrome
DL2521PB	Floor Mount	Polished Brass
DL2521DU	Floor Mount	Dark Bronze

Minimum order: 1 each. All Floor and Wall Mount Stops and Bumpers can be combined for quantity pricing.

CRL Wall Mount Heavy-Duty Door Holder

- **Hold-Open Hook and Holder**
- **Brass Die Cast**

This CRL Wall Mount Door Holder has a Hook Latch to keep the door in the open position. The body is made from cast brass. Screws and anchors are included. One per package.



CAT. NO.	TYPE	FINISH
DL2531A	Wall Mount	Satin Chrome
DL2531PB	Wall Mount	Polished Brass
DL2531DU	Wall Mount	Dark Bronze

Minimum order: 1 each. All Floor and Wall Mount Stops and Bumpers can be combined for quantity pricing.

CRL Floor Mount Door Stop/Bumper new

This heavy cast Floor Mount Door Stop/Bumper has three mounting holes for a secure attachment to the floor substrate. Screws and anchors are included. One per package.



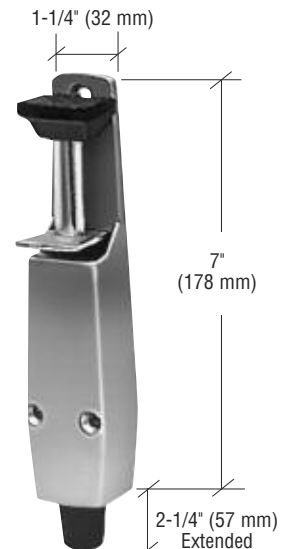
CAT. NO.	TYPE	FINISH
DH80311	Floor Mount	Satin Chrome
DH80322	Floor Mount	Bronze

Minimum order: 1 each. All Floor and Wall Mount Stops and Bumpers can be combined for quantity pricing.

CRL Door Mount Step-On Door Holder

- **Step-On Application and Release**
- **Spring Loaded Plunger**

This CRL Door Mount Step-On Door Holder is a plunger type heavy-duty die cast stop. Easy on and off step-on application with heavy-duty rubber foot. Fastens to the door with three screws. One per package.



CAT. NO.	TYPE	FINISH
J4594	Door Mount	Brass
J4595	Door Mount	Aluminum

Minimum order: 1 pack. All Door Mounted Holders can be combined for quantity pricing.

CRL E-Z Tone Door Chime

- No Electricity or Batteries Needed



The EZ Tone can be easily installed on all types of doors and jambs. When the door is opened, a magnetic striker hits the chime bar and produces a pleasant, audible tone.

CAT. NO.	FINISH
TDK13GRY	Light Gray
TDK13BRZ	Bronze

Minimum order: 1 each.

CRL Heavy-Duty Door Chains

- Extra Heavy-Duty Steel Chain
- Vinyl Cover Prevents Door Damage



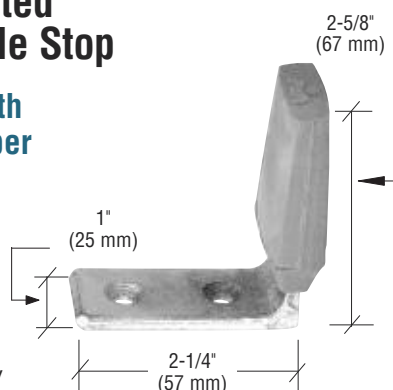
The CRL Door Chain is an extra-heavy duty protector chain with a vinyl cover to protect the door's surface. Designed for full size exterior doors, it has rugged compression springs and a steel chain, with cast base plates and mounting screws.

CAT. NO.	LENGTH	FINISH
15850	30-1/2" (775 mm)	Chrome
15855	25" (635 mm)	Chrome
WC1631	25" (635 mm)	Bronze

Minimum order: 1 each. All Door Chains can be combined for quantity pricing.

CRL Floor Mounted Heavy-Duty Angle Stop

- Wrought Steel With Soft Rubber Bumper

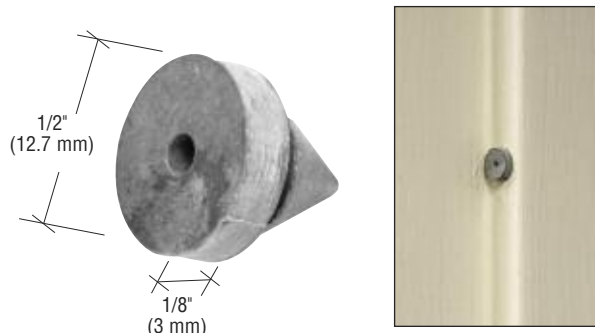


This CRL Floor Mounted Door Stop is for heavy-duty applications. The Stop is made of wrought steel with a soft resilient rubber bumper. It can be used on undercut doors up to 1-1/2" (38.1 mm). One per package.

CAT. NO.	FINISH
J4592	Brushed Aluminum
J4593	Light Brass

Minimum order: 1 each. All Door Holders can be combined for quantity pricing.

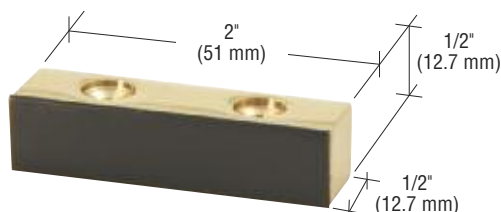
CRL Metal Frame Mounted Door Silencers



CRL Metal Frame Mounted Door Silencers are a gray color, and are mounted in a 1/4" (6 mm) hole in the strike jamb to cushion the door when closing. Packages contain 100 Door Silencers. Minimum order is one package.

CAT. NO. J4566

CRL Header Mounted Single Door Stop

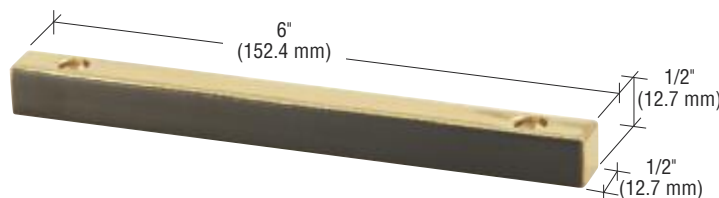


This CRL Header Mounted Single Door Stop provides a positive stop when converting a double acting door into a single acting one-way door. Easy to install and available in four popular finishes (screws not included). One per package.

CAT. NO.	FINISH
1NT307A	Aluminum
1NT307BR	Polished Brass
1NT307BS	Brushed Stainless
1NT307PS	Polished Stainless

Minimum order: 1 each. All Header Mounted Door Stops can be combined for quantity pricing.

CRL Header Mounted Double Door Stop



This CRL Header Mounted Double Door Stop provides a positive stop when converting a double acting door into a single acting one-way door. Easy to install and available in four popular finishes (screws not included). One per package.

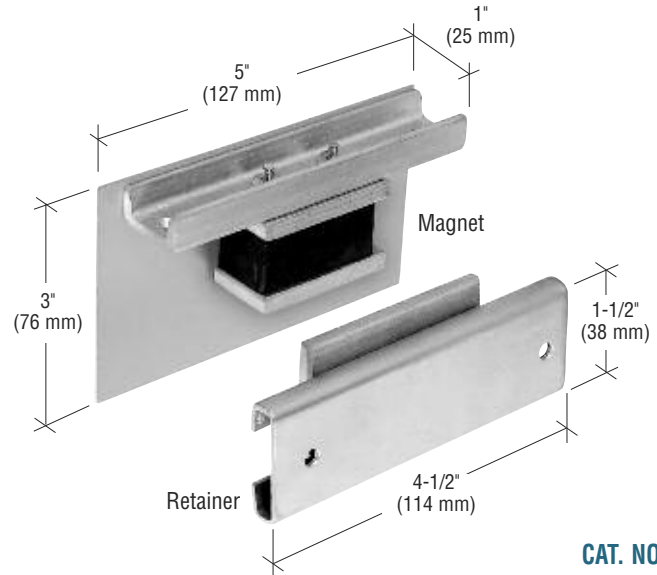
CAT. NO.	FINISH
1NT308A	Aluminum
1NT308BR	Polished Brass
1NT308BS	Brushed Stainless
1NT308PS	Polished Stainless

Minimum order: 1 each. All Header Mounted Door Stops can be combined for quantity pricing.

CRL Heavy-Duty Magnetic Door Retainer

- Up to 50 Pounds (22.7 kg) of Adjustable Holding Strength
- Keeps Doors From Blowing Open
- Non-Handed

This CRL Heavy-Duty Magnetic Door Retainer keeps doors closed even during heavy winds. Non-handed Retainer provides up to 50 pounds (22.7 kg) of adjustable pull strength once installed. Helps control energy loss, and is easily installed in just minutes. Minimum order is one each.



CAT. NO. M50

CRL Rixson® Electromagnetic Door Holder

- 25 to 40 Pounds (11 to 18 kg) of Holding Power
- Concealed Wiring
- Selectable Input Voltage 12V DC, 24V AC/DC, 120V AC

Rixson® Electromagnetic Door Holders are designed for virtually any remote door release application. They are primarily used to hold fire and smoke barrier doors open until released by a remote smoke detector or switching device. **NOTE:** A separate closing device is required to close the doors as normal closing operation.

RIXSON®

Rixson® is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.



CAT. NO.	FINISH
998A	Sprayed Aluminum
998BRZ	Sprayed Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

SPECIFICATIONS:

Input: Selective 12V DC, 24V AC/DC, 120V AC

Current Draw: .040A @ 12V DC;

.020A @ 24V AC/DC; .020A @ 120V AC

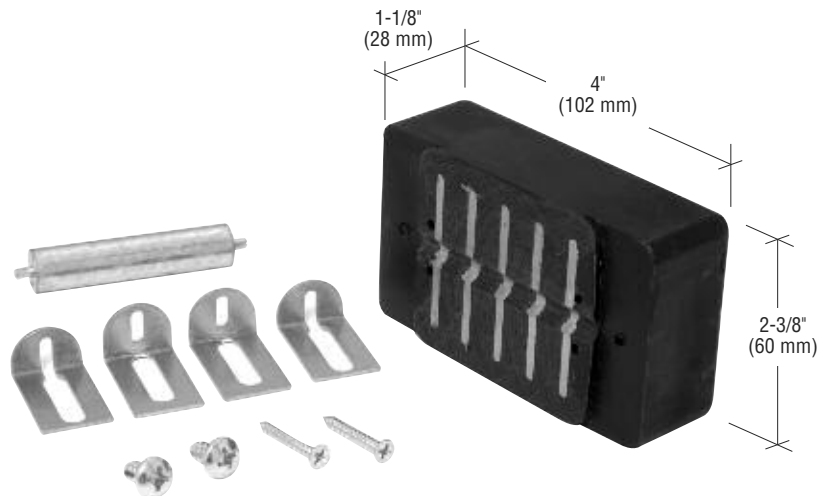
INDOOR USE ONLY:

Dimensions: Magnet = 4-5/8" x 2-3/4" x 1" (118 x 70 x 25 mm)

CRL Magnetic Door Retainer

- Keeps Doors From Blowing Open
- Mortised Into Jamb Head

This CRL Magnetic Door Retainer has a molded plastic base that holds a magnet, and is mortised into the jamb head. A steel roller is then attached to the top center of the top rail. **NOTE:** Requires a jamb head deep enough to hold the 1-1/8" (28.6 mm) thick base. Minimum order is one each.



CAT. NO. 115445

CRL Extra Length Ladder Style Pull Handles

- Straight and "S" Style Designs
- Extra Height for Eye-Catching Contemporary and Elegant Appearance
- Eleven Sizes in Two Popular Finishes for 3/8" to 3/4" (10 to 19 mm) Glass
- 1-1/4" (31.7 mm) Diameter Heavy Wall 304 Alloy Stainless Steel Tubing
- Custom Finishes and Sizes Available



CRL Ladder Style Pull Handles are for back-to-back mounting with supplied through-bolts. Available in a choice of Straight or "S" Style design, our Ladder Style Pull adds elegance and eye-catching appeal to a commercial glass door.

Ladder Style Pulls are intended for use with full size glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass. Stock sizes range from 24" to 84" (610 to 2134 mm) overall height. Standard finishes are polished stainless and brushed stainless. Custom sizes and finishes are available.

STRAIGHT STYLE LADDER PULL HANDLES

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
24LPSS	24" (610 mm)	12" (305 mm)	Polished Stainless
24LPBS	24" (610 mm)	12" (305 mm)	Brushed Stainless
30LPSS	30" (762 mm)	18" (457 mm)	Polished Stainless
30LPBS	30" (762 mm)	18" (457 mm)	Brushed Stainless
36LPSS	36" (914 mm)	24" (610 mm)	Polished Stainless
36LPBS	36" (914 mm)	24" (610 mm)	Brushed Stainless
42LPSS	42" (1067 mm)	30" (762 mm)	Polished Stainless
42LPBS	42" (1067 mm)	30" (762 mm)	Brushed Stainless
48LPSS	48" (1219 mm)	36" (914 mm)	Polished Stainless
48LPBS	48" (1219 mm)	36" (914 mm)	Brushed Stainless
54LPSS	54" (1372 mm)	42" (1067 mm)	Polished Stainless
54LPBS	54" (1372 mm)	42" (1067 mm)	Brushed Stainless
60LPSS	60" (1524 mm)	48" (1219 mm)	Polished Stainless
60LPBS	60" (1524 mm)	48" (1219 mm)	Brushed Stainless
66LPSS	66" (1676 mm)	54" (1372 mm)	Polished Stainless
66LPBS	66" (1676 mm)	54" (1372 mm)	Brushed Stainless
72LPSS	72" (1829 mm)	60" (1524 mm)	Polished Stainless
72LPBS	72" (1829 mm)	60" (1524 mm)	Brushed Stainless
78LPSS	78" (1981 mm)	66" (1676 mm)	Polished Stainless
78LPBS	78" (1981 mm)	66" (1676 mm)	Brushed Stainless
84LPSS	84" (2134 mm)	72" (1829 mm)	Polished Stainless
84LPBS	84" (2134 mm)	72" (1829 mm)	Brushed Stainless

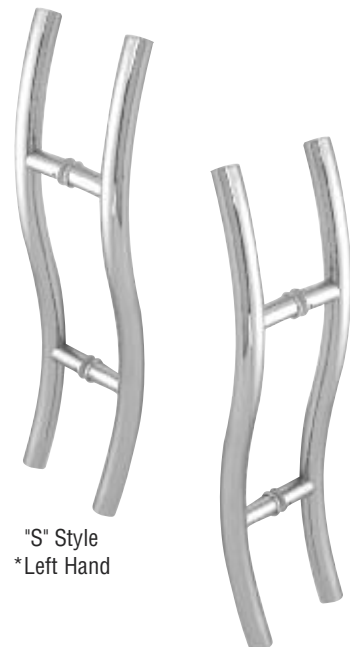
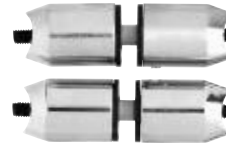
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Additional holes required if extra Mid-Posts added (see right).
Glass Fabrication Required: Two 5/8" (16 mm) Diameter Holes

"S" STYLE LADDER PULL HANDLES

CAT. NO.	OVERALL LENGTH	HANDING *	FINISH
24SLPPS	24" (610 mm)	Left Hand	Polished Stainless
24SLPBS	24" (610 mm)	Left Hand	Brushed Stainless
24SRPPS	24" (610 mm)	Right Hand	Polished Stainless
24SRPBS	24" (610 mm)	Right Hand	Brushed Stainless
36SLPPS	36" (914 mm)	Left Hand	Polished Stainless
36SLPBS	36" (914 mm)	Left Hand	Brushed Stainless
36SRPPS	36" (914 mm)	Right Hand	Polished Stainless
36SRPBS	36" (914 mm)	Right Hand	Brushed Stainless
48SLPPS	48" (1219 mm)	Left Hand	Polished Stainless
48SLPBS	48" (1219 mm)	Left Hand	Brushed Stainless
48SRPPS	48" (1219 mm)	Right Hand	Polished Stainless
48SRPBS	48" (1219 mm)	Right Hand	Brushed Stainless

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Additional holes required if extra Mid-Posts added (see above).
* "S" Style Handles exceeding 48" (1219 mm) overall length must be discussed with CRL Technical Sales to determine proper application.

Optional Mid-Posts give extra strength to very long Ladder Pulls. Must be factory-installed. Call for details.



"S" Style
*Left Hand

"S" Style
*Right Hand

Straight Style

CRL will custom fabricate Pull Handles to your specifications. See page 624W.

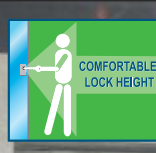
* Handing determined from the exterior looking in

CRL Locking Ladder Pulls

- Locks Operate at a Comfortable Height Above the Floor
- No Kneeling or Bending to Lock or Unlock Doors
- Nine Styles in Stock, Custom Sizes Available on Special Order
- Made of Durable Alloy 316 Stainless Steel Tubing
- Single and Double Locking Options Available
- 1-1/4" (32 mm) Long Deadbolt Throw - All Units

The newest and most practical option for 'all-glass' entrances is CRL's Locking Ladder Pulls. No more kneeling down to unlock the entry doors in the morning, or having to bend over after a long day at work to reach for the lock at the bottom edge of the door. Simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. CRL Locking Ladder Pulls have a fully concealed deadbolt locking mechanism with models available that lock only into the floor, or both the floor and the header. We also offer Horizontal Pulls that lock into a jamb or sidelite. These Locking Ladder Pulls are intended for use with glass doors made from 3/8" to 3/4" (10 to 19 mm) thick tempered glass. Select models available with prep for 6-pin or 7-pin Rim Type Cylinders. Custom heights and configurations are available on special order.

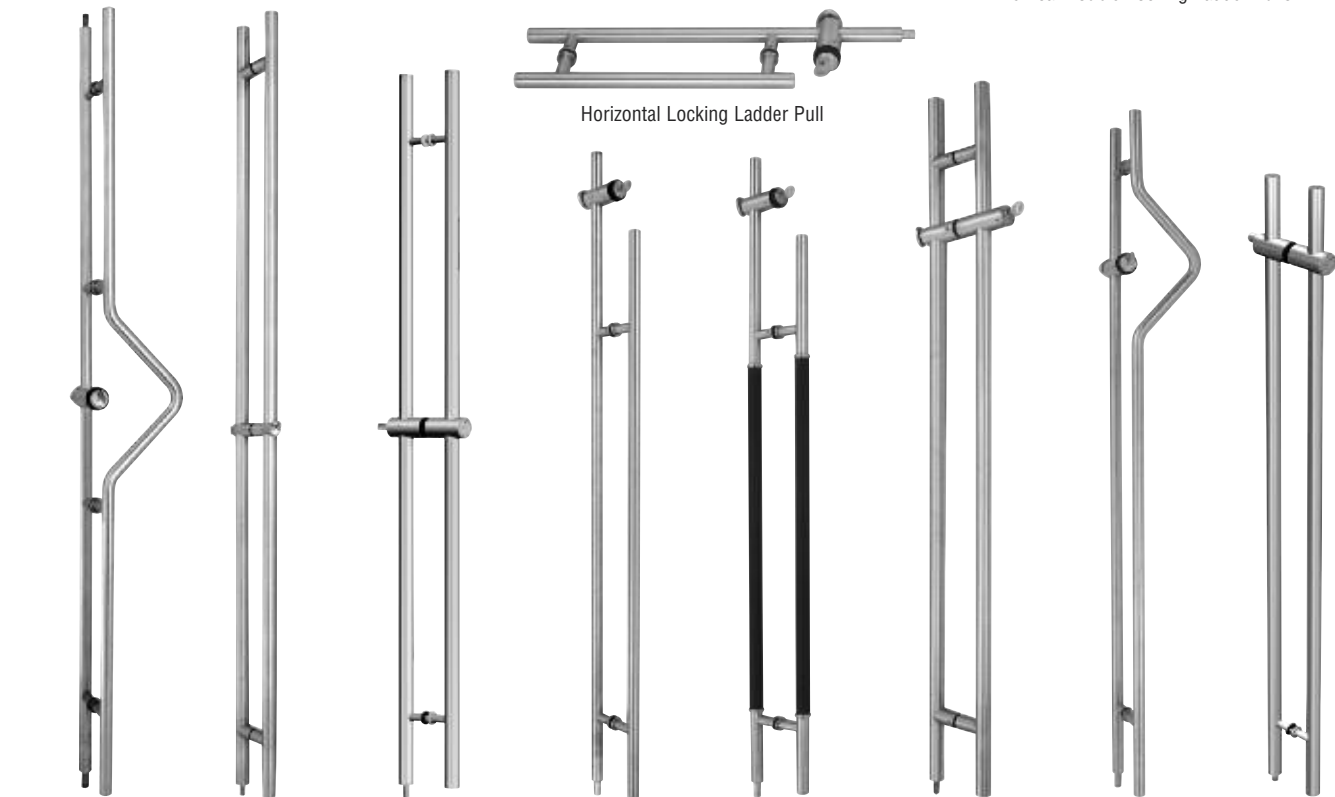
For additional information contact CRL Technical Sales (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



Vertical Double Locking Ladder Pulls



Horizontal Locking Ladder Pull



Vertical Double Locking Ladder Pulls

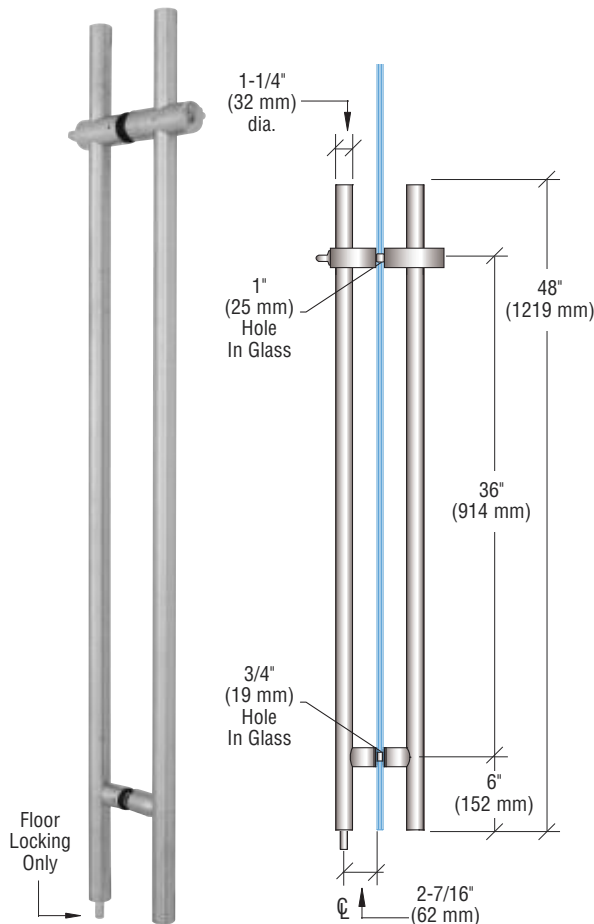
Vertical Floor Locking Ladder Pulls

CRL 48" Locking Ladder Pull

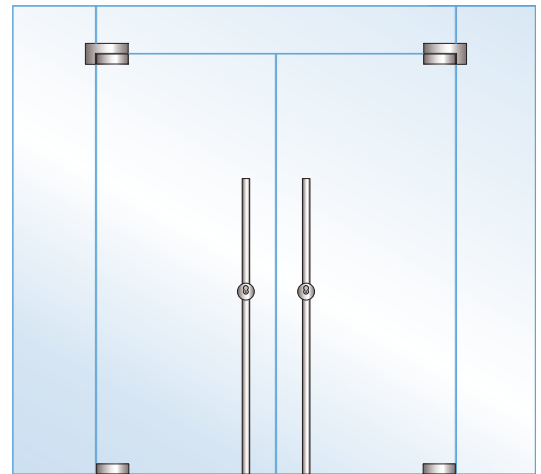
- Locks Into the Floor Only
- For 1/2" to 3/4" (12 to 19 mm) Glass
- Lock Operates at a Comfortable
42" (1067 mm) Above the Floor
- 1-1/4" (32 mm) Diameter Alloy 316
Brushed Stainless Steel Tubing
- Custom Sizes Ship Within One to Two Weeks

Our 48" (1219 mm) Locking Ladder Pull has a fully concealed deadbolt locking mechanism that is operated at 42" (1067 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. This Pull is intended for use with glass doors made from 1/2" to 3/4" (12 to 19 mm) thick tempered glass. It locks into the floor only, and is available in brushed stainless steel.

This Locking Ladder Pull is supplied with our standard 7-pin Rim Cylinder with Interchangeable Core, that can be used as the final cylinder or as a temporary, and is easily replaced. If staying with the 7-pin format, just remove the core, have it re-keyed, or replace it with a new one. See page 785W for our selection of 7-pin Cores. If proprietary 6-pin Cylinders are required, simply remove the entire Rim Cylinder provided and replace it with the proper Rim Cylinder of your choice. This Ladder Pull will accept most standard manufactured Rim Type Cylinders. **NOTE:** Glass fabrication is required. Please visit crlaurence.com for details.



CAT. NO. LLP48BS
Brushed Stainless Steel
Locking Ladder Pull



Double Door Installations Require
Two Locking Ladder Pulls



Easy to Operate
Thumbturn



This Locking Ladder Pull accepts 6 or 7-pin Rim
Type Cylinders for easy re-keying. See page 785W for
additional information on Cylinder Housings and Cores.

CRL 53" Locking Ladder Pulls

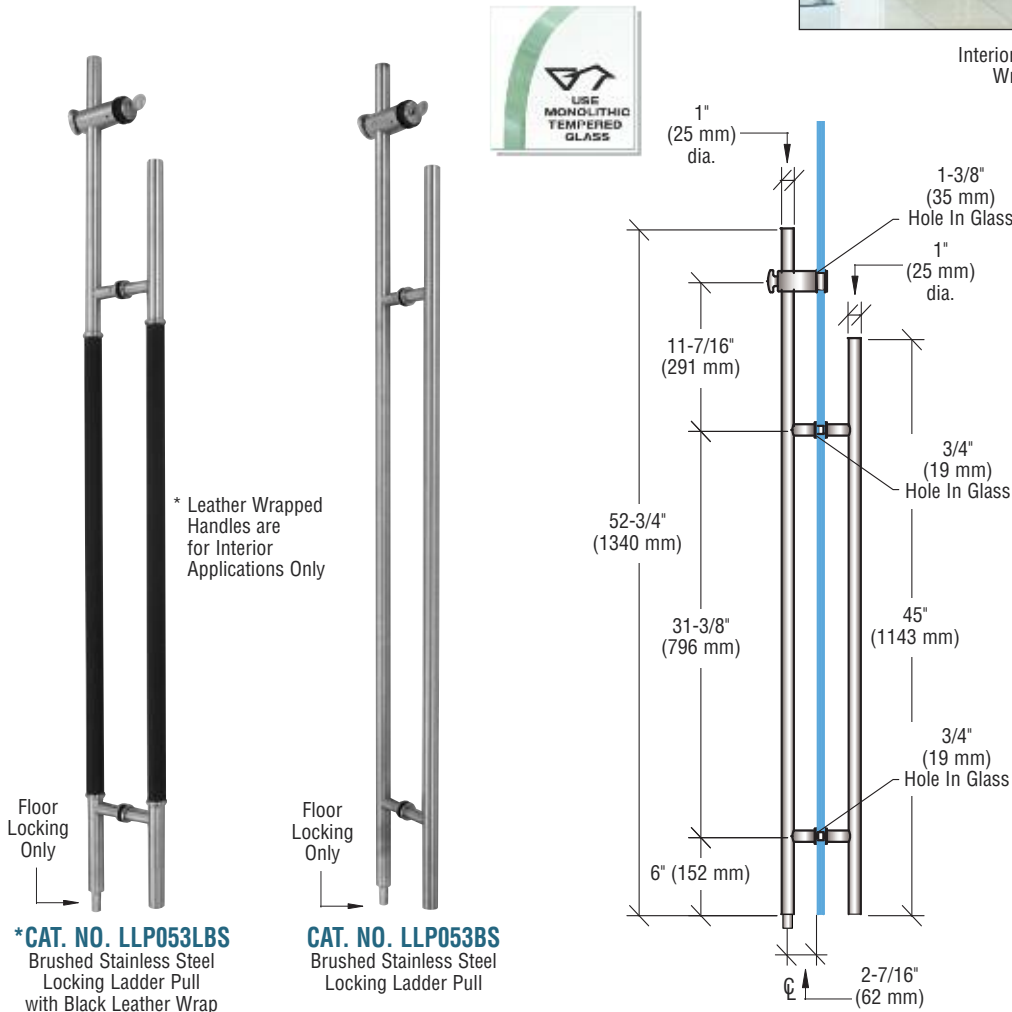
- Locks Into the Floor Only
- For 3/8" to 1/2" (10 to 12 mm) Glass
- Lock Operates at a Comfortable 48-13/16" (1240 mm) Above the Floor
- Available in Brushed Stainless Steel or With Black Leather Wrapped Handle*
- 1" (25 mm) Diameter Alloy 316 Stainless Steel Tubing



Our 53" (1346 mm) Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that is operated at 48-13/16" (1240 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. These Locking Ladder Pulls are intended for use with glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass. They lock into the floor only, and are available in brushed stainless steel or, for a truly unique look, black leather wrapped handle over brushed stainless steel. One Cat. No. 58DKBS Dustproof Keeper is included. **NOTE:** Glass fabrication is required. Please visit crlaurence.com for details.



Interior Installation With Black Leather
Wrapped Locking Ladder Pull



Easy to Operate Designer Thumbturn



This Locking Ladder Pull comes keyed randomly.
Cat. No. LPKB1 Key Blank is available
for re-keying by others.

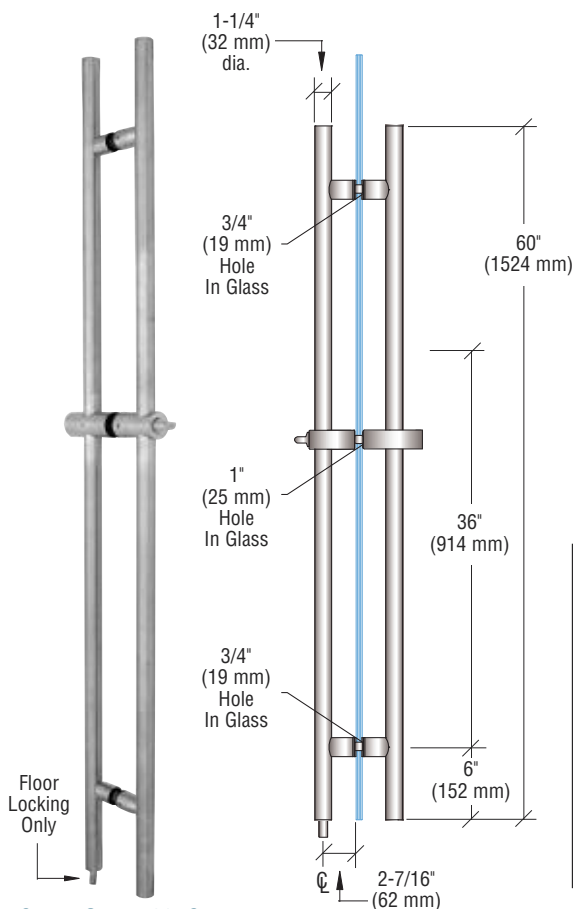
CRL 60" Locking Ladder Pull

- Locks Into the Floor Only
- For 1/2" to 3/4" (12 to 19 mm) Glass
- Lock Operates at a Comfortable 42" (1067 mm) Above the Floor
- 1-1/4" (32 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing
- Custom Sizes Ship Within One to Two Weeks

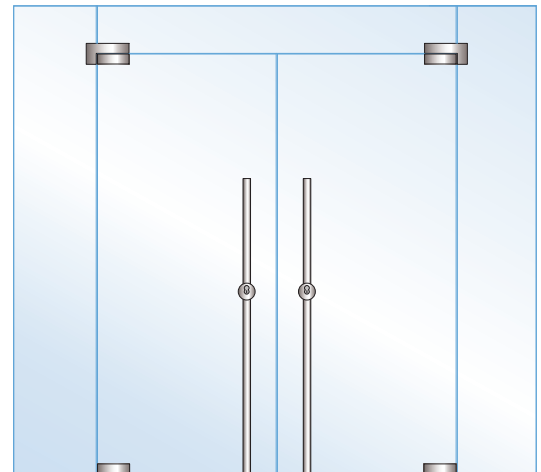


Our 60" (1524 mm) Locking Ladder Pull has a fully concealed deadbolt locking mechanism that is operated at 42" (1067 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. This Pull is intended for use with glass doors made from 1/2" to 3/4" (12 to 19 mm) thick tempered glass. It locks into the floor only, and is available in brushed stainless steel.

This Locking Ladder Pull is supplied with our standard 7-pin Rim Cylinder with Interchangeable Core, that can be used as the final cylinder or as a temporary, and is easily replaced. If staying with the 7-pin format, just remove the core, have it re-keyed, or replace it with a new one. See page 785W for our selection of 7-pin Cores. If proprietary 6-pin Cylinders are required, simply remove the entire Rim Cylinder provided and replace it with the proper Rim Cylinder of your choice. This Ladder Pull will accept most standard manufactured Rim Type Cylinders. **NOTE:** Glass fabrication is required. Please visit crlaurence.com for details.



CAT. NO. LLP60BS
Brushed Stainless Steel
Locking Ladder Pull



Double Door Installations Require
Two Locking Ladder Pulls



Easy to Operate
Thumbturn



This Locking Ladder Pull accepts 6 or 7-pin Rim
Type Cylinders for easy re-keying. See page 785W for
additional information on Cylinder Housings and Cores.

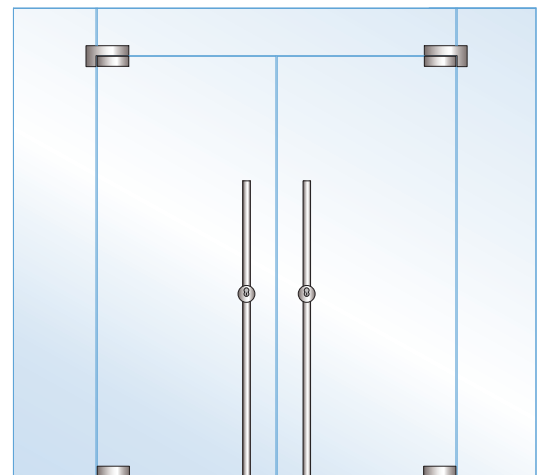
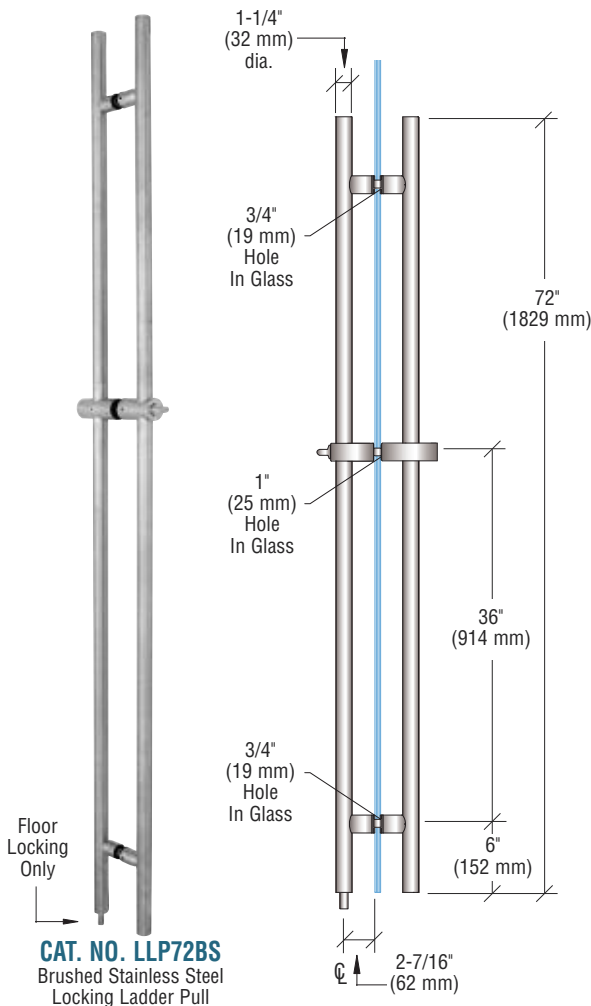
CRL 72" Locking Ladder Pull

- Locks Into the Floor Only
- For 1/2" to 3/4" (12 to 19 mm) Glass
- Lock Operates at a Comfortable 42" (1067 mm) Above the Floor
- 1-1/4" (32 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing
- Custom Sizes Ship Within One to Two Weeks



Our 72" (1829 mm) Locking Ladder Pull has a fully concealed deadbolt locking mechanism that is operated at 42" (1067 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. This Pull is intended for use with glass doors made from 1/2" to 3/4" (12 to 19 mm) thick tempered glass. It locks into the floor only, and is available in brushed stainless steel.

This Locking Ladder Pull is supplied with our standard 7-pin Rim Cylinder with Interchangeable Core, that can be used as the final cylinder or as a temporary, and is easily replaced. If staying with the 7-pin format, just remove the core, have it re-keyed, or replace it with a new one. See page 785W for our selection of 7-pin Cores. If proprietary 6-pin Cylinders are required, simply remove the entire Rim Cylinder provided and replace it with the proper Rim Cylinder of your choice. This Ladder Pull will accept most standard manufactured Rim Type Cylinders. **NOTE:** Glass fabrication is required. Please visit crlaurence.com for details.



Double Door Installations Require Two Locking Ladder Pulls



Easy to Operate Thumbturn



This Locking Ladder Pull accepts 6 or 7-pin Rim Type Cylinders for easy re-keying. See page 785W for additional information on Cylinder Housings and Cores.

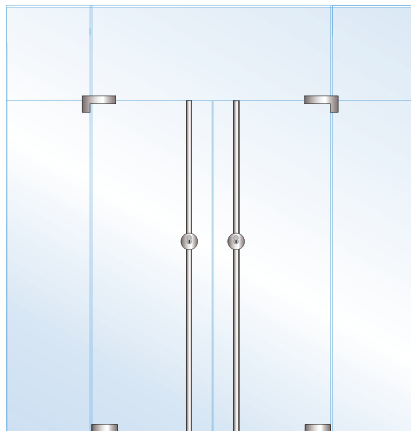
CRL 84" Locking Ladder Pull

- Locks Into the Floor Only (Custom Top Locking on Request)
- For 1/2" to 3/4" (12 to 19 mm) Glass
- Lock Operates at a Comfortable 42" (1067 mm) Above the Floor
- 1-1/4" (32 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing
- Custom Sizes Ship Within One to Two Weeks



Our 84" (2134 mm) Locking Ladder Pull has a fully concealed deadbolt locking mechanism that is operated at 42" (1067 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. This Pull is intended for use with glass doors made from 1/2" to 3/4" (12 to 19 mm) thick tempered glass.

This Locking Ladder Pull is supplied with our standard 7-pin Rim Cylinder with Interchangeable Core, that can be used as the final cylinder or as a temporary, and is easily replaced. If staying with the 7-pin format, just remove the core, have it re-keyed, or replace it with a new one. See page 785W for our selection of 7-pin Cores. If proprietary 6-pin Cylinders are required, simply remove the entire Rim Cylinder provided and replace it with the proper Rim Cylinder of your choice. This Ladder Pull will accept most standard manufactured Rim Type Cylinders. **NOTE:** Glass fabrication is required. Please visit crlaurence.com for details.



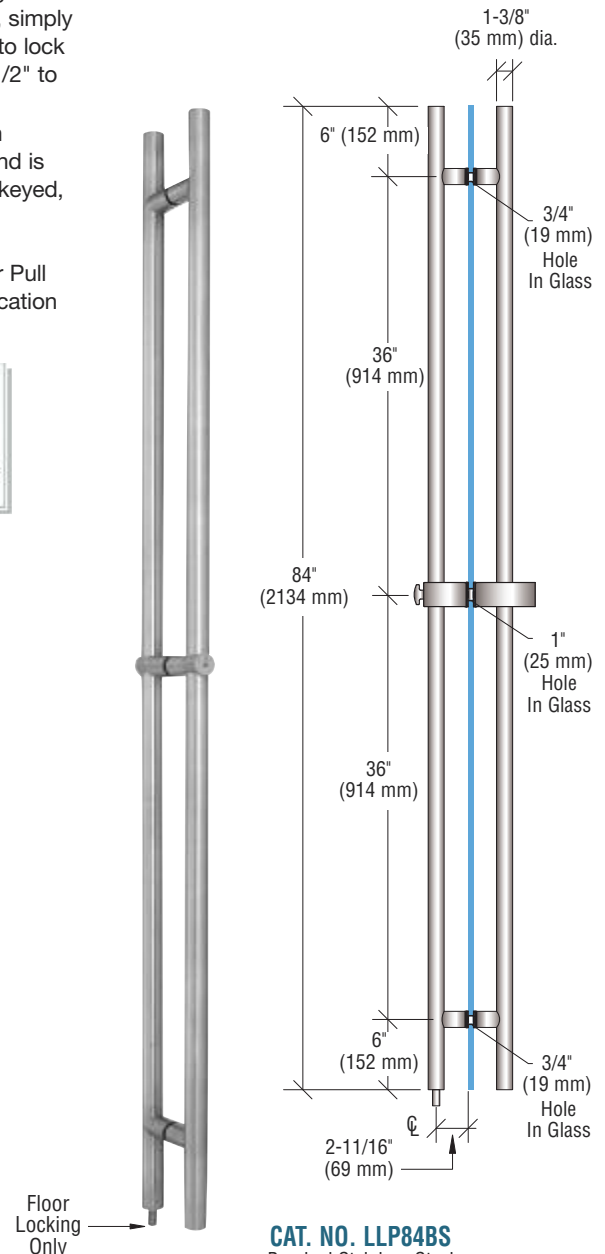
Double Door Installations Require Two Locking Ladder Pulls



Easy to Operate Thumbturn



This Locking Ladder Pull accepts 6 or 7-pin Rim Type Cylinders for easy re-keying. See page 785W for additional information on Cylinder Housings and Cores.



CAT. NO. LLP84BS
Brushed Stainless Steel
Locking Ladder Pull

CRL 55" Triangular Locking Ladder Pulls

- Locks Into the Floor Only
- For 3/8" to 1/2" (10 to 12 mm) Glass
- Left and Right Hand Models for Single and Double Doors
- 1" (25 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing



Our 55" (1397 mm) Triangular Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that is operated at 43-5/16" (1100 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. These Locking Ladder Pulls are intended for use with glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass. They lock into the floor only, and are available in brushed stainless steel. One Cat. No. 58DKBS Dustproof Keeper is included. **NOTE:** Glass fabrication is required. Please visit crlaurence.com for details.



Single Door Installation With Right Hand Locking Ladder Pull

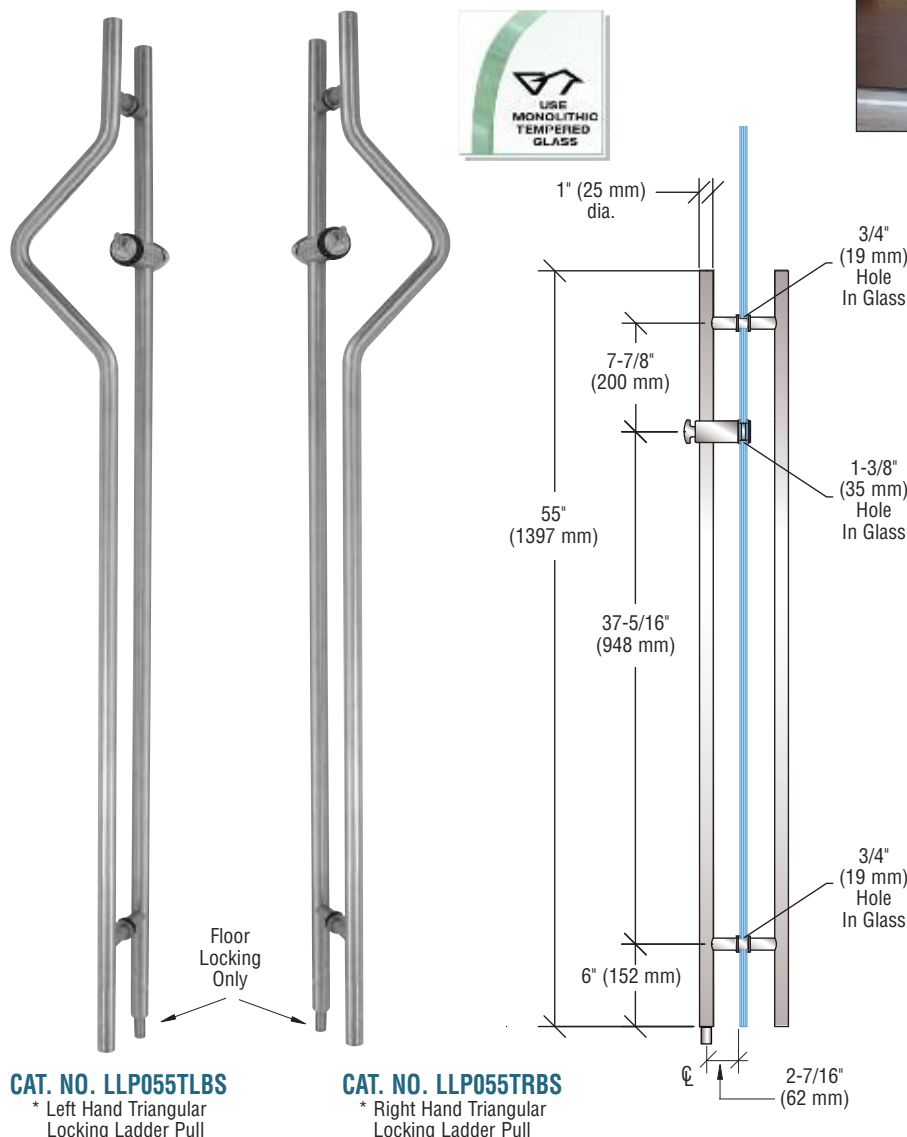


Easy to Operate Designer Thumbturn



This Locking Ladder Pull comes keyed randomly. Cat. No. LPKB1 Key Blank is available for re-keying by others.

*Handing is determined from the exterior looking in



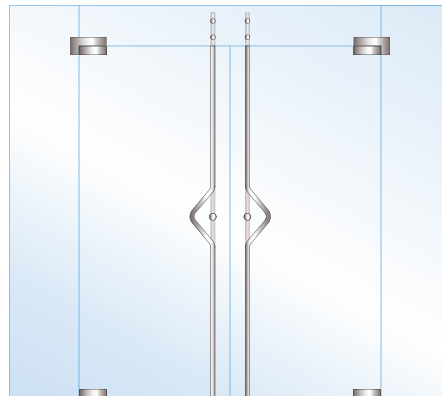
CRL 84" Triangular Double Locking Ladder Pulls

- Locks at Both Top and Bottom
- For 3/8" to 1/2" (10 to 12 mm) Glass
- Left and Right Hand Models for Single and Double Doors
- 1" (25 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing

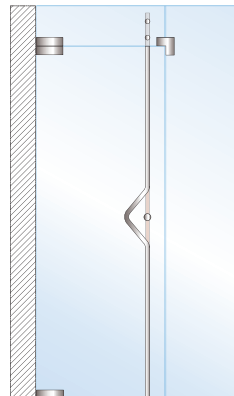


Our 84" (2133 mm) Triangular Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that is operated at 43-5/16" (1100 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. These Locking Ladder Pulls are intended for use with glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass. They lock both at the header or transom and floor for ultimate security. Available in brushed stainless steel. Two Cat. No. 58DKBS Dustproof Keepers are included.

Optional Ladder Keeper for glass transoms is available separately (see top right). **NOTE:** Glass fabrication is required. Please visit crlaurence.com for details.



Double Door Installations Require One Left and One Right Hand Locking Ladder Pull



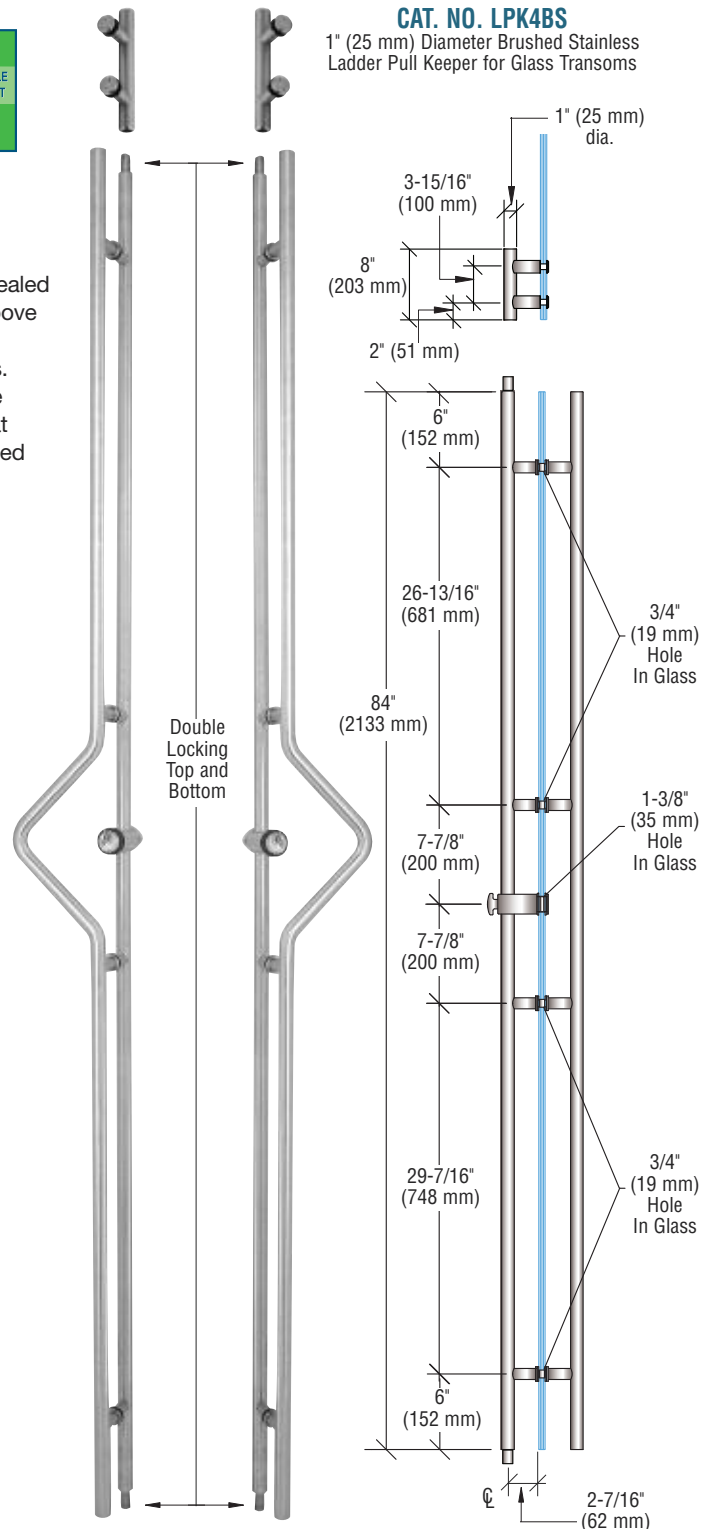
Single Door Installations Require One Left or Right Hand Locking Ladder Pull



Easy to Operate Designer Thumbturn



This Locking Ladder Pull comes keyed randomly. Cat. No. LPKB1 Key Blank is available for re-keying by others.



CAT. NO. LPK4BS

1" (25 mm) Diameter Brushed Stainless Ladder Pull Keeper for Glass Transoms

CAT. NO. LLP084TLBS

* Left Hand Triangular Double Locking Ladder Pull Handle

CAT. NO. LLP084TRBS

* Right Hand Triangular Double Locking Ladder Pull Handle

* Handing is determined from the exterior looking in

CRL 24" Horizontal Locking Ladder Pull and Keeper

- Horizontal Locking Ladder Pull for a Contemporary Look
- For Use on 3/8" to 1/2" (10 to 12 mm) Glass
- Can Be Used on Double and Single Doors
- 1" (25 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing



Our Horizontal Locking Ladder Pull will give 3/8" to 1/2" (10 to 12 mm) tempered glass doors a contemporary look. They have a fully concealed deadbolt locking mechanism that locks into a complementary Horizontal Keeper for double door or single door with fixed glass panel installations. On single door installations the concealed locking mechanism engages into a Dustproof Keeper on the wall. No need to bend, simply turn key or thumbturn located at a comfortable height above the finished floor to lock or unlock doors.

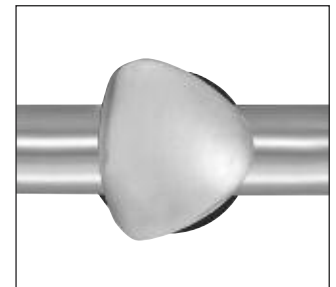
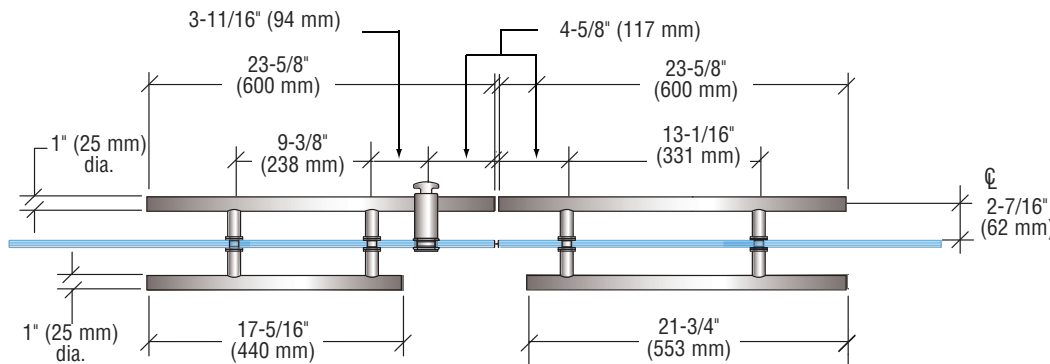
Horizontal Locking Ladder Pulls are available in brushed stainless steel. One Cat. No. 58DKBS Dustproof Keeper is included. Matching Horizontal Keeper Ladder Pulls are sold separately (see below). **NOTE:** Glass fabrication is required. Please visit crlaurence.com for details. Placement of pulls in relation to vertical edge of door is critical and dependent upon application, handing of doors, and jamb conditions.



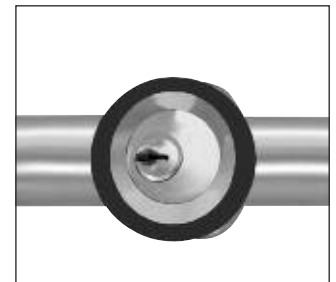
CAT. NO. LLP024BS
Horizontal Locking Ladder Pull



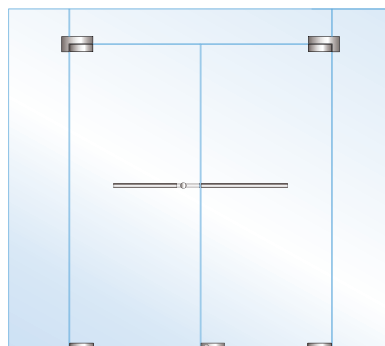
CAT. NO. LPK3BS
Horizontal Keeper Ladder Pull



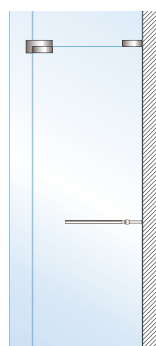
Easy to Operate
Designer Thumbturn



This Horizontal Locking Ladder Pull comes keyed randomly. Cat. No. LPKB1 Key Blank is available for re-keying by others.



Double Door Installations Require One Locking Ladder Pull and One Keeper Pull, as well as a Bottom Patch Lock Installed on the Inactive Leaf to Properly Secure the Pair of Doors



Single Door Installations Require One Locking Ladder Pull and a Dustproof Keeper

CRL Door Pull Handles

- The Industry's Largest Selection for Glass and Aluminum Framed Doors



DESIGNS **new**

CRL offers a complete selection of Back-to-Back and Single Sided Pull Handles in a variety of finishes and styles for sliding and swinging entrance doors. Handles are made from aluminum, stainless steel or brass with a wide range of fastening options (see pages 614W-627W). Custom Handles for hotels, casinos, storefronts, and more are available on special order to meet your exact requirements. See page 624W for more information.



CRL GLASS MOUNTED DOOR HANDLES

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Straight and Offset Back-to-Back Pull Handles

- Stocked in Up to Five Architectural Finishes
- For Use With 3/8" to 3/4" (10 to 19 mm) Glass
- Complete With Matching Finish Metal Washers and Through-Bolts for Mounting

SPECIFICATIONS:

For Use With:

3/8" to 3/4"
(10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter
Stainless Steel or Brass Tubing.
*1-1/4" (32 mm) Diameter Stainless
Steel (CD24X24BS125 Model only).

Offset: 3" (76 mm) Center-to-Center

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

INCLUDES:

- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter
Matching Finish Metal Washers
and Rubber Gaskets



Straight

Offset

Extra bolts available, sold separately:
(Not for use with CD24X24BS125)

CAT. NO. DESCRIPTION

TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

STRAIGHT BACK-TO-BACK PULL HANDLES

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CM10X10BS	10" (254 mm)	Brushed Stainless
CM10X10PS	10" (254 mm)	Polished Stainless
CM10X10BR	10" (254 mm)	Polished Brass
CM10X10SA	10" (254 mm)	Satin Anodized
CM10X10DU	10" (254 mm)	Dark Bronze Anodized
CM12X12BS	12" (305 mm)	Brushed Stainless
CM12X12PS	12" (305 mm)	Polished Stainless
CM12X12BR	12" (305 mm)	Polished Brass
CM12X12SA	12" (305 mm)	Satin Anodized
CM12X12DU	12" (305 mm)	Dark Bronze Anodized
CM18X18BS	18" (457 mm)	Brushed Stainless
CM18X18PS	18" (457 mm)	Polished Stainless
CM18X18BR	18" (457 mm)	Polished Brass
CM24X24BS	24" (610 mm)	Brushed Stainless
CM24X24PS	24" (610 mm)	Polished Stainless
CM24X24BR	24" (610 mm)	Polished Brass

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

OFFSET BACK-TO-BACK PULL HANDLES

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CD10X10BS	10" (254 mm)	Brushed Stainless
CD10X10PS	10" (254 mm)	Polished Stainless
CD10X10BR	10" (254 mm)	Polished Brass
CD10X10SA	10" (254 mm)	Satin Anodized
CD10X10DU	10" (254 mm)	Dark Bronze Anodized
CD12X12BS	12" (305 mm)	Brushed Stainless
CD12X12PS	12" (305 mm)	Polished Stainless
CD12X12BR	12" (305 mm)	Polished Brass
CD12X12SA	12" (305 mm)	Satin Anodized
CD12X12DU	12" (305 mm)	Dark Bronze Anodized
CD18X18BS	18" (457 mm)	Brushed Stainless
CD18X18PS	18" (457 mm)	Polished Stainless
CD18X18BR	18" (457 mm)	Polished Brass
CD24X24BS125*	24" (610 mm)	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Solid Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With: 3/8" to 3/4"
(10 to 19 mm) Glass

Construction: 1" (25 mm)
Solid Stainless Steel
or Brass

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

INCLUDES:

- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Finish
Metal Washers and Rubber Gaskets



CRL Glass Mounted Elbow Style Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless
Steel or Brass Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass



INCLUDES:

- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter
Matching Finish Metal Washers
and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CS10X10BS	10" (254 mm)	Brushed Stainless
CS10X10PS	10" (254 mm)	Polished Stainless
CS10X10BR	10" (254 mm)	Polished Brass
CS12X12BS	12" (305 mm)	Brushed Stainless
CS12X12PS	12" (305 mm)	Polished Stainless
CS12X12BR	12" (305 mm)	Polished Brass

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CV12X12BS	12" (305 mm)	Brushed Stainless
CV12X12PS	12" (305 mm)	Polished Stainless
CV12X12BR	12" (305 mm)	Polished Brass

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Curved Style Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel or Brass Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

INCLUDES:

2 Each:	Through-Bolts for Glass Mounting
4 Each:	1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CC12X12BS	12" (305 mm)	Brushed Stainless
CC12X12PS	12" (305 mm)	Polished Stainless
CC12X12BR	12" (305 mm)	Polished Brass
CC12X12DU	12" (305 mm)	Dark Bronze Anodized

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Round Tube Curved Shape Handle

SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

new



Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

INCLUDES:

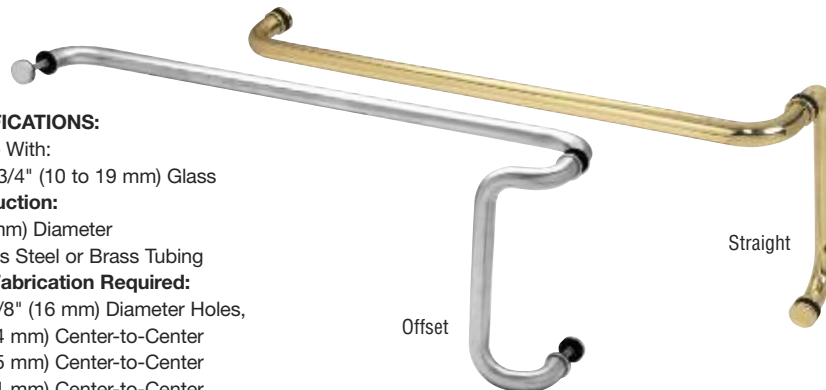
2 Each:	Through-Bolts for Glass Mounting
4 Each:	1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CY18X18BS	18" (457 mm)	Brushed Stainless
CY18X18PS	18" (457 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Straight and Offset Combination Push and Pull Handles

- Five Beautiful Architectural Finishes
- For Use With 3/8" to 3/4" (10 to 19 mm) Glass



SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel or Brass Tubing

Glass Fabrication Required:

Three 5/8" (16 mm) Diameter Holes,
10" (254 mm) Center-to-Center
12" (305 mm) Center-to-Center
28" (711 mm) Center-to-Center
33" (838 mm) Center-to-Center

Offset: 3" (76 mm) Center-to-Center

Optional 1-1/4" (32 mm) Diameter Available on Special Order

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass
F40SK	Matching Washer and Stud Kit for Single-Sided Attachment for 3/8" to 3/4" (10 to 19 mm) Glass

STRAIGHT COMBINATION PUSH AND PULL HANDLES

CAT. NO.	SIZE	FINISH
CM10X28BS	10" X 28"	Brushed Stainless
CM10X28PS	10" X 28"	Polished Stainless
CM10X28BR	10" X 28"	Polished Brass
CM10X28SA	10" X 28"	Satin Anodized
CM10X28DU	10" X 28"	Dark Bronze Anodized
CM12X28BS	12" X 28"	Brushed Stainless
CM12X28PS	12" X 28"	Polished Stainless
CM12X28BR	12" X 28"	Polished Brass
CM12X28SA	12" X 28"	Satin Anodized
CM12X28DU	12" X 28"	Dark Bronze Anodized

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

OFFSET COMBINATION PUSH AND PULL HANDLES

CAT. NO.	SIZE	FINISH
CD10X28BS	10" X 28"	Brushed Stainless
CD10X28PS	10" X 28"	Polished Stainless
CD10X28BR	10" X 28"	Polished Brass
CD10X28SA	10" X 28"	Satin Anodized
CD10X28DU	10" X 28"	Dark Bronze Anodized
CD10X33BS	10" X 33"	Brushed Stainless
CD10X33PS	10" X 33"	Polished Stainless
CD10X33BR	10" X 33"	Polished Brass
CD10X33SA	10" X 33"	Satin Anodized
CD10X33DU	10" X 33"	Dark Bronze Anodized
CD12X28BS	12" X 28"	Brushed Stainless
CD12X28PS	12" X 28"	Polished Stainless
CD12X28BR	12" X 28"	Polished Brass
CD12X28SA	12" X 28"	Satin Anodized
CD12X28DU	12" X 28"	Dark Bronze Anodized

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Bracket Style Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter
Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



INCLUDES:

2 Each: Through-Bolts for Glass Mounting
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CX17X17BS	16-3/4" (425 mm)	Brushed Stainless
CX17X17PS	16-3/4" (425 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Curved Tubular Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

INCLUDES:

2 Each: Through-Bolts for Glass Mounting
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

new



CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
RC12X12BS	12" (305 mm)	Brushed Stainless
RC12X12PS	12" (305 mm)	Polished Stainless
RC18X18BS	18" (457 mm)	Brushed Stainless
RC18X18PS	18" (457 mm)	Polished Stainless
RC24X24BS	24" (610 mm)	Brushed Stainless
RC24X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Crescent Mid-Mount Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1-1/4" (32 mm) Diameter Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

INCLUDES:

2 Each: Through-Bolts for Glass Mounting
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

new



CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CH12X12BS	12" (305 mm)	6" (152 mm)	Brushed Stainless
CH12X12PS	12" (305 mm)	6" (152 mm)	Polished Stainless
CH18X18BS	18" (457 mm)	9" (229 mm)	Brushed Stainless
CH18X18PS	18" (457 mm)	9" (229 mm)	Polished Stainless
CH24X24BS	24" (610 mm)	12" (305 mm)	Brushed Stainless
CH24X24PS	24" (610 mm)	12" (305 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Crescent End-Mount Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1-1/4" (32 mm) Diameter Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

INCLUDES:

2 Each: Through-Bolts for Glass Mounting
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

new



CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CE18X18BS	18" (457 mm)	12" (305 mm)	Brushed Stainless
CE18X18PS	18" (457 mm)	12" (305 mm)	Polished Stainless
CE24X24BS	24" (610 mm)	18" (457 mm)	Brushed Stainless
CE24X24PS	24" (610 mm)	18" (457 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Mitered Corner Style Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Round Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

INCLUDES:

2 Each: Through-Bolts for Glass Mounting

4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass

TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames

F40WK Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass



CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
MH10X10BS	10" (254 mm)	Brushed Stainless
MH10X10PS	10" (254 mm)	Polished Stainless
MH12X12BS	12" (305 mm)	Brushed Stainless
MH12X12PS	12" (305 mm)	Polished Stainless
MH18X18BS	18" (457 mm)	Brushed Stainless
MH18X18PS	18" (457 mm)	Polished Stainless
MH24X24BS	24" (610 mm)	Brushed Stainless
MH24X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.
Optional 1-1/4" (32 mm) diameter available on special order.

CRL Glass Mounted Sculptured Style Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With: 3/8" and 1/2" (10 and 12 mm) Glass

Construction:

Cast Solid Brass

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



INCLUDES:

2 Each: Through-Bolts for Glass Mounting

4 Each: 1-1/16" (27 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CQ10X10CH	10" (254 mm)	Chrome Plated
CQ10X10BR	10" (254 mm)	Polished Brass
CQ10X10BSC	10" (254 mm)	Brushed Satin Chrome
CQ10X10BN	10" (254 mm)	Brushed Nickel
CQ10X10PN	10" (254 mm)	Polished Nickel
CQ10X10ABR	10" (254 mm)	Antique Brass
CQ10X10GP	10" (254 mm)	Gold Plated
CQ10X10ORB	10" (254 mm)	Oil Rubbed Bronze

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Square Ladder Style Pull Handle With Round Mounting Posts

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

Construction: 1" (25 mm)

Square Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

new



Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass

TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames

F40WK Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

INCLUDES:

2 Each: Through-Bolts for Glass Mounting

4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
24SQRLPBS	24" (610 mm)	12" (305 mm)	Brushed Stainless
24SQRLPPS	24" (610 mm)	12" (305 mm)	Polished Stainless
36SQRLPBS	36" (914 mm)	24" (610 mm)	Brushed Stainless
36SQRLPPS	36" (914 mm)	24" (610 mm)	Polished Stainless
48SQRLPBS	48" (1219 mm)	36" (914 mm)	Brushed Stainless
48SQRLPPS	48" (1219 mm)	36" (914 mm)	Polished Stainless
60SQRLPBS	60" (1524 mm)	48" (1219 mm)	Brushed Stainless
60SQRLPPS	60" (1524 mm)	48" (1219 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Square Ladder Style Pull Handle With Square Mounting Posts

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

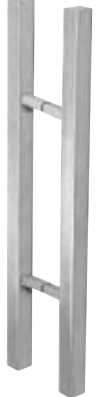
Construction: 1" (25 mm)

Square Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

new



Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass

TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames

INCLUDES:

2 Each: Through-Bolts for Glass Mounting

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
24SQSLPBS	24" (610 mm)	12" (305 mm)	Brushed Stainless
24SQSLPPS	24" (610 mm)	12" (305 mm)	Polished Stainless
36SQSLPBS	36" (914 mm)	24" (610 mm)	Brushed Stainless
36SQSLPPS	36" (914 mm)	24" (610 mm)	Polished Stainless
48SQSLPBS	48" (1219 mm)	36" (914 mm)	Brushed Stainless
48SQSLPPS	48" (1219 mm)	36" (914 mm)	Polished Stainless
60SQSLPBS	60" (1524 mm)	48" (1219 mm)	Brushed Stainless
60SQSLPPS	60" (1524 mm)	48" (1219 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Square Tube Style Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

Construction: 1" (25 mm) Square Stainless Steel Tubing

Glass Fabrication Required: Two 5/8" (16 mm) Diameter Holes

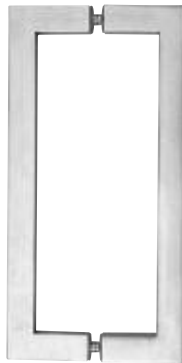
INCLUDES:

2 Each: Through-Bolts for Glass Mounting

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames



CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
SQ10X10BS	10" (254 mm)	Brushed Stainless
SQ10X10PS	10" (254 mm)	Polished Stainless
SQ12X12BS	12" (305 mm)	Brushed Stainless
SQ12X12PS	12" (305 mm)	Polished Stainless
SQ18X18BS	18" (457 mm)	Brushed Stainless
SQ18X18PS	18" (457 mm)	Polished Stainless
SQ24X24BS	24" (610 mm)	Brushed Stainless
SQ24X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Rounded Corner Square Tube Style Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

Construction: 1" (25 mm) Square Stainless Steel Tubing

Glass Fabrication Required: Two 5/8" (16 mm) Diameter Holes

INCLUDES:

2 Each: Through-Bolts for Glass Mounting

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames



CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
RST10X10BS	10" (254 mm)	Brushed Stainless
RST10X10PS	10" (254 mm)	Polished Stainless
RST12X12BS	12" (305 mm)	Brushed Stainless
RST12X12PS	12" (305 mm)	Polished Stainless
RST18X18BS	18" (457 mm)	Brushed Stainless
RST18X18PS	18" (457 mm)	Polished Stainless
RST24X24BS	24" (610 mm)	Brushed Stainless
RST24X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Offset Square Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

Construction: 1" (25 mm) Square Stainless Steel Tubing

Offset: 2-1/8" (54 mm) Center-to-Center

Glass Fabrication Required: Two 5/8" (16 mm) Diameter Holes

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames

new



INCLUDES:

2 Each: Through-Bolts for Glass Mounting

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
S010X10BS	10" (254 mm)	Brushed Stainless
S010X10PS	10" (254 mm)	Polished Stainless
S012X12BS	12" (305 mm)	Brushed Stainless
S012X12PS	12" (305 mm)	Polished Stainless
S018X18BS	18" (457 mm)	Brushed Stainless
S018X18PS	18" (457 mm)	Polished Stainless
S024X24BS	24" (610 mm)	Brushed Stainless
S024X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Square Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

Construction: 1" (25 mm) Square Stainless Steel Tubing

Glass Fabrication Required: Two 5/8" (16 mm) Diameter Holes

Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames

new



INCLUDES:

2 Each: Through-Bolts for Glass Mounting

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
SST10X10BS	10" (254 mm)	Brushed Stainless
SST10X10PS	10" (254 mm)	Polished Stainless
SST12X12BS	12" (305 mm)	Brushed Stainless
SST12X12PS	12" (305 mm)	Polished Stainless
SST18X18BS	18" (457 mm)	Brushed Stainless
SST18X18PS	18" (457 mm)	Polished Stainless
SST24X24BS	24" (610 mm)	Brushed Stainless
SST24X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Ladder Style Back-to-Back Pull Handle With Acrylic Semi-Inserts



SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel or Brass Tubing with Acrylic Semi-Insert (White Accent Lines in Acrylic)

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



INCLUDES:

- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CA18X18BR	24-1/2" (622 mm)	18" (457 mm)	Polished Brass
CA18X18PS	24-1/2" (622 mm)	18" (457 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Ladder Style Back-to-Back Pull Handle With Acrylic Full Inserts



SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel or Brass Tubing with Acrylic Full-Insert (Accent Lines in Acrylic)

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



INCLUDES:

- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CB18X18BR	27" (685 mm)	18" (457 mm)	Polished Brass
CB18X18PS	27" (685 mm)	18" (457 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Ring Style Back-to-Back Pull Handle



SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel or Brass Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



INCLUDES:

- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CR18X18BR	18" (457 mm)	Polished Brass
CR18X18PS	18" (457 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Ladder Style Back-to-Back Pull Handle With Undercut Accent Rings



SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel or Brass Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



INCLUDES:

- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CT18X18BR	25" (635 mm)	18" (457 mm)	Polished Brass
CT18X18PS	25" (635 mm)	18" (457 mm)	Polished Stainless
CT18X18BS	25" (635 mm)	18" (457 mm)	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Variant Series Adjustable Mounting Post Style Pull Handles

- Adjustable Mounting Posts Can Mount on 6" to 26-3/4" (152 to 679 mm) Centers

CRL Variant Series Adjustable Mounting Post Style Pulls are designed to fit on standard hole patterns of 12", 18", and 24" (305, 457, and 610 mm) centers, but with its adjustable mounting posts, will fit almost any hole pattern from 6" to 26-3/4" (152 to 679 mm) centers. Additional Mounting Posts can also be purchased separately.

SPECIFICATIONS:

For Use With:
3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes,
VPS x 16: 12" (305 mm) Center-to-Center
VPS x 22: 18" (457 mm) Center-to-Center
VPS x 28: 24" (610 mm) Center-to-Center

NOTE: Hole centers shown are for standard mounting locations. You may vary actual hole centers.

INCLUDES:

2 Each: Through-Bolts for Glass Mounting
4 Each: Adjustable Mounting Posts
(VP1 or VP2 Depending on Handle Style)



Pull Set With VP1 Mounting Posts

Pull Set With VP2 Mounting Posts

VARIANT PULL SET WITH VP1 MOUNTING POSTS

CAT. NO.	ROD LENGTH	FINISH
VPS116BS	16" (406 mm)	Brushed Stainless
VPS116PS	16" (406 mm)	Polished Stainless
VPS122BS	22" (559 mm)	Brushed Stainless
VPS122PS	22" (559 mm)	Polished Stainless
VPS128BS	28" (711 mm)	Brushed Stainless
VPS128PS	28" (711 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

VARIANT PULL SET WITH VP2 MOUNTING POSTS

CAT. NO.	ROD LENGTH	FINISH
VPS216BS	16" (406 mm)	Brushed Stainless
VPS216PS	16" (406 mm)	Polished Stainless
VPS222BS	22" (559 mm)	Brushed Stainless
VPS222PS	22" (559 mm)	Polished Stainless
VPS228BS	28" (711 mm)	Brushed Stainless
VPS228PS	28" (711 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

ADDITIONAL MOUNTING POSTS

CAT. NO.	TYPE	FINISH
VP1BS	VP1	Brushed Stainless
VP1PS	VP1	Polished Stainless
VP2BS	VP2	Brushed Stainless
VP2PS	VP2	Polished Stainless

Minimum order: 1 set. Each set includes: 2 each Through-Bolts for Glass Mounting; 4 each Adjustable Mounting Posts.

CRL Frameless Sliding Door Handle

- Four Architectural Finishes Available for 1/2" (12 mm) Glass
- Low Projection Will Not Interfere With Sliding Door Action

CRL Frameless Sliding Door Handles feature a low profile projection that will not interfere with the sliding action of the door passing another panel, or even a pocket type installation into the wall. These Handles are available in four stock architectural finishes to complement our Frameless Sliding Door Systems. Custom finishes and custom sizes are also available upon request.

Glass Fabrication Required:

Glass Cut-Out With Polished Edges;
Two 1/2" (13 mm) Diameter Holes



CAT. NO.	FINISH
SGH8CH	Chrome
SGH8BR	Lacquered Brass
SGH8BN	Brushed Nickel
SGH8SC	Satin Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Astral II Standard Push/Pull Hardware

- 1" (25 mm) Diameter Solid Aluminum
- Designed to Fit All Aluminum Doors
- Used on U.S. Aluminum Doors
- Available in Three Finishes
- Single Mount Application

Push Bars are made from 1" (25 mm) diameter solid aluminum with a 2-1/2" (63.5 mm) projection at lock stile. Pull Handles are made from 1" (25 mm) diameter solid aluminum with a 2-1/2" (63.5 mm) projection. Available in clear anodized, champagne, and bronze finishes. For back-to-back handles you must order a quantity of two.

NOTE: Replacement Threaded Inserts for door stiles are available, see page 623W.



CRL Astral II Solid Push Bars for Double Acting Doors

new

- Fits Narrow, Medium, or Wide Stile Doors
- Three Standard Sizes With Chamfered End
- Three Architectural Finishes

CRL Astral II Push Bars for Double Acting Doors are made of 1" (25 mm) diameter solid extruded aluminum. Each Push Bar comes with a smooth chamfer at the hinge side minimizing the projection and allowing for a clear door swing. Push Bars are available for 36", 42", or 48" (914, 1067, or 1219 mm) doors. The projection height is 2-1/2" (63.5 mm) from the face of the door. Packed one each. **NOTE:** Must buy two for each double acting door.

PUSH BARS FOR DOUBLE ACTING DOORS

CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	BRONZE CAT. NO.	SIZE
PR0331136	PR0332536	PR0332236	33" (838 mm)
PR0331142	PR0332542	----	39" (991 mm)
PR0331148	PR0332548	----	45" (1143 mm)

Minimum order: 1 each. All Push Bars can be combined for quantity pricing.



Mounting

One 1/4"-20 Phillips Head Machine Screw,
One 1/4"-20 Threaded Shoulder Bolt and
One Set Screw for Single Mount Application

CRL Astral II Solid Push Bars and Pull Handles for Single Acting Doors

- Fits Narrow, Medium, or Wide Stile Doors
- Most Popular Sizes Shown, Visit crlaurence.com for Additional Sizes
- Three Architectural Finishes

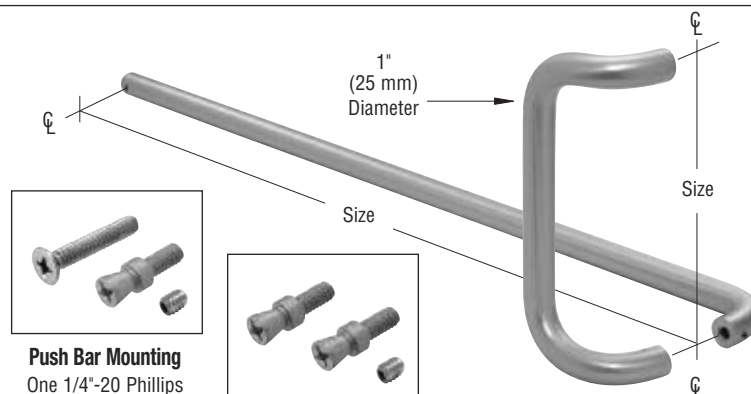
CRL Astral II Push Bars and Pull Handles are made of 1" (25 mm) diameter solid extruded aluminum. The Pull Handles measure 9", 12", 14", or 16" (229, 305, 356, or 406 mm) lengths and the Push Bars are available for 36", 42", or 48" (914, 1067, or 1219 mm) doors. The projection height is 2-1/2" (63.5 mm) from the face of the door.

NOTE: Push Bar and Pull Handle are ordered separately.

PULL HANDLES

CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	BRONZE CAT. NO.	SIZE
PR03211	PR03225	PR0322209	9" (229 mm)
PR0321112	PR0322512	PR0322212	12" (305 mm)
PR0321114	PR0322514	PR0322214	14" (356 mm)
PR0321116	PR0322516	PR0322216	16" (406 mm)

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



Push Bar Mounting

One 1/4"-20 Phillips Head Machine Screw,
One 1/4"-20 Threaded Shoulder Bolt and
One Set Screw for Single Mount Application



Pull Handle Mounting

Two 1/4"-20 Threaded Shoulder Bolts and Four Set Screws for Single Mount Application

new

PUSH BARS FOR SINGLE ACTING DOORS

CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	BRONZE CAT. NO.	SIZE
PR0341136	PR0342536	PR0342236	33" (838 mm)
PR0341142	PR0342542	PR0342242	39" (991 mm)
PR0341148	PR0342548	----	45" (1143 mm)

Minimum order: 1 each. All Push Bars can be combined for quantity pricing.

CRL Astral II Straight Pull Handles

- 1" (25 mm) Diameter Solid Aluminum
- Available in Two Lengths
- Two Architectural Finishes
- Replacement for Astral I Hardware

Extruded solid aluminum 1" (25 mm) diameter Astral II Straight Pull Handles have an overall projection height of 2-1/2" (63.5 mm). Handles include mounting hardware for installation. Pull Handles are packed one each.

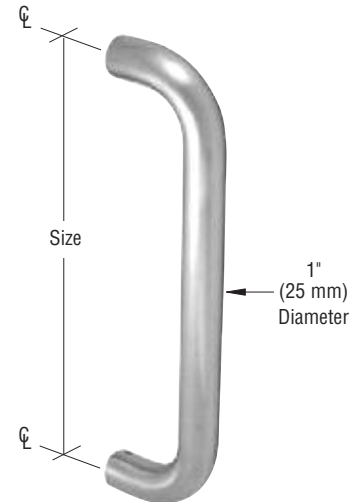
CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	SIZE
PR0221109	PR0222509	9" (229 mm)
PR0221112	PR0222512	12" (305 mm)

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

new



Mounting
Two 1/4"-20 Threaded Shoulder Bolts and Four Set Screws for Single Mount Application



CRL Astral II Offset Pull Handles

- 1" (25 mm) Diameter Solid Aluminum
- Available in Four Lengths
- Three Architectural Finishes

Extruded solid aluminum 1" (25 mm) diameter Astral II Offset Pull Handles have an overall projection height of 2-1/2" (63.5 mm) and an offset clearance of 2-1/4" (57 mm). Handles include mounting hardware for installation. Pull Handles are packed one each.

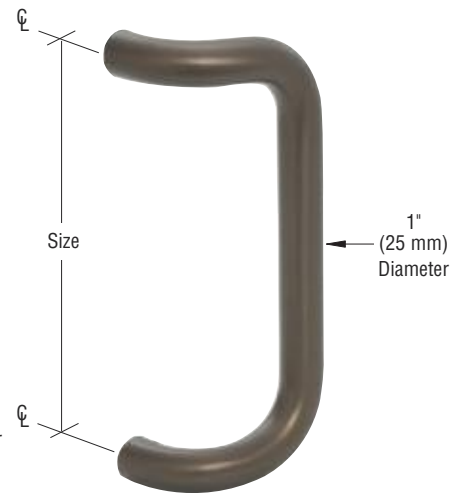
CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	BRONZE CAT. NO.	SIZE
PR03211	PR03225	PR0322209	9" (229 mm)
PR0321112	PR0322512	PR0322212	12" (305 mm)
PR0321114	PR0322514	PR0322214	14" (356 mm)
PR0321116	PR0322516	PR0322216	16" (406 mm)

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

new



Mounting
Two 1/4"-20 Threaded Shoulder Bolts and Four Set Screws for Single Mount Application



CRL Astral II Solid Push Bars for Single Acting Offset Doors

- Fits Narrow, Medium, and Wide Stile Doors
- Two Architectural Finishes
- Available in Three Lengths

CRL Astral II Solid Push Bars for Single Acting Doors are made of 1" (25 mm) diameter solid extruded aluminum. The Push Bars are available for 36", 42", or 48" (914, 1067, or 1219 mm) doors. The projection height is 2-1/2" (63.5 mm) from the face of the door. Packed one each.

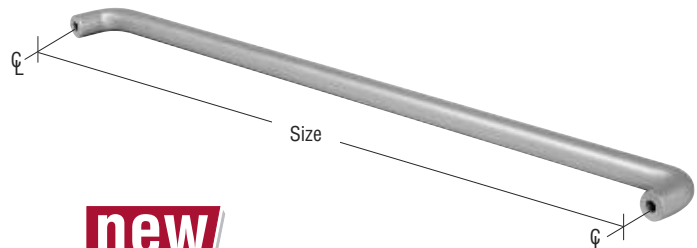
CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	SIZE
PR0311136	PR0312536	33" (838 mm)
PR0311142	PR0312542	39" (991 mm)
PR0311148	---	45" (1143 mm)

Minimum order: 1 each. All Push Bars can be combined for quantity pricing.

new

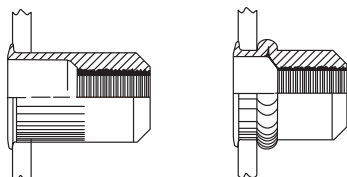


Mounting
Two 1/4"-20 Threaded Shoulder Bolts and Two Set Screws for Single Mount Application



Attaching Hardware for Commercial Door Handles

How Rivet-Nuts Work



Inserted

Compressed

CRL Rivet-Nuts enable you to fasten Pull Handles, Glass Clamps, Clips or any other fastener requiring threads into hollow metal, which may be too thin for tapped threads. After installation, CRL Rivet-Nuts provide a permanent, captive thread that resists high loads, and will not rotate when a screw or bolt is inserted. No special preparation aside from a drilled or punched hole is required. Installation is made easy with the CRL Cat. No. 34604 Heavy-Duty Thread Insert Tool shown below.



First, drill the appropriate size hole for the Rivet-Nut into your door or drill out the old, stripped thread insert.



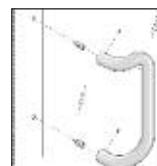
Second, insert the Rivet-Nut into the hole until the collar on the Rivet-Nut is against the door's stile.



Third, compress the Rivet-Nut by using the CRL Cat. No. 34604 Heavy-Duty Thread Insert Tool.



Lastly, insert the screw or bolt into the Rivet-Nut and tighten. The door stile is now ready to receive a Push/Pull Handle.



CRL Rivet-Nuts

- 1/4"-20 For Use With Astral II Push/Pull Hardware
- Replace Old Stripped Threads

CRL Rivet-Nuts can be used to secure Push/Pull Handles in aluminum framed doors. Simply drill the appropriate size hole, insert Rivet-Nut and compress it with Cat. No. 34604 Heavy-Duty Thread Insert Tool (see below).

CAT. NO.	DESCRIPTION	REQUIRED HOLE
RN1420	1/4"-20 Rivet-Nut	25/64" (10 mm)
ZRNUT	5/16"-18 Rivet-Nut	17/32" (13.5 mm)

Minimum order: 10 each.



CAT. NO. RN1420



CAT. NO. ZRNUT



CRL Heavy-Duty Thread Insert Tool

- For Installing Larger Size Rivet-Nuts and Thread Inserts
- Comes With 1/4"-20 Mandrel and Nosepiece

The CRL Heavy-Duty Thread Insert Tool is supplied with a 1/4"-20 Mandrel and Nosepiece. It will install aluminum or steel Rivet-Nuts and Poly-Nuts. A 5/16"-18 Mandrel and Nosepiece are sold separately. Works well with our Cat. No. RN1420 and Cat. No. ZRNUT Rivet-Nuts (see above). High Speed 17/32" Drill Bit is made of M-7 steel for tough drilling applications. The three-flatted design 1/2" (12.7 mm) shank provides better chuck grip. Overall length is 6" (152 mm).

CAT. NO.	DESCRIPTION
34604	Heavy-Duty Thread Insert Tool
34618	5/16"-18 Mandrel and Nosepiece
91134	17/32" Drill Bit for 5/16"-18 Rivet Nuts

Minimum order: 1 each.



CAT. NO. 34604



CAT. NO. 91134



CAT. NO. 34618

CRL 3/4" Diameter Solid Pull Handles

new

• Single-Sided Handles in Three Sizes and Three Finishes

CRL 3/4" (19 mm) diameter Solid Pull Handles are made for standard one side mounting, and are supplied with 1/4"-20 thru-bolts and finish washers. Pulls are packed individually.

8" (203 MM) PULL HANDLE

CAT. NO.	FINISH
M163810B	Oil Rubbed Bronze
M163828	Clear Anodized
M163832D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

10" (254 MM) PULL HANDLE

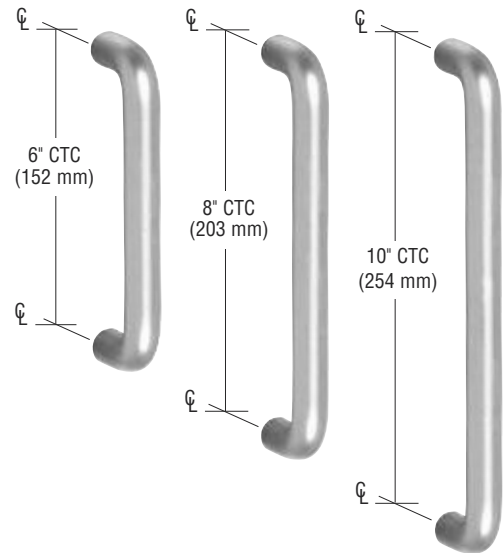
CAT. NO.	FINISH
M1631010B	Oil Rubbed Bronze
M1631028	Clear Anodized
M1631032D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

6" (152 MM) PULL HANDLE

CAT. NO.	FINISH
M163610B	Oil Rubbed Bronze
M163628	Clear Anodized
M163632D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



Custom Designed Door Handles

- For Glass, Wood, or Aluminum Doors
- "Cutting Edge" Laser and Waterjet Capabilities
- Round, Square or Flat Bar Stock
- Solid or Tubular Construction
- Custom Cast Designs
- Metal Etched Logos and Designs
- Bending, Mitering, and Welding
- Unlimited CNC Machined Shapes
- Wide Range of Fastening Options Including UV Bonding
- Available in Brass, Bronze, Aluminum, and Stainless Steel
- Brushed, Polished, Etched, or Powder Coated Finishes
- Over 20 Standard Finishes
- Custom Color Matching Available

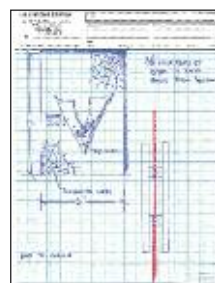


Bending

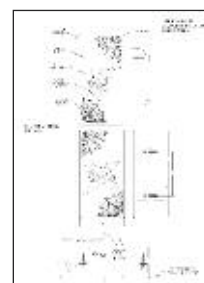


Welding

Imagination



Design



Reality



Let CRL make your idea a reality! Send us your specifications and our Technical Sales Staff will design your custom handles for you. Then our Engineering Staff will supply you with a 3D rendered drawing of your design to ensure we make exactly what you want.

For additional information, or to begin the design process, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.

CRL 1" Solid Pull Handles

- Single-Sided Solid Handles in Two Sizes
- Available in Three Finishes

CRL 1" (25.4 mm) diameter Solid Pull Handles are made for standard one side mounting. Pulls are supplied with 1/4"-20 thru-bolts and finish washers, and are packed individually.

10" (254 MM) PULL HANDLE

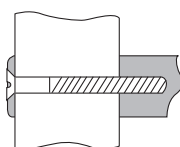
CAT. NO.	FINISH
M1651010B	Oil Rubbed Bronze
M1651028	Aluminum
M1651032D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

33" (838 MM) PULL HANDLE

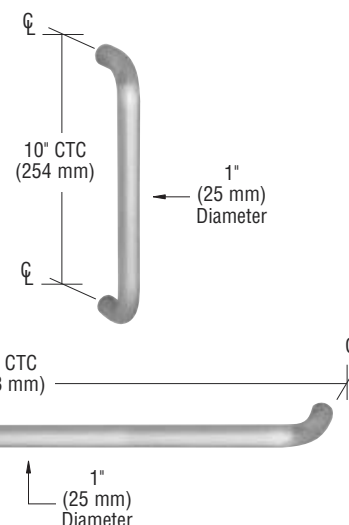
CAT. NO.	FINISH
M1653310B	Oil Rubbed Bronze
M1653328	Aluminum
M1653332D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



Mounting
Through-Bolt and
Finish Washer

new



CRL Solid Offset Pull Handles

- Single-Sided Solid Handles in Two Sizes
- Available in Five Finishes

CRL 1" (25.4 mm) diameter Solid Offset Pull Handles have an overall projection height of 3-1/4" (83 mm), and an offset clearance of 2-1/4" (57 mm). They are supplied with 1/4"-20 thru-bolts and finish washers. All Offset Pulls are packed individually.

8" (203 MM) PULL HANDLE

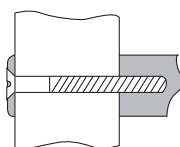
CAT. NO.	FINISH
M174810B	Oil Rubbed Bronze
M174828	Clear Anodized
M174832D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

10" (254 MM) PULL HANDLE

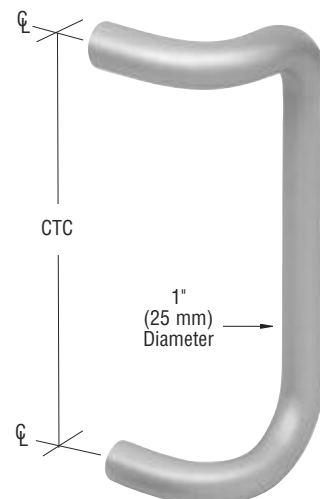
CAT. NO.	FINISH
2952A	Aluminum
2952BRZ	Dark Bronze
M1741010B	Oil Rubbed Bronze
M1741028	Clear Anodized
M1741032D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



Mounting
Through-Bolt and
Finish Washer

new



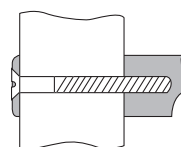
CRL Tubular Offset Single-Sided Pull Handles

- Available in Five Architectural Finishes
- Ready to Mount

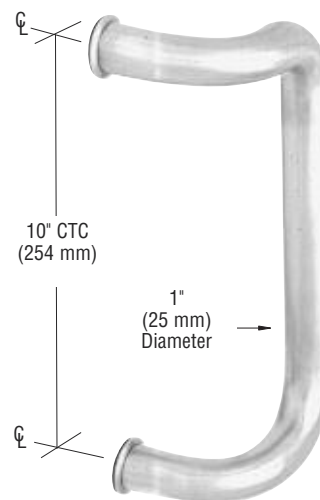
Our Tubular Offset Single-Sided Pull Handles are constructed of 1" (25 mm) diameter stainless steel or brass tubing with 1-1/4" (32 mm) diameter matching washers. Choose from five standard architectural finishes to complement any décor. Dimensions: 2" (51 mm) clearance; 3-1/4" (83 mm) projection.

CAT. NO.	FINISH
CD10BS	Brushed Stainless
CD10PS	Polished Stainless
CD10BR	Polished Brass
CD10SA	Satin Anodized
CD10DU	Dark Bronze Anodized

Minimum order: 1 each. All Door Handles can be combined for quantity pricing.



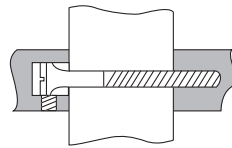
Mounting
Through-Bolt and
Finish Washer



CRL Straight Pull Handles Back-To-Back

- 1" (25 mm) Diameter Solid Aluminum
- Available in Two Lengths
- Three Architectural Finishes

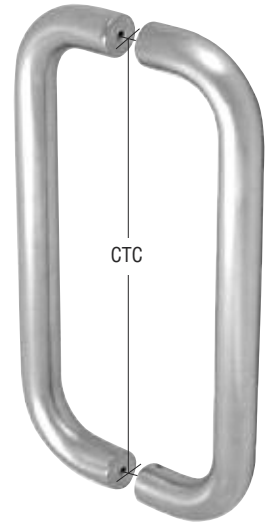
Extruded solid aluminum 1" (25 mm) diameter Straight Pull Handles have an overall projection height of 3-1/4" (83 mm). Handle sets include mounting hardware for back-to-back installation. Pull Handle sets are packed one each.



Mounting
Threaded Shoulder Bolt and Set Screw

new

1"
(25 mm)
Diameter



8" (203 MM) PULL HANDLE

CAT. NO.	FINISH
M2165810B	Oil Rubbed Bronze
M2165828	Clear Anodized
M2165832D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

10" (254 MM) PULL HANDLE

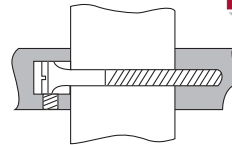
CAT. NO.	FINISH
M21651010B	Oil Rubbed Bronze
M21651028	Clear Anodized
M21651032D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Offset Pull Handles Back-To-Back

- 1" (25 mm) Diameter Solid Aluminum
- Available in Two Lengths
- Five Architectural Finishes

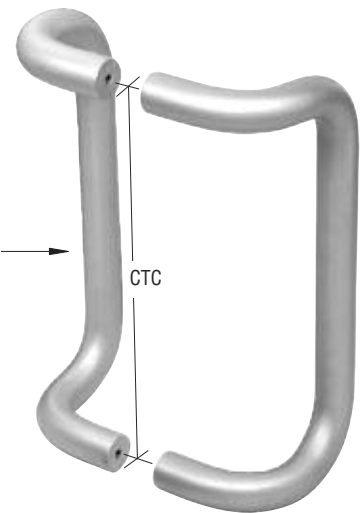
Extruded solid aluminum 1" (25 mm) diameter Offset Pull Handles have an overall projection height of 3-1/4" (83 mm) and an offset clearance of 2-1/4" (57 mm). Handle sets include mounting hardware for back-to-back installation. Pull Handle sets are packed one each.



Mounting
Threaded Shoulder Bolt and Set Screw

new

1"
(25 mm)
Diameter



8" (203 MM) PULL HANDLE

CAT. NO.	FINISH
M2174810B	Oil Rubbed Bronze
M2174828	Clear Anodized
M2174832D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

10" (254 MM) PULL HANDLE

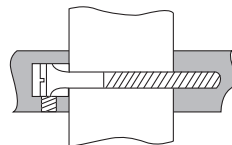
CAT. NO.	FINISH
2952PRA	Aluminum
2952PRBRZ	Dark Bronze
M21741010B	Oil Rubbed Bronze
M21741028	Clear Anodized
M21741032D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Solid Push Bar and Pull Handle Set

- Fits 36" (914 mm) Narrow Stile Doors
- Five Architectural Finishes

CRL Solid Push Bar and Pull Handle Sets are made of 1" (25 mm) diameter solid extruded aluminum. The Pull Handle measures 10" (254 mm) center-to-center and the Push Bar measures 33" (838 mm) center-to-center. The projection height is 2-1/4" (57 mm) from the face of the door. Packed one set each.



Mounting
Threaded Shoulder Bolt and Set Screw

new

33" CTC
(838 mm)

1"
(25 mm)
Diameter



CAT. NO.	FINISH
2958A	Aluminum
2958BRZ	Dark Bronze
M10X3310B	Oil Rubbed Bronze
M10X3328	Clear Anodized
M10X3332D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

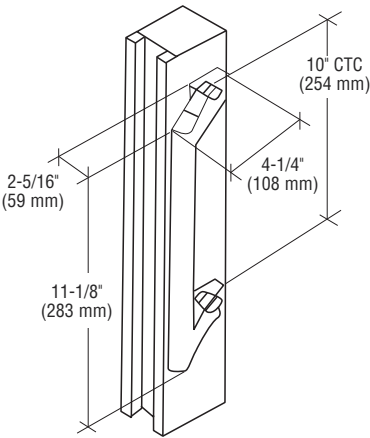
CRL Extruded Aluminum Pull Handles

• Solid Extruded Aluminum Handle Mounts to Door With Concealed Fasteners

The Extruded Aluminum Pull Handle comes with two studs that are tapped (1/4-20 thread) into the aluminum door frame on 10" (254 mm) centers. Then the Handle is slipped over the studs and secured with Allen screws to provide a concealed fastener look. Available in choice of satin anodized and dark bronze finishes. One per package.



Pull Handle



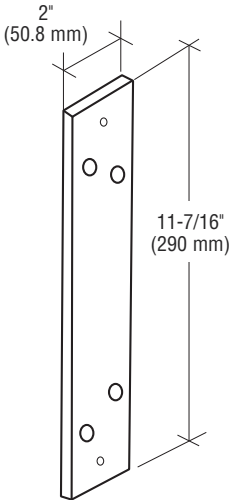
DL915 EXTRUDED ALUMINUM PULL HANDLE

CAT. NO.	DESCRIPTION	FINISH
DL915A	Pull Handle	Satin Anodized
DL915DU	Pull Handle	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



Mounting Plate



DL916 OPTIONAL MOUNTING PLATE

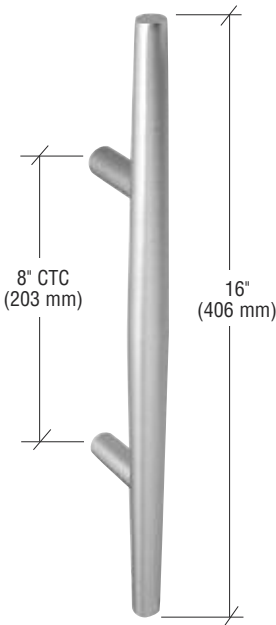
CAT. NO.	DESCRIPTION	FINISH
DL916A	Mounting Plate	Satin Anodized
DL916DU	Mounting Plate	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Tapered Door Pull

- Solid Pull has Clear Anodized Brushed Aluminum Finish
- Complete With Thru-Bolts for Mounting

This Tapered Door Pull is made from solid aluminum bar stock, tapered on each end, and has a projection height of 1-1/2" (38.1 mm) from the face of the door. Brushed aluminum finish is clear anodized. Complete with thru-bolts for mounting. Minimum order is one each.

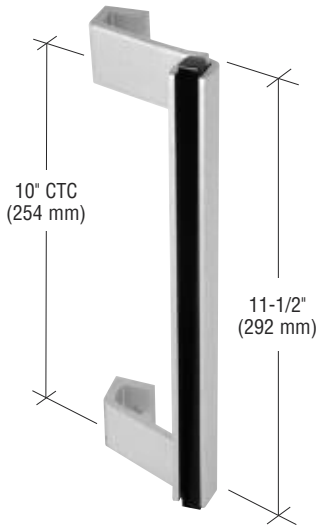


CAT. NO. 9590

CRL Entrance Door Pull

- Solid Pull has Clear Anodized Brushed Aluminum Finish
- Complete With Thru-Bolts for Mounting

This solid aluminum Entrance Door Pull has a black accent strip along the full length of the pull. Projection height is 2-7/8" (73 mm) from the face of the door. Brushed aluminum finish is clear anodized. Complete with thru-bolts for mounting. Minimum order is one each.



CAT. NO. 9561

CRL Extruded Aluminum Push Bars

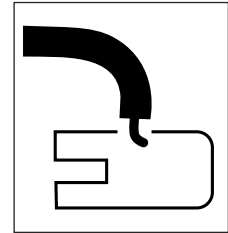
- Available in Three Lengths and Two Finishes



Extruded Aluminum Push Bars for aluminum storefront doors come with a "J" Hook on one end. The opposite end needs to be drilled at time of installation to match application. Bar measures 1/2" x 1-1/4" (12.7 x 31.7 mm). One per package.

CAT. NO.	FITS DOORS UP TO	FINISH
DL9530A	36" (914 mm) Wide	Satin Aluminum
DL9530DU	36" (914 mm) Wide	Bronze Anodized
DL9535A	42" (1067 mm) Wide	Satin Aluminum
DL9535DU	42" (1067 mm) Wide	Bronze Anodized
DL9540A	48" (1219 mm) Wide	Satin Aluminum
DL9540DU	48" (1219 mm) Wide	Bronze Anodized

Minimum order: 1 each. All Push Bars can be combined for quantity pricing.



J-Hook Mount

CRL Extruded Aluminum Door Bumper Bars

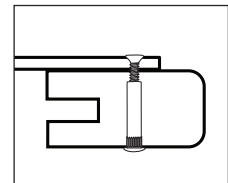
- 3/8" (9.5 mm) Thick Bumper Bars Help Protect Storefront Doors
- Available in Three Lengths and Two Finishes



Extruded Aluminum Door Bumper Bars come prepped at each end for use with 1/4" - 20 Sex Bolts, sold separately (see below). Door Bumper Bars assist in preventing damage to door and glass in areas with shopping carts. Bars measure 2" x 3/8" (50.8 x 9.5 mm). One per package.

CAT. NO.	FITS DOORS UP TO	FINISH
P011110036	36" (914 mm) Wide	Satin Aluminum
P011220036	36" (914 mm) Wide	Bronze Anodized
P011110042	42" (1067 mm) Wide	Satin Aluminum
P011220042	42" (1067 mm) Wide	Bronze Anodized
P011110048	48" (1219 mm) Wide	Satin Aluminum
P011220048	48" (1219 mm) Wide	Bronze Anodized

Minimum order: 1 each. All Push Bars can be combined for quantity pricing.



Sex Bolt Mount

CRL Vinyl Door Jamb Finger Guard

- Prevents Finger Entrapment and Injuries
- Easy to Install

new



This CRL Vinyl Door Jamb Finger Guard is designed to be easily applied to the hinge side of the door frame to help reduce injury to fingers. Available in charcoal color. **NOTE:** Only works on center pivot doors with special frame opening size. Attachment screws not included.

CAT. NO.	FINISH	LENGTH
FP100	Charcoal	96" (2.44 m)

Minimum order: 1 each.

CRL Sex Bolts



Used for securing push bars, surface mounted door closers, and other fixtures to 1-3/4" (44.5 mm) doors. Knurled barrel fits a 3/8" (9.5 mm) diameter hole. Available in aluminum and bronze finishes. Four bolts per package.

CAT. NO.	THREAD SIZE	FINISH
8025	1/4" - 20	Satin Aluminum
8025BRZ	1/4" - 20	Bronze Anodized

Minimum order: 1 pack. All Sex Bolts can be combined for quantity pricing.

CRL Kick Plates



- Nine Sizes Available in Four Architectural Finishes
- Fabricated From Sturdy 18-Gauge Metals



CRL Kick Plates and Push Plates are fabricated from sturdy 18-gauge (.050 thickness) metals, and pre-drilled for mounting screws, which are included. The oil rubbed bronze plates are made from aluminum with a very durable powder coated 10B finish; the polished brass plates are made from solid brass with a lacquered finish; aluminum plates are clear anodized; brushed stainless plates are made from solid stainless steel stock. One per package.

6" X 34" (152 X 864 MM)

CAT. NO.	FINISH
KP6X3410B	Oil Rubbed Bronze
KP6X343	Polished Brass
KP6X3428	Clear Anodized
KP6X3432D	Brushed Stainless

Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

8" X 30" (203 X 762 MM)

CAT. NO.	FINISH
KP8X3010B	Oil Rubbed Bronze
KP8X303	Polished Brass
KP8X3028	Clear Anodized
KP8X3032D	Brushed Stainless

Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

8" X 40" (203 X 1016 MM)

CAT. NO.	FINISH
KP8X4032D	Brushed Stainless

Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

8" X 32" (203 X 813 MM)

CAT. NO.	FINISH
KP8X3210B	Oil Rubbed Bronze
KP8X323	Polished Brass
KP8X3228	Clear Anodized
KP8X3232D	Brushed Stainless

Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

8" X 34" (203 X 864 MM)

CAT. NO.	FINISH
KP8X3410B	Oil Rubbed Bronze
KP8X343	Polished Brass
KP8X3428	Clear Anodized
KP8X3432D	Brushed Stainless

Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

8" X 46" (203 X 1168 MM)

CAT. NO.	FINISH
KP8X4632D	Brushed Stainless

Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

10" X 34" (254 X 864 MM)

CAT. NO.	FINISH
KP10X3410B	Oil Rubbed Bronze
KP10X343	Polished Brass
KP10X3428	Clear Anodized
KP10X3432D	Brushed Stainless

Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

12" X 34" (305 X 864 MM)

CAT. NO.	FINISH
KP12X3410B	Oil Rubbed Bronze
KP12X343	Polished Brass
KP12X3428	Clear Anodized
KP12X3432D	Brushed Stainless

Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

10" X 46" (254 X 1168 MM)

CAT. NO.	FINISH
KP10X4632D	Brushed Stainless

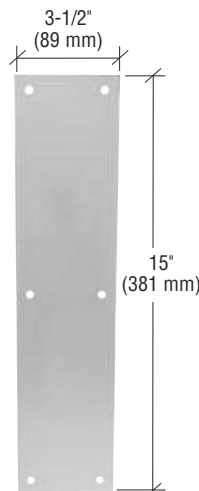
Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

CRL Push Plates 3-1/2" x 15"

- 18-Gauge Metals
- Four Architectural Finishes
- Pre-Drilled for Included Mounting Screws

CAT. NO.	FINISH
M60310B	Oil Rubbed Bronze
M6033PB	Polished Brass
M60328	Clear Anodized
M60332D	Brushed Stainless

Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.

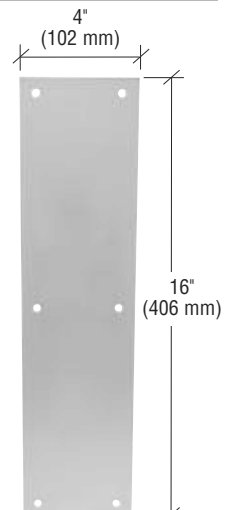


CRL Push Plates 4" x 16"

- 18-Gauge Metals
- Four Architectural Finishes
- Pre-Drilled for Included Mounting Screws

CAT. NO.	FINISH
M60410B	Oil Rubbed Bronze
M6043PB	Polished Brass
M60428	Clear Anodized
M60432D	Brushed Stainless

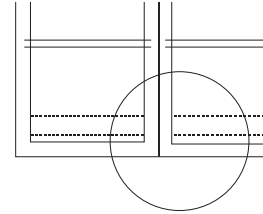
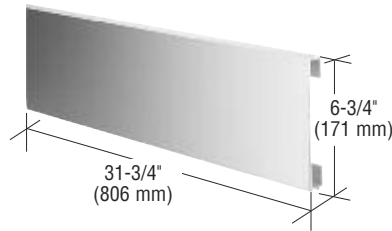
Minimum order: 1 each. All Kick Plates and Push Plates can be combined for quantity pricing.



CRL A.D.A. Door Rail Adaptor

Allows existing doors to meet California Title 24 Handicap Code requirements of a 10" (254 mm) bottom rail. Easily mounts between door stiles with double face tape. 6-3/4" (171 mm) wide x 31-3/4" (806 mm) long to fit 36" (914 mm) doors. Other sizes are available on special order. One per package.

- For New or Retrofit Applications

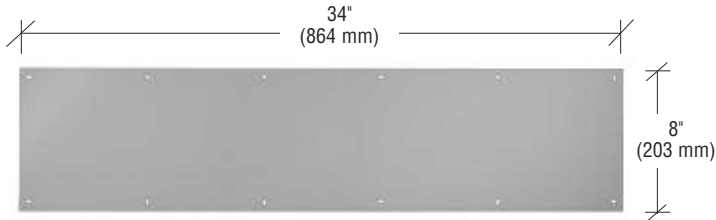


CAT. NO.	FINISH
10AD	Aluminum
10BRZ	Bronze

Minimum order: 1 each.

CRL Door Kick Plates

- Protects Door Surfaces
- Three Architectural Finishes



Door Kick Plates are used to protect 36" (914 mm) wide door bottoms from scuffing. Comes with pre-drilled mounting holes and all hardware needed to fasten to the door. 3/64" (1.2 mm) thick Plates come one per package.

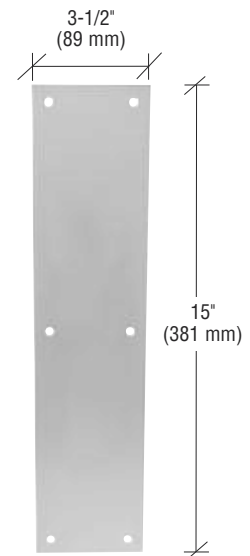
CAT. NO.	FINISH
37	Satin Aluminum
37SS	Brushed Stainless
37PB	Polished Brass

Minimum order: 1 each. All Kick Plates and Push/Pull Plates can be combined for quantity pricing.

CRL Push Plates

- Protect Door Surfaces
- Three Architectural Finishes

Push Plates eliminate hand prints and scratch marks to the door face. Comes with pre-drilled mounting holes and all hardware needed to fasten to the door. 3/64" (1.2 mm) thick Plates come one per package.



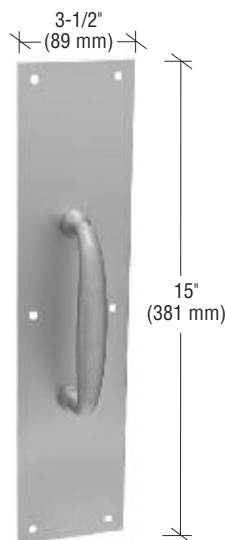
CAT. NO.	FINISH
47	Satin Aluminum
47SS	Brushed Stainless
47PB	Polished Brass

Minimum order: 1 each. All Kick Plates and Push/Pull Plates can be combined for quantity pricing.

CRL Pull Plates

- Three Architectural Finishes
- Heavy Die Cast Handle

This CRL Pull Plate is 3/64" (1.2 mm) thick with a heavy die cast pull handle. It has beveled edges with pre-drilled mounting holes. All mounting hardware is included. One per package.



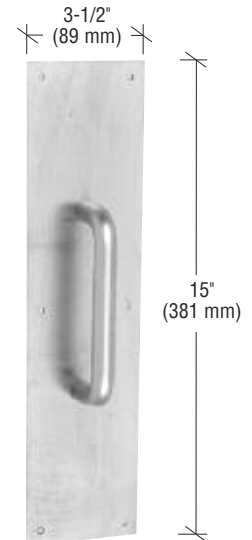
CAT. NO.	FINISH
57N	Satin Aluminum
57SS	Brushed Stainless
57PB	Polished Brass

Minimum order: 1 each. All Kick Plates and Push/Pull Plates can be combined for quantity pricing.

CRL Round Handle Pull Plates

- Three Architectural Finishes
- Solid Round Pull Handle

The CRL Round Handle Pull Plate is 3/64" (1.2 mm) thick, with a 3/4" (19 mm) diameter solid round pull handle. All mounting hardware is included. One per package.



CAT. NO.	FINISH
67N	Satin Aluminum
67SS	Brushed Stainless
67PB	Polished Brass

Minimum order: 1 each. All Kick Plates and Push/Pull Plates can be combined for quantity pricing.

CRL Standard Mail Slots



Satin Anodized



Black Anodized



Duranodic Bronze



- Conform to All Postal Regulations
- Full Radius Corners for Easy Cut-Out
- Made to Fit 1/4" (6 mm) Thick Glass
- Concealed Spring Mechanism
- Spring Tension Closing Eliminates Dust and Water Penetration
- Two Sizes and Three Finishes
- Available in Bulk Packs

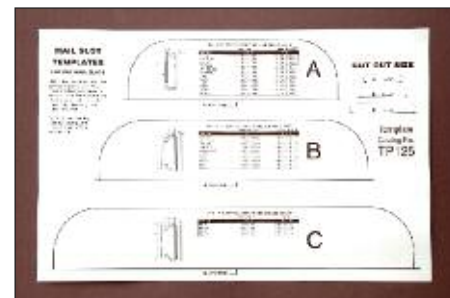


SPECIFICATIONS:

Material: Extruded Aluminum

Finishes: Satin Anodized, Black Anodized or Duranodic Bronze

Glass Fabrication: Glass cut-out available at crlaurence.com

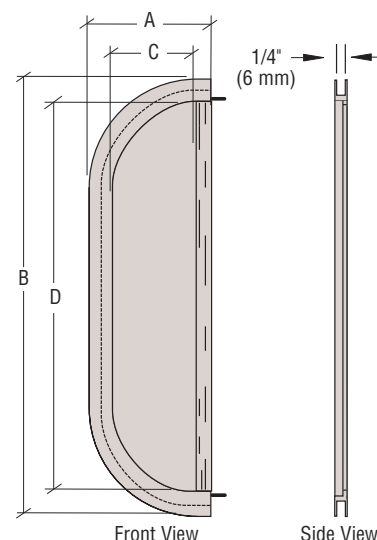


TP125 Template

CRL Standard Mail Slots are designed to be installed in 1/4" (6 mm) glazed entrance doors. Their full radius corners make for easy glass cut-out and installation. Concealed spring mechanism on flap keeps it closed securely, preventing infiltration of dirt, dust, and water. Standard Mail Slots are available in three popular metal finishes, and are individually packed for protection during handling prior to installation. Installation simply requires application of neutral cure silicone to inside of channel to create a weathertight seal. Openings on both sizes conform to U.S. Postal Service Regulations. Please note that some areas require MS125 Series Mail Slots to meet local postal codes. Also recommended if tenant will be receiving larger packages. If a Mail Slot Template is required order Cat. No. TP125, or download from crlaurence.com.

CAT. NO.	FINISH	OVERALL SIZE (A x B)	OPENING SIZE (C x D)
MS100A	Satin Anodized	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)
MS100BL	Black Anodized	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)
MS100DU	Duranodic Bronze	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)
MS125A	Satin Anodized	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)
MS125BL	Black Anodized	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)
MS125DU	Duranodic Bronze	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)

Minimum order: 1 each. All Aluminum Mail Slots can be combined for quantity pricing.



CRL Bulk Pack Standard Mail Slots

- Bulk Packaging Lowers Your Cost

Standard Mail Slots are also available bulk packed in all one color and size. Exact same high quality product as shown above, yet at lower prices per unit. Order Cat. No. TP125 for Mail Slot Template. 12 Bulk Mail Slots per carton.



CAT. NO.	FINISH	OVERALL SIZE (A x B)	OPENING SIZE (C x D)
BMS100A	Satin Anodized	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)
BMS100BL	Black Anodized	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)
BMS100DU	Duranodic Bronze	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)
BMS125A	Satin Anodized	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)
BMS125BL	Black Anodized	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)
BMS125DU	Duranodic Bronze	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)

Minimum order: 12 each of same size and finish. All Aluminum Mail Slots can be combined for quantity pricing.



CRL Deluxe Mail Slots With Glass Channel Bar



Satin Anodized

Duranodic Bronze

- All Mechanisms Totally Concealed
- Available With or Without a Latch
- Made to Fit 1/4" (6 mm) Thick Glass
- Spring Tension Closing Eliminates Dust and Water Penetration
- Three Sizes and Two Finishes



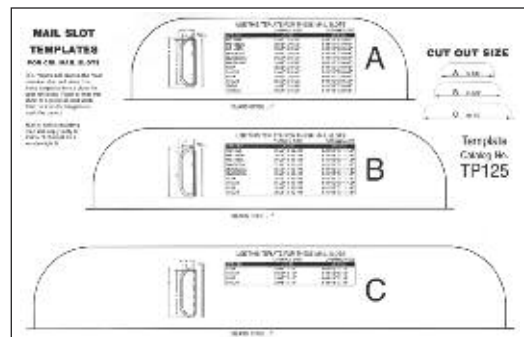
Deluxe Mail Slots are furnished with a glass channel bar to fill in the glazing pocket behind the flap. They are available with or without a latch. No mounting screws are required, and all closing mechanisms are concealed. Concealed spring mechanism on flap keeps it closed securely, preventing infiltration of dirt, dust, and water. Deluxe Mail Slots are designed for use with 1/4" (6 mm) glass and are fully reversible. They are available in three sizes and two popular finishes. If a Mail Slot Template is required, order Cat. No. TP125 or download from crlaurence.com.



Latched



Unlatched



SPECIFICATIONS:

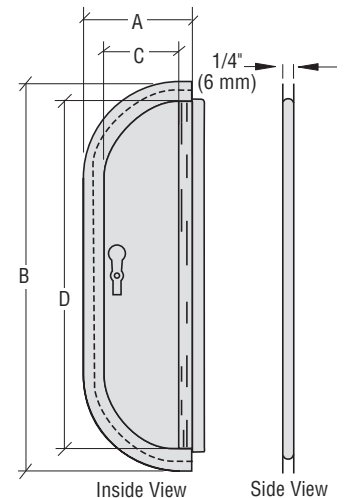
Material: Extruded Aluminum

Finishes: Satin Anodized or Duranodic Bronze

Glass Fabrication: Glass cut-out available at crlaurence.com

W/O LATCH CAT. NO.	WITH LATCH CAT. NO.	FINISH	OVERALL SIZE (A X B)	OPENING SIZE (C X D)
900A	905A	Satin Anodized	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)
900DU	905DU	Duranodic Bronze	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)
922A	925A	Satin Anodized	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)
922DU	925DU	Duranodic Bronze	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)
933A	935A	Satin Anodized	2-5/8" x 16" (67 x 406 mm)	1-11/16" x 15" (43 x 381 mm)
933DU	935DU	Duranodic Bronze	2-5/8" x 16" (67 x 406 mm)	1-11/16" x 15" (43 x 381 mm)

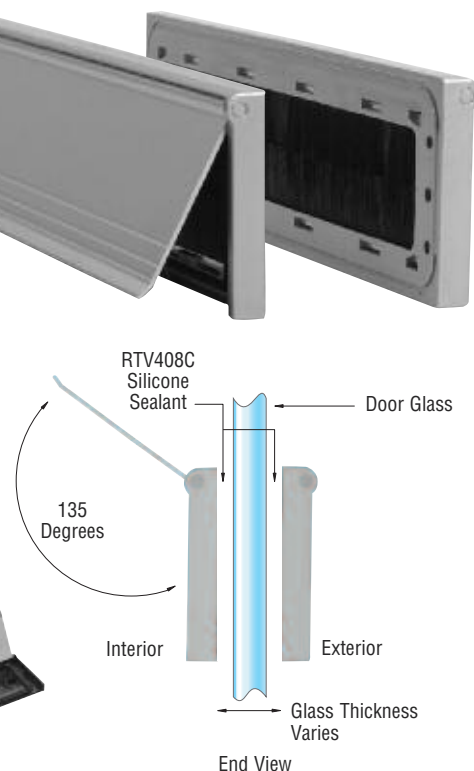
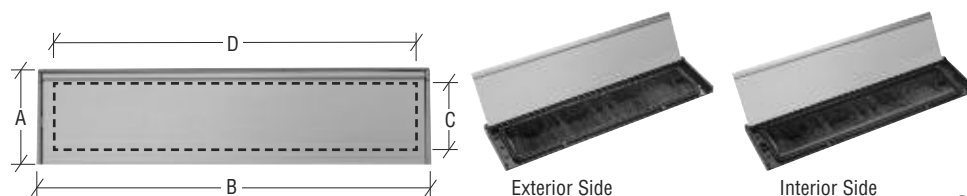
Minimum order: 1 each. All Aluminum Mail Slots can be combined for quantity pricing.



CRL No-Draft Mail Slots

- New Design for All Thicknesses of Glass, Wood, and Even Insulating Glass Doors
- Energy Efficient, Ideal for All Climates
- Internal Brush Strip for Added Insulation and Privacy
- Available in Satin Anodized and Black Anodized

CRL No-Draft Mail Slots are designed to keep out the weather as well as dust and dirt. The CRL No-Draft Mail Slot has two door flaps, both spring-loaded and weatherstripped, as well as an internal brush strip for greater insulation and privacy. Both the external and internal flaps open to 135 degrees for easy access. Both have durable nylon torsion rods instead of springs to keep both flaps tightly shut. Made from high impact ABS plastic and anodized aluminum, CRL No-Draft Mail Slots will not rust or tarnish over time. Easy to install by simply running a bead of CRL Cat. No. RTV408C Clear Silicone on both the interior and exterior sleeves and attaching each side to the glass around the 10-1/4" (260 mm) wide x 1-7/8" (48 mm) high cut-out. Intended for horizontal orientation where glass surrounds slots on all four sides.



CAT. NO.	FINISH	OVERALL SIZE (A X B)	OPENING SIZE (C X D)
NDMS13A	Satin Anodized	3" x 11-1/2" (76 x 292 mm)	1-7/16" x 9-3/4" (37 x 248 mm)
NDMS13BL	Black Anodized	3" x 11-1/2" (76 x 292 mm)	1-7/16" x 9-3/4" (37 x 248 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

SPECIFICATIONS:

Material: Extruded Aluminum

Finishes: Satin Anodized or Black Anodized

Glass Fabrication: Cut-Out Required

Template and Instructions Included

Glass cut-out available at crlaurence.com

CRL Frameless 'All-Glass' Mail Slots

- Beautiful Accessory for Frameless 'All-Glass' Entrance Doors
- Made to Fit 1/2" (12 mm) Thick Glass
- Spring Tension Closing
- Four Finishes Available

U.S. Patent D480, 200

Another CRL innovation is our brass constructed Frameless Mail Slot for commercial 'all-glass' entrance doors. This easy to install unit features a 1/2" (12 mm) glass flap with a pair of spring hinges that will fit 1/2" (12 mm) thick glass. It's a beautiful alternative to the traditional aluminum mail slot. Available in four architectural finishes to complement our Door Rail and Patch Hardware. Custom finishes are also available.

CAT. NO.	FINISH
FMS500BN	Brushed Nickel
FMS500BR	Lacquered Brass
FMS500CH	Polished Chrome
FMS500SC	Satin Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.

SPECIFICATIONS:

Material: Solid Brass

Glazing: 1/2" (12 mm) Glass

Glass Fabrication: Cut-Out Required

Instructions and Templates Included



CRL Deluxe Through-Glass Video/DVD Drop



- Full Size Opening Directs Video Tapes and DVD's to Collection Bin
- Brushed Stainless Steel Face Plate
- Installs in 1/4" to 1" (6 to 25 mm) Glass

The Deluxe Through-Glass Video/DVD Drop allows customers to return videos and DVD's after business hours while maintaining store security. The unit fits through a cut-out in the glass and clamps together by tightening four screws. Brushed stainless steel face plate has an 8-1/2" (216 mm) wide x 2" (51 mm) high deposit slot backed by a spring loaded flap that helps reduce air infiltration. A detachable rear chute cover provides additional security, and has a removable spring loaded bar at the base for attachment of the vinyl slide to gently and safely direct video tapes and DVD's to a collection bin.



SPECIFICATIONS:

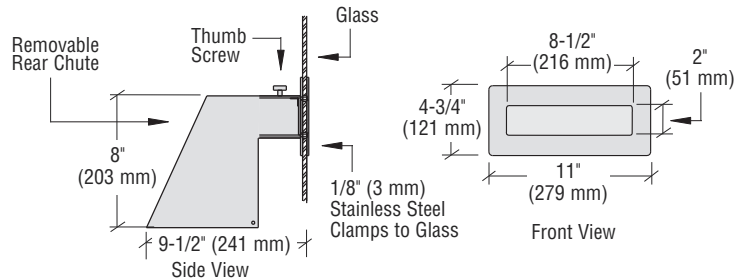
Material: Stainless Steel; Steel; Plastic

Finishes: Brushed Stainless Steel (Face Plate Only);

Black ABS Plastic (Rear Chute)

Instructions Included

Glass cut-out available at crlaurence.com



CAT. NO.	DESCRIPTION	SLOT SIZE (W X H)
DVD82	Deluxe Through-Glass Video/DVD Drop	8-1/2" x 2" (216 x 51 mm)

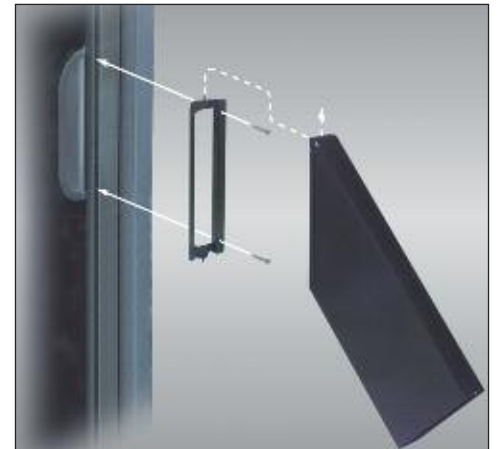
Minimum order: 1 each. All Video/DVD Drops can be combined for quantity pricing.

CRL Mail Slot Video/DVD Drop



- Fits Over Standard Mail Slot in Glass Storefront Doors
- Angled Chute is Removable During Business Hours
- Reversible for Left or Right Side of Door

The Mail Slot Video/DVD Drop is designed to fit behind a standard size mail slot in a glass storefront door. A reversible bracket is affixed to the door directly behind the mail slot. An angled chute is then hung from the bracket to direct deposited video tapes and DVD's into a collection bin placed on the floor. Chute is removable for full use of door during business hours. Available with or without a Standard Size Mail Slot for 1/4" (6 mm) thick glass doors in a satin anodized or duranodic bronze finish.



SPECIFICATIONS:

Material: Extruded Aluminum; Steel

Finishes: Mail Slot - Satin Anodized or Duranodic Bronze;

Rear Chute - Black Painted Steel

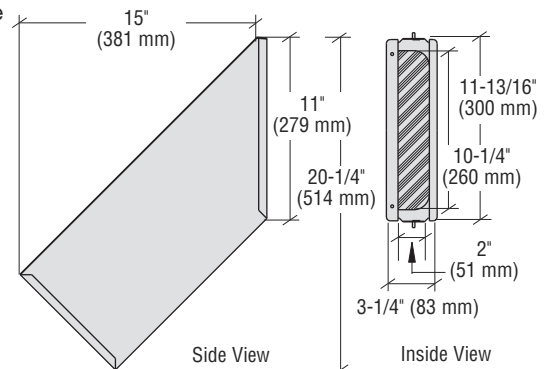
Instructions Included

Glass cut-out available at crlaurence.com



CAT. NO.	DESCRIPTION	MAIL SLOT FINISH
EVDA	Chute, Bracket and Mail Slot	Satin Anodized
EVDDU	Chute, Bracket and Mail Slot	Duranodic Bronze
EVDNS	Chute and Bracket Only	

Minimum order: 1 each. All Video/DVD Drops can be combined for quantity pricing.



CRL MAIL SLOTS AND PACKAGE DROPS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Aluminum Package Drops

- Larger Parcel Capacity
- Made to Fit 1/4" (6 mm) Thick Glass
- Concealed Spring Mechanism
- Spring Tension Closing Eliminates Dust and Water Penetration
- Seven Sizes and Two Finishes



Satin Anodized

Duranodic Bronze



Aluminum Package Drops are a wider version of our Deluxe Mail Slots. They are preferred in facilities where larger parcels such as manuscripts, legal briefs, video tapes and discs are delivered. Designed to fit into glass doors or sidelites glazed with 1/4" (6 mm) glass. Installation simply requires application of Cat. No. RTV408 Neutral Cure Silicone to inside of channel to create a weathertight seal. Aluminum Package Drops are furnished with a concealed spring mechanism in the flap which keeps it closed securely. A glass channel bar fills in the glazing pocket behind the flap for an improved appearance, and to reduce dirt, dust, and water infiltration. A turn latch on the flap allows for securing the flap at night, or when not in use. Package Drops are available in seven sizes and two popular finishes.

CAT. NO.	FINISH	OVERALL SIZE (A X B)	OPENING SIZE (C X D)
9412A	Satin Anodized	4-1/2" x 12" (114 x 305 mm)	3-9/16" x 11" (90 x 279 mm)
9412DU	Duranodic Bronze	4-1/2" x 12" (114 x 305 mm)	3-9/16" x 11" (90 x 279 mm)
9414A	Satin Anodized	4" x 14" (102 x 356 mm)	3-1/16" x 13" (78 x 330 mm)
9414DU	Duranodic Bronze	4" x 14" (102 x 356 mm)	3-1/16" x 13" (78 x 330 mm)
9416A	Satin Anodized	4" x 16" (102 x 406 mm)	3-1/16" x 15" (78 x 381 mm)
9416DU	Duranodic Bronze	4" x 16" (102 x 406 mm)	3-1/16" x 15" (78 x 381 mm)
9418A	Satin Anodized	4" x 18" (102 x 457 mm)	3-1/16" x 17" (78 x 432 mm)
9418DU	Duranodic Bronze	4" x 18" (102 x 457 mm)	3-1/16" x 17" (78 x 432 mm)
9514A	Satin Anodized	5" x 14" (127 x 356 mm)	4-1/16" x 13" (103 x 330 mm)
9514DU	Duranodic Bronze	5" x 14" (127 x 356 mm)	4-1/16" x 13" (103 x 330 mm)
9516A	Satin Anodized	5" x 16" (127 x 406 mm)	4-1/16" x 15" (103 x 381 mm)
9516DU	Duranodic Bronze	5" x 16" (127 x 406 mm)	4-1/16" x 15" (103 x 381 mm)
9518A	Satin Anodized	5" x 18" (127 x 457 mm)	4-1/16" x 17" (103 x 432 mm)
9518DU	Duranodic Bronze	5" x 18" (127 x 457 mm)	4-1/16" x 17" (103 x 432 mm)

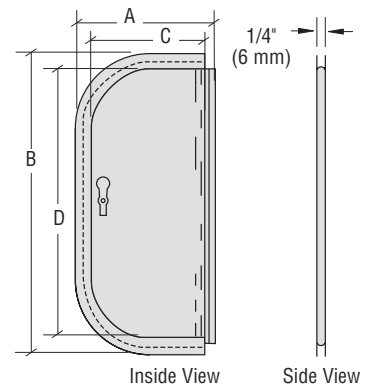
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

SPECIFICATIONS:

Material: Extruded Aluminum

Finishes: Satin Anodized or Duranodic Bronze

Glass Fabrication: Cut-Out Required
Instructions and Template Included



CRL Package Drops With Aluminum Doors



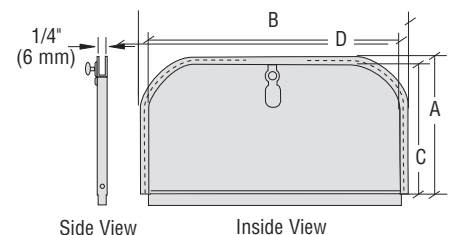
- Largest Size Offers 10" x 8-1/4" (254 x 210 mm) Opening
- Fully Reversible
- Metal Latch
- Installs in 1/4" (6 mm) Glass



These Package Drops are designed to be installed in a grooved counter or horizontal mullion with a glazing pocket for 1/4" (6 mm) glass. Installation simply requires application of CRL Cat. No. RTV408 Neutral Cure Silicone to inside of channel to create a weathertight seal. The units can also be installed vertically, but must be glazed in the left side pocket as viewed from latch side. This will allow the latch to function properly.

CAT. NO.	FINISH	OVERALL SIZE (A X B)	OPENING SIZE (C X D)
300A	Satin Anodized	10-3/4" x 9-1/4" (273 x 235 mm)	10" x 8-1/4" (254 x 210 mm)
300DU	Duranodic Bronze	10-3/4" x 9-1/4" (273 x 235 mm)	10" x 8-1/4" (254 x 210 mm)
522A	Satin Anodized	5-1/8" x 9-7/8" (130 x 251 mm)	4-1/4" x 8-7/8" (108 x 225 mm)
522DU	Duranodic Bronze	5-1/8" x 9-7/8" (130 x 251 mm)	4-1/4" x 8-7/8" (108 x 225 mm)
532A	Satin Anodized	5-1/8" x 12-1/2" (130 x 318 mm)	4-1/4" x 11-1/2" (108 x 292 mm)
532DU	Duranodic Bronze	5-1/8" x 12-1/2" (130 x 318 mm)	4-1/4" x 11-1/2" (108 x 292 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



SPECIFICATIONS:

Material: Extruded Aluminum

Finishes: Satin Anodized or Duranodic Bronze

Glass Fabrication: Cut-Out Required
Instructions and Template Included

CRL Clear View Package Doors



- Door Glazed With 1/4" (6 mm) Clear Glass
- Left or Right Handed Models in Two Finishes



The Clear View Package Door provides an unobstructed view of items to be passed before door is opened. It is glazed with 1/4" (6 mm) clear glass, and includes 1/4" (6 mm) vinyl for glazing the frame in the cut-out. Spring loaded metal latch for security and years of reliable service. Satin anodized or duranodic bronze finishes are available hinged left or right from clerk side.

SPECIFICATIONS:

Materials: Extruded Aluminum; Clear Glass; Steel Latch and Hinges

Finishes: Satin Anodized or Duranodic Bronze

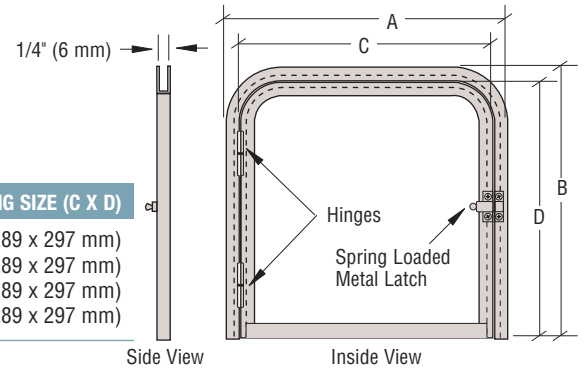
Glazing: 1/4" (6 mm) Thick Glass

Glass Fabrication: Cut-Out Required

Instructions and Template Included

CAT. NO.	FINISH	HINGED*	OVERALL SIZE (A X B)	OPENING SIZE (C X D)
1213LHA	Satin Anodized	Left	13" x 12-1/2" (330 x 318 mm)	11-3/8" x 11-11/16" (289 x 297 mm)
1213RHA	Satin Anodized	Right	13" x 12-1/2" (330 x 318 mm)	11-3/8" x 11-11/16" (289 x 297 mm)
1213LH DU	Duranodic Bronze	Left	13" x 12-1/2" (330 x 318 mm)	11-3/8" x 11-11/16" (289 x 297 mm)
1213RH DU	Duranodic Bronze	Right	13" x 12-1/2" (330 x 318 mm)	11-3/8" x 11-11/16" (289 x 297 mm)

Minimum order: 1 each. All Aluminum Mail Slots can be combined for quantity pricing.



CRL All Purpose Access Panels

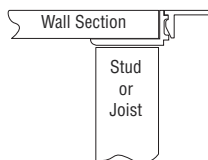
- Now in Three Popular Sizes
- Exposed Surface Textured for Adhesion of Paint if Desired
- Made of Long Lasting A.B.S. With UV Stabilizers
- Made from Precision Dies for Perfect Fit of Lid and Frame

The CRL All Purpose Access Panel is ideal for use anywhere access into a wall is required. Many times plumbing leaks, cable runs, or area access requires a hole being made in the wall. With this panel, an easy cover up can be done without having to replace the drywall. Simply cut the hole, install the outer frame with fasteners or construction adhesive, and then snap in the door panel. Very quick and simple.



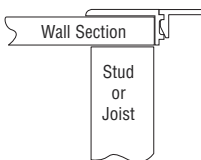
CAT. NO.	SIZE	COLOR	QTY/PKG
AP6X9	6" x 9" (152 x 229 mm)	White	1
AP1414	14" x 14" (356 x 356 mm)	White	1
AP1429	14" x 29" (356 x 737 mm)	White	1

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



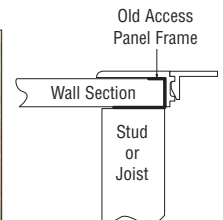
Function #1

Mounts to rough framing on new construction. Flange nailed face down gives ground for plaster, stucco or drywall.



Function #2

Mounts to any finished wall or ceiling. Reversing outer frame enables unit to be used on any finished wall, any thickness, with or without lumber backing.



Function #3

Replaces rusted, kinked, missing or destroyed access panels. Installs with fasteners or construction adhesive.

CRL Round Glass Presence Indicator Set

- For Use on Storefront Panels and Doors
- Easily Installed With Supplied Tape
- Help to Prevent Accidents

CRL Round Glass Presence Indicator Sets are 2" (50.8 mm) in diameter. They are applied to glass panels back-to-back at eye level to warn people of the presence of large glass panels. Easily installed using high bond tape applied to the rear of each Indicator. Each set contains two round discs.



CAT. NO.	FINISH	DIAMETER
RPPBDU	Dark Bronze	2" (50.8 mm)
RPPBBS	Brushed Stainless Steel	2" (50.8 mm)
RPPBPS	Polished Stainless Steel	2" (50.8 mm)
RPPBPB	Polished Brass	2" (50.8 mm)
RPPBSB	Satin Brass	2" (50.8 mm)

Minimum order: 1 set. All Indicators can be combined for quantity pricing.

CRL Round Push or Pull Indicators

- Etched Brass or Stainless Steel
- 2" (50.8 mm) Diameter
- Install in Seconds



These CRL 2" (50.8 mm) Round Indicators are made of high quality brass or stainless steel. They are applied using high bond tape that is pre-installed on the back of each Indicator. The etched letters are 5/8" (15.9 mm) high so that they can be easily read. "Push" or "Pull" are sold separately, not in sets.

PULL CAT. NO.	PUSH CAT. NO.	FINISH	DIAMETER
2EP0RBPL	2EP0RBPU	Oil Rubbed Bronze	2" (50.8 mm)
2EPBSPL	2EPBSPU	Brushed Stainless Steel	2" (50.8 mm)
2EPSPPL	2EPSPPU	Polished Stainless Steel	2" (50.8 mm)
2EPBPPL	2EPBPBU	Polished Brass	2" (50.8 mm)
2EPSPBPL	2EPSPBPU	Satin Brass	2" (50.8 mm)

Minimum order: 1 each. All Indicators can be combined for quantity pricing.

CRL Round Push-Pull Indicator Sets

- One Push and One Pull Indicator Per Set
- Five Architectural Finishes
- 2" (50.8 mm) Diameter



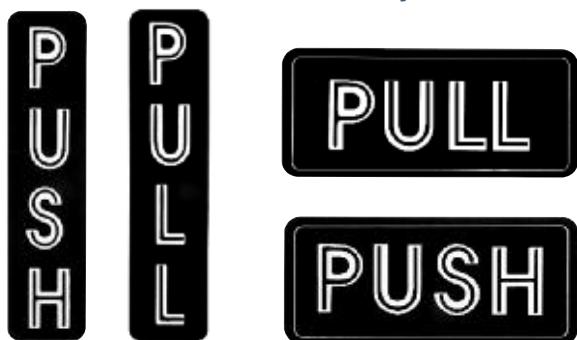
These CRL 2" (50.8 mm) Round Push-Pull Indicator sets are made of high quality brass or stainless steel. They are applied using high bond tape that is pre-installed on the back of each Indicator. The etched letters are 5/8" (15.9 mm) high so that they can be easily read. One set includes one "PUSH" and one "PULL" disc.

CAT. NO.	FINISH	DIAMETER
RPP2DU	Dark Bronze	2" (50.8 mm)
RPP2BS	Brushed Stainless Steel	2" (50.8 mm)
RPP2PS	Polished Stainless Steel	2" (50.8 mm)
RPP2PB	Polished Brass	2" (50.8 mm)
RPP2SB	Satin Brass	2" (50.8 mm)

Minimum order: 1 set. All Indicators can be combined for quantity pricing.

CRL Push-Pull Indicator Decals

- Mylar Decals are Very Durable



Vertical Style

Horizontal Style

Made of die-cut Mylar, these Decals have a strong adhesive backing so you can stick them on any reasonably smooth metal, glass, plastic or wood surface. Aluminum colored letters on black background. Vertical Dimensions: 5-3/4" (146 mm) high x 1-3/8" (34.9 mm) wide. Horizontal Dimensions: 1-7/8" (47.6 mm) high x 4-1/4" (107.9 mm) wide.

CAT. NO.	TYPE	COLOR	STYLE
566VA	Push	Aluminum/Black	Vertical
566HA	Push	Aluminum/Black	Horizontal
567VA	Pull	Aluminum/Black	Vertical
567HA	Pull	Aluminum/Black	Horizontal

Minimum order: 25 each. 25 per package. All Mylar signs can be combined for quantity pricing.

CRL French and Spanish Push-Pull Indicator Decals

- Made From Durable Mylar



Vertical Style

Horizontal Style

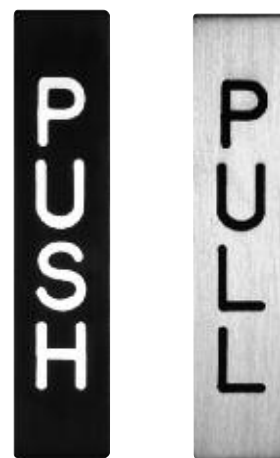
Made of die-cut Mylar, these Decals have a strong adhesive backing so you can stick them on any reasonably smooth metal, glass, plastic or wood surface. Aluminum colored letters on black background. Vertical Dimensions: 5-3/4" (146 mm) high x 1-3/8" (34.9 mm) wide. Horizontal Dimensions: 1-7/8" (47.6 mm) high x 4-1/4" (107.9 mm) wide.

PUSH CAT. NO.	PULL CAT. NO.	LANGUAGE	STYLE
568HS	569HS	Spanish	Horizontal
568VF	569VF	French	Vertical

Minimum order: 1 each. All Push-Pull Signs can be combined for quantity pricing.

CRL Etched Aluminum Push-Pull Signs

- Letters Etched in Aluminum Plates With Tape Backing for Easy Mounting
- Choose Black on Aluminum or White on Bronze



White on Bronze

Black on Aluminum

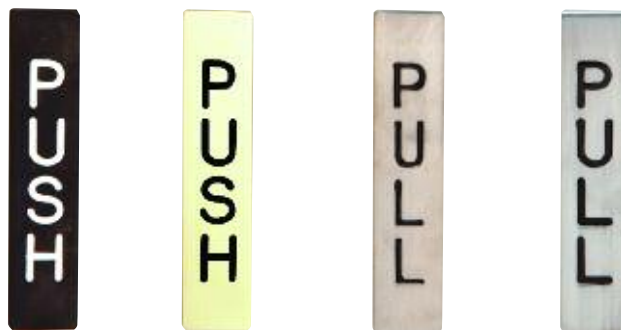
These Push-Pull Signs have letters etched in aluminum. There are two finishes available: aluminum with black letters, and bronze with white letters. Mount with pressure sensitive tape backing. Dimensions: 4-9/16" (115.8 mm) high x 1" (25.4 mm) wide. The letters are 5/8" (15.9 mm) high.

CAT. NO.	TYPE	COLOR	STYLE
1445G	Push	Black on Aluminum	Vertical
1445GW	Push	White on Bronze	Vertical
1446G	Pull	Black on Aluminum	Vertical
1446GW	Pull	White on Bronze	Vertical

Minimum order: 1 each. All Push-Pull Signs can be combined for quantity pricing.

CRL Push-Pull Indicators

- Brass or Stainless Steel Plate
- Tape Backing for Easy Mounting



These Push-Pull Indicators have 5/8" (15.9 mm) high letters etched into the plate. They are available in several popular architectural finishes, and each comes complete with pressure sensitive tape on the back for quick and easy mounting. Indicators measure 4-1/2" (114.3 mm) high x 1" (25.4 mm) wide.

PUSH CAT. NO.	PULL CAT. NO.	FINISH
4EP0RBPU	4EP0RBPL	Oil Rubbed Bronze
4EPBSPU	4EPBSPL	Brushed Stainless Steel
4EPPSPU	4EPPSPL	Polished Stainless Steel
4EPPBPU	4EPPBPL	Polished Brass
4EPSBPU	4EPSBPL	Satin Brass

Minimum order: 1 each. All Push-Pull Signs can be combined for quantity pricing.

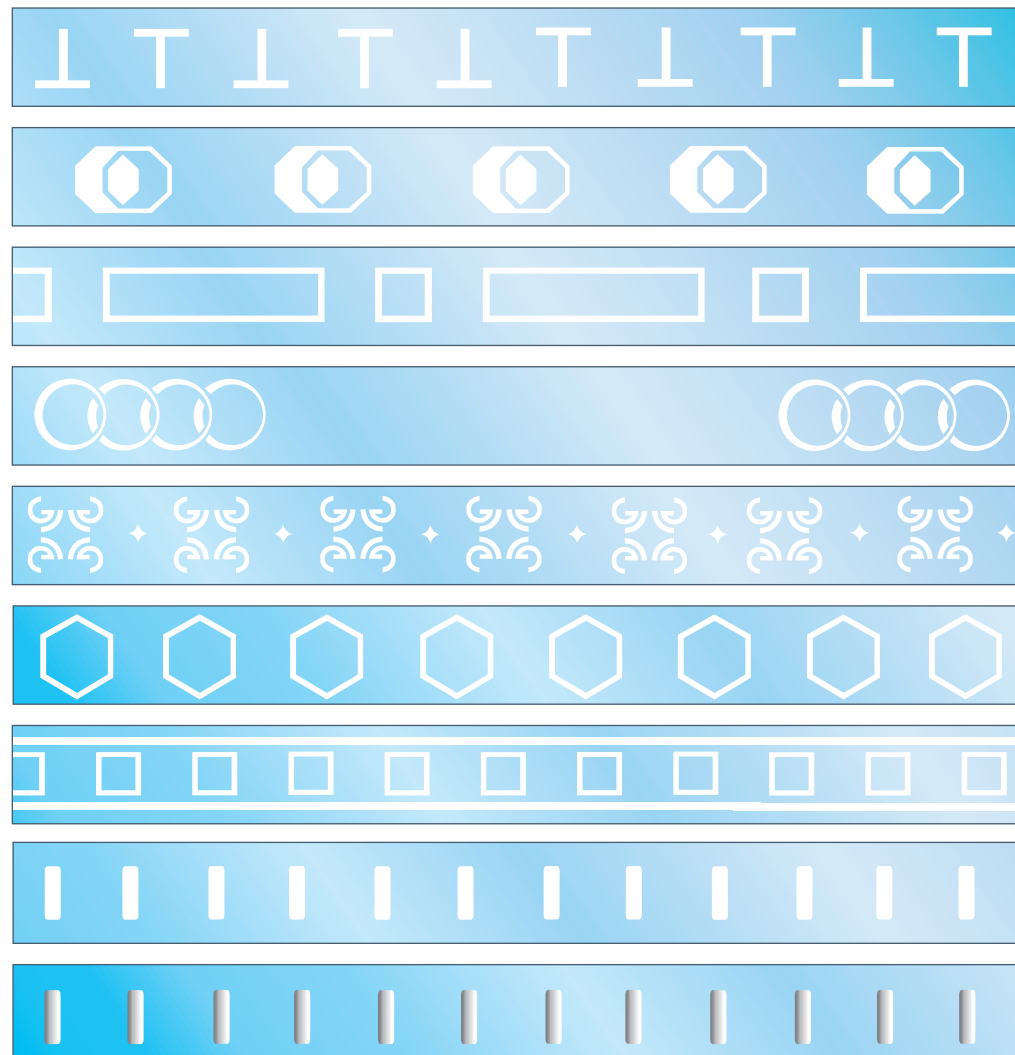
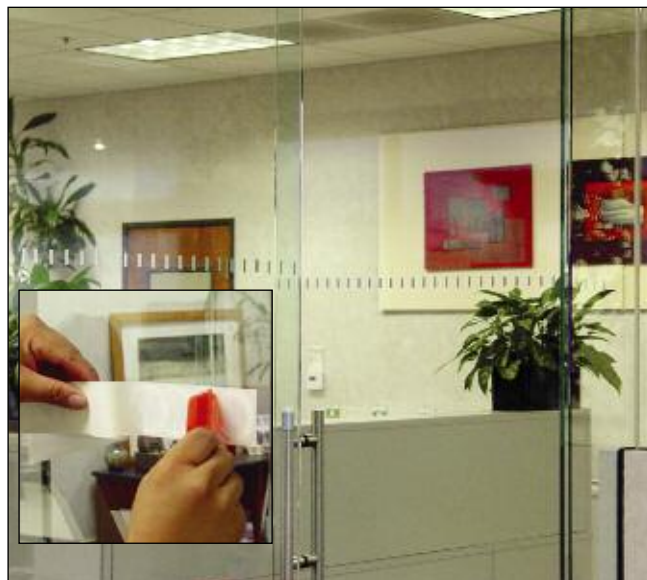
CRL Glass Safety Decals

- Easy to Apply Decals Reduce the Risk of Injury Due to Accidental Collision With Storefront Panels and Doors
- Decals Have "Floating" Appearance

With today's architecture incorporating more glass than ever, it's important to reduce the risk of people being injured by accidental collision with glass panels and doors. CRL Glass Safety Decals installed near eye level give a "floating" appearance that serves to warn pedestrians of the presence of large glass panels and sliding doors.

All Glass Safety Decals are a white color, and use a special dual-sided adhesive transfer material which when peeled off leaves only the decal, with no unsightly residue to spoil the 'all-glass' appearance.

Minimum order for Cat. No. 2149 Silver Rectangles is one roll. Minimum order for all others on this page is five each. Our Cat. No.105 Plastic Scraper will give you firm, even pressure as you apply Safety Decals to clean glass.



"Trend"

3/4" x 6-7/8" (19 x 175 mm)
CAT. NO. 010323

"Boral"

1-3/16" x 22-1/4" (30 x 566 mm)
CAT. NO. 010325

"Bradnams"

1" x 17-3/4" (25 x 451 mm)
CAT. NO. 010326

"Dowell"

1-1/2" x 23-1/4" (38 x 590 mm)
CAT. NO. 010327

"G. James"

1-7/8" x 21" (48 x 533 mm)
CAT. NO. 010328

"Pilkington"

1-3/4" x 22" (44 x 559 mm)
CAT. NO. 010330

"Stegbar"

1-3/8" x 22-1/2" (35 x 572 mm)
CAT. NO. 010331

"James Hardie"

1" x 23-1/4" (25 x 591 mm)
CAT. NO. 010332

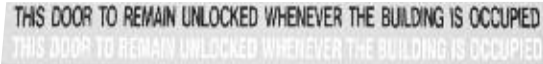
"Silver Rectangles"

1" x 5/16" (25 x 8 mm) on a 197" (5 m) Roll
CAT. NO. 2149

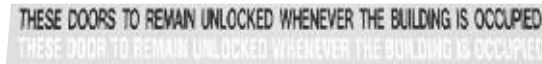
CRL 'Door to Remain Unlocked' Decals for Business Doors



Cat. No. 148B0, 149B0, and DL2177HS "During Business Hours"



Cat. No. 146B0 and 147B0 "Whenever the Building is Occupied"



- Two Varieties Available for Single or Double Doors
- Adhesive Backed for Fast Installations

The DL2177HS Decal has a solid silver background with black letters; the other Decals have both white letters and black letters with a clear background for use on either light or dark surfaces. Decals can be ordered for either single or double doors. All Decals have adhesive backing for fast installation, and measure 1-1/2" (38.1 mm) high.

CAT. NO.	DESCRIPTION	LENGTH	QTY/PACK
DL2177HS	Single Door Decal	26" (660 mm)	10*
148B0	Single Door Decal	24" (610 mm)	1
149B0	Double Door Decal	25" (635 mm)	1
146B0	Single Door Decal	25" (635 mm)	1
147B0	Double Door Decal	26" (660 mm)	1

Minimum order: 1 each. *10 each for Cat. No. DL2177HS.

CRL Restroom Signs

- Bright Blue High Impact Polystyrene With White Symbols



CAT. NO. SBH12M



CAT. NO. SBH08B



CAT. NO. SBH12W



CAT. NO. SBH08G



CAT. NO. SBH12U

- Easily Installed Without Tools

CRL Restroom Signs are molded from 1/4" (6.3 mm) thick high impact polystyrene with 1/8" (3.2 mm) thick raised white symbols and letters over a bright blue background. Each Restroom Sign comes complete with pressure sensitive adhesive tape on the back for easy installation on any clean, dry, smooth surface.

CAT. NO.	SIZE	SIGN CAPTION
SBH12M	12" (305 mm) Triangle	Men
SBH08B	12" (305 mm) Triangle	Boys
SBH12W	12" (305 mm) Circle	Women
SBH08G	12" (305 mm) Circle	Girls
SBH12U	12" (305 mm) Circle	Restroom

Minimum order: 1 each.

CRL Handicap Symbol Decals

- Vinyl Decals are Easy to Install
- Single-Sided or Visible From Both Sides of Glass Doors

CRL offers two styles of this Handicap Decal. Cat. No. SBH01H is a 2" (50.8 mm) square stencil-cut white decal that you apply to solid doors or restroom signs; Cat. No. 150B0 is a 6" (152.4 mm) square decal that is applied to glass and is visible from both sides. The white symbol is on a blue background.



CAT. NO. 150B0



CAT. NO. SBH01H*

*Decal Only-Sign Not Included

CAT. NO.	DIMENSIONS	COLOR
150B0	6" (152.4 mm) Square	White on Blue
SBH01H	2" (50.8 mm) Square	White

Minimum order: 1 each.

CRL Commercial Saddle Thresholds

- For New Construction and Retrofit
- Most Popular Models and New Models to Choose From
- Also Shown Online at crlaurence.com

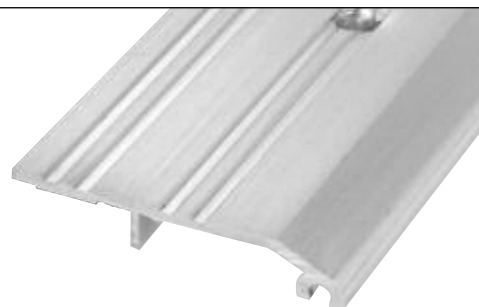
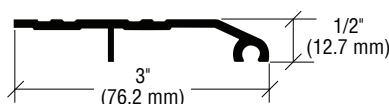
CRL offers Thresholds for most commercial door applications. Special order profiles, lengths, widths, and custom prepping are readily available by contacting our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can send e-mail through the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



CRL 3" Half Saddle Threshold

new

- Typically Used to Meet With Irregular Floor Surface



This 3" (76.2 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in one length and finish. Furnished with screws for installation.

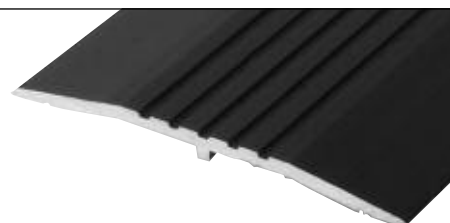
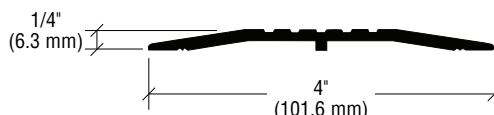
ALUMINUM CAT. NO.	LENGTH
39A36	36-1/2" (927 mm)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.

CRL 4" Commercial Saddle Threshold

new

- Commonly Used With 4" Wide Storefront Tubing



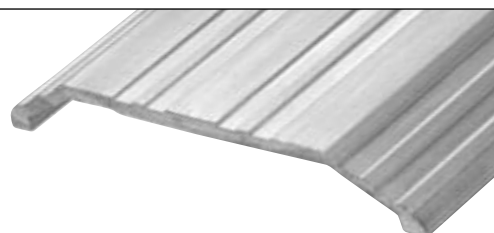
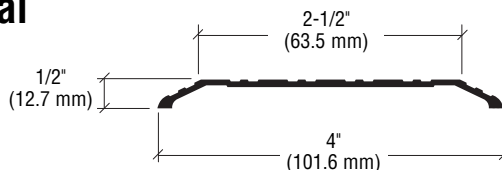
This 4" (101.6 mm) wide x 1/4" (6.3 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
38A36	38D36	36-1/2" (927 mm)
38A72	38D72	73" (1854 mm)
38A185	38D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

CRL 4" Commercial Saddle Threshold

- Commonly Used With 4" Wide Storefront Tubing



This 4" (101.6 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH014A36	TH014D36	36-1/2" (927 mm)
TH014A72	TH014D72	73" (1854 mm)
TH014A185	TH014D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

CRL THRESHOLDS

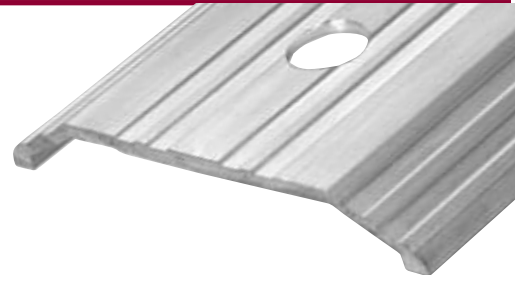
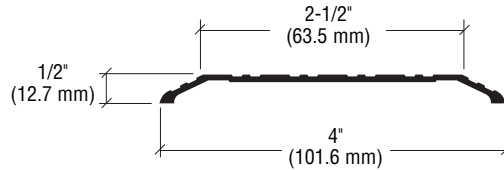
For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 4" Fabricated Thresholds

- For Center Pivot Door With Overhead Concealed Closer
- Mill Finish

new

Single and Double Door 4" (101.6 mm) Aluminum Thresholds are fabricated in three styles to work with our stock center pivoting aluminum framed doors. Custom styles and sizes can be special ordered.



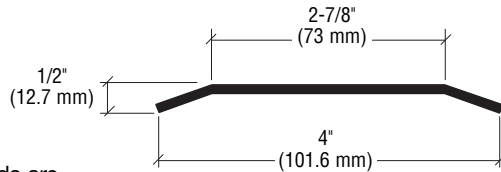
MILL CAT. NO.	DESCRIPTION	LENGTH
TP417990036	Single Door Threshold	36" (914 mm)
TP427990072	Double Doors Threshold	72" (1829 mm)
TP427990A72	Double Doors 3 Pt. Lock Threshold	72" (1829 mm)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.

CRL 4" Stainless Steel Saddle Threshold

- Stainless Steel for Corrosive Environments

CRL Stainless Steel Saddle Thresholds are brake-press formed, solid #304 alloy stainless steel, not stainless steel "clad". Supplied with stainless steel screws for easy installation, they are especially useful in environments where corrosive agents or saltwater is affecting door hardware.



CAT. NO.	LENGTH
TH074SS36	36-1/2" (927 mm)

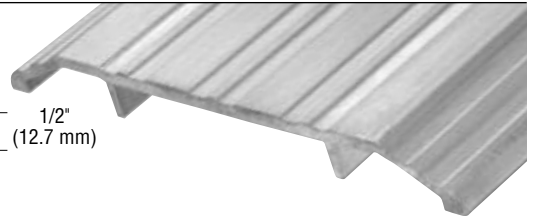
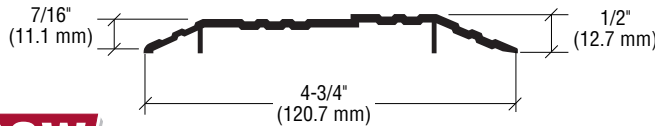
Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.

CRL 4-3/4" Commercial Saddle Threshold

- Commonly Used With Offset Hung Doors

new

This 4-3/4" (120.7 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in two finishes and three lengths. For Fabricated Threshold for offset pivot doors, see below.



ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH250A36	TH250D36	36" (914 mm)
TH250A42	TH250D42	42" (1067 mm)
TH250A72	TH250D72	72" (1829 mm)

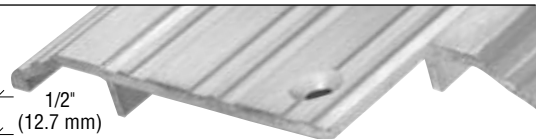
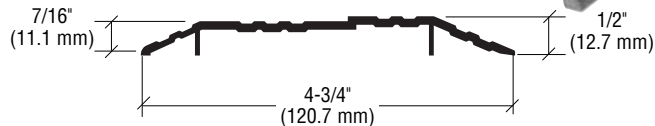
Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.

CRL 4-3/4" Fabricated Thresholds

- For Offset Pivot Door With Surface Mounted Closer
- Mill Finish

new

Single and Double Door 4-3/4" (120.7 mm) Aluminum Thresholds are fabricated to work with our stock offset pivot doors. They are available in three styles. Custom styles and sizes can be special ordered.



MILL CAT. NO.	DESCRIPTION	LENGTH
TP21299L036	Single Door Left Hand Threshold	36" (914 mm)
TP21299R036	Single Door Right Hand Threshold	36" (914 mm)
TP222990072	Double Doors Threshold	72" (1829 mm)
TP222990A72	Double Doors 3 Pt. Lock Threshold	72" (1829 mm)

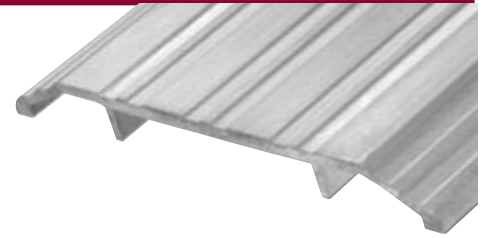
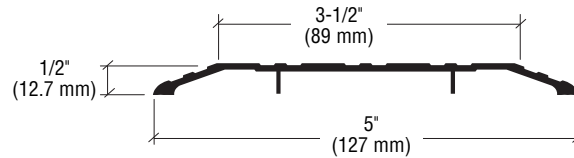
Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.

CRL THRESHOLDS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 5" Commercial Saddle Threshold

- Generally Used With 4-1/2" Wide Storefront Tubing



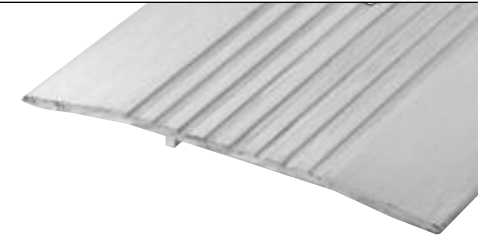
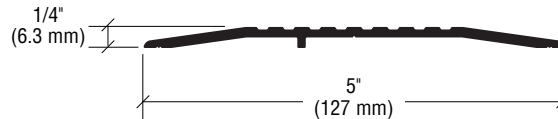
This 5" (127 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH015A36	TH015D36	36-1/2" (927 mm)
TH015A72	TH015D72	73" (1854 mm)
TH015A185	TH015D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

CRL 5" Commercial Saddle Threshold

- Generally Used With 4-1/2" Wide Storefront Tubing



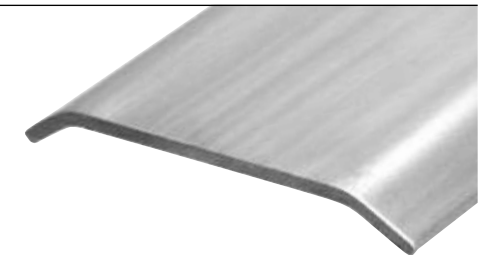
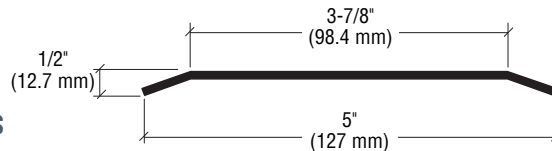
This 5" (127 mm) wide x 1/4" (6.3 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
48A36	48D36	36-1/2" (927 mm)
48A72	48D72	73" (1854 mm)
48A185	48D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

CRL 5" Stainless Steel Saddle Threshold

- Stainless Steel for Corrosive Environments



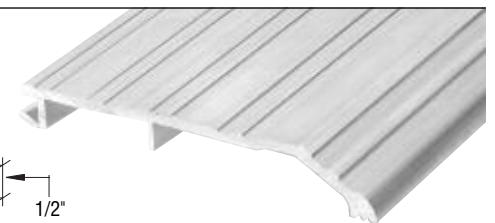
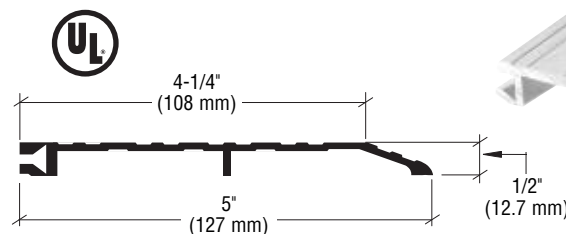
CRL Stainless Steel Saddle Thresholds are brake-press formed, solid #304 alloy stainless steel, not stainless steel "clad". Supplied with stainless steel screws for easy installation, they are especially useful in environments where corrosive agents or saltwater is affecting door hardware.

CAT. NO.	LENGTH
TH075SS36	36-1/2" (927 mm)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.

CRL 5" Offset Saddle Threshold

- Fire Rated
- Barrier Free
- Smoke Tested
- UL Listed



These CRL Offset Saddle Aluminum Thresholds are extruded using 6063 and 6493 aluminum alloys. This Threshold meets ANSI/BHMA Standards, and is access compliant, fire rated, and UL Listed. Furnished with screws for installation.

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
255A36	255D36	36-1/2" (927 mm)
255A72	255D72	73" (1854 mm)
255A185	255D185	185" (4.7 m)*

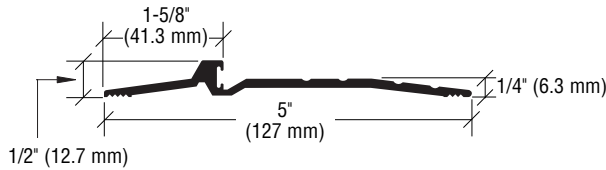
Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

CRL THRESHOLDS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 5" Panic Type Threshold

- Commonly Used With 5" Wide Storefront Tubing
- Bulb Seal Included



new



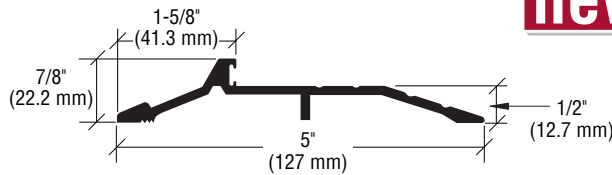
This 5" (127 mm) wide x 1/4" (6.3 mm) high Aluminum Threshold comes in three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	LENGTH
46VA36	36-1/2" (927 mm)
46VA72	73" (1854 mm)
46VA185	185" (4.7 m)*

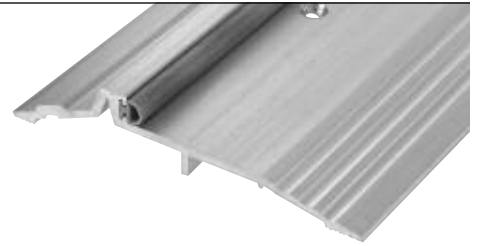
Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

CRL 5" Panic Type Threshold

- Commonly Used With Surface Applied Vertical Rod Exit Device
- Bulb Seal Included



new



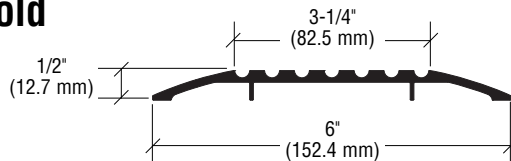
This 5" (127 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	LENGTH
47VA36	36-1/2" (927 mm)
47VA72	73" (1854 mm)
47VA185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

CRL 6" Commercial Saddle Threshold

- Available in Three Lengths and Two Finishes



new



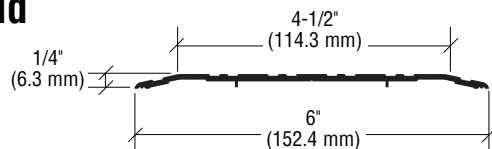
This 6" (152.4 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
42A36	42D36	36-1/2" (927 mm)
42A72	42D72	73" (1854 mm)
42A185	42D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.

CRL 6" Commercial Saddle Threshold

- Available in Three Lengths and Two Finishes



new



This 6" (152.4 mm) wide x 1/4" (6.3 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
49A36	49D36	36-1/2" (927 mm)
49A72	49D72	73" (1854 mm)
49A185	49D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.

CRL 6" Ramp Threshold

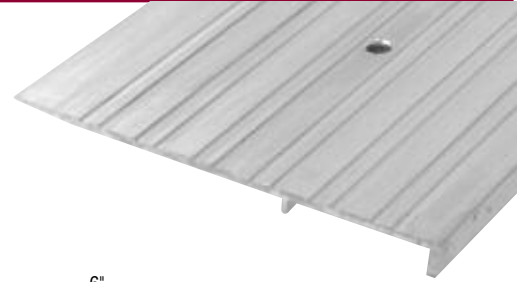
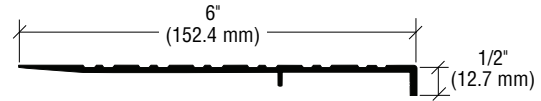
new

- Generally Used to Meet With Irregular Floor Surfaces

This 6" (152.4 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	LENGTH
88A36	36-1/2" (927 mm)
88A72	73" (1854 mm)
88A185	185" (4.7 m)*

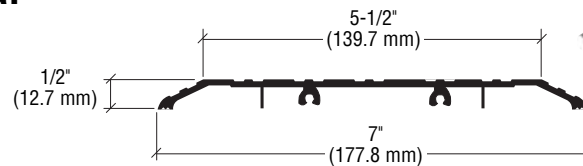
Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.



CRL 7" Commercial Saddle Threshold

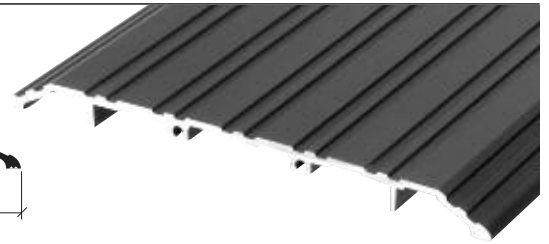
- Typically Used in Applications Using Heavy-Duty Floor Closers

This 7" (177.8 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.



ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH017A36	TH017D36	36-1/2" (927 mm)
TH017A72	TH017D72	73" (1854 mm)
TH017A185	TH017D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.

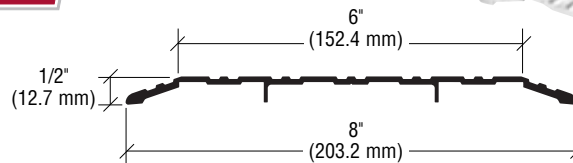


CRL 8" Commercial Saddle Threshold

new

- Available in Three Lengths and Two Finishes

This 8" (203.2 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.



ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
491A36	491D36	36-1/2" (927 mm)
491A72	491D72	73" (1854 mm)
491A185	491D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.

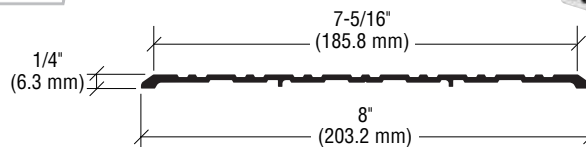


CRL 8" Commercial Saddle Threshold

new

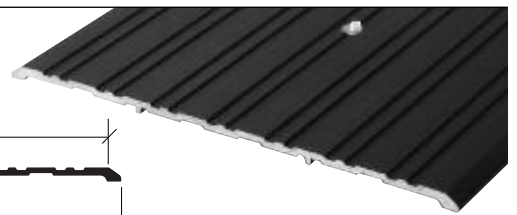
- Available in Three Lengths and Two Finishes

This 8" (203.2 mm) wide x 1/4" (6.3 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.



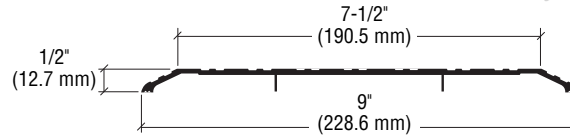
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
492A36	492D36	36-1/2" (927 mm)
492A72	492D72	73" (1854 mm)
492A185	492D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.



CRL 9" Commercial Saddle Threshold

- **Best Threshold in Applications Where PA110 Series Panics or Bottom Engaging Deadbolt Handles Are Used**



This 9" (228.6 mm) wide x 1/2" (12.7 mm) high Aluminum Threshold comes in two finishes and three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH019A36	TH019D36	36-1/2" (927 mm)
TH019A72	TH019D72	73" (1854 mm)
TH019A185	TH019D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.

CRL PVC Barrier Strip

CRL PVC Barrier Strip protects the aluminum threshold from moisture absorbed through the stucco finish of the exterior wall. 96" (2.4 m) Barrier Strip measures 4-3/8" (111.1 mm) wide, and must cover area in contact with stucco wall to provide protection to the aluminum. For Thresholds wider than 4" (101.6 mm) you can lay two Barrier Strips side-by-side to provide adequate protection.



CAT. NO.	LENGTH	FINISH
THBS8	96" (2.4 m)	Black

Minimum order: 1 each.

CRL Custom Commercial Saddle Thresholds and Floor Closer Cover Plates



CRL custom fabricates Saddle Thresholds and Floor Closer Cover Plates. For information contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can send e-mail through the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

CRL Threshold Installation Equipment and Supplies

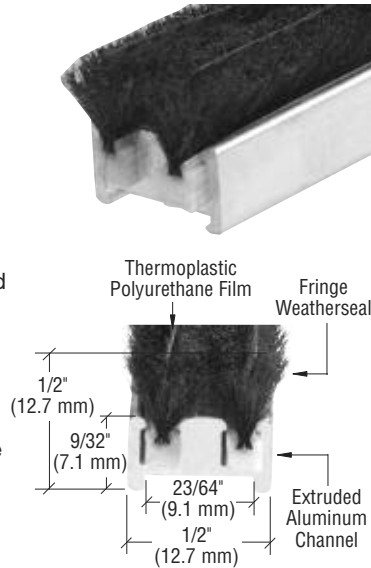


CRL offers a complete selection of installation equipment and supplies for Saddle Thresholds. Please visit our web site at crlaurence.com.

CRL Narrow Commercial Door Astragal With Weathership

- Extruded Aluminum Channel Weatherstrip
- Retrofits Kawneer® Astragals

The CRL Narrow Commercial Door Astragal installs with just a screwdriver and the pre-punched spring tensioners assure fast, easy adjustment to the mating surface. It is similar to, and will retrofit, Kawneer® astragals with a center channel width of 1/2" (12.7 mm) or more. **NOTE:** There are six spring clips included with each Astragal. If additional clips are needed order our Cat. No. R011GCL1P.

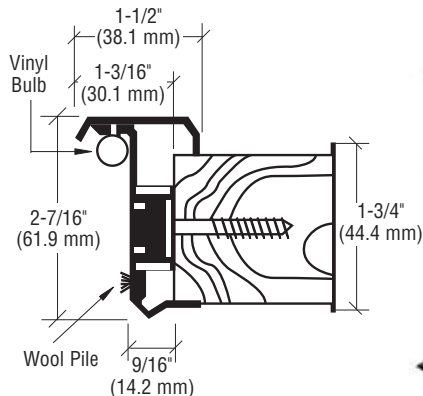


CAT. NO.	FINISH	LENGTH
R011G83L	Mill Aluminum	84" (2133 mm)
R011G96L	Mill Aluminum	96" (2438 mm)
R011GCL1P	---	Spring Clip

Minimum order: 1 each.

CRL Combination Astragal and Flush Bolt Assembly

- For 1-3/4" (44.4 mm) Doors
- Positive Latch Flush Bolts



This CRL Combination Astragal and Flush Bolt Assembly is installed on the inactive leaf of a pair of 1-3/4" (44.4 mm) thick doors. The top and bottom flush bolts, with 1" (25.4 mm) throw, offer secure locking, and the Astragal helps prevent attempts to "jimmy" the lock. The assembly also includes the dual-seal of a vinyl bulb and wool pile weatherstrip to provide moisture and wind protection. A strike is supplied, or you may use the strike supplied with your lockset. It comes complete with detailed installation instructions and all necessary hardware.

CAT. NO.	FINISH	LENGTH
WS059AV80	Satin Anodized	80" (2032 mm)
WS059DV80	Dark Bronze Anodized	80" (2032 mm)
WS059WV80	White	80" (2032 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

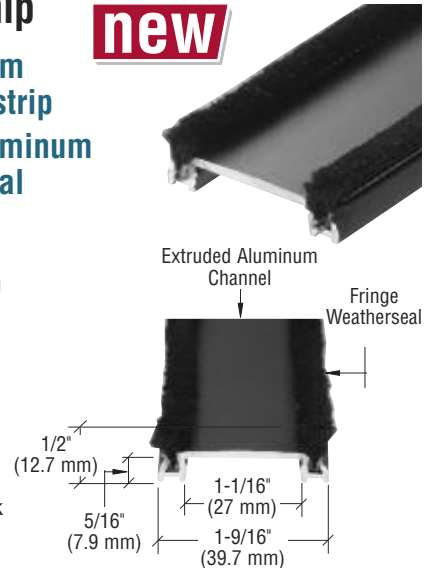
Kawneer is a registered trademark of Alcoa Inc., and its subsidiaries and affiliates.

CRL Wide Commercial Door Astragal With Weathership

new

- Extruded Aluminum Channel Weatherstrip
- Retrofits U.S. Aluminum Adjustable Astragal

This CRL Adjustable Astragal is now available for replacement of meeting Stile Astragals found on existing pairs of U.S. Aluminum doors. The Adjustable Astragal comes spring loaded with weatherseal on two sides for optimum air resistance. **NOTE:** Preparation for lock cut-out required.

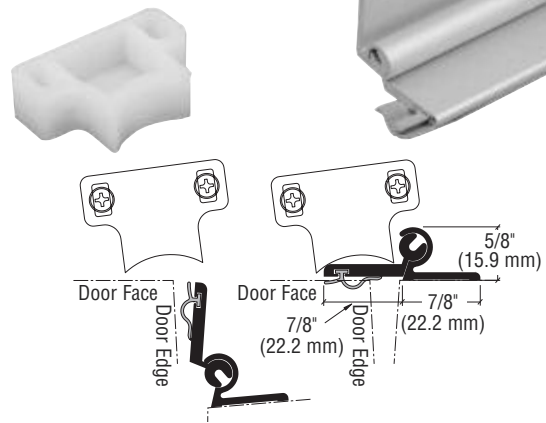


CAT. NO.	FINISH	LENGTH
HP35711	Clear Anodized	84" (2133 mm)
HP35722	Bronze Anodized	84" (2133 mm)

Minimum order: 1 each.

CRL Automatic Security Astragal

- Non-Handed and Field-Sizeable
- Two Anodized Finishes



This CRL Automatic Security Astragal is a simple, yet effective weatherstrip for paired doors. It quickly and quietly moves out of the way when the door is opened. The header-mounted cam guides the astragal strip back into its overlapping position automatically when either door is closed without requiring a coordinator. When closed, the Astragal forms an effective weatherseal that is wind, dust, and insect resistant. It also provides door security and does not show from exterior. No cutting or other modifications need to be made to the doors prior to installation. It's reversible, and can be used on any new or existing pair of outswinging doors.

CAT. NO.	FINISH	LENGTH
37896A	Clear Anodized	96" (2438 mm)
37896DU	Bronze Anodized	96" (2438 mm)

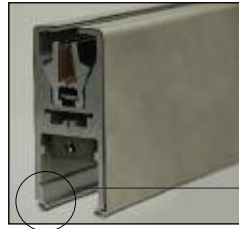
Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Pile Weatherstrip for Door Rails

- Specially Designed to Help Reduce Air and Water Infiltration
- Fits All CRL Door Rails
- Available in Two Finishes

To help reduce the infiltration of air and water we offer CRL Pile Weatherstrips for Door Rails. Pile Weatherstrips attach without modifications to the specially designed recess on the inside of the Door Rail using the Very Hi-Bond Tape that is already attached to each piece.

Our Door Rails are designed specifically to receive the Pile Weatherstrips in a way that will not obstruct the standard hardware used in the Door Rails. You can order them to fit stock Door Rails, or in 144" (3.66 m) stock lengths that can be cut to fit custom door rails.



CAT. NO.	TYPE	FINISH	UNIT
DRWSAS	Single Door Rail	Satin Anodized	Set of 2
DRWDUS	Single Door Rail	Black Bronze Anodized	Set of 2
DRWSA144	*Stock Length	Satin Anodized	144" (3.66 m)
DRWDU144	*Stock Length	Black Bronze Anodized	144" (3.66 m)

Minimum order: 1 set or stock length. Finishes can be combined for quantity pricing. Packing Charge added to orders of fewer than 5 combined lengths of DRWSA144 and DRWDU144. *Stock lengths must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Weatherstrip Kits for Heavy Glass Doors With 4" Door Rails

- Low Profile Maximizes 'All-Glass' Look
- Reduces Drafts Without Detracting From Appearance of Door
- Clear Polycarbonate or Metal Channel for 1/2" (12 mm) Thick Glass



CRL Weatherstrip Kits for 'all-glass' doors are available to fit doors using our 4" Tapered or Square Door Rails. The Kit includes a 98" (2.49 m) length of either Clear Polycarbonate or polished finish Aluminum Extrusions with 106" (2.69 m) of Wool Pile Weatherstrip, plus a top and bottom Split End Cap with a Center Weatherstrip Receptacle Bar. All Weatherstrip Kits are easy to install using our Transparent Very Hi-Bond Tape (see page 654W).

IMPORTANT NOTE: The door glass width will need to be reduced by 1/4" (6 mm) on each side that the Weatherstrip Kits are to be installed on.



Full Length Wool Pile Weatherstrip

CLEAR POLYCARBONATE 4" TAPERED RAILS CAT. NO.	CLEAR POLYCARBONATE 4" SQUARE RAILS CAT. NO.	ALUMINUM 4" TAPERED RAILS CAT. NO.	ALUMINUM 4" SQUARE RAILS CAT. NO.	FINISH
CTW12PS	CSW12PS	MTW12PS	MSW12PS	Polished Stainless
CTW12PB	CSW12PB	MTW12PB	MSW12PB	Polished Brass
CTW12BS	CSW12BS	MTW12BS	MSW12BS	Brushed Stainless
CTW12DU	CSW12DU	-----	-----	Black Bronze Anodized
CTW12SA	CSW12SA	-----	-----	Satin Anodized

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.



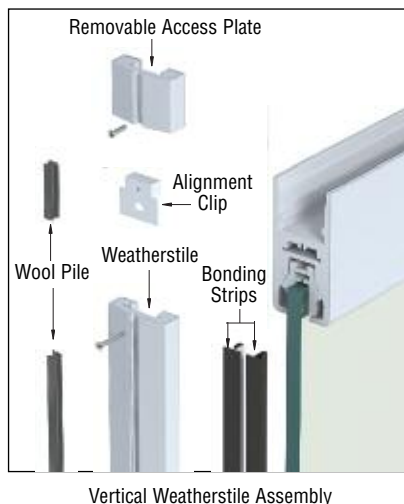
CRL Vertical Weatherstile Kits

- Kits for 1/2" (12 mm) or 3/4" (19 mm) Tempered Glass Doors
- Reduces Drafts and Protects the Edge of the Glass
- Five Architectural Finishes

CRL Vertical Weatherstile Kits have been redesigned for use with newly fabricated single or double doors with either 1/2" (12 mm) or 3/4" (19 mm) tempered glass.

These narrow stiles not only reduce drafts, but they also protect the edge of the glass with minimal disruption of the 'all-glass' look. Five architectural finishes are available to match the adjacent metal finish of most any commercial door.

Installation is accomplished with internal Bonding Strips that attach to the glass with Very Hi-Bond Tape for a secure and accurate fit every time. This replaces the traditional glue-on weatherstile that would need time for adhesive to set prior to installation.



NOTE: CRL Vertical Weatherstiles are intended only for use on newly fabricated doors being installed into a new or existing opening. They cannot be used on existing doors with pre-installed door rails.



- Works With CRL DRS Wedge-Lock™ 4", 6", and 10" (102, 152, and 254 mm) Door Rails Only

CRL Vertical Weatherstile Kits include two 117" (2.97 m) lengths of Weatherstile with Wool Pile Weatherstrip, one 120" (3.05 m) black EPDM Filler Strip (for double door applications), four 117" (2.97 m) lengths of Bonding Strips with Very Hi-Bond Tape, four 1-1/2" (38 mm) tall Weatherstripped Removable Access Plates with Alignment Clips, and installation instructions. Custom lengths up to 117" (2.97 m) are available on special order.

KITS FOR 1/2" (12 MM) GLASS

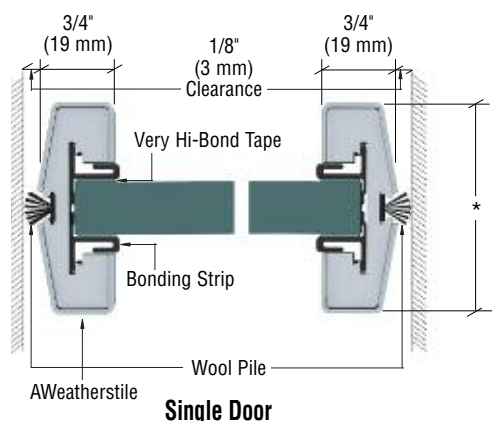
CAT. NO.	CLADDED FINISH
W12SAS	Satin Anodized
W12DUS	Black Bronze Anodized
W12BSS	Brushed Stainless
W12PSS	Polished Stainless
W12PBS	Polished Brass

Minimum order: 1 set. Finishes can be combined for quantity pricing. All Weatherstiles have a clad finish.

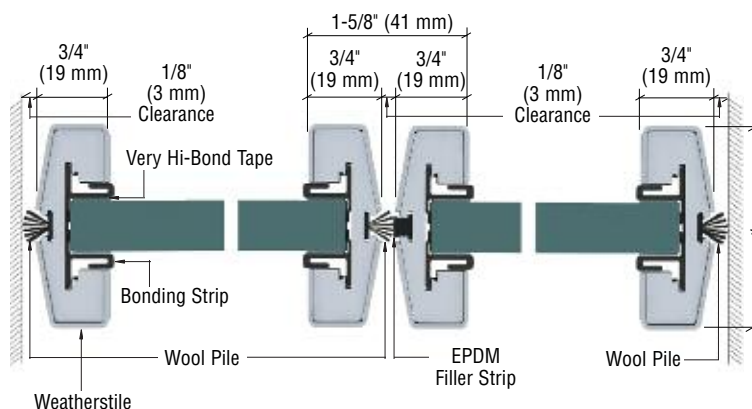
KITS FOR 3/4" (19 MM) GLASS

CAT. NO.	CLADDED FINISH
W34SAS	Satin Anodized
W34DUS	Black Bronze Anodized
W34BSS	Brushed Stainless
W34PSS	Polished Stainless
W34PBS	Polished Brass

Minimum order: 1 set. Finishes can be combined for quantity pricing. All Weatherstiles have a clad finish.



Single Door



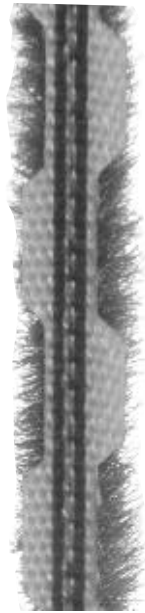
Double Door

* Overall width is 2" (51 mm) for 1/2" (12 mm) glass; 2-1/4" (57 mm) for 3/4" (19 mm) glass.

CRL Zipper Pile Weatherstrip

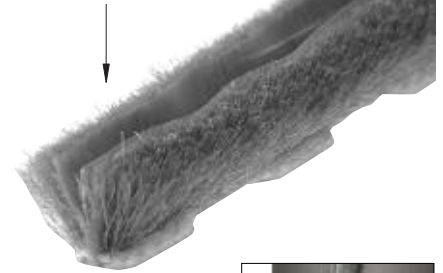
- Replaces Old or Worn-Out Pile Weatherstripping in Doors and Windows
- New Zipper Tooth Design Allows Pile to Easily Snap in From Above the Extrusion Slot
- High Density Gray Pile With Double Center Fin

CRL Zipper Pile Weatherstrip is a full density, high performance, water-resistant pile woven to a unique zipper tooth design polypropylene backing. The new zipper tooth design allows the pile to easily snap into the extrusion slot from above rather than having to slide the pile in from the ends. Whether it's being used in manufacturing or retrofitted, the application is much easier and faster. It even works if the slot is slightly off size. Zipper Pile can be used to retrofit aluminum, vinyl, fiberglass or wood T-slots without the need to take the complete window or door sash apart. The double center fin provides a true weather seal, compared to other piles without a fin suited for vibration reduction and pest control only.



Zipper Tooth Backing Design

Solid Barrier "Double" Center Fin



new

Typical installation in door stile



EASY INSTALLATION



New Pile is easy to install



Remove old Pile from frame



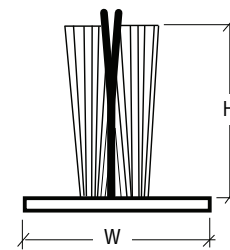
Press new Zipper Pile into groove with finger



Cut to length with knife or scissors

100 FT. ROLL CAT. NO.	BACKING WIDTH (W)	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
Z78137C	.187" (4.7 mm)	.160" (4 mm)	Z78148B	3,000' (914.4 m)
Z78159C	.187" (4.7 mm)	.200" (5.1 mm)	Z78161B	1,100' (335.3 m)
Z78172C	.187" (4.7 mm)	.250" (6.3 mm)	Z78183B	900' (274.3 m)
Z78194C	.187" (4.7 mm)	.300" (7.6 mm)	Z78205B	700' (213.4 m)
Z78216C	.187" (4.7 mm)	.350" (8.9 mm)	Z78227B	600' (182.9 m)
Z78238C	.187" (4.7 mm)	.400" (10.2 mm)	Z78249B	500' (152.4 m)
Z78251C	.187" (4.7 mm)	.450" (11.4 mm)	Z78262B	400' (121.9 m)
Z78273C	.270" (6.8 mm)	.200" (5.1 mm)	Z78284B	800' (243.8 m)
Z78295C	.270" (6.8 mm)	.250" (6.3 mm)	Z78306B	600' (182.9 m)
Z78317C	.270" (6.8 mm)	.300" (7.6 mm)	Z78328B	400' (121.9 m)
Z78339C	.270" (6.8 mm)	.350" (8.9 mm)	Z78349B	400' (121.9 m)
Z78352C	.270" (6.8 mm)	.400" (10.2 mm)	Z78363B	300' (91.4 m)
Z78374C	.270" (6.8 mm)	.450" (11.4 mm)	Z78385B	300' (91.4 m)
Z78396C	.360" (9.1 mm)	.350" (8.9 mm)	Z78407B	300' (91.4 m)
Z78418C	.360" (9.1 mm)	.450" (11.4 mm)	Z78429B	300' (91.4 m)
Z78431C	.430" (10.9 mm)	.350" (8.9 mm)	Z78442B	300' (91.4 m)
Z78453C	.430" (10.9 mm)	.450" (11.4 mm)	Z78464B	300' (91.4 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

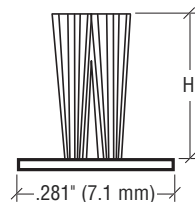
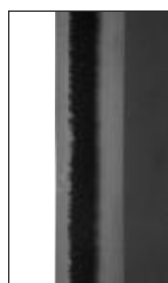


Comes in handy 100 foot rolls as well as cost-saving bulk rolls.

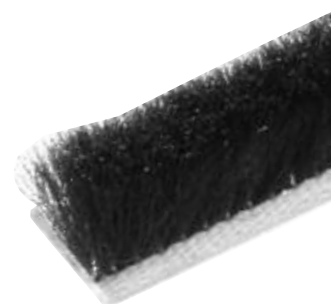
CRL Storefront Door Pile Weatherstrip

- **Energy Saver – Reduces Heat and Air Conditioning Loss Around Storefront Doors**
- **Effectively Seals Without Affecting the Operation of the Door**
- **Used on U.S. Aluminum Doors**

This CRL Storefront Door Pile Weatherstrip is made of water-repellent pile woven onto a polypropylene backing strip, which inserts easily into the pile channel of commercial doors. Pile Weatherstrip helps keep heated or cooled air from escaping around the door's frame, thus reducing energy loss. It will not affect the normal operation of the door. The black color will match the finish of most commercial doors.



new



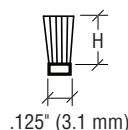
100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
W125C	.250" (6.3 mm)	W125B	2000' (609.6 m)
W188C	.313" (7.9 mm)	W188B	1800' (548.6 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

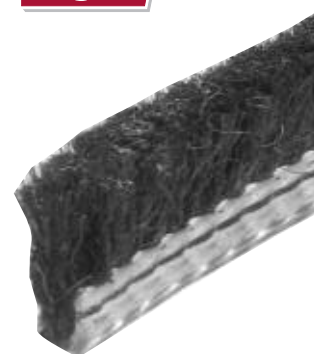
CRL Adjustable Astragal Replacement Pile Weatherstrip

- **Designed to Replace Worn Weatherstrip Pile on Adjustable Astragals**
- **Weatherstrip Minimizes Air, Water, and Dust From Infiltrating Between Pairs of Doors**
- **Resists Mold, Mildew, and Corrosion**
- **Used on U.S. Aluminum Doors**

This CRL Pile Weatherstrip maximizes the energy efficient qualities of fiber pile by adding a dual barrier. The weatherstrip minimizes air, dust, and insects from infiltrating the center of doors that use our Adjustable Astragal. The polypropylene black fiber pile resists mold, mildew, and corrosion, and has exceptional resistance to abrasion. It is silicone treated to repel water, and stabilized against ultraviolet and ozone. This Weatherstrip is installed by simply sliding it into the pile channel of the existing CRL Adjustable Astragal.



new



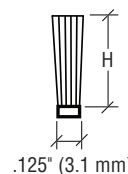
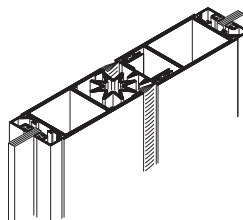
100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
W510C	.375" (9.5 mm)	W510B	2000' (609.6 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

CRL Vanguard Security Astragal Replacement Pile Weatherstrip

- **Stops Air, Water, and Dust From Infiltrating the Joint Between Pairs of Doors**
- **Designed to Replace Worn Pile Weatherstrips on U.S. Aluminum Doors With Vanguard Security Astragals**
- **Resists Mold, Mildew, and Corrosion**

This CRL Pile Weatherstrip is installed by simply sliding it into the pile channel of the existing U.S. Aluminum Vanguard Security Astragal frame. The polypropylene black fiber pile resists mold, mildew, and corrosion, and has exceptional resistance to abrasion. It is silicone treated to repel water, and stabilized against ultraviolet and ozone. The backing strip is polypropylene and lasts longer than plastic weatherseals.



new



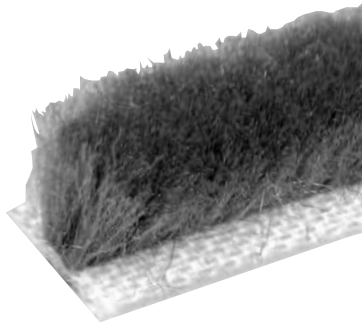
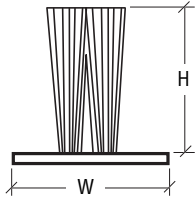
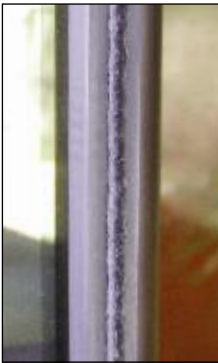
100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
W562C	.625" (15.9 mm)	W562B	1500' (457.2 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

CRL Storefront Door Pile Weatherstrip

- Energy Saver – Reduces Heat and Air Conditioning Loss Around Storefront Doors
- Effectively Seals Without Affecting the Operation of the Door

This CRL Storefront Door Pile Weatherstrip is made of water-repellent pile woven onto a polypropylene backing strip, which inserts easily into the pile channel of commercial doors. Pile weatherstrip helps keep heated or cooled air from escaping around the door's frame, thus reducing energy loss. It will not affect the normal operation of the door. The medium gray color will match the finish of most commercial doors. Available in 100 foot (30.5 m) or 300 foot (91.4 m) rolls.



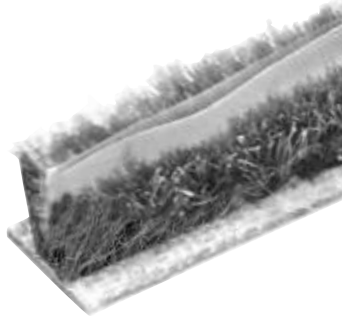
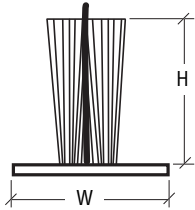
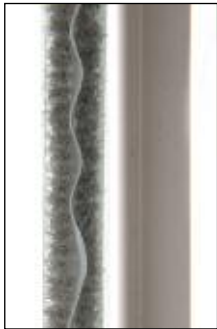
100 FT. ROLL CAT. NO.	300 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BACKING WIDTH (W)
A11535C	A11535B	.350" (8.9 mm)	.350" (8.9 mm)
A11545C	A11545B	.450" (11.4 mm)	.350" (8.9 mm)
A11635C	A11635B	.350" (8.9 mm)	.437" (11.1 mm)
A11645C	A11645B	.450" (11.4 mm)	.437" (11.1 mm)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Windo-Pile for quantity pricing.

CRL Finned Weatherstrip

- Unique Center Fin Stops Air, Water, and Dust From Infiltrating Joints Around Windows and Doors
- Made to Replace Most Existing Pile Weatherstrips
- Resists Mold, Mildew, and Corrosion

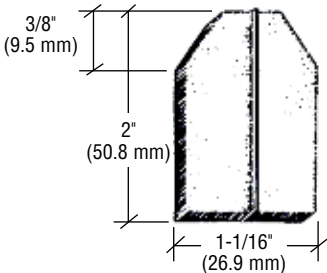
This CRL Finned Weatherstrip maximizes the energy efficient qualities of fiber pile by adding a patented, solid barrier fin. The center fin stops air, water, dust, and insects from infiltrating cracks around windows and doors that use pile weatherstripping. The polypropylene gray fiber pile resists mold, mildew, and corrosion, and has exceptional resistance to abrasion. It is silicone treated to repel water, and stabilized against ultraviolet and ozone. The backing strip is polypropylene and lasts longer than plastic weatherseals. CRL Finned Weatherstrip will replace approximately 90% of the existing storm window pile weatherstrips made, and is installed by simply snapping it into the pile channel of the existing frame.



CAT. NO.	PILE HEIGHT (H)	BACK WIDTH (W)	ROLL LENGTH
FS7716C	.160" (4 mm)	.187" (4.7 mm)	100' (30.5 m)
FS77163M	.160" (4 mm)	.187" (4.7 mm)	3000' (914.4 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Windo-Pile for quantity pricing.

CRL Door Jamb Dust Pads



- Adhesive Backing Allows Press-On Installation
- Seals Door Corners

These CRL Door Jamb Dust Pads are made of woven pile on a polypropylene fin with a pressure-sensitive adhesive backing. The Pad is applied to the door jamb above the rubber threshold, which helps seal the door corners against dirt and dust. 10 pads per package.

CAT. NO.	COLOR	QTY/PKG
PDP1W	White	10
PDP1BL	Black	10

Minimum order: 10 each of one color. Must be ordered in increments of 10. Colors can be combined for quantity pricing.

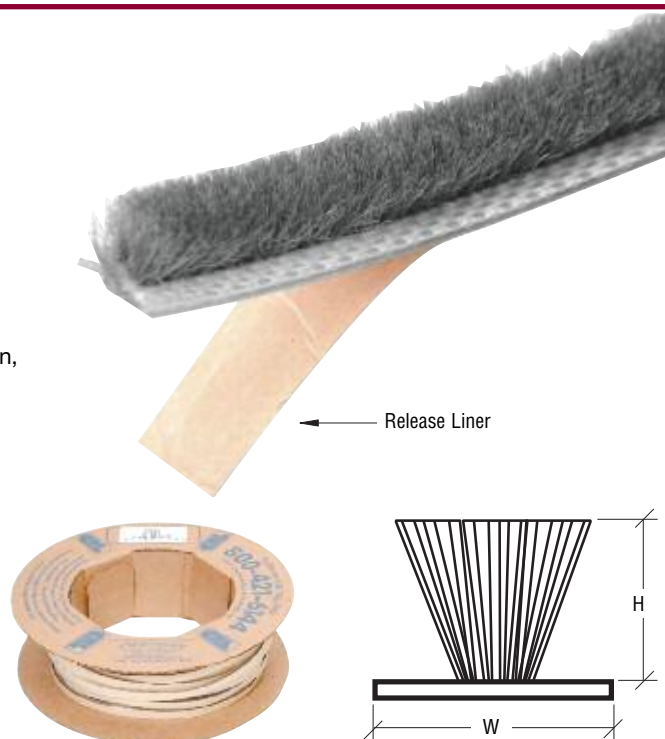
CRL Adhesive-Backed Windo-Pile

- Reduces Heat and Energy Loss Around Windows and Doors
- Adhesive Backing Allows Press-On Installation
- Seals Effectively Without Affecting Operation

This CRL Adhesive-Backed Windo-Pile is a water-resistant pile woven with silicone treated polypropylene fibers to resist mold, corrosion, abrasion, and is stabilized against ultraviolet and ozone. The fibers are attached to a polypropylene backing that lasts longer than plastic weatherseals, and has a pressure-sensitive adhesive with a release liner. Especially good for applications on irregular surfaces, helping the weatherstrip conform to surface contours. Helps conserve energy by keeping windows and doors sealed. The color of the pile is light gray.



Effectively seals double hung and horizontal sliding windows. Simply press Windo-Pile into the window sash channels. Doesn't interfere with normal window operation.

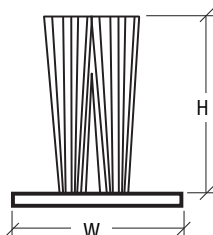


CAT. NO.	PILE HEIGHT (H)	BACK WIDTH (W)	ROLL LENGTH
A1875C	.200" (5.1 mm)	.187" (4.7 mm)	100' (30.5 m)
A1875B	.200" (5.1 mm)	.187" (4.7 mm)	1100' (335.5 m)
A71320C	.200" (5.1 mm)	.270" (6.8 mm)	100' (30.5 m)
A71320B	.200" (5.1 mm)	.270" (6.8 mm)	700' (213.3 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Windo-Pile for quantity pricing.

CRL Windo-Pile

- Replaces Old or Worn-Out Pile Weatherstripping in Doors or Windows
- Water-Resistant Woven Pile is Unaffected by Adverse Weather
- Quick and Simple Installation
- Available in Two Pile Densities: Medium and High



MEDIUM DENSITY WINDO-PILE BACK WIDTH .187" (4.7 MM)

100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
A11320C	.200" (5.1 mm)	A11320B	1100' (335.3 m)
A11325C	.250" (6.3 mm)	A11325B	900' (274.3 m)
A11330C	.300" (7.6 mm)	A11330B	700' (213.4 m)
A11335C	.350" (8.9 mm)	A11335B	600' (182.9 m)

HIGH DENSITY WINDO-PILE BACK WIDTH .270" (6.8 MM)

100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
A11420C	.200" (5.1 mm)	A11420B	800' (243.8 m)
A11425C	.250" (6.3 mm)	A11425B	600' (182.9 m)
A11430C	.300" (7.6 mm)	A11430B	400' (121.9 m)
A11435C	.350" (8.9 mm)	A11435B	400' (121.9 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Windo-Pile for quantity pricing.

CRL Windo-Pile is specifically made to meet the needs of anyone looking for quality replacement pile weatherstripping. A water-resistant pile woven to a polypropylene backing, with a choice of medium and high densities, it can replace approximately 90% of the worn-out or corroded pile in use in existing windows and doors. It installs easily, and seals effectively. It also can be used in the fabrication of new storm windows. The pile is a light gray color.

CRL Translucent Bulb Seal

- Two Sizes Available, With or Without Very Hi-Bond Acrylic Tape Pre-Applied



CRL Translucent Vinyl Bulb Seals can be used on inswing or outswing doors. SDTB closes gaps from 5/32" to 7/32" (4 to 5.6 mm); SDTJ closes gaps from 1/8" to 5/32" (3.2 to 4 mm). Available with or without Very Hi-Bond Acrylic Tape pre-applied. For additional information on Tapes, see below.

W/O TAPE CAT. NO.	WITH TAPE CAT. NO.	MAX. GAP	LENGTH
SDTJ	SDTJT2	5/32" (4 mm)	98" (2.49 m)
SDTB	SDTBT2	7/32" (5.6 mm)	98" (2.49 m)

Minimum order: 5 each. Must be ordered in increments of 5. Packing Charge added to orders of fewer than 10 lengths.

CRL Clear Polycarbonate Wipe With Pile Weatherstrip

- Eliminates Drafts Between Doors



This CRL Clear Polycarbonate with Pile Weatherstrip prevents drafts from entering between glass doors. Simply snap over the edge of 1/2" (12 mm) glass. No tools required to install. Recommended clearance is 5/16" to 3/8" (8 to 10 mm). Stock lengths measure 98" (2.49 m) and can be shipped U.P.S.

CAT. NO.	LENGTH
CW12	98" (2.49 m)

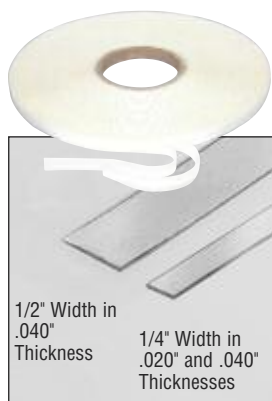
Minimum order: 1 each.

CRL Transparent Acrylic Very Hi-Bond Adhesive Tape

- Gains Full Strength Over a 72 Hour Period
- Available in Two Widths

CRL Very Hi-Bond Transparent Double-Sided Acrylic Tape is used to attach Pile Weatherstrips to the Door Rail. This Tape possesses a uniform high-tack acrylic adhesive on both surfaces, and will bond to most clean, dry, oil-free substrates. It is non-staining after aged contact, has a solid composition for clean cutting, and is flexible, moldable and compressible, so it can conform to intricate shapes.

Used to replace mechanical fasteners and welds, and wherever a waterproof bond in a wide range of temperature conditions exists.



1/2" Width in .040" Thickness
1/4" Width in .020" and .040" Thicknesses

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH
AT02014	1/4" (6 mm)	.020" (.51 mm)	216' (66 m)
AT0201436	1/4" (6 mm)	.020" (.51 mm)	36' (11 m)
AT04014	1/4" (6 mm)	.040" (1.02 mm)	108' (33 m)
AT0401436	1/4" (6 mm)	.040" (1.02 mm)	36' (11 m)
AT04012	1/2" (12 mm)	.040" (1.02 mm)	108' (33 m)
AT0401236	1/2" (12 mm)	.040" (1.02 mm)	36' (11 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Translucent Acrylic Very Hi-Bond Adhesive Tape

- Instant Pressure Sensitive Bonding for Weatherstrips and Seals



- Available in Four Widths

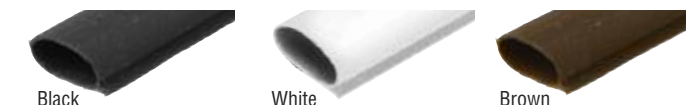
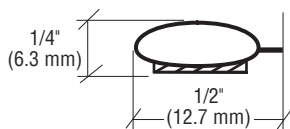
Ideal for the installation of Bulb Seals and Pile Weatherstrips, our Translucent Acrylic Double-Sided Very Hi-Bond Adhesive Tape is designed for a variety of applications including window grids, furniture, appliances, auto trim attachment, signs, graphics, construction uses to replace mechanical fasteners and welds, and whenever a waterproof bond in a wide range of temperature conditions exists.

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH
AT04512	1/2" (12 mm)	.045" (1.2 mm)	108' (33 m)
AT04534	3/4" (19 mm)	.045" (1.2 mm)	108' (33 m)
AT0451	1" (25 mm)	.045" (1.2 mm)	108' (33 m)
AT0452	2" (51 mm)	.045" (1.2 mm)	108' (33 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Self-Adhesive Weatherstrip

- Made of Santoprene® in Three Colors
- Available in 17, 100, and 500 Foot Rolls



Applied to a Door Jamb



Compresses When Door is Closed

CRL Self-Adhesive Weatherstrip is designed to be applied to the "stop" perimeter of a frame to prevent energy loss, reduce noise and dust infiltration. It will not crack or craze in cold or heat. Self-adhesive application makes installation easy and requires only scissors or a utility knife to cut to size. Tested in accordance with ASTM E-283 and listed by Warnock Hersey for use on labeled openings up to 90 minutes.

PACKAGED WEATHERSTRIP

100 FOOT (30.5 M) CAT. NO.	17 FOOT (5.2 M) CAT. NO.	COLOR
SW250BLC	SW250BL17	Black
SW250WC	SW250W17	White
SW250BRC	SW250BR17	Brown

Minimum order: 1 roll. All Self-Adhesive Weatherstrip can be combined for quantity pricing.

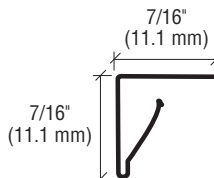
BULK WEATHERSTRIP

CAT. NO.	ROLL LENGTH	COLOR
SW250BLB	500' (152.4 m)	Black
SW250WB	500' (152.4 m)	White
SW250BRB	500' (152.4 m)	Brown

Minimum order: 1 roll. All Self-Adhesive Weatherstrip can be combined for quantity pricing.

CRL Polyflex Weatherstrip

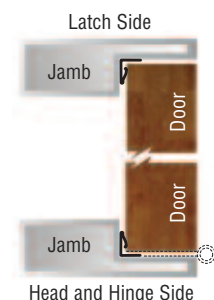
- Reduces Air Infiltration
- Adhesive Backed for Fast Installation
- Works With Wood and Metal Door Frames



Black



White



Head and Hinge Side



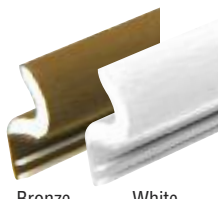
CRL Polyflex Weatherstrip can act as a wipe or compression seal to eliminate water leaks, and virtually stop air infiltration around doors. The copolymer material won't absorb water, corrode, rot, shrink, stiffen or crack, even at temperatures as low as -25°F (-32°C). With Polyflex Weatherstrip there is no need to remove old metal weatherstripping, just cut to size with scissors and press in place. It fits into the right angle formed by the door jamb and stop, so it's hidden from sight when the door is closed. Packaged in sets of three each 84" (2133 mm) pieces to fit most door openings.

CAT. NO.	COLOR
PF114BL	Black
PF114W	White

Minimum order: 1 set. Colors can be combined for quantity pricing.

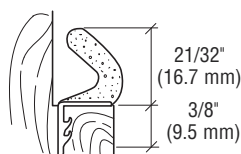
CRL Foam-Tite® Weatherseal

- For Wood or Metal Kerf Doors
- High Durability



Bronze

White



CRL Foam-Tite® Weatherseal is a compression seal for kerf-fitted wood or metal doors and French Style doors. It efficiently restricts air, light, water, and sound infiltration. Its closed cell foam profile remains flexible through thousands of compressions, while the embossed vinyl surface provides easy breakaway and ensures long life. The rigid dual-locking barbs fit standard 1/8" x 3/8" (3.2 x 9.5 mm) kerfs, insert easily, and hold securely without slipping.

CAT. NO.	COLOR	LENGTH
FT81B	Bronze	84" (2133 mm)
FT81W	White	84" (2133 mm)

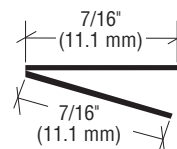
Minimum order: 10 each per color. Colors can be combined for quantity pricing.

Santoprene is a registered trademark of Exxon Mobil Corporation.

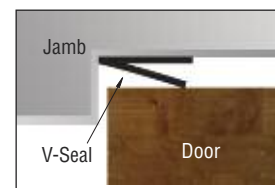
Foam-Tite is a registered trademark of Amesbury Group, Inc.

CRL V-Seal Weatherstrip Tape

- Self-Adhesive Tape Seals Gaps Up to 3/8" (9.5 mm)



CRL V-Seal is a flexible, compressible weatherstrip which seals against air, dust, and sound infiltration on swinging doors. It remains flexible in all types of weather. Simply cut to length, peel off the backing paper to expose the adhesive, and apply to jamb stop.



CAT. NO.	COLOR	ROLL LENGTH
P39C180	Clear	180' (54.9 m)

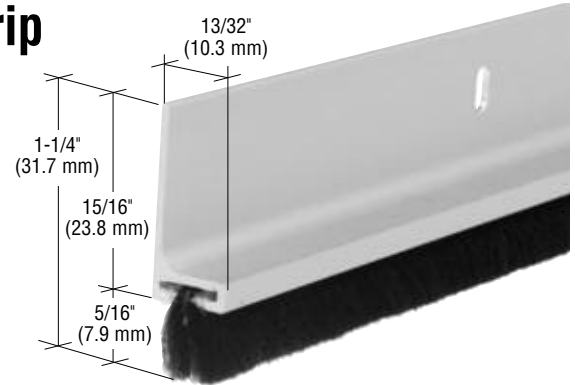
Minimum order: 1 roll.

CRL Finned Door Sweep and Weatherstrip

- Incorporates Advanced Finned Technology
- Keeps Out Air, Water, Dust, and Insects
- Silicone Treated Pile Won't Rot, Shrink or Absorb Water
- Helps Reduce Noise Infiltration

CRL Finned Door Sweep and Weatherstrip stops air, water, dust, and insects from entering. It combines advanced energy saving finned technology with a strip of anodized aluminum to create the most energy cost reducing product of its kind. The 5/16" (7.9 mm) high silicone treated pile will not shrink, rot or absorb water, and its low friction sealing action allows for minimum drag during opening or closing.

Finned Door Sweeps positively stop water and air leakage without marking the lightest carpets or floors. Installs on exterior or interior bottom of door with screws in pre-punched slots to allow for clearance adjustment. Also can be installed around doors on top and side jamb stops, where air infiltration is a particular problem.



Door Bottom Installation

Door Jamb Installation



CAT. NO.	FINISH	LENGTH
FS77A	Satin Anodized	12' (3.66 m)
FS77BRZ	Medium Bronze Painted	12' (3.66 m)

Minimum order: 1 each. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Extruded Aluminum and Nylon Brush Door Sweep

- Flexible Bristles in a Choice of Three Lengths Allow a Seal on Even or Uneven Surfaces

new

This CRL Extruded Aluminum and Nylon Brush Door Sweep is designed to be applied to the "stop" perimeter of a frame to prevent energy loss and reduce noise infiltration. This Weatherstrip uses thousands of flexible bristles allowing a seal on uneven and even surfaces. Bristles are available in 11/32" (8.7 mm), 5/8" (15.9 mm), and 3/4" (19 mm) lengths. Supplied with screws for easy installation.

11/32" BRISTLE CAT. NO.	5/8" BRISTLE CAT. NO.	3/4" BRISTLE CAT. NO.	FINISH	LENGTH
WS257AV72	WS377AV72	WS497AV72	Aluminum	72" (1829 mm)
WS257DV72	WS377DV72	WS497DV72	Dark Bronze Anodized	72" (1829 mm)
WS257AV96	WS377AV96	WS497AV96	Aluminum	96" (2438 mm)
WS257DV96	WS377DV96	WS497DV96	Dark Bronze Anodized	96" (2438 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



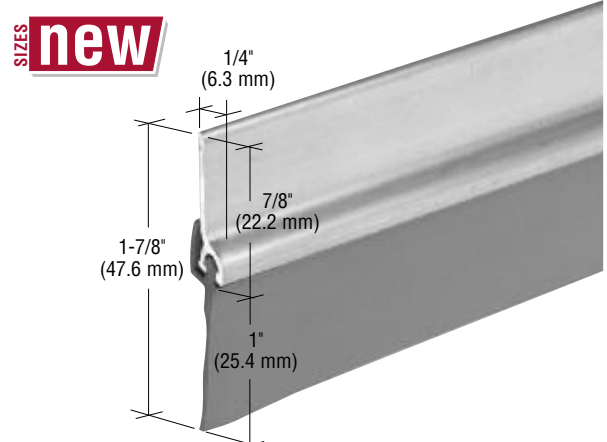
CRL Aluminum and Vinyl Door Sweep

- Extruded Aluminum With 1" (25.4 mm) Vinyl Sweep
- Available in Two Finishes and Two Sizes

This CRL Aluminum and Vinyl Door Sweep is designed to prevent dust, moisture, and wind from entering between the base of the door and the threshold. They are sized for 36" (914 mm) or 48" (1219 mm) openings. Sweep is supplied with screws for easy installation.

CAT. NO.	FINISH	LENGTH
DB005AV36	Aluminum	36-1/2" (927 mm)
DB005DV36	Dark Bronze Anodized	36-1/2" (927 mm)
DB005AV48	Aluminum	48" (1219 mm)
DB005DV48	Dark Bronze Anodized	48" (1219 mm)

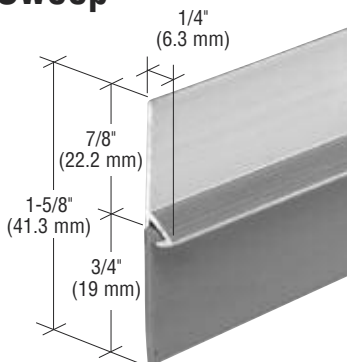
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



CRL Aluminum Door Sweep

• Universal Design in Three Popular Finishes

These CRL Aluminum Door Sweeps offer the most weatherstrip for the money. A full 1-5/8" (41.3 mm) height fills even the largest under-door gaps, and the 36" (914 mm) length fits most standard doors. The Sweep is constructed of sturdy extruded aluminum with a locked-in flexible vinyl wipe. Slotted holes allow easy adjustment.



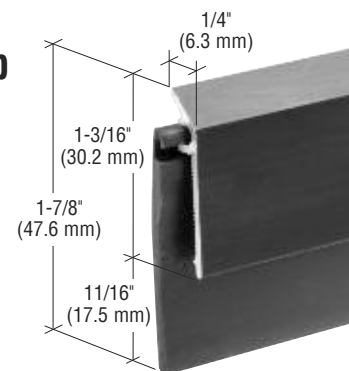
CAT. NO.	FINISH	LENGTH
DS37A	Aluminum	36" (914 mm)
DS37BRW	Dark Bronze Anodized	36" (914 mm)
DS37W	White	36" (914 mm)

Minimum order: 10 each of one finish. Finishes can be combined for quantity pricing.

CRL Aluminum and Rubber Door Sweep

• Stiff EPDM Rubber Sweep

This CRL Aluminum and Rubber Door Sweep is designed to prevent dust, moisture, and wind from entering between the base of the door and the threshold. Supplied with screws for easy installation.



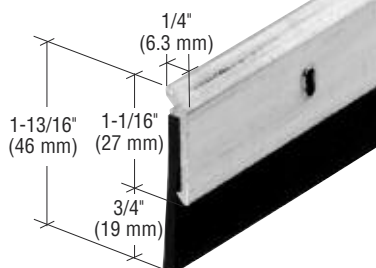
CAT. NO.	FINISH	LENGTH
DB062AV36	Aluminum	36-1/2" (927 mm)
DB062DV36	Dark Bronze Anodized	36-1/2" (927 mm)
DB062AV48	Aluminum	48" (1219 mm)
DB062DV48	Dark Bronze Anodized	48" (1219 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Aluminum and Neoprene Door Sweep

• 60 Durometer Neoprene Sweep

This CRL Aluminum Door Sweep has a stiff neoprene black sweep to create a good seal with the door sill or threshold. Pre-drilled with mounting screws included.



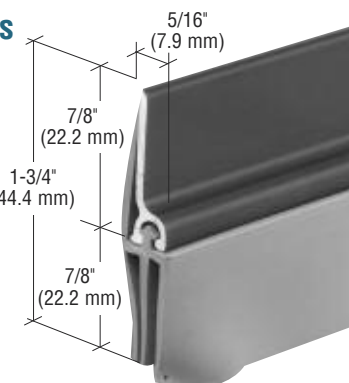
CAT. NO.	FINISH	LENGTH
33N1A36	Aluminum	36" (914 mm)
33N1D36	Dark Bronze Anodized	36" (914 mm)
33N1A48	Aluminum	48" (1219 mm)
33N1D48	Dark Bronze Anodized	48" (1219 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Triple Fin Vinyl Door Sweep

• Triple Fin Design Gives Added Protection

This CRL Triple Fin Vinyl Door Sweep is designed to prevent dust, moisture, and wind from entering between the base of the door and the threshold. The triple fin design gives added protection against drafts and moisture. Supplied with screws for easy installation.



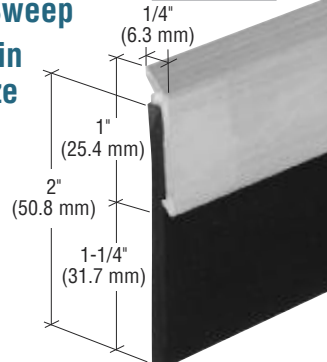
CAT. NO.	FINISH	LENGTH
DB041AV36	Aluminum	36-1/2" (927 mm)
DB041DV36	Dark Bronze Anodized	36-1/2" (927 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Heavy-Duty Door Sweep

• 60 Durometer Neoprene Sweep • Available in Two Lengths in Aluminum and Dark Bronze Anodized Finishes

This CRL Heavy-Duty Door Sweep is most commonly used on the exterior bottom of out-swing doors and is surface applied. It may also be used for different applications including meeting stile gasketing. Pre-drilled with mounting screws included.



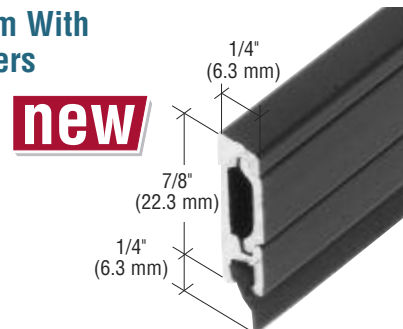
CAT. NO.	FINISH	LENGTH
33N2A36	Aluminum	36" (914 mm)
33N2D36	Dark Bronze Anodized	36" (914 mm)
33N2A48	Aluminum	48" (1219 mm)
33N2D48	Dark Bronze Anodized	48" (1219 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Aluminum Entrance Door Sweep

• Extruded Aluminum With Concealed Fasteners

This CRL Aluminum Entrance Door Sweep is designed with an extruded aluminum slide cover that conceals the fasteners and provides clean lines. The Sweep is pre-slotted and supplied with screws for easy installation.

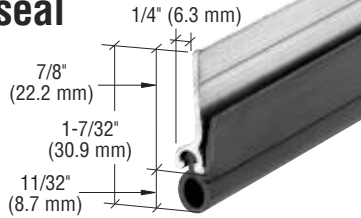


CAT. NO.	FINISH	LENGTH
BW03611	Clear Anodized	36" (914 mm)
BW03622	Dark Bronze Anodized	36" (914 mm)
BW04211	Clear Anodized	42" (1067 mm)
BW04222	Dark Bronze Anodized	42" (1067 mm)
BW04811	Clear Anodized	48" (1219 mm)
BW04822	Dark Bronze Anodized	48" (1219 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Extruded Aluminum and Vinyl Bulb Weatherseal

- Extruded Aluminum With Jamb-Applied Vinyl Bulb



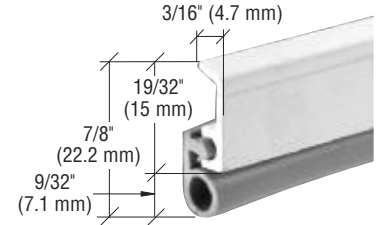
This CRL Extruded Aluminum and Vinyl Bulb Weatherseal is designed to be applied to the "stop" perimeter of the door frame to prevent energy loss and reduce noise infiltration. It is sold in a set of three pieces to fit standard single and double door openings, and is supplied with screws for easy installation.

CAT. NO.	FINISH	SIZE
WS003AV196	Aluminum	36" x 80" (914 x 2032 mm)
WS003DV196	Dark Bronze Anodized	36" x 80" (914 x 2032 mm)
WS003AV232	Aluminum	72" x 80" (1829 x 2032 mm)
WS003DV232	Dark Bronze Anodized	72" x 80" (1829 x 2032 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Vinyl Bulb Seal Door Jamb Weatherstrip

- High Quality Durable Extruded Aluminum With Locked-In Tubular Vinyl Seal



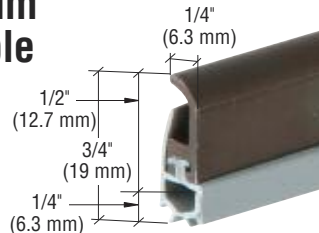
This CRL Vinyl Bulb Seal Door Jamb Weatherstrip set works effectively on either wood or metal doors in keeping the heat in and drafts and dust out. This long lasting gray Weatherstrip is unaffected by weather and requires no maintenance. Each set contains three pieces to fit a standard single door opening. Installation screws are provided.

CAT. NO.	FINISH	SIZE
DW950A	Aluminum	36" x 84" (914 x 2133 mm)
DW950W	White	36" x 84" (914 x 2133 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Extruded Aluminum Weatherseal With Triple Finger Vinyl

- Fits Single and Double Openings



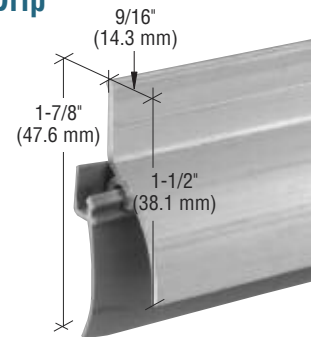
This CRL Triple Finger Vinyl Weatherseal is designed to be applied to the "stop" perimeter of the door frame to prevent energy loss and reduce noise infiltration. It is sold in a set of three pieces to fit standard single and double door openings. Supplied with screws for easy installation. It may be trimmed for a perfect fit.

CAT. NO.	FINISH	SIZE
WS167AV196	Aluminum	36" x 80" (914 x 2032 mm)
WS167DV196	Dark Bronze Anodized	36" x 80" (914 x 2032 mm)
WS167AV232	Aluminum	72" x 80" (1829 x 2032 mm)
WS167DV232	Dark Bronze Anodized	72" x 80" (1829 x 2032 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Combination Door Sweep

- Extruded Aluminum Rain Drip and Vinyl Door Sweep



The CRL Combination Door Sweep has a "rain drip" feature which deflects rain away from the base of the door, as well as preventing dust, moisture, and wind from entering between the base of the door and the threshold. Supplied with screws for easy installation.

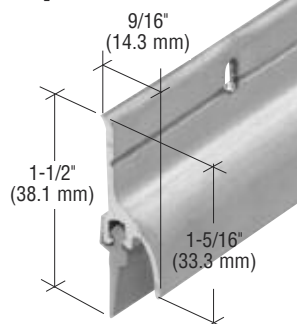
CAT. NO.	FINISH	LENGTH
DB037AV36	Aluminum	36-1/2" (927 mm)
DB037DV36	Dark Bronze Anodized	36-1/2" (927 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Rain Drip Door Sweep

- Seals Against Drafts and Deflects Rain

The CRL Rain Drip Door Sweep deflects rain away from the base of the door, as well as preventing dust, moisture, and wind from entering between the base of the door and the threshold. Supplied with screws for easy installation.



CAT. NO.	FINISH	LENGTH
152VA36	Aluminum	36" (914 mm)
152VD36	Dark Bronze Anodized	36" (914 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.



**OVER 60,000
PRODUCTS
AT YOUR
FINGERTIPS,
INSTANTLY,
AND AT
ANY TIME**

The C.R. Laurence Online Catalog is the most comprehensive source of Glazing, Screen, Architectural, Railing, Construction, Industrial, and Automotive Supplies. Access any product online and find related items, technical information, quantity in stock, pricing, and even place an order. crlaurence.com is the fastest way to get what you need to get the job done.

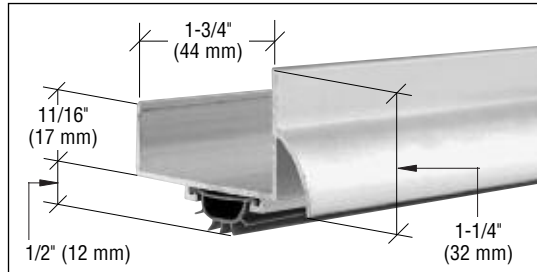
CRL "U" Shape Door Bottoms

new

- For 1-3/4" (44.4 mm) Doors
- "Drip Cap" Diverts Rain From the Door
- Vinyl Seal Keeps Out Weather

This CRL "U" Shaped Door Bottom features an aluminum "drip cap" that diverts rain away from the door. It can be used with saddle thresholds and includes a vinyl insert for weather sealing.

Models with 1/2" (12.7 mm) wide full notch fabrication are available in order to prevent interference with door stops and weatherstrips. Slots are drilled for the supplied #6 x 1/2" pan head screws.



CAT. NO.	FINISH	LENGTH	WITH FULL NOTCH
17VRA32	Aluminum	31-3/4" (806 mm)	NO
17VRD32	Dark Bronze Anodized	31-3/4" (806 mm)	NO
17VRA36	Aluminum	35-3/4" (908 mm)	NO
17VRD36	Dark Bronze Anodized	35-3/4" (908 mm)	NO
17VRFNA36	Aluminum	35-3/4" (908 mm)	YES
17VRFND36	Dark Bronze Anodized	35-3/4" (908 mm)	YES
17VRA48	Aluminum	47-3/4" (1213 mm)	NO
17VRD48	Dark Bronze Anodized	47-3/4" (1213 mm)	NO

Minimum order: 1 each. Finishes can be combined for quantity pricing.

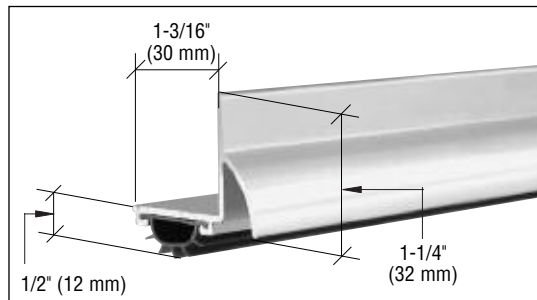
CRL "L" Shape Door Bottoms

new

- Built-In Rain Drip
- Installs Without Door Removal
- Available With Full Notch

Our CRL "L" Shaped Door Bottom features slotted holes for easy adjustment. The durable vinyl seal compresses as the door is closed to seal off the outside elements.

Models with 1/2" (12.7 mm) wide full notch fabrication are available in order to prevent interference with door stops and weatherstrips. Slots are drilled for the supplied #6 x 1/2" pan head screws.



CAT. NO.	FINISH	LENGTH	WITH FULL NOTCH
18VRA36	Aluminum	35-3/4" (908 mm)	NO
18VRD36	Dark Bronze Anodized	35-3/4" (908 mm)	NO
18VRFNA36	Aluminum	35-3/4" (908 mm)	YES
18VRFND36	Dark Bronze Anodized	35-3/4" (908 mm)	YES
18VRA48	Aluminum	47-3/4" (1213 mm)	NO
18VRD48	Dark Bronze Anodized	47-3/4" (1213 mm)	NO

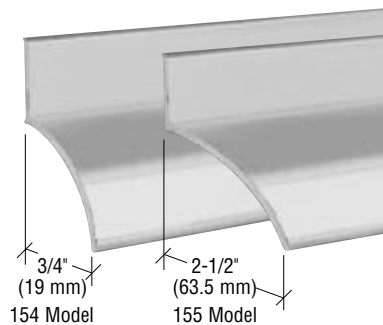
Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Door Rain Drips

new

- Easy to Install Weather Protection

CRL Door Rain Drips can also be used as weatherstrip rain drips for mounting on frame at top of door. Slots are drilled for the supplied #6 x 1/2" pan head screws.



CAT. NO.	FINISH	LENGTH
154A36	Aluminum	36" (914 mm)
154D36	Dark Bronze Anodized	36" (914 mm)
155A36	Aluminum	36" (914 mm)
155D36	Dark Bronze Anodized	36" (914 mm)
155A72	Aluminum	72" (1829 mm)
155D72	Dark Bronze Anodized	72" (1829 mm)

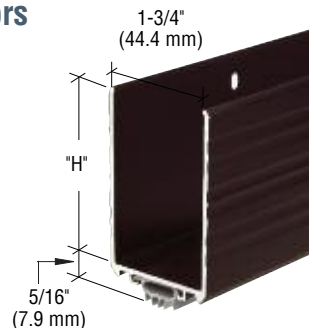
Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing.

CRL Wrap Around Door Shoe With Vinyl Weatherstrip

new

- For 1-3/4" (44.4 mm) Doors
- Two Heights Available

Designed for doors that have been undercut too much, or where you must reduce the height of the threshold. The door does not have to be removed for installation. Vinyl fingers on the bottom insert compress against the threshold to ensure a water and air tight seal. Screws are included for easy installation.



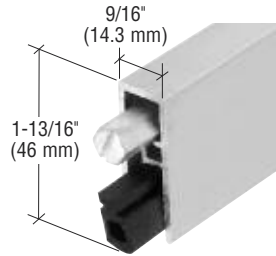
CAT. NO.	FINISH	HEIGHT "H"	LENGTH
22VRA36	Aluminum	1" (25.4 mm)	36" (914 mm)
22VRD36	Dark Bronze Anodized	1" (25.4 mm)	36" (914 mm)
DB054AV36	Aluminum	3" (76.2 mm)	36-1/2" (927 mm)
DB054DV36	Dark Bronze Anodized	3" (76.2 mm)	36-1/2" (927 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Commercial Medium-Duty Surface Mount Automatic Door Bottom

- Field Reversible

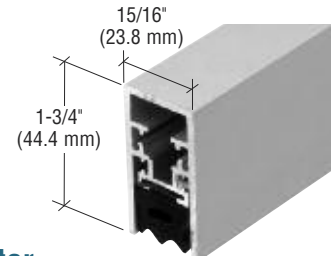
This CRL Commercial Medium-Duty Automatic Door Bottom is mechanically actuated. An internal carrier bar with a vinyl insert drops from a concealed cavity to form a tight seal between the base of the door and the threshold. It is ideal for use where carpeted interiors require the door bottom to retract when the door is opened. Supplied with a frame "actuator" protector plate, the door bottom is field reversible for either "hand" of door.



CRL Commercial Heavy-Duty Surface Mount Automatic Door Bottom

- Field Reversible
- Can Be Trimmed 2" Shorter

This CRL Commercial Heavy-Duty Automatic, Surface Mount, Door Bottom is mechanically actuated. An internal carrier bar with a vinyl insert drops from a concealed cavity to form a tight seal between the base of the door and the threshold. It is ideal for use where carpeted interiors require the door bottom to retract when the door is opened. Supplied with a frame "actuator" protector plate, the door bottom is field reversible for either "hand" of door.



CAT. NO.	FINISH	LENGTH
DB035CV36	Aluminum	36" (914 mm)
DB035DV36	Dark Bronze Anodized	36" (914 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

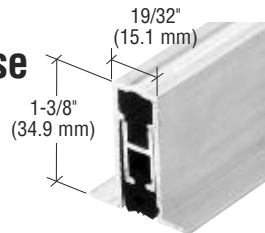
CAT. NO.	FINISH	LENGTH
75NGA36	Aluminum	36" (914 mm)

Minimum order: 1 each.

CRL Commercial Medium-Duty Full Mortise Automatic Door Bottom

- Low Closing Force
- Full Mortise Installation

This CRL Medium-Duty Automatic Door Bottom is mechanically actuated. An internal carrier bar with a vinyl insert drops from a concealed cavity to form a tight seal between the base of the door and the threshold. It is ideal for use where carpeted interiors require the door bottom to retract when the door is opened. Supplied with a frame "actuator" protector plate, the door bottom is field reversible for either "hand" of door.



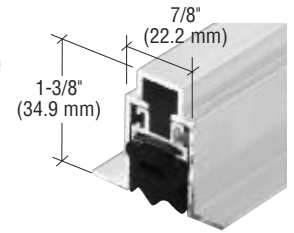
CAT. NO.	FINISH	LENGTH
72NGA36	Aluminum	36" (914 mm)

Minimum order: 1 each.

CRL Commercial Heavy-Duty Full Mortise Automatic Door Bottom

- Seals Bottom of Door
- Full Mortise Installation

This CRL Commercial Heavy-Duty Automatic Door Bottom is designed to be mortised into the bottom of the door and is mechanically actuated. An internal carrier bar with a vinyl insert drops from a concealed cavity to form a tight seal between the base of the door and the threshold. This is an ideal bottom weather seal for use where carpeted interiors require the door bottom to retract upward when the door is opened. Supplied with a frame "actuator" protector plate, the door bottom is field reversible for either "hand" of door.



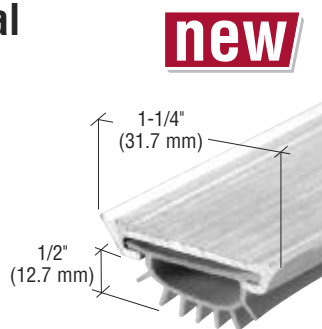
CAT. NO.	FINISH	LENGTH
76NGA36	Aluminum	36" (914 mm)

Minimum order: 1 each.

CRL Door Bottom Seal

- Slotted Holes for Easy Adjustment

This CRL Door Bottom Seal features a thermo-plastic elastomer seal for exceptional cold weather protection and stays flexible between -70°F (-57°C) and +250°F (121°C) temperatures. Stainless steel fasteners are provided.



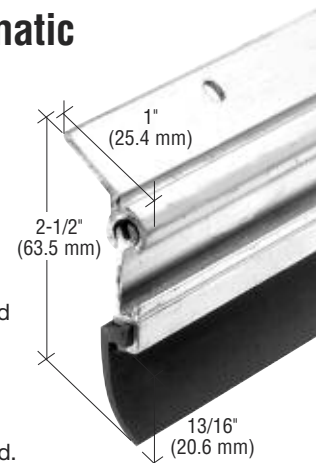
CAT. NO.	FINISH	LENGTH
25VRA32	Aluminum	32" (813 mm)
25VRD32	Dark Bronze Anodized	32" (813 mm)
25VRA36	Aluminum	36" (914 mm)
25VRD36	Dark Bronze Anodized	36" (914 mm)
25VRA48	Aluminum	48" (1219 mm)
25VRD48	Dark Bronze Anodized	48" (1219 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Residential Automatic Door Sweep

- Spring-Loaded

This spring-loaded Door Bottom Sweep retracts up and away from the face of the door when opened. When the door is closed, the supplied cam lowers the Sweep. The gap at the door base and threshold is now sealed to prevent dust, moisture, and drafts from entering. Ideal for use where carpeted interiors require the Door Sweep to lift "up and away" from the carpet. Installation screws are included.



CAT. NO.	FINISH	LENGTH
DB019AV36	Aluminum	36-1/2" (927 mm)

Minimum order: 1 each.

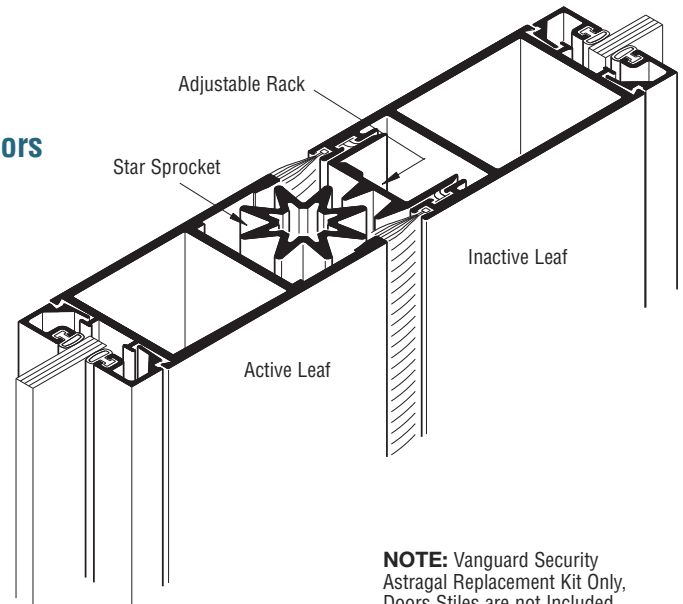
CRL Vanguard Security Astragal Replacement Kit



- A Must Stock Item for Door Maintenance Companies
- For All U.S. Aluminum Doors With Existing Vanguard Security Hardware
- Star Sprocket for Active Leaf and Adjustable Rack for Inactive Leaf Complete With Mounting Hardware
- Accommodates Narrow, Medium, and Wide Stile Doors
- Star Sprocket in Black Anodize Finish
- Patent No. 3,959,927

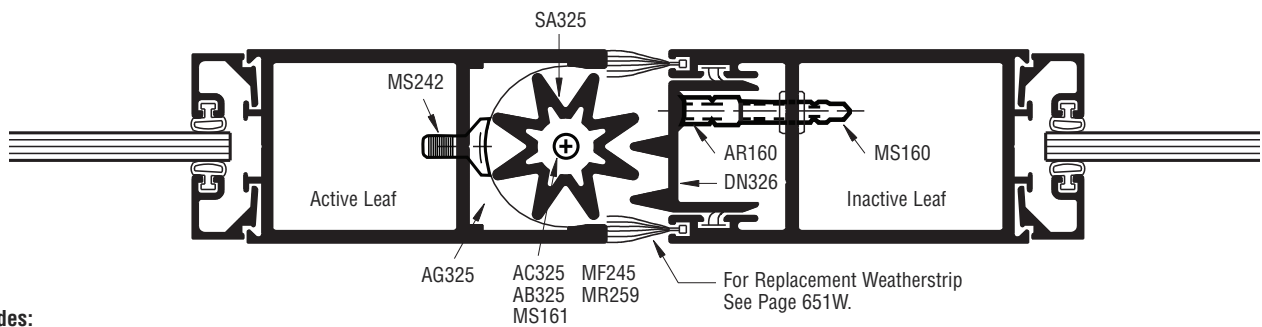
Customers have asked for it, and now it's here! The CRL Vanguard Security Astragal Replacement Kit. The Kit allows companies to service existing U.S. Aluminum Entrance Doors equipped with Vanguard Security Astragals without having to remove or replace the doors. Included in the Kit is everything required to replace the entire Vanguard Security Astragal. Both the aluminum Star Sprocket and Adjustable Rack are supplied in 10 foot (3.05 m) stock lengths and can be simply cut to size in the field.

NOTE: CRL Vanguard Security Astragal Replacement Kits are for replacement of existing Vanguard Security Astragal on U.S. Aluminum Doors only. They are not intended for retrofit or new installations, as they affect the overall size of the door frames. Minimum order is one each. Must ship common carrier.



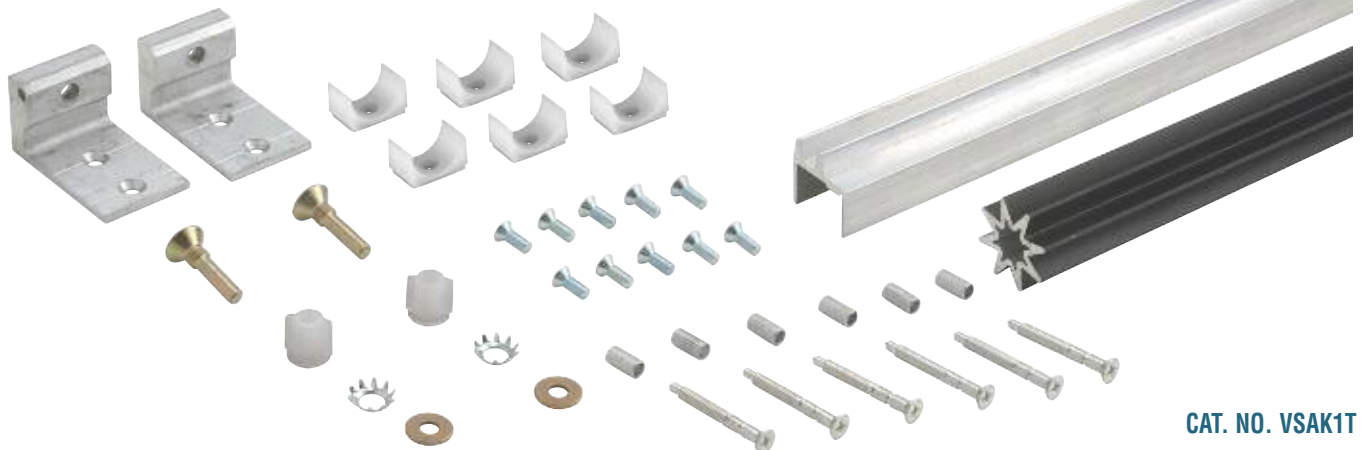
NOTE: Vanguard Security Astragal Replacement Kit Only, Doors Stiles are not Included.

Meeting Stiles



Kit Includes:

- | | | |
|---------------------------------------|---------------------------------|---|
| (1) SA325 Star Sprocket | (2) AC325 Sprocket Bracket | (2) MF259 5/16" Star Washer |
| (1) DN326 Adjustable Rack | (2) AB325 Sprocket Bushing | (6) AG325 Sprocket Guide |
| (6) AR160 .250 x 112" Aluminum Tubing | (2) MS161 Sprocket Pivot | (10) MS242 #10 x 1/2" Type F PH, FH Screw |
| (6) MS160 Rack Adjusting Screw | (2) MF245 .250 Oil Lite Bushing | |



CAT. NO. VSAK1T

What's the Right Door Closer for the Job?

When selecting a door closer, the first consideration should be if the closer is intended to replace an existing one, or if it is for a new installation. If it is a replacement door closer, what is your customer asking you to provide? An exact match that meets all the specifications and dimensions of the existing closer, or are you expected to upgrade the existing closer with one that will meet their current needs?

It is important to note the existing door closer's physical size, brand or markings (if available), mounting hole dimensions and spring size. You should note the type of door and its physical dimensions as well. Also, how will this closer be mounted? Are all of the necessary accessory items, such as drop plates, door arms or special brackets usable, or will they need to be replaced?

Popular types of door closers are Surface Mounted, Overhead Concealed, and Floor Mounted. Surface Mounted Closers are the most common and least expensive to install. They are readily available, and take very little time and effort to mount. They are easily replaced, and provide a wide variety of features and options that are sometimes not found on other types of closers. Overhead Concealed Closers mounted in the header are commonly used with storefront applications using aluminum frames and doors. They offer a non-obtrusive, economical means of controlling a door without the expense and corrosion factors associated with Floor Mounted Closers, which are the most expensive to install, and are often subject to premature failure due to corrosion. However, Floor Mounted Closers must be considered when dealing with heavy doors or high foot traffic. They provide the most efficient mechanical means of controlling a door, and are able to sustain the most abuse.

Once the proper closer type has been selected, there are some important decisions that need to be made regarding the spring size, grade, and desired options and features. Is the door located on the outside or inside? What type of locking device will be used? What type of weather seals and internal building pressures will the closer need to overcome to close the door? The wider and heavier the door, the larger the spring size required to control the door. Remember it is called a door "closer", so therefore you are attempting to control and close the door, yet allow for a reasonable force required to open the door. Closers are rated by spring size, commonly expressed as Size 1, 2, 3 and up through Size 6. Most closers are of a fixed single size that cannot be altered, and are made to be used for a specific range of door sizes. Today, more and more closers are being manufactured to allow the spring size to be adjusted to the precise opening and closing force required to control the door under varying conditions, and cover a wide range of door sizes and applications. These adjustable closers allow you the best opportunity to meet your customers needs.

Always remember that a Door Closer should never be used as a doorstop. An auxiliary doorstop is always recommended when a positive stop is required to prevent the door from opening beyond a specified point. Regardless of which door closer is selected, take the time to review the instructions and learn the proper procedure to install and adjust it.



Surface Mounted



Overhead Concealed



Floor Mounted

General Door Closer Terminology

Action - Defines the ability of the door closer to swing one way (Single Action) or both ways (Double Action).

Adjustable Spring Power - Adjustable spring tension that allows a single door closer to handle a wide range of door sizes and applications.

A.D.A. - Americans with Disabilities Act. Federal legislation that specifies guidelines to eliminate barriers to handicapped access and mobility.

Backcheck - Feature that provides dampening or slowing of the door opening speed at approximately 60 to 85 degrees of opening to prevent damage to the door, the frame, or to an adjacent structure.

Barrier-Free - Term used to identify door closers that meet guidelines corresponding to the Americans with Disabilities Act (A.D.A.) and ANSI A117.1 Specifications. Barrier-Free guidelines include maximum opening forces and power-assist capabilities.

Center-Hung - Door pivot point at center of jamb, therefore, depending on the pivot type, will allow the door to swing both in and out.

Dead-Stop - Auxiliary hardware or special door closer feature that limits the maximum degree of door swing to a specified point.

Delayed Action - Feature that causes the door to slow or delay closing, usually down to approximately 70 degrees to allow unrestricted passage. The delay time is normally adjustable.

Efficiency - Percentage of closing force in relation to opening force provided by the door closer to close the door.

Fixed Spring Size - Single fixed spring tension that is not adjustable. Intended to handle a specific range of door sizes.

Handing - Determined by the swing of the door. Left Hand, Right Hand, Left Hand Reverse Bevel, or Right Hand Reverse Bevel.

Hold Open - Feature that allows the door to remain open at a preset position. Depending on the type of door closer and accessories, the hold open position may be adjustable.

Latch Speed - The closing speed from approximately 10 to 15 degrees from the closed position. This speed should allow positive latching of the lock or exit device without undue slamming.

Offset - Door Pivot Point is offset from jamb center line, and hung from an offset pivot or hinge, allowing it to swing only one way.

Spring Size - A measure of door closer spring strength. Relates directly to the amount of opening force required to open the door, and the amount of force available to close the door.

Sweep Speed - Initial closing speed from fully open to approximately 10 to 15 degrees from closed position.

CRL Door Closer Selection Chart

TYPICAL ENTRANCE APPLICATION	AVERAGE DAILY SWING FREQUENCY	RATED FREQUENCY	RECOMMENDED CLOSER TYPE
<ul style="list-style-type: none"> • MALL OR LARGE DEPARTMENT STORE DOORS • LARGE OFFICE BUILDING DOORS 	2000-5000	Very High	HEAVY-DUTY FLOOR MOUNTED (Contact Technical Sales)
<ul style="list-style-type: none"> • LARGE SIZE STORE OR BANK DOORS • LARGE SCHOOL DOORS • MEDIUM TO LARGE RESTAURANT DOORS • BUSY FAST FOOD RESTAURANT DOORS • BUSY CONVENIENCE STORE DOORS • LARGE THEATER DOORS 	1000-2000	High	FLOOR MOUNTED (Contact Technical Sales) HEAVY-DUTY SURFACE MOUNTED (Contact Technical Sales) HEAVY-DUTY OVERHEAD CONCEALED (Contact Technical Sales)
<ul style="list-style-type: none"> • MEDIUM SIZE STORE OR BANK DOORS • MEDIUM SIZE OFFICE BUILDING DOORS • OFFICE BUILDING RESTROOM DOORS • CORRIDOR DOORS • PUBLIC RESTROOM DOORS • SMALL STORE OR PUBLIC BUILDING DOORS 	100-1000	Medium	FLOOR MOUNTED (see pages 709W-729W) SURFACE MOUNTED (see pages 664W-680W) OVERHEAD CONCEALED (see pages 683W-708W)
<ul style="list-style-type: none"> • SMALL STORE OR OFFICE RESTROOM DOORS • RESIDENTIAL DOORS • CLOSET DOORS 	10-100	Low	SURFACE MOUNTED (see pages 664W-680W)

CRL DC50 Series Grade 1
Surface Mounted Door Closers

- Engineered for Commercial and Residential Use
- Dual Valve Closing and Latching Speed Control
- Reversible for Standard, Top-Jamb, and Parallel Arm Installations on Aluminum, Metal, and Wood Doors
- Aluminum and Dark Bronze Finishes (White and Black are Also Available for DC54 Size)
- Custom Colors Available

CRL DC50 Series Surface Mounted Door Closers cover a wide range of door sizes and weights, from a Size 1 (DC51) intended for light commercial and residential applications, to a Size 5 (DC55) for heavy commercial door applications. With both closing and latching speeds independently adjustable, they will satisfy your customer's requirements for smooth operating door control.

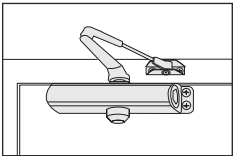
An adjustable backcheck function is standard on all DC52, DC53, DC54, and DC55 Closers to protect door and hardware from damage due to wind or violent door swings in the opening cycle. All DC50 Series Closers are supplied with Parallel Arm Brackets and mounting hardware permitting universal installation for regular, top jamb or parallel arm applications. Optional accessories, such as Drop Plates and Hold Open Arms, are available for special installations. See page 674W.



Surface Mounted Closer
Universal Mounting Options

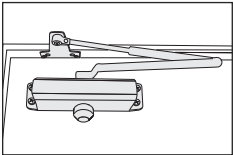
- Non-Handed, Reversible Closers Can Be Mounted Three Different Ways

- 10 Year Limited Warranty
- UL Listed



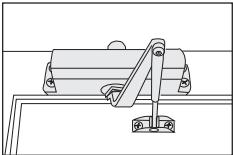
Regular Projecting
Arm Installation

Closer installed on
"PULL" side of the door.



Parallel Arm
Installation

Closer installed on
"PUSH" side of the door.



Top Jamb
Installation

Closer installed above
door on "PUSH" side.

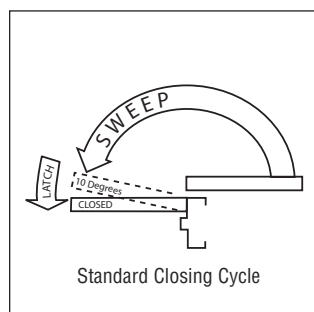
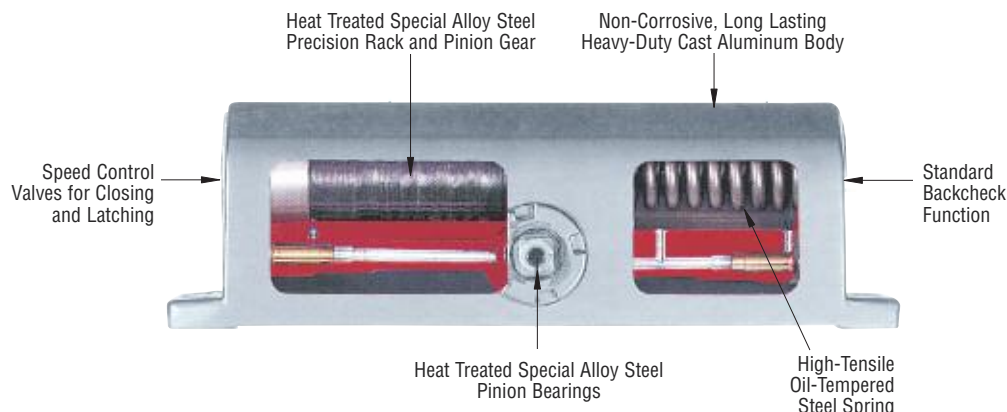
DC50 SERIES GRADE 1 SURFACE MOUNTED DOOR CLOSERS

CAT. NO.	FINISH	SIZE	CLOSER DESCRIPTION
DC51A	Aluminum	1	Light Commercial/Residential
DC51BRZ	Dark Bronze	1	Light Commercial/Residential
DC52A	Aluminum	2	Light-Duty
DC52BRZ	Dark Bronze	2	Light-Duty
DC53A	Aluminum	3	Standard-Duty
DC53BRZ	Dark Bronze	3	Standard-Duty
DC54A	Aluminum	4	Standard-Duty
DC54BRZ	Dark Bronze	4	Standard-Duty
DC54W	White	4	Standard-Duty
DC54BLK	Black	4	Standard-Duty
DC55A	Aluminum	5	Heavy-Duty Commercial
DC55BRZ	Dark Bronze	5	Heavy-Duty Commercial

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

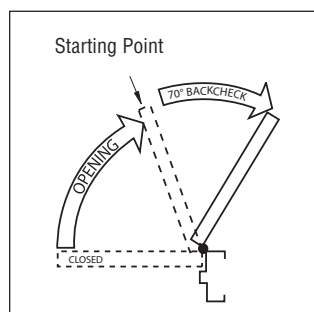
CRL DC50 Series Surface Mounted Door Closers

DC50 Series Features



Adjustable Closing and Latching

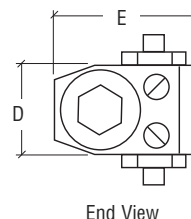
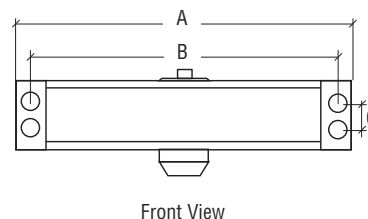
- Closing Speed (Sweep) can be variably adjusted to suit individual requirements.
- Latching Speed closing action accelerates over the last few degrees to arc (approx. 5 to 10 degrees) in order to overcome latch resistance, door seals or wind pressure.



Backcheck Control

- Backcheck Control adjusts to provide variable braking action from approximately 70 degrees to beyond 90 degrees. This helps prevent damage to the door or adjacent wall surface. However, an auxiliary floor or overhead stop is always recommended for complete protection of the entryway and hardware.

- Each DC50 Series Closer is Conveniently Packaged With Instructions
- Self-Adhesive Template for Quick and Easy Installation



DC50 SERIES GRADE 1 SURFACE MOUNTED DOOR CLOSERS

CLOSER MODEL	CLOSER SIZE	INTERIOR DOOR	APPLICABLE DOOR SIZE (WIDTH)		APPLICABLE DOOR WEIGHT
			SWING OUT	SWING IN	
DC51	1	32" (0.81 m)	30" (0.76 m)	26" (0.66 m)	33-66 Lbs. (15-30 kg)
DC52	2	36" (0.91 m)	32" (0.81 m)	28" (0.71 m)	66-99 Lbs. (30-45 kg)
DC53	3	42" (1.07 m)	36" (0.91 m)	32" (0.81 m)	99-143 Lbs. (45-65 kg)
DC54	4	48" (1.22 m)	42" (1.07 m)	36" (0.91 m)	143-187 Lbs. (65-85 kg)
DC55	5	54" (1.37 m)	48" (1.22 m)	42" (1.07 m)	187-264 Lbs. (85-120 kg)

SPECIFICATION	CLOSER MODEL				
	DC51	DC52	DC53	DC54	DC55
A: Length of Closer Body	7-1/8" (181 mm)	8-7/8" (225 mm)	8-7/8" (225 mm)	9-3/4" (247 mm)	9-3/4" (247 mm)
B: Horizontal Mounting Holes	6-1/2" (165 mm)	8-3/16" (208 mm)	8-3/16" (208 mm)	9-1/16" (230 mm)	9-1/16" (230 mm)
C: Vertical Mounting Holes	3/4" (19 mm)	3/4" (19 mm)	3/4" (19 mm)	3/4" (19 mm)	3/4" (19 mm)
D: Closer Body Height	1-5/8" (41 mm)	1-31/32" (50 mm)	1-31/32" (50 mm)	1-31/32" (50 mm)	1-31/32" (50 mm)
E: Projection from Door	2-15/32" (63 mm)	2-29/32" (73 mm)	2-29/32" (73 mm)	2-29/32" (73 mm)	2-29/32" (73 mm)

CRL PR80 Series Adjustable Spring Power Surface Mounted Door Closers

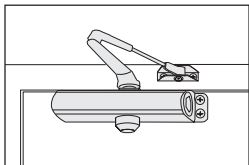
- **Multi-Size Adjustable Spring Power Closers**
Ranging in Size From 1 to 5
- **Barrier-Free Models to Meet A.D.A. Barrier-Free Requirements**
- **Applicable for Doors Ranging From 24" to 54" Wide and 33 to 264 Pounds**
- **10 Year Limited Warranty**
- **UL Listed**

The CRL PR80 Series of Multi-Size Adjustable Spring Power Surface Mounted Door Closers are the perfect closers to replace your single size surface closer inventory. This compact closer matches the common 9-1/16" x 3/4" (230 x 19 mm) hole template, making it ideal for both new and retrofit applications. The closers adjust in a range from Size 1 through 5 to accommodate doors from 24" through 54" (610 to 1371 mm) and up to 264 pounds (120 kg). A Barrier-Free (low opening resistance) model is available to comply with A.D.A. opening force requirements. Closing and latching speed controls are independently adjustable, and the adjustable backcheck feature helps prevent damage to the closer, door, and adjacent surface should the door be violently swung open due to wind or heavy pedestrian traffic.

All PR80 Closers are UL listed and warranted for 10 years. Parallel Arm Brackets and mounting hardware are included with each closer permitting universal installation for regular, top jamb or parallel arm applications. The closer is supplied with a standard plastic slim style cover. Optional accessories, such as Drop Plates and Hold Open Arms, are available for special installations. See page 674W.

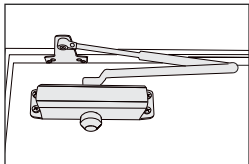
Surface Mounted Closer Universal Mounting Options

- **Non-Handed, Reversible Closers Can Be Mounted Three Different Ways**



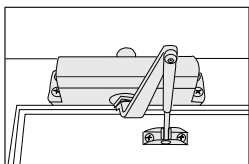
Regular Projecting Arm Installation

Closer installed on "PULL" side of the door.



Parallel Arm Installation

Closer installed on "PUSH" side of the door.



Top Jamb Installation

Closer installed above door on "PUSH" side.



UL 10C



PR82 Series Only

- **Each PR80 Series Closer is Conveniently Packaged With Instructions**
- **Self-Adhesive Template for Quick and Easy Installation**



PR80 SERIES SURFACE MOUNTED DOOR CLOSERS

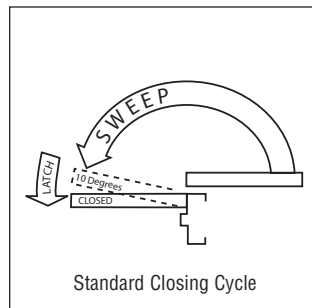
CAT. NO.	FINISH	SIZE	CLOSER DESCRIPTION
PR80A	Aluminum	2 - 5	Adjustable
PR80DU	Dark Bronze	2 - 5	Adjustable
PR80BLK	Black	2 - 5	Adjustable
PR82BFA	Aluminum	1 - 4	Barrier-Free/Adjustable
PR82BFDU	Dark Bronze	1 - 4	Barrier-Free/Adjustable
PR82BFBLK	Black	1 - 4	Barrier-Free/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

CLOSER SELECTION DATA

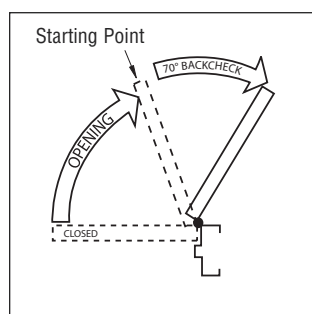
CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	
PR80	2 - 5	36"-54" (0.91-1.37 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs (30-120 kg)
PR82BF	1 - 4	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	24"-36" (0.61-0.91 m)	33-187 Lbs (15-85 kg)

CRL PR80 Series Adjustable Spring Power Surface Mounted Door Closers



Adjustable Closing and Latching

- Closing Speed (Sweep) can be variably adjusted to suit individual requirements.
- Latching Speed closing action accelerates over the last few degrees to arc (approx. 5 to 10 degrees) in order to overcome latch resistance, door seals or wind pressure.



Backcheck Control

- Backcheck Control adjusts to provide variable braking action from approximately 70 degrees to beyond 90 degrees. This helps prevent damage to the door or adjacent wall surface. However, an auxiliary floor or overhead stop is always recommended for complete protection of the entryway and hardware.



PR82 Series Only

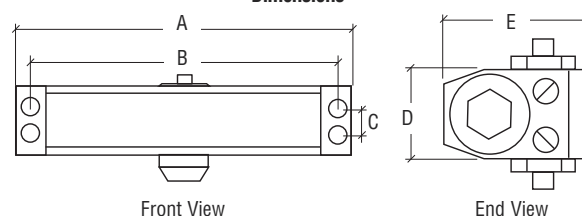
Barrier-Free Feature

- Provides a lighter powered spring to allow low opening resistance but provide acceptable door control. The opening force can be adjusted to comply with A.D.A., and as outlined in ANSI A117.1.



SPECIFICATION	PR80 SERIES	WITH COVER
A: Length of Closer Body	9-3/4" (248 mm)	10-5/8" (270 mm)
B: Horizontal Mounting Holes	9-1/16" (230 mm)	9-1/16" (230 mm)
C: Vertical Mounting Holes	3/4" (19 mm)	3/4" (19 mm)
D: Closer Body Height	1-25/32" (45 mm)	2-1/16" (53 mm)
E: Projection from Door	2-29/32" (73 mm)	2-15/16" (75 mm)

Dimensions



CRL Door Pressure Gauge

- Helps to Determine if Amount of Force Required to Open Doors Meets A.D.A. Regulations
- Range is from 0 to 35 Pounds (0 to 15.9 kg)
- Pocket Sized Tool is Simple to Use

Our Door Pressure Gauge shows amount of force (pounds or kilograms) required to open doors so you can determine if door meets A.D.A. regulations. An absolutely vital tool if working on doors in facilities requiring full access to disabled persons. It can also be used to determine the amount of rolling force required to open or close patio doors. Minimum order is one each.



CAT. NO. HMC035

CRL SURFACE MOUNTED DOOR CLOSERS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL PR70 Series Adjustable Spring Power Surface Mounted Door Closers

- Multi-Size Adjustable Spring Power Closers Ranging in Sizes BF 1/2 to 6
- Barrier Free and Delayed Action Models to Meet A.D.A. Barrier-Free Requirements
- Applicable for Doors Weighing 22 to 330 Pounds (10 to 150 kg)
- Aluminum and Dark Bronze Finishes
- Bright Gold and Chrome Finishes for Restaurants and Upscale Retail Businesses
- 10 Year Limited Warranty
- UL Listed

The CRL PR70 Series of Multi-Size Adjustable Spring Power Surface Mounted Door Closers are a range of Closers offering A.D.A. Barrier-Free (low opening resistance), Delayed Action models to allow adjustable delayed closing, and heavy-duty full range models for full control of heavier commercial doors. They are also available in Bright Gold and Polished Chrome finishes to complement most architectural finish requirements.

The Delayed Action feature adjusts the time a door will remain open to facilitate ease of progress through the opening. This feature is valuable in health care facilities and public buildings that require door closers to momentarily stay open. Closing and latching speed controls are independently adjustable, and an adjustable backcheck feature helps prevent damage to the closer, door, and adjacent structures should the door be violently swung open due to wind or heavy pedestrian traffic.

All PR70 Closers are UL Listed and warranted for 10 years. Parallel Arm Brackets and mounting hardware are included with each closer permitting universal installation for regular, top jamb or parallel arm applications. Optional accessories, such as Drop Plates and Hold Open Arms, are available for special installations, please see page 675W.



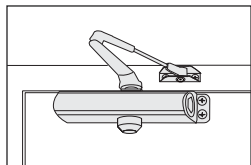
UL 10C



PR70 & PR72 Models Only

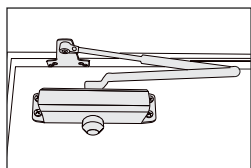
Surface Mounted Closer Universal Mounting Options

- Non-Handed, Reversible Closers Can Be Mounted Three Different Ways



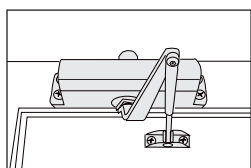
Regular Projecting Arm Installation

Closer installed on "PULL" side of the door.



Parallel Arm Installation

Closer installed on "PUSH" side of the door.



Top Jamb Installation

Closer installed above door on "PUSH" side.

CAT. NO.	FINISH	SPRING SIZE		CLOSER DESCRIPTION
PR70BFA	Aluminum	1/2 - 4		Barrier-Free/Adjustable
PR70BFDU	Dark Bronze	1/2 - 4		Barrier-Free/Adjustable
PR70BFBG	Bright Gold	1/2 - 4		Barrier-Free/Adjustable
PR70BFCH	Bright Chrome	1/2 - 4		Barrier-Free/Adjustable
PR72DAA	Aluminum	1/2 - 4		Delayed Action/Adjustable
PR72DADU	Dark Bronze	1/2 - 4		Delayed Action/Adjustable
PR72DABG	Bright Gold	1/2 - 4		Delayed Action/Adjustable
PR72DACH	Bright Chrome	1/2 - 4		Delayed Action/Adjustable
PR74BCA	Aluminum	2 - 6		Adjustable
PR74BCDU	Dark Bronze	2 - 6		Adjustable
PR76DAA	Aluminum	2 - 6		Delayed Action/Adjustable
PR76DADU	Dark Bronze	2 - 6		Delayed Action/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

CLOSER SELECTION DATA

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	
PR70BF	1/2 - 4	28"-48" (0.71-1.22 m)	24"-42" (0.61-1.07 m)	20"-36" (0.51-0.91 m)	22-187 Lbs. (10-85 kg)
PR72DA	1/2 - 4	28"-48" (0.71-1.22 m)	24"-42" (0.61-1.07 m)	20"-36" (0.51-0.91 m)	22-187 Lbs. (10-85 kg)
PR74BC	2 - 6	36"-58" (0.91-1.47 m)	32"-52" (0.81-1.32 m)	28"-48" (0.71-1.22 m)	66-330 Lbs. (30-150 kg)
PR76DA	2 - 6	36"-58" (0.91-1.47 m)	32"-52" (0.81-1.32 m)	28"-48" (0.71-1.22 m)	66-330 Lbs. (30-150 kg)



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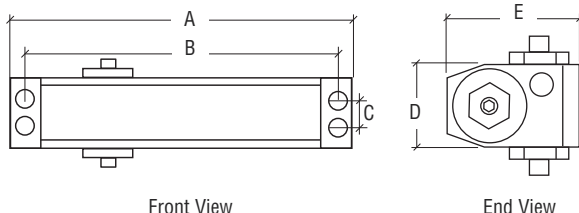
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crlaurence.com | usalum.com

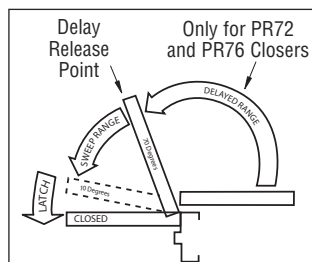
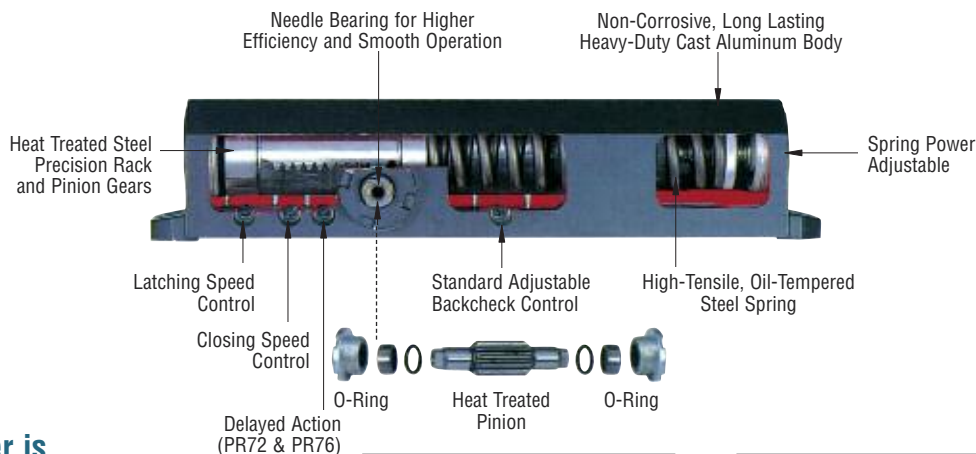
CRL Surface Mounted Door Closers

PR70 Series Features

- Each PR70 Series Closer is Conveniently Packaged With Instructions
- Self-Adhesive Template for Quick and Easy Installation

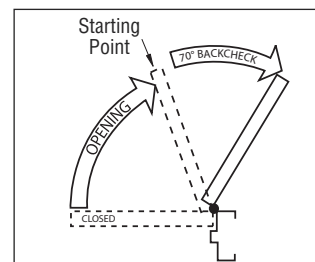


SPECIFICATION	BODY ONLY	WITH COVER
A: Length of Closer Body	11-7/8" (302 mm)	12-1/16" (306 mm)
B: Horizontal Mounting Holes	11-1/8" (283 mm)	11-1/8" (283 mm)
C: Vertical Mounting Holes	3/4" (19 mm)	3/4" (19 mm)
D: Closer Body Height	2" (51 mm)	2-15/16" (75 mm)
E: Projection from Door	2-3/8" (60 mm)	2-1/2" (64 mm)



Delayed Action Closing

- Delayed Action Closing is an optional hydraulic feature of PR72 and PR76 Series Closers that adds a third speed range to the closing cycle. This feature becomes effective when the door is opened and released at any point beyond 70 degrees. The amount of time delay depends on the combination of the angle of door release and valve adjustment for a variable time to facilitate ease of progress through the opening. This feature is particularly valuable in health care facilities such as hospitals, nursing homes, and public buildings that require door closers to delay closing to comply with A.D.A. regulations



Backcheck Control

- Backcheck Control adjust to provide variable braking action from approximately 70 degrees to beyond 90 degrees. This helps prevent damage to the door or adjacent wall surface. However, an auxiliary floor or overhead stop is always recommended for complete protection of the entryway and hardware.

CRL Door Pressure Gauge

- Helps to Determine if Amount of Force Required to Open Doors Meets A.D.A. Regulations
- Range is from 0 to 35 Pounds (0 to 15.9 kg)
- Pocket Sized Tool is Simple to Use

Our Door Pressure Gauge shows amount of force (pounds or kilograms) required to open doors so you can determine if door meets A.D.A. regulations. An absolutely vital tool if working on doors in facilities requiring full access to disabled persons. It can also be used to determine the amount of rolling force required to open or close patio doors. Minimum order is one each.



CAT. NO. HMC035

CRL SURFACE MOUNTED DOOR CLOSERS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL PR40 Series Grade 1 Adjustable Spring Power Surface Mounted Door Closers

When demanding closer specs are required, consider our PR40 Series Surface Mounted Door Closers.

Recommended for high traffic areas, such as public buildings, airports, and shopping centers. Closing and latching speed controls are independently adjustable. Adjustable backcheck is a standard feature to prevent damage to the closer, door, and adjacent surface should the door be violently swung open due to wind or heavy pedestrian traffic.

The optional delayed action feature adjusts the time a door will remain open to facilitate ease of progress through the opening. This feature is particularly valuable in health care facilities, such as hospitals, nursing homes, and public buildings that require door closers to delay closing to comply with A.D.A. regulations.

PR40 Series Closers have a compact design closer body and share a common 9-1/16" x 3/4" (230 x 19 mm) mounting hole template, making it ideal for both new and retrofit applications. All PR40 Closers are UL Listed and warranted for 10 years. Parallel Arm Brackets and mounting hardware is included with each closer permitting universal application for regular, top jamb or parallel arm applications. Optional accessories, such as Drop Plates and Hold Open Arms, are available for special installations. See page 676W.

- **Adjustable Spring Power Multi-Size Range 1 to 5**
- **Each PR40 Series Closer is Conveniently Packaged With Instructions**
- **Delayed Action Closing Model for Handicap Entrances**
- **10 Year Limited Warranty**
- **UL Listed**



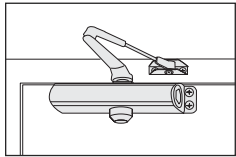
UL 10C



PR40 Model Only

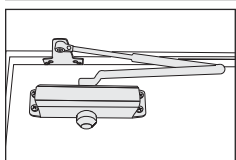
Surface Mounted Closer Universal Mounting Options

- **Non-Handed, Reversible Closers Can Be Mounted Three Different Ways**



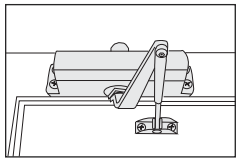
Regular Projecting Arm Installation

Closer installed on "PULL" side of the door.



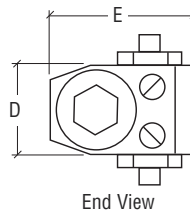
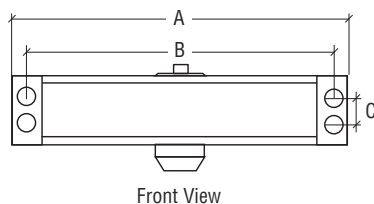
Parallel Arm Installation

Closer installed on "PUSH" side of the door.



Top Jamb Installation

Closer installed above door on "PUSH" side.



PR40 SERIES GRADE 1 SURFACE MOUNTED DOOR CLOSERS

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
PR40A	Aluminum	1 - 4	Barrier-Free/Adjustable
PR40DU	Dark Bronze	1 - 4	Barrier-Free/Adjustable
PR42A	Aluminum	2 - 5	Adjustable
PR42DU	Dark Bronze	2 - 5	Adjustable
PR44DAA	Aluminum	2 - 5	*Delayed Action/Adjustable
PR44DADU	Dark Bronze	2 - 5	*Delayed Action/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing. * NOTE: Backcheck feature is not available on Delayed Action models.

CLOSER SELECTION DATA

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	
PR40	1 - 4	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	24"-36" (0.61-0.91 m)	33-187 Lbs. (15-85 kg)
PR42	2 - 5	36"-54" (0.91-1.37 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs. (30-120 kg)
PR44DA	2 - 5	36"-58" (0.91-1.47 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs. (30-120 kg)

SPECIFICATION

SPECIFICATION	DIMENSIONS
A: Length of Closer Body	9-3/4" (248 mm)
B: Horizontal Mounting Holes	9-1/16" (230 mm)
C: Vertical Mounting Holes	3/4" (19 mm)
D: Closer Body Height	1-13/16" (46 mm)
E: Projection from Door	2-13/16" (72 mm)



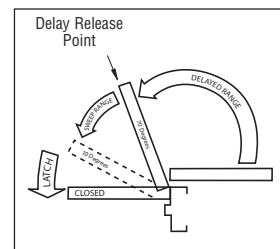
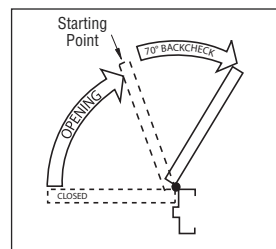
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CRL PR50 Series Grade 1 Adjustable Spring Power Surface Mounted Door Closers

- Adjustable Spring Power Multi-Size Range 1 to 5
- Larger Footprint Matches or Covers Existing Hole Patterns
- 10 Year Limited Warranty
- UL Listed



To meet demanding closer specifications, and a need for a larger footprint for matching or covering existing hole patterns, consider the CRL PR50 Series Surface Mounted Door Closer. The PR50 Series is a Multi-Size Adjustable Spring Power Closer suitable for doors from 24" to 54" (0.61 to 1.37 m), and weighing from 33 to 264 pounds (15 to 120 kg).

The barrier-free (low opening resistance) Model PR50, with a lighter powered spring to provide adjustable door control from Size 1 through 4, is recommended for public buildings, airports, and shopping centers to meet A.D.A. opening force accessibility requirements. The PR52 Model adjusts from Size 2 through 5 for heavier door applications, and is recommended for higher traffic areas. The PR54DA Model has an adjustable Delayed Action feature that can vary the time the door will remain open to facilitate ease of progress through the opening. This feature is particularly valuable in health care facilities, such as hospitals, nursing homes, and public buildings that require door closers to momentarily stay open to comply with A.D.A. regulations.

Closing and latching speed controls are independently adjustable. The adjustable backcheck feature helps prevent damage to the closer, door, and adjacent surface should the door be violently swung open due to wind or heavy pedestrian traffic.

PR50 Series Closers are UL Listed and warranted for 10 years. Parallel Arm Brackets and mounting hardware is included with each closer permitting universal installation for regular, top jamb or parallel arm applications. Optional accessories, such as Drop Plates and Hold Open Arms, are available for special installations. See page 676W.

- Each PR50 Series Closer is Conveniently Packaged With Instructions



PR50 Model Only

Backcheck Control

- Backcheck Control adjusts to provide variable braking action from approximately 70 degrees to beyond 90 degrees. This helps prevent damage to the door or adjacent wall surface. However, an auxiliary floor or overhead stop is always recommended for complete protection of the entryway and hardware.

Delayed Action Closing

- Delayed Action Closing is an optional hydraulic feature of the PR54 Series Closer that adds a third speed range to the closing cycle. This feature becomes effective when the door is opened and released at any point beyond 70 degrees. The amount of time delay depends on the combination of the angle of door release and valve adjustment for a variable time to facilitate ease of progress through the opening. This feature is particularly valuable in health care facilities such as hospitals, nursing homes, and public buildings that require door closers to delay closing to comply with A.D.A. regulations.

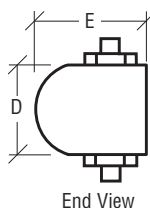
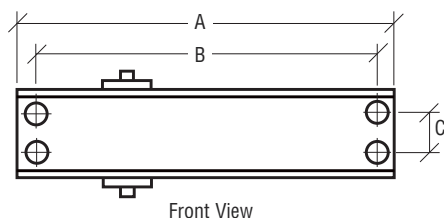
PR50 SERIES GRADE 1 SURFACE MOUNTED DOOR CLOSERS

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
PR50A	Aluminum	1 - 4	Barrier-Free/Adjustable
PR50DU	Dark Bronze	1 - 4	Barrier-Free/Adjustable
PR52A	Aluminum	2 - 5	Adjustable
PR52DU	Dark Bronze	2 - 5	Adjustable
PR54DA	Aluminum	2 - 5	*Delayed Action/Adjustable
PR54DADU	Dark Bronze	2 - 5	*Delayed Action/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing. * NOTE: Backcheck feature is not available on Delayed Action models.

CLOSER SELECTION DATA

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	
PR50	1 - 4	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	24"-36" (0.61-0.91 m)	33-187 Lbs. (15-85 kg)
PR52	2 - 5	36"-54" (0.91-1.37 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs. (30-120 kg)
PR54DA	2 - 5	36"-54" (0.91-1.37 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs. (30-120 kg)



SPECIFICATION	BODY ONLY	WITH COVER
A: Length of Closer Body	12-9/16" (319 mm)	13" (330 mm)
B: Horizontal Mounting Holes	11-15/16" (303 mm)	11-15/16" (303 mm)
C: Vertical Mounting Holes	3/4" (19 mm)	3/4" (19 mm)
D: Closer Body Height	1-3/4" (45 mm)	2-15/16" (75 mm)
E: Projection from Door	2-3/16" (56 mm)	2-5/16" (59 mm)

CRL PR90 Series Grade 1 Adjustable Spring Power Surface Mounted Door Closers

- Adjustable Spring Power Multi-Size Range 1 to 6
- Durable Cast Iron Closer Body With Finished Cover
- 10 Year Limited Warranty
- UL Listed

Cast Iron Closers have long been considered to be the industry's most durable. The CRL PR90 Grade 1 Adjustable Spring Power Surface Mounted Door Closer is recommended for high traffic public buildings such as hospitals, airports and shopping centers, to meet both A.D.A. accessibility requirements, and provide durability and maintenance free service. Closing and latching speed controls are independently adjustable. The adjustable backcheck feature helps prevent damage to the closer, door, and adjacent surface should the door be violently swung open due to wind or heavy pedestrian traffic.

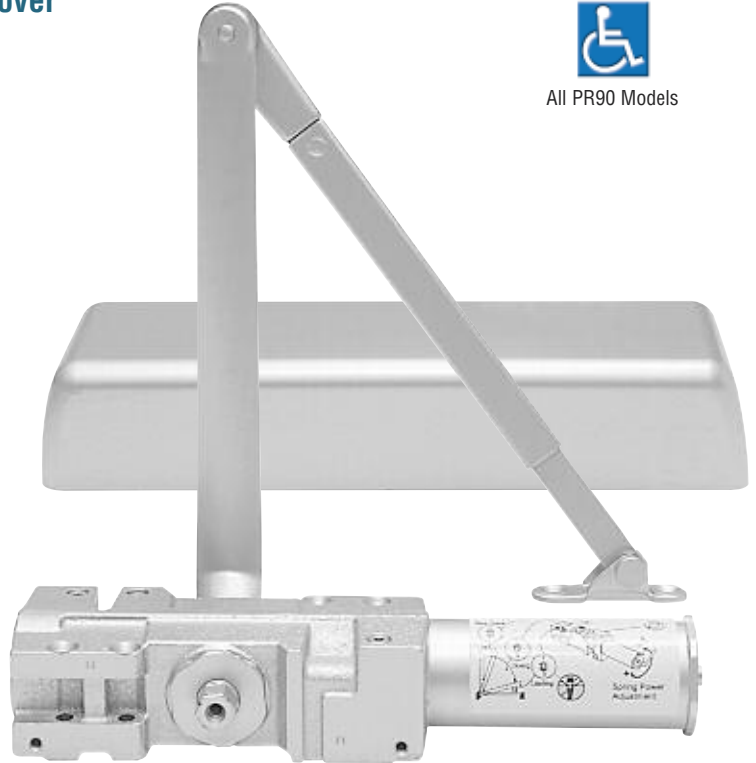
All CRL PR90 Closers are UL Listed and warranted for 10 years. Parallel Arm Brackets and mounting hardware are included with each closer permitting universal installation for regular, top jamb or parallel arm applications. Optional accessories, including Drop Plates and Hold Open Arms, are available for special installations (see page 677W).



UL 10C

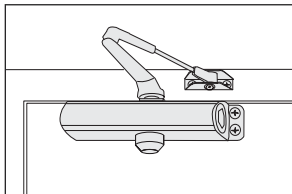


All PR90 Models



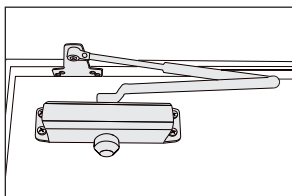
Surface Mounted Closer Universal Mounting Options

- Non-Handed, Reversible Closers Can Be Mounted Three Different Ways



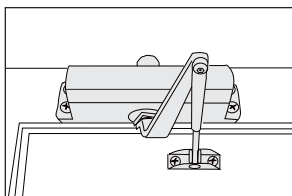
Regular Projecting Arm Installation

Closer installed on "PULL" side of the door.



Parallel Arm Installation

Closer installed on "PUSH" side of the door.



Top Jamb Installation

Closer installed above door on "PUSH" side.

PR90 SERIES GRADE 1 SURFACE MOUNTED DOOR CLOSERS

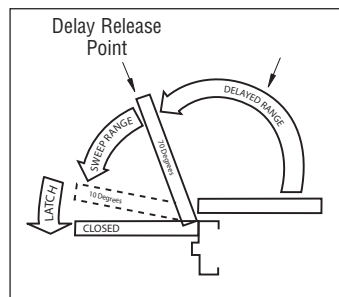
CAT. NO.	FINISH	SIZE		CLOSER DESCRIPTION
PR90A	Aluminum	1 - 6		Barrier-Free/Adjustable
PR90DU	Dark Bronze	1 - 6		Barrier-Free/Adjustable
PR92DAA	Aluminum	1 - 6		*Delayed Action/Adjustable
PR92DADU	Dark Bronze	1 - 6		*Delayed Action/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing. * NOTE: Backcheck feature is not available on Delayed Action models.

CLOSER SELECTION DATA

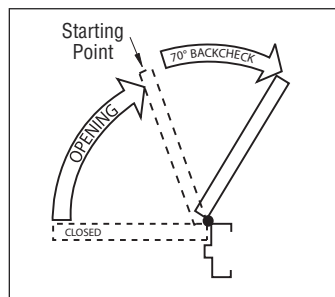
CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	
PR90	1 - 6	32"-58" (0.81-1.47 m)	28"-52" (0.71-1.32 m)	24"-48" (0.61-1.22 m)	33-330 Lbs. (15-150 kg)
PR92DA	1 - 6	32"-58" (0.81-1.47 m)	28"-52" (0.71-1.32 m)	24"-48" (0.61-1.22 m)	33-330 Lbs. (15-150 kg)

CRL PR90 Series Grade 1 Adjustable Spring Power Surface Mounted Door Closers



Delayed Action Closing

- Delayed Action Closing is an optional hydraulic feature of the PR90 Series Closer that adds a third speed range to the closing cycle. This feature becomes effective when the door is opened and released at any point beyond 70 degrees. The amount of time delay depends on the combination of the angle or door release and valve adjustment for a variable time to facilitate ease of progress through the opening. This feature is particularly valuable in health care facilities such as hospitals, nursing homes, and public buildings that require door closers to delay closing to comply with A.D.A. regulations.



Backcheck Control

- Backcheck Control adjusts to provide variable braking action from approximately 70 degrees to beyond 90 degrees. This helps prevent damage to the door or adjacent wall surface. However, an auxiliary floor or overhead stop is always recommended for complete protection of the entryway and hardware.

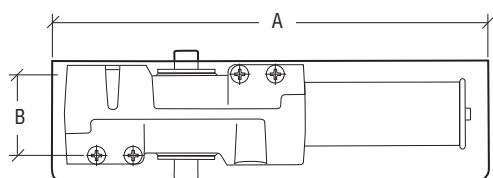
Barrier-Free Feature



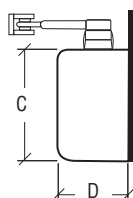
- Provides a lighter powered spring to allow low opening resistance but provide acceptable door control. The opening force can be adjusted to comply with A.D.A., and as outlined in ANSI A117.1.



- Each PR90 Series Closer is Conveniently Packaged With Instructions
- Self-Adhesive Template for Quick and Easy Installation



Front View



End View

SPECIFICATION	DIMENSIONS
A: Length of Closer Body With Cover	12-1/4" (311 mm)
B: Vertical Mounting Holes	2-1/4" (57 mm)
C: Closer Body Height With Cover	3-7/32" (82 mm)
D: Projection from Door With Cover	2-5/32" (55 mm)

CRL Door Pressure Gauge

- Helps to Determine if Amount of Force Required to Open Doors Meets A.D.A. Regulations
- Range is from 0 to 35 Pounds (0 to 15.9 kg)
- Pocket Sized Tool is Simple to Use

Our Door Pressure Gauge shows amount of force (pounds or kilograms) required to open doors so you can determine if door meets A.D.A. regulations. An absolutely vital tool if working on doors in facilities requiring full access to disabled persons. It can also be used to determine the amount of rolling force required to open or close patio doors. Minimum order is one each.



CAT. NO. HMC035

CRL Accessories for DC50 and PR80 Series Surface Mounted Door Closers

NOTE: Not all accessories are applicable to our DC51 Series Surface Mounted Door Closers

CRL DC50 and PR80 Series Surface Mounted Door Closer Accessories are intended to support a wide range of mounting options and applications. Contact the CRL Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also send an e-mail through the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Door and Window Products.

CRL Closer Body Covers

• Slip-On Installation

CAT. NO.	FINISH
DC5CVRA	Aluminum
DC5CVRBRZ	Dark Bronze
DC5CVRBLK	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Sex Bolt Sets

• Four Per Pack

CAT. NO.	FINISH
DCSBA	Aluminum
DCSBBRZ	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Wide Drop Plates

• For Use With DC50 and PR80 Series Closers

CAT. NO.	FINISH
DC53DPA	Aluminum
DC53DPBRZ	Dark Bronze
DC54DPA	Aluminum
DC54DPBRZ	Dark Bronze
DC54DPBLK	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:

DC53 Series 8-7/8" x 3-1/2" (225 x 89 mm)
DC54 Series 9-3/4" x 3-1/2" (248 x 89 mm)

CRL Narrow Drop Plates

• For Use With DC50 and PR80 Series

CAT. NO.	FINISH
DC53NDPA	Aluminum
DC53NDPBRZ	Dark Bronze
DC54NDPA	Aluminum
DC54NDPBRZ	Dark Bronze
DC54NDPBLK	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:

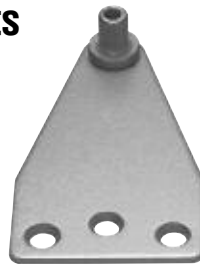
DC53 Series 8-7/8" x 2-5/16" (225 x 59 mm)
DC54 Series 9-3/4" x 2-5/16" (248 x 59 mm)

CRL Parallel Arm Brackets

• For Use With Regular Non-Hold Open Arms

CAT. NO.	FINISH
DC7PABA	Aluminum
DC7PABBRZ	Dark Bronze
DC7PABBLK	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Replacement Screw Packages

• Complete Set of Replacement Screws

CAT. NO.	FINISH
DCSA	Aluminum
DCSBRZ	Dark Bronze

Minimum order: 1 pack. Finishes can be combined for quantity pricing.



CRL Regular Closer Arms

• Replacement Arms for DC50 and PR80

CAT. NO.	FINISH
DC50CAA	Aluminum
DC50CABRZ	Dark Bronze
DC50CABLK	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Extended Rod Assemblies

• Use With Reveals Up to 6" (152 mm)

CAT. NO.	FINISH
DCAXTA	Aluminum
DCAXTBRZ	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Hold Open Arms

• Parallel Hold Open Bracket Included

FRICTION TYPE CAT. NO.	POSI-HOLD TYPE CAT. NO.	FINISH
DCHOAA	DCPH0AA	Aluminum
DCHOABRZ	DCPH0ABRZ	Dark Bronze
DCHOABLK	---	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.

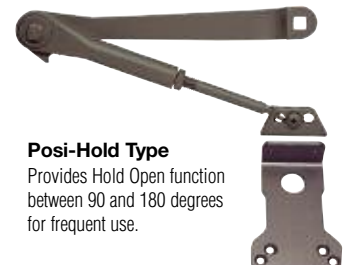
Friction Type

Provides Hold Open function between 90 and 180 degrees for occasional Hold Open need.



Posi-Hold Type

Provides Hold Open function between 90 and 180 degrees for frequent use.



CRL Accessories for PR70 Series Surface Mounted Door Closers

CRL PR70 Series Surface Mounted Door Closer Accessories are intended to support a wide range of mounting options and applications. Contact the CRL Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also send an e-mail through the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Door and Window Products.

CRL Closer Body Covers

CAT. NO.	FINISH
PR7CVRA	Aluminum
PR7CVRDU	Dark Bronze
PR7CVRBG	Bright Gold
PR7CVRCH	Bright Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.

• Full Body Cover



CRL Sex Bolt Sets

CAT. NO.	FINISH
DCSBA	Aluminum
DCSBBRZ	Dark Bronze
DCSBBG	Bright Gold
DCSBCH	Bright Chrome

Minimum order: 1 pack. Finishes can be combined for quantity pricing.

• Four Per Pack



CRL Wide Drop Plates

CAT. NO.	FINISH
PR70DPA	Aluminum
PR70DPBRZ	Dark Bronze
PR70DPBG	Bright Gold
PR70DPCH	Bright Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:

11-7/8" x 3-1/2" (302 x 89 mm)

CRL Parallel Arm Drop Plates

CAT. NO.	FINISH
PR70DPPAA	Aluminum
PR70DPPABRZ	Dark Bronze
PR70DPPABG	Bright Gold
PR70DPPACH	Bright Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:

12-1/8" x 4-3/4" (308 x 121 mm)

CRL Narrow Back Plates

• Usable for Top Jamb Applications

CAT. NO.	FINISH
PR70RCPA	Aluminum
PR70RCPDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:

11-7/8" x 2" (302 x 51 mm)

CRL Parallel Arm Brackets

• For Use With Regular Non-Hold Open Arms

CAT. NO.	FINISH
DC9PABA	Aluminum
DC9PABRZ	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Regular Closer Arms

• Replacement Arms

CAT. NO.	FINISH
DC50CAA	Aluminum
DC50CABRZ	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Extended Rod Assemblies

• Use With Reveals Up to 6" (152 mm)

CAT. NO.	FINISH
DCAXTA	Aluminum
DCAXTBRZ	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Hold Open Arms

• Parallel Hold Open Bracket Included

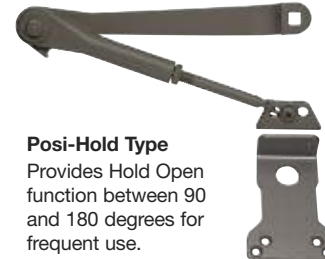
FRICTION TYPE CAT. NO.	POSI-HOLD TYPE CAT. NO.	FINISH
DCHOAA	DCPH0AA	Aluminum
DCHOABRZ	DCPH0ABRZ	Dark Bronze
DCHOABG	DCPH0ABG	Bright Gold
DCHOACH	DCPH0ACH	Bright Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.



Friction Type

Provides Hold Open function between 90 and 180 degrees for occasional Hold Open need.



Posi-Hold Type

Provides Hold Open function between 90 and 180 degrees for frequent use.

CRL Replacement Screw Packages

CAT. NO.	FINISH
DCSA	Aluminum
DCSBRZ	Dark Bronze

Minimum order: 1 pack. Finishes can be combined for quantity pricing.

• Complete Set of Replacement Screws



CRL Accessories for PR40 and PR50 Series Surface Mounted Door Closers

CRL PR40 and PR50 Series Surface Mounted Door Closer Accessories are intended to support a wide range of mounting options and applications. For more information contact the CRL Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also send an e-mail through the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Door and Window Products.

CRL Closer Body Covers

CAT. NO.	FINISH
PR5CVRA	Aluminum
PR5CVRDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Sex Bolt Sets

• Four Per Pack

CAT. NO.	FINISH
DCSBA	Aluminum
DCSBBRZ	Dark Bronze

Minimum order: 1 pack. Finishes can be combined for quantity pricing.

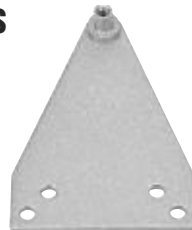


CRL Parallel Arm Brackets

• For Use With Regular Non- Hold Open Arms

CAT. NO.	FINISH
PR4050PABA	Aluminum
PR4050PABDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Parallel Arm Drop Plates

• For Push Side Parallel Arm Installation

CAT. NO.	FINISH
PR50DPPAA	Aluminum
PR50DPPADU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:
13" x 4-13/16" (330 x 122 mm)

CRL Narrow Drop Plates

• Usable for Top Jamb Applications

CAT. NO.	FINISH
PR40NDPA	Aluminum
PR40NDPDU	Dark Bronze
PR50NDPA	Aluminum
PR50NDPDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:
PR40 Series 9-3/4" x 2-9/16" (248 x 65 mm)
PR50 Series 13" x 2-3/16" (330 x 56 mm)

CRL Wide Drop Plates

• Provides a Solid Mounting Surface

CAT. NO.	FINISH
PR40DPA	Aluminum
PR40DPDU	Dark Bronze
PR50DPA	Aluminum
PR50DPDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:
PR40 Series 9-3/4" x 3-3/8" (248 x 86 mm)
PR50 Series 13" x 3-9/16" (330 x 90 mm)

CRL Regular Closer Arms

• Replacement Arms

CAT. NO.	FINISH
PR4050CAA	Aluminum
PR4050CADU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Extended Rod Assemblies

• Use With Reveals Up to 6" (152 mm)

CAT. NO.	FINISH
PR4050AXTA	Aluminum
PR4050AXTDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Hold Open Arms

• Non-Handed Friction Type Arm

CAT. NO.	FINISH
PR4050H0AA	Aluminum
PR4050H0ADU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Parallel Hold Open Arm Brackets

• Required for Use With Hold Open Arms

CAT. NO.	FINISH
PR459H0PABA	Aluminum
PR459H0PABDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Replacement Screw Packages

• Complete Set of Replacement Screws



CAT. NO.	FINISH
PR40SA	Aluminum
PR40SDU	Dark Bronze
PR50SA	Aluminum
PR50SDU	Dark Bronze

Minimum order: 1 pack. Finishes can be combined for quantity pricing.

CRL Accessories for PR90 Series Surface Mounted Door Closers

CRL PR90 Series Surface Mounted Door Closer Accessories are intended to support a wide range of mounting options and applications. Contact the CRL Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also send an e-mail through the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Door and Window Products.

CRL Closer Body Covers

• Full Body Cover

CAT. NO.	FINISH
PR90CVRA	Aluminum
PR90CVRDU	Dark Bronze



CRL Sex Bolt Sets

• Four Per Pack

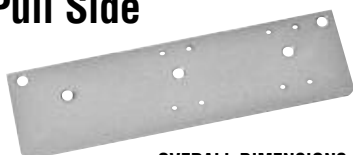
CAT. NO.*	FINISH
DCSBA	Aluminum
DCSBBRZ	Dark Bronze



CRL Drop Plates - Pull Side

• Provides a Solid Mounting Surface

CAT. NO.	FINISH
PR90DPA	Aluminum
PR90DPDU	Dark Bronze



OVERALL DIMENSIONS:
12-1/4" x 3-7/16" (311 x 87 mm)
Equivalent to LCN 18

CRL Drop Plates - Top Jamb

• Usable for Top Jamb Applications

CAT. NO.	FINISH
PR90DPJMA	Aluminum
PR90DPJMDU	Dark Bronze



OVERALL DIMENSIONS:
12-1/4" x 3-7/16" (311 x 87 mm)
Equivalent to LCN 18TJ

CRL Drop Plates - Flush Top Jamb

• Usable for Top Jamb Applications

CAT. NO.	FINISH
PR90DPFMA	Aluminum
PR90DPFMDU	Dark Bronze



OVERALL DIMENSIONS:
12-1/4" x 3-7/16" (311 x 87 mm)
Equivalent to LCN 18G

CRL Drop Plates - Parallel Arm

• For Push Side Parallel Arm

CAT. NO.	FINISH
PR90DPPAA	Aluminum
PR90DPPADU	Dark Bronze



OVERALL DIMENSIONS:
12-1/4" x 5-1/4" (311 x 133 mm)
Equivalent to LCN 18PA

CRL Parallel Arm Brackets

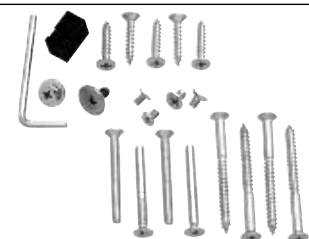
• For Use With Regular Non-Hold Open Arms

CAT. NO.	FINISH
PR90PABA	Aluminum
PR90PABDU	Dark Bronze



CRL Replacement Screw Packages

CAT. NO.	FINISH
PR90SA	Aluminum
PR90SDU	Dark Bronze



CRL Regular Closer Arms

• Replacement Arms for PR90 Series

CAT. NO.	FINISH
PR90CAA	Aluminum
PR90CADU	Dark Bronze



CRL Extended Rod Assemblies

• Use With Reveals Up to 4-1/2" (114 mm)

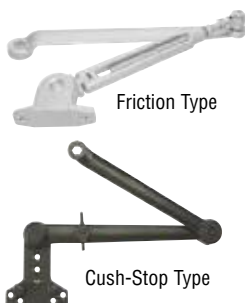
CAT. NO.	FINISH
PR90AXTA	Aluminum
PR90AXTDU	Dark Bronze



CRL Hold Open Arms

• Choice Between Non-Handed Friction Type Arm or Cushion-Mechanical Turn Type Arm

CAT. NO.	FINISH	TYPE
PR90H0AA	Aluminum	Friction
PR90H0ADU	Dark Bronze	Friction
90H0CAAL	Aluminum	Cush-Stop
90H0CADU	Dark Bronze	Cush-Stop



CRL Hold Open Parallel Arm Brackets

• Required for Use With Friction Type Hold Open Arms

CAT. NO.	FINISH
PR459H0PABA	Aluminum
PR459H0PABDU	Dark Bronze



Minimum order: 1 each. *Minimum order is 1 pack. All finishes of products on this page can be combined for quantity pricing.

LCN® 4040XP Series Surface Mounted Door Closers

LCN®

new

- Multi-Size Adjustable Spring Power Closers Ranging In Sizes 1 Through 6
- Tested to Ten Million Cycles
- Designed for Demanding High Traffic Applications
- Certified ANSI A156.4, Grade 1



The LCN® 4040XP Series Heavy-Duty Door Closer is designed for institutional and other rugged high traffic applications. The 4040XP features the LCN® FAST™ Power Adjust with visual indicator for spring power adjustment. For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada or (323) 588-1281 International, and ask for Ext. 7520. You can also visit our web site at crlaurence.com.

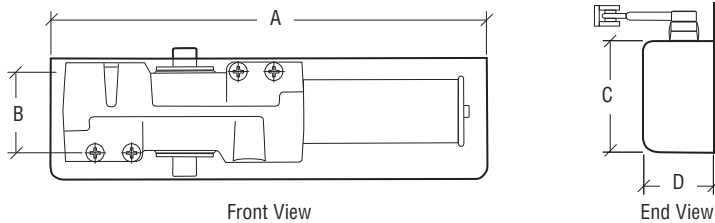


4041XP RW/PA (REGULAR ARM WITH PARALLEL ARM BRACKET)

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
4041AL	Aluminum	1 - 6	Adjustable Spring Power
4041DU	Dark Bronze	1 - 6	Adjustable Spring Power
4041DAL	Aluminum	1 - 6	Delayed Action / Adjustable
4041DDU	Dark Bronze	1 - 6	Delayed Action / Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

Closer Dimensions



SPECIFICATION	DIMENSIONS
A: Length of Closer Body With Cover	12-1/4" (311 mm)
B: Horizontal Mounting Holes	2-1/4" (57 mm)
C: Closer Body Height With Cover	3-1/2" (89 mm)
D: Projection from Door With Cover	2-1/4" (57 mm)



The 4040XP Series includes the LCN® FAST™ Power Adjust, a revolutionary visual indicator for spring power adjustment

EXTERIOR (and VESTIBULE) DOOR WIDTH

24"	30"	36"	42"	48"
610 MM	762 MM	914 MM	1067 MM	1219 MM
Size 3	Size 4	Size 5	Size 6	

INTERIOR DOOR WIDTH

24"	34"	38"	48"	54"	60"
610 MM	864 MM	965 MM	1219 MM	1372 MM	1524 MM
Size 2	Size 3	Size 4	Size 5	Size 6	

Minimum Door Width

*Adjustable Size 1 thru 6

→ Indicates Recommended Range of Door Width for Closer Size.

LCN is registered trademark of Ingersoll-Rand plc, its subsidiaries and/or affiliates in the United States and other countries.

CAUTION: Any manual door closer, installed and adjusted to comply with A.D.A. or other reduced opening force requirements, may not provide adequate spring power to close and latch a door due to varying site conditions and door size.

Accessories for LCN® 4040XP Series Door Closers



These LCN® 4040XP Series Surface Closer Accessories are intended to support a wide range of mounting options and applications. Additional accessories are available upon special order.

LCN® Regular Closer Arms

- Standard, Non-Handed Arm

CAT. NO.	FINISH
4040RAAL	Aluminum
4040RADU	Dark Bronze

Minimum order: 1 each.



LCN® Hold-Open Closer Arms

- Non-Handed Friction Arm

CAT. NO.	FINISH
4040HOAAL	Aluminum
4040HOADU	Dark Bronze

Minimum order: 1 each.



LCN® Extra Duty Parallel Closer Arms

- Non-Handed, Heavy-Duty Parallel Arm

CAT. NO.	FINISH
4040EDAAL	Aluminum
4040EDADU	Dark Bronze

Minimum order: 1 each.



LCN® Parallel Arm Mounting Bracket

- Required for Parallel Arm Mounting

CAT. NO.	FINISH
62PAAL	Aluminum
62PADU	Dark Bronze

Minimum order: 1 each.

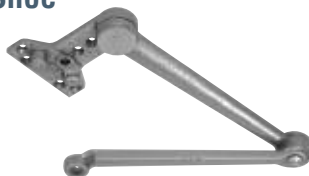


LCN® Cush-N-Stop Closer Arms

- Non-Handed Parallel Arm
- Stop In Supplied Soffit Shoe

CAT. NO.	FINISH
4040CAAL	Aluminum
4040CADU	Dark Bronze

Minimum order: 1 each.

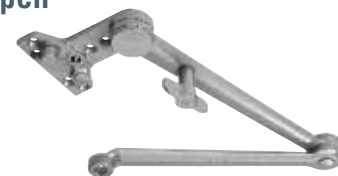


LCN® Hold Open Cush-N-Stop Closer Arms

- Non-Handed Parallel Arm
- Templated Stop/Hold-Open Points

CAT. NO.	FINISH
4040H0CAAL	Aluminum
4040H0CADU	Dark Bronze

Minimum order: 1 each.



LCN® Regular Drop Plate

- Required for Pull Side Mount Where Top Rail is Less Than 3-3/4" (95 mm)

CAT. NO.	FINISH
404018AL	Aluminum
404018DU	Dark Bronze

Minimum order: 1 each.



LCN® Top Jamb Drop Plate

- Required for Top Jamb When Jamb Face is Less Than 3-1/2" (89 mm)

CAT. NO.	FINISH
404018TJAL	Aluminum
404018TJDU	Dark Bronze

Minimum order: 1 each.



LCN® Flush Top Jamb Drop Plate

- Locates Closer Flush With Top of Frame Face in Flush Ceiling Condition

CAT. NO.	FINISH
404018GAL	Aluminum
404018GDU	Dark Bronze

Minimum order: 1 each.



LCN® Parallel Arm Drop Plate

- Required for Parallel Arm Mount Where Top Rail is Less Than 5-1/2" (140 mm)

CAT. NO.	FINISH
404018PAAL	Aluminum
404018PADU	Dark Bronze

Minimum order: 1 each.



LCN is registered trademark of Ingersoll-Rand plc, its subsidiaries and/or affiliates in the United States and other countries.

LCN® 1460 Series Surface Mounted Door Closers



- Multi-Size Adjustable Spring Power Closers Ranging in Sizes 1 Through 6
- Barrier Free and Delayed Action Models to Meet A.D.A. Barrier-Free Requirements
- Certified ANSI A156.4, Grade 1



LCN® specializes in solving door control problems through the use of high quality, innovative door control products. By adhering to high standards of performance, LCN® has earned a leadership role within the industry and is committed to providing the best door closers in the world. For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7520. You can also visit our web site at crlaurence.com.



CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
1461AL	Aluminum	1 - 6	Adjustable Spring Power
1461DU	Dark Bronze	1 - 6	Adjustable Spring Power
1461DAL	Aluminum	1 - 6	Delayed Action / Adjustable
1461DDU	Dark Bronze	1 - 6	Delayed Action / Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

Accessories for LCN® 1460 Series Door Closers

These LCN® 1460 Series Surface Closer Accessories are intended to support a wide range of mounting options and applications. Additional accessories are available upon special order.

LCN® Regular Closer Arms

- Standard, Non-Handed Arm

CAT. NO.	FINISH
1460AAL	Aluminum
1460ADU	Dark Bronze

Minimum order: 1 each.



LCN® Hold-Open Closer Arms

- Non-Handed Friction Arm

CAT. NO.	FINISH
1460H0AAL	Aluminum
1460H0ADU	Dark Bronze

Minimum order: 1 each.



LCN® Cush-N-Stop Closer Arms

- Non-Handed Parallel Arm
- Stop Supplied In Soffit Shoe

CAT. NO.	FINISH
1460CAAL	Aluminum
1460CADU	Dark Bronze

Minimum order: 1 each.



LCN® Hold Open Cush-N-Stop Closer Arms

- Non-Handed Parallel Arm
- Templated Stop/Hold-Open Points

CAT. NO.	FINISH
1460H0CAAL	Aluminum
1460H0CADU	Dark Bronze

Minimum order: 1 each.



LCN® Regular Drop Plate

- Required for Pull Side Mount Where Top Rail is Less Than 2-1/2" (64 mm)

CAT. NO.	FINISH
146018AL	Aluminum
146018DU	Dark Bronze

Minimum order: 1 each.



LCN® Parallel Arm Drop Plate

- Required for Parallel Arm Mount Where Top Rail is Less Than 4-3/8" (111 mm)

CAT. NO.	FINISH
146018PAAL	Aluminum
146018PADU	Dark Bronze

Minimum order: 1 each.



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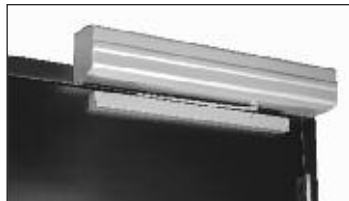
CRL Norton® 5700 Series - LEO® Low Energy Power Door Operator

- Complies With A.D.A. Accessibility Guidelines
- Retains Proper Closing Force While Providing A.D.A. Mandated Opening Force
- Meets ANSI/BHMA A156.19 and A.D.A. A156.4
- Easy to Install and Set Up
- Non-Handed
- UL Listed

Norton's 5700 Series introduces a new generation of power door operators. The patented design of the 5700 is based on ease and simplicity. It installs in minutes rather than hours, and consists of three basic components: inverter, motor, and Norton's 1601 Closer Body.

What separates the Norton® 5700 from other operators is its ability to function as a standard door closer. When the door is opened manually, there is little resistance, and the drive train and motor are not engaged. The 1601 Closer, not the motor, controls the closing cycle. Since the door closer does not back-drive the motor during the closing cycle, there is no loss of closer efficiency.

Hinge (Pull) Side



- Adjustable Stop
- 180 Degree Swing (Trim Permitting)
- Minimum Door Width
Single Door - 29" (737 mm)
Double Door - 30" (762 mm)
- Maximum Door Width 48" (1219 mm)
- An Auxiliary Stop is Suggested Where Severe Conditions Exist

Stop (Push) Side

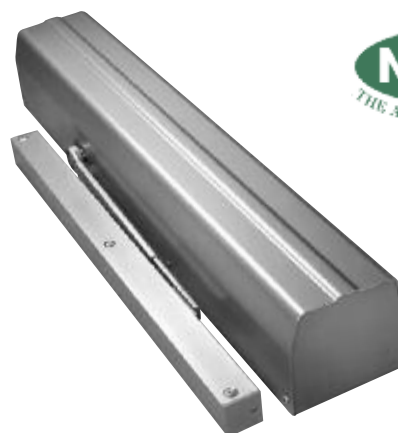


- Reveals 2-5/8" to 6-3/4" (67 to 171 mm)
- 170 Degree Swing (Trim Permitting)
- Maximum Door Width 48" (1219 mm)
- An Auxiliary Stop is Required

Motorized Operation

When activated by an optional switch or motion sensor, the unit powers the door open at both a speed and force that is adjustable to comply with accessibility codes. The door is powered from a closed position to a full open position, and remains in a momentary hold open position that can be adjusted from 0 to 30 seconds. The door is then allowed to close under the closer spring force only. Once the unit reaches full hold open position, if reinitiated, unit's momentary hold open time is restarted from the initially set hold-open time. If the unit is activated during the closing cycle, the unit reverts back to the opening cycle, beginning at that door position. If an obstruction is detected when opening, the opening cycle is ended and the door is allowed to close under the closer spring force only.

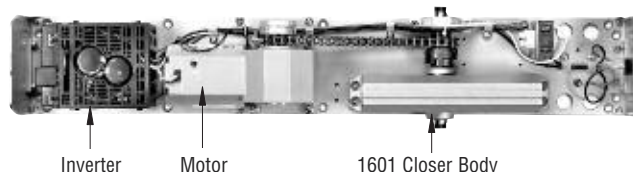
Norton® and LEO® are registered trademarks of Yale Security Inc., an ASSA ABLOY Group Company



In the event of a power outage, the door can be manually opened and will close via the door closer's spring force.

The 5700 is listed with UL and ANSI/BHMA A156.19, and meets the requirements of A.D.A. A156.4. It is ideal for offices, retirement facilities, schools, churches, and any location where extra features are not required and noise may be a concern. The operator can be activated via wall switch, radio frequency device or motion sensor, and is available for both push and pull side applications. Based on its dual functionality, ease of use and quiet operation, the 5700 offers the customer a unique choice.

NOTE: This product is a low energy power operator intended for A.D.A. assist openings only. It is not intended to be used for applications requiring a full time automatic operator.



SPECIFICATIONS:

Power Input: 120V AC, 60Hz

Current Draw: .6A

Relay Output: DPDT-N.O./N.C. (jumper)

External On/Off Switch

Adjustable Hydraulic Backcheck

Adjustable Hold Open: 0 to 30 Seconds

Warranty: 2 Year Limited

Finish: Sprayed Combination of Waterborne Acrylic and Polyester Powder Coat

Dimensions:

Body With Cover: 29" (737 mm) x 5-1/4" (133 mm)

Body Projection: 4-5/8" (117 mm)

Track Assembly: 23" (584 mm)

NOTE: Contact CRL Technical Sales for use on doors exceeding 250 lbs. (113 kg)

NOTE: Door Switches and Sensors are not included with 5700 Series Door Operators. These must be ordered separately (see next page)



UL 10C



CAT. NO.	FINISH
LE05741A	Aluminum
LE05741DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL SURFACE MOUNTED DOOR CLOSERS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Norton® 5700 Series - LEO® Accessories

CRL Norton® Automatic Door Signage

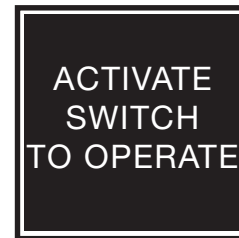
- Replacements for Standard Decal Placards



CAT. NO. LE0428
(2 per Operator)



CAT. NO. LE0429
(1 per Switch)



CAT. NO. LE0433
(1 per Switch)

These CRL Norton® Signs are supplied standard with the purchase of the 5700 Series Door Operator and Door Switches. They are also sold separately as replacements for lost or older signs. Each 5700 Series - LEO® Power Door Operator comes with two Cat. No. LE0428 Signs. Each Door Switch below comes with one each of the Cat. No. LE0429 and Cat. No. LE0433 Signs.

CAT. NO.	SIGN DESCRIPTION
LE0428	"CAUTION" Automatic Door
LE0429	A.D.A. Activate Switch to Operate
LE0433	Activate Switch to Operate

Minimum order: 1 each.

CRL Norton® Automatic Door Switches

- Large 6" x 6" Square Automatic Door Push Switch
- Available for Both Hardwired and Wireless Installations

CRL Norton® Automatic Door Switches are designed for use with the Norton® 5700 Series - LEO® Power Door Operators. Available for both hardwired and wireless type installations, the large 6" x 6" (152 x 152 mm) square button is user friendly. Both models come with one each Cat. No. LE0429 and Cat. No. LE0433 Door Signs (shown above). Minimum order is one each.



CAT. NO. LE0685



CAT. NO. LE0574

HARDWIRED DOOR SWITCH

- 6" x 6" (152 x 152 mm) Faceplate
- 15 amp @ 125V AC
- Hardwired
- Flush or Surface Mounted
- Stainless Finish With Blue Letters
- Includes One Each LE0429 and LE0433 Signs

WIRELESS (RF) DOOR SWITCH

- Wireless RF Frequency (433 MHz)
- 6" x 6" (152 x 152 mm) Faceplate
- Flush or Surface Mounted
- Stainless Finish With Blue Letters
- Includes One Each LE0429 and LE0433 Signs
- Works with Cat. No. LE0586K (Sold Separately)

CRL Norton® Motion Sensor

- Uni-Directional Motion Sensor for 5700 Series Door Operators

MOTION SENSOR

- Adjustable Angle Pattern
- Uni-directional
- Black Cover
- 24V DC Input
- SPDT Relay



4-3/4" x 3-3/16" x 2" Projection
(121 mm x 81 mm x 51 mm)

The CRL Norton® Motion Sensor is a 24V DC powered unit designed to work with the Norton® 5700 Series - LEO® Power Door Operator. Must be placed where motion at door can be sensed. Minimum order is one each.

CAT. NO. LE0663

CRL Norton® RF Receiver Kit

- Wireless Receiver Kit



RADIO FREQUENCY RECEIVER

- Wireless RF Frequency (433 MHz)
- 24V DC Power Supply
- Activation Switch Not Included
- Requires Switch No. LE0574

The CRL Norton® RF Receiver Kit is designed to work along with the Cat. No. LE0574 RF Door Switch (see above). Kit allows for wireless switch activation of our 5700 Series - LEO® Power Door Operators. Minimum order is one each.

CAT. NO. LE0586K

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CRL Jackson Overhead Concealed Door Closers

- Interchangeable With Similar Brands of Overhead Concealed Door Closers
- Available Two Ways:
 - Closer Body Only
 - Closer Kits Complete With End-Load or Side-Load Arms, Mounting Clips, and Bottom Pivot Sets
- Available in Four Fixed Spring Sizes or Adjustable Spring Models
- 5 Year Limited Warranty
- Optional Adjustable Backcheck Model
- UL Listed



A.D.A. Compliance Models Available



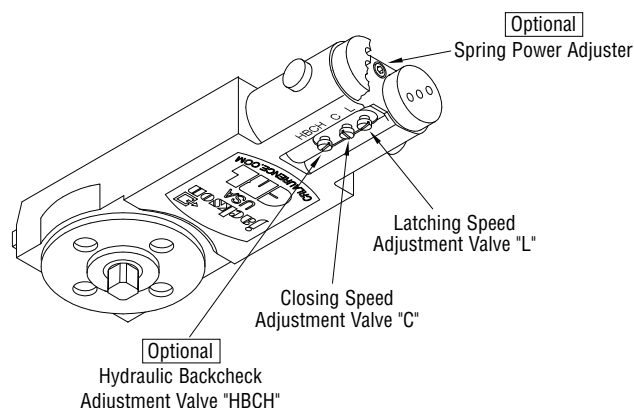
Fixed Spring Models



Adjustable Spring Power Models

Features:

- Dual Valve Closing Control - Both Sweep and Latch Speeds are Adjustable
- Four Fixed Spring Sizes, Plus Adjustable
 - XLD = Extra Light Spring
 - LD = Light Spring
 - RD = Regular Spring
 - HD = Heavy Spring
 - ADJ = Adjustable
- Non-Handed Design - Double Acting
- 90° or 105° Swing Standard
- Hold-Open or No Hold-Open
- Cushion Backstop - Provides Cushion Stop to Protect Both the Closer and Opening From Damage



Dimensions: All Jackson 20-330 Series Overhead Closers are the Same Size and Fit Into a 1-3/4" x 4" (45 x 102 mm) Header.

Length: 11-5/8" (295 mm)

Height: 1-1/2" (38 mm)

Width: 3-11/16" (94 mm)

Weight: Mechanism Only: 8 lbs. (3.6 kg)

Center-Hung Package: 10 lbs. (4.5 kg)

Offset Package: 11 lbs. (5.0 kg)

(Weights will vary depending on package type)

Warranty: 5 Year Limited Warranty

Options: Extended Length Spindles

Adjustable Hydraulic Backcheck



End-Load Arm



Side-Load Arm



Pivot Sets



Offset Arm

Accessories Available

A large selection of arms, bottom pivots, and mounting brackets to accommodate center-hung or offset hung doors. See pages 691W to 694W.

CRL Jackson Overhead Concealed Door Closers



Approximate Opening Force

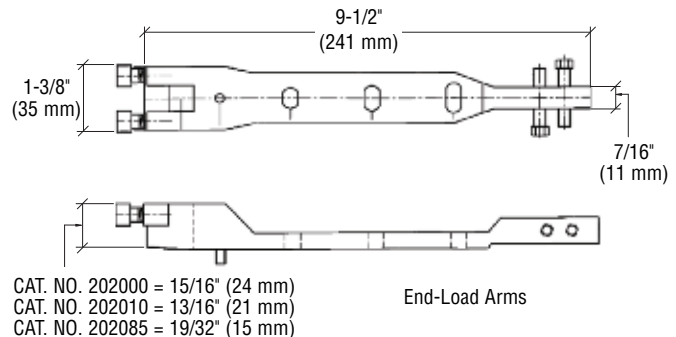
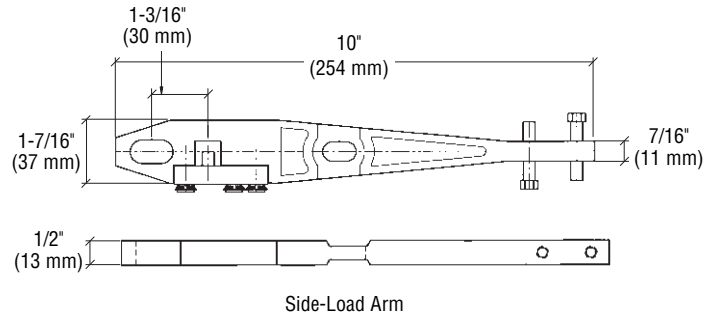
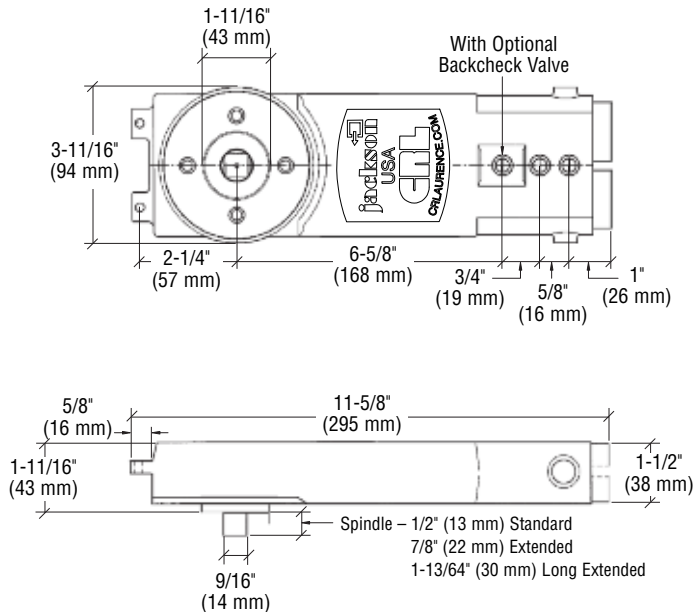
RECOMMENDED FOR LIGHT TO MEDIUM FREQUENCY USE WITH ALUMINUM, WOOD OR METAL DOORS WEIGHING UP TO 250 POUNDS (113 KG)

CLOSER SPRING SIZE	APPLICATION	APPROXIMATE AVERAGE OPENING FORCE (IN POUND FORCE) APPLICABLE DOOR SIZE (WIDTH X HEIGHT)			
		2/6 X 7/0	3/0 X 7/0	3/6 X 7/0	4/0 X 7/0
ADJUSTABLE SPRING	CENTER-HUNG OFFSET				N/A N/A
EXTRA LIGHT SPRING	CENTER-HUNG OFFSET	6	4.5	4	N/A
		8	6	5.5	5
LIGHT SPRING	CENTER-HUNG OFFSET	10	8	6	5
		14	12	10	8
MEDIUM SPRING	CENTER-HUNG OFFSET	13	11	9	7
		17	15	13	11
HEAVY SPRING	CENTER-HUNG OFFSET	17	15	13	11
		N/A	19	17	15

- NOTE:**
1. Closer Force readings are in pound force required to open the specified door width, and are taken at the lock stile.
 2. All opening forces are based on average conditions. Tall or extremely heavy doors, doors that may be subjected to wind, drafts, or extreme air conditioning pressure may require the next size closer.
 3. Although A.D.A. Closers are designed to comply with A.D.A. barrier-free opening force requirements, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.
 4. Offset applications will always increase opening force by 2 to 4 pounds due to slide track friction and therefore may not provide A.D.A. opening forces and still allow for adequate spring power to control and close the door.

CRL Jackson Overhead Closer Dimensions

All measurements shown
in inches (millimeters)



How To Order CRL Jackson Overhead Concealed Door Closers



A.D.A. Compliance Models Available



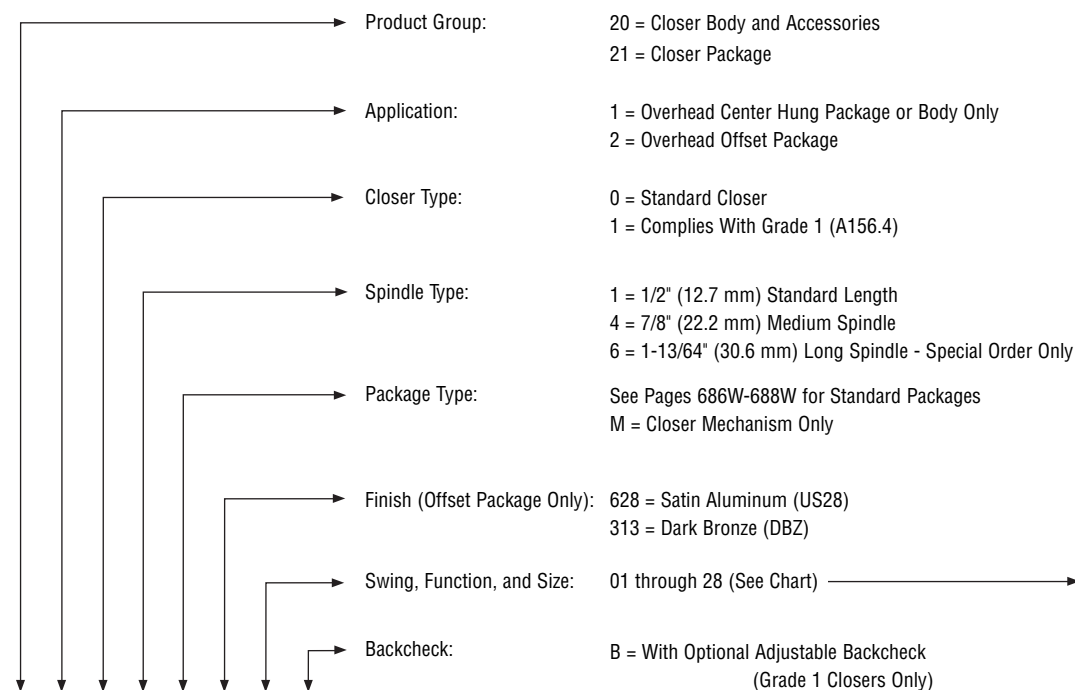
CLOSER SPRING SIZE	MAXIMUM INTERIOR DOOR	MAXIMUM EXTERIOR DOOR
Adjustable	42" (1067 mm) Wide x 96" (2438 mm) Tall	36" (914 mm) Wide x 96" (2438 mm) Tall
Extra Light	36" (914 mm) Wide x 96" (2438 mm) Tall	30" (762 mm) Wide x 96" (2438 mm) Tall
Light	42" (1067 mm) Wide x 96" (2438 mm) Tall	36" (914 mm) Wide x 96" (2438 mm) Tall
Regular	42" (1067 mm) Wide x 96" (2438 mm) Tall	36" (914 mm) Wide x 96" (2438 mm) Tall
Heavy	48" (1219 mm) Wide x 96" (2438 mm) Tall	42" (1067 mm) Wide x 96" (2438 mm) Tall



Fixed Spring Closer



Adjustable Spring Power Closer



CATALOG NUMBER
21201P62801

This example shows Cat. No. 21201P62801 which is a CRL Jackson Regular Spring Size, 105 Degree Swing, No Hold-Open Overhead Concealed Closer with the "P" Offset Slide-Arm Hardware Package. Arm Finish is Satin Aluminum.

#	SWING	FUNCTION	SPRING SIZE
01	= 105°	NH	RD
02	= 105°	HO	RD
03	= 90°	NH	RD
04	= 90°	HO	RD
05	= 105°	NH	LD
06	= 105°	HO	LD
07	= 90°	NH	LD
08	= 90°	HO	LD
09	= 105°	NH	HD
10	= 105°	HO	HD
11	= 90°	NH	HD
12	= 90°	HO	HD
13	= 105°	NH	XLD
14	= 105°	HO	XLD
15	= 90°	NH	XLD
16	= 90°	HO	XLD
NOTE: ADJ Not Available with Grade 1 Closer			
17	= 105°	NH	ADJ
18	= 105°	HO	ADJ
19	= 90°	NH	ADJ
20	= 90°	HO	ADJ
NOTE: 120° Only Available with Grade 1 Closer			
21	= 120°	NH	RD
22	= 120°	HO	RD
23	= 120°	NH	LD
24	= 120°	HO	LD
25	= 120°	NH	HD
26	= 120°	HO	HD
27	= 120°	NH	XLD
28	= 120°	HO	XLD

CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Jackson Overhead Concealed Door Closer Side-Load Arm Packages

- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Choose Adjustable Spring Power Size 1 to 4 to Meet A.D.A. Opening Force Requirements
- 5 Year Limited Warranty
- UL Listed

These Jackson Overhead Concealed Door Closers feature dual valves to control closing and latching speeds. 90 and 105 Degree Hold Open and No Hold Open models are available. Door Closers fit into standard 1-3/4" x 4" (45 x 102 mm), or larger, header extrusions. **NOTE:** Packages shown represent only the most popular combinations currently used. Other Closer types, packages, spring sizes and spindle lengths are available. See "How to Order" on page 685W.



Fixed Spring

Adjustable Spring Power

Side-Load "S" Package

- Floor Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #20219 Brackets
- #20400B Side-Load Arm
- #20902 "G" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101S17	21101S01	21101S09	105° No Hold Open
21101S18	21101S02	21101S10	105° Hold Open
21101S19	21101S03	21101S11	90° No Hold Open
21101S20	21101S04	21101S12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "GE" Package

- Threshold Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #20219 Brackets
- #20400B Side-Load Arm
- #20944 "GE" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101GE17	21101GE01	21101GE09	105° No Hold Open
21101GE18	21101GE02	21101GE10	105° Hold Open
21101GE19	21101GE03	21101GE11	90° No Hold Open
21101GE20	21101GE04	21101GE12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "BE" Package

- Threshold Mount Pivot for 1" (25 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #20219 Brackets
- #20400B Side-Load Arm
- #201155 "BE" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101BE17	21101BE01	21101BE09	105° No Hold Open
21101BE18	21101BE02	21101BE10	105° Hold Open
21101BE19	21101BE03	21101BE11	90° No Hold Open
21101BE20	21101BE04	21101BE12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "U" Package

- Threshold Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #201380 Brackets
- #20400B Side-Load Arm
- #20944 "GE" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101U17	21101U01	21101U09	105° No Hold Open
21101U18	21101U02	21101U10	105° Hold Open
21101U19	21101U03	21101U11	90° No Hold Open
21101U20	21101U04	21101U12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Visit crlaurence.com for all available CRL Jackson door closer packages.



C.R. LAURENCE COMPANY

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CRL Jackson Overhead Concealed Door Closer End-Load Arm Packages

- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Choose Adjustable Spring Power Size 1 to 4 to Meet A.D.A. Opening Force Requirements
- 5 Year Limited Warranty
- UL Listed

These Jackson Overhead Concealed Door Closers feature dual valves to control closing and latching speeds. 90 and 105 Degree Hold Open and No Hold Open models are available. Door Closers fit into standard 1-3/4" x 4" (45 x 102 mm), or larger, header extrusions. **NOTE:** Packages shown represent only the most popular combinations currently used. Other Closer types, packages, spring sizes and spindle lengths are available. See "How to Order" on page 685W.



End-Load "A" Package

- Threshold Mount Pivot for 1" (25 mm) Deep Bottom Rail
- End-Load Arm for 1" (25 mm) Deep Top Rail



CONTENTS:

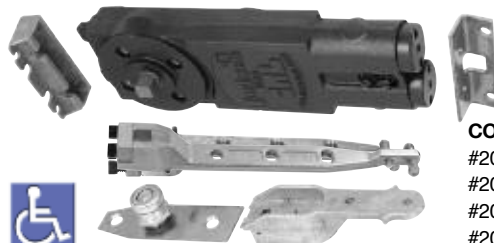
- #20330 Closer Body
- #20640 Brackets
- #202000 End-Load Arm
- #20728 "AE" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101A17	21101A01	21101A09	105° No Hold Open
21101A18	21101A02	21101A10	105° Hold Open
21101A19	21101A03	21101A11	90° No Hold Open
21101A20	21101A04	21101A12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

End-Load "AP" Package

- Floor Mount Pivot for 1-9/16" (40 mm) Deep Bottom Rail
- End-Load Arm for 1" (25 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #20219 Brackets
- #202000 End-Load Arm
- #201060 "P" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101AP17	21101AP01	21101AP09	105° No Hold Open
21101AP18	21101AP02	21101AP10	105° Hold Open
21101AP19	21101AP03	21101AP11	90° No Hold Open
21101AP20	21101AP04	21101AP12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

End-Load "AE" Package

- Threshold Mount Pivot for 1" (25 mm) Deep Bottom Rail
- End-Load Arm for 1" (25 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #20219 Brackets
- #202000 End-Load Arm
- #20728 "AE" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101AE17	21101AE01	21101AE09	105° No Hold Open
21101AE18	21101AE02	21101AE10	105° Hold Open
21101AE19	21101AE03	21101AE11	90° No Hold Open
21101AE20	21101AE04	21101AE12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

End-Load "EF" Package

- Threshold Mount Pivot for 1-9/16" (40 mm) Deep Bottom Rail
- End-Load Arm for 7/8" (22 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #20219 Brackets
- #202010 End-Load Arm
- #201410 "EF" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101EF17	21101EF01	21101EF09	105° No Hold Open
21101EF18	21101EF02	21101EF10	105° Hold Open
21101EF19	21101EF03	21101EF11	90° No Hold Open
21101EF20	21101EF04	21101EF12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Visit crlaurence.com for all available CRL Jackson door closer packages.

CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Jackson Overhead Concealed Door Closer End-Load Arm Packages

- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Choose Adjustable Spring Power Size 1 to 4 to Meet A.D.A. Opening Force Requirements
- 5 Year Limited Warranty
- UL Listed

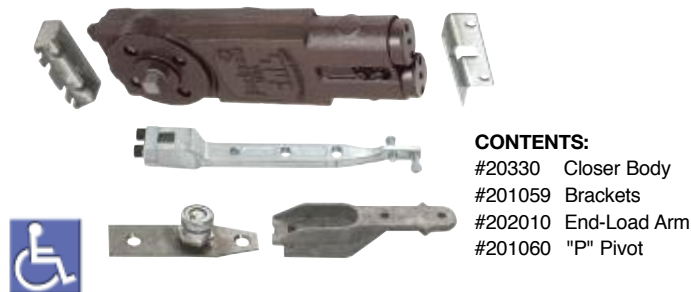
These Jackson Overhead Concealed Door Closers feature dual valves to control closing and latching speeds. 90 and 105 Degree Hold Open and No Hold Open models are available. Door Closers fit into standard 1-3/4" x 4" (45 x 102 mm), or larger, header extrusions.

NOTE: Packages shown represent only the most popular combinations currently used. Other Closer types, packages, spring sizes and spindle lengths are available. See "How to Order" on page 685W.



End-Load "P" Package

- Floor Mount Pivot for 1-9/16" (40 mm) Deep Bottom Rail
- End-Load Arm for 7/8" (22 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #201059 Brackets
- #202010 End-Load Arm
- #201060 "P" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101P17	21101P01	21101P09	105° No Hold Open
21101P18	21101P02	21101P10	105° Hold Open
21101P19	21101P03	21101P11	90° No Hold Open
21101P20	21101P04	21101P12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

End-Load "PE" Package

- Floor Mount Pivot for 1-9/16" (40 mm) Deep Bottom Rail
- End-Load Arm for 7/8" (22 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #20219 Brackets
- #202010 End-Load Arm
- #201060 "P" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101PE17	21101PE01	21101PE09	105° No Hold Open
21101PE18	21101PE02	21101PE10	105° Hold Open
21101PE19	21101PE03	21101PE11	90° No Hold Open
21101PE20	21101PE04	21101PE12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL Door Pressure Gauge

- Helps to Determine if Amount of Force Required to Open Doors Meets A.D.A. Regulations
- Range is from 0 to 35 Pounds (0 to 15.9 kg)
- Pocket Sized Tool is Simple to Use

Our Door Pressure Gauge shows amount of force (pounds or kilograms) required to open doors so you can determine if door meets A.D.A. regulations. An absolutely vital tool if working on doors in facilities requiring full access to disabled persons. It can also be used to determine the amount of rolling force required to open or close patio doors.

Minimum order is one each.



CAT. NO. HMC035

Visit crlaurence.com for all available CRL Jackson door closer packages.

CRL Jackson Overhead Concealed Door Closer Bodies Only

- Closer Body Only – Mounting Clips Not Included (See Page 691W)
- Multiple Fixed and Adjustable Spring Sizes Available
- Choice of Standard 1/2" (12 mm) Length Spindle and 7/8" (22 mm) Extended Spindle for Patch and Rail Hardware
- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- UL Listed

CRL Jackson Overhead Concealed Door Closers feature dual valves to control closing and latching speeds. 90 and 105 Degree Hold-Open and No Hold-Open models are available in multiple spring sizes. Closers fit into standard 1-3/4" x 4" (45 x 102 mm) or larger header extrusions. These Closers will retrofit existing Jackson and similar style closer bodies.

WARNING: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.



Fixed Spring Models



Adjustable Spring Models

CRL Jackson Adjustable Spring Power Overhead Concealed Door Closer Body



- Adjustable Spring Power Size 1 (Barrier-Free) to Size 4 (Regular)
- Choice of Standard 1/2" (12 mm) Length Spindle and 7/8" (22 mm) Extended Spindle for Patch and Rail Hardware
- Retrofits Existing Fixed Spring Closers
- 5 Year Limited Warranty



Although ADA Series Closers comply with ADA specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	DESCRIPTION
20101M17	20104M17	Adjustable	105° No Hold Open
20101M18	20104M18	Adjustable	105° Hold Open
20101M19	20104M19	Adjustable	90° No Hold Open
20101M20	20104M20	Adjustable	90° Hold Open

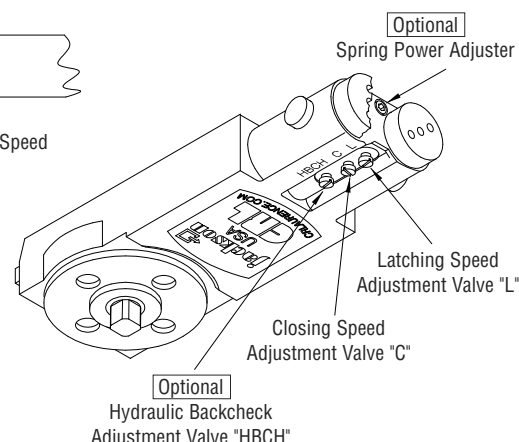
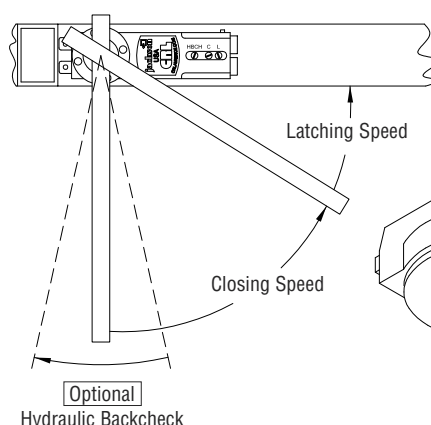
Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

NOTE: Body Only – Mounting Clips are not included. (See page 691W).

NOTE: Extra long 1-13/64" (30.6 mm) Extended Spindles are available on special order only.

CRL Jackson Closers have been fully tested and adjusted at the factory. The closing and latching speeds have been pre-set to achieve a 6 to 8 second closing cycle. The optional hydraulic backcheck has not been factory pre-set. After installation, cycle the door 10 or more times from the maximum open position to the full closed position prior to making final adjustments.

Adjustable Spring Power - The adjustable spring power has been factory pre-set to size two. To increase the spring power, turn the adjustment screw clockwise. To decrease, turn the adjustment screw counter-clockwise. Typical door opening force adjusts at the rate of approximately 1 pound force (4.5N) for each 3 to 4 revolutions of the adjustment screw.



CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Jackson Standard Overhead Concealed Door Closer Body Only



WARNING: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	DESCRIPTION
20101M01	20104M01	Regular	105° No Hold Open
20101M02	20104M02	Regular	105° Hold Open
20101M03	20104M03	Regular	90° No Hold Open
20101M04	20104M04	Regular	90° Hold Open
20101M09	20104M09	Heavy	105° No Hold Open
20101M10	20104M10	Heavy	105° Hold Open
20101M11	20104M11	Heavy	90° No Hold Open
20101M12	20104M12	Heavy	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



- Regular and Heavy Fixed Spring Sizes Available
- Choice of Standard 1/2" (12 mm) Length Spindle and 7/8" (22 mm) Extended Spindle for Patch and Rail Hardware
- 5 Year Limited Warranty

NOTE: Body Only – Mounting Clips are not included. (See page 691W).

NOTE: Extra long 1-13/64" (30.6 mm) Extended Spindles are available on special order only.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Door and Window Products.

CRL Jackson Grade 1 Overhead Concealed Door Closer Body Only With Adjustable Backcheck



WARNING: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	DESCRIPTION
20111M01B	20114M01B	Regular	105° No Hold Open
20111M02B	20114M02B	Regular	105° Hold Open
20111M03B	20114M03B	Regular	90° No Hold Open
20111M04B	20114M04B	Regular	90° Hold Open
20111M09B	20114M09B	Heavy	105° No Hold Open
20111M10B	-----	Heavy	105° Hold Open
20111M11B	-----	Heavy	90° No Hold Open
20111M12B	-----	Heavy	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



- Recommended for High-Frequency Traffic and Heavier Doors
- Adjustable Hydraulic Backcheck
- Regular and Heavy Fixed Spring Sizes Available
- Choice of Standard 1/2" (12 mm) Length Spindle and 7/8" (22 mm) Extended Spindle for Patch and Rail Hardware
- 10 Year Limited Warranty

NOTE: Body Only – Mounting Clips are not included. (See page 691W).

NOTE: Extra long 1-13/64" (30.6 mm) Extended Spindles are available on special order only. 120 Degree Open Closer is available as special order only.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Door and Window Products.



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CRL Jackson Overhead Concealed Door Closer Mounting Accessories

new



CRL Jackson 20219 Mounting Clip Set

- Standard for Most Center-Hung Applications



CAT. NO. 20219
Minimum order: 1 each.

CRL Jackson 201380 Mounting Clip Set

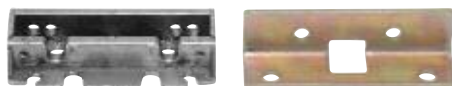
- Used in Center-Hung "U" Package Applications



CAT. NO. 201380
Minimum order: 1 each.

CRL Jackson 201059 Mounting Clip Set

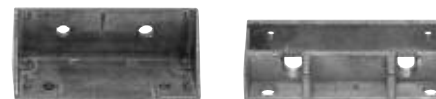
- Used in Center-Hung "P" Package Applications



CAT. NO. 201059
Minimum order: 1 each.

CRL Jackson 20640 Mounting Clip Set

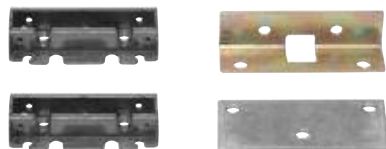
- Used in Center-Hung "A" Package Applications



CAT. NO. 20640
Minimum order: 1 each.

CRL Jackson 20951 Mounting Clip Set

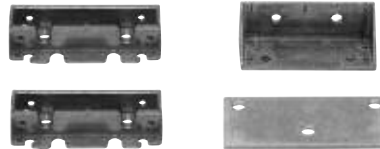
- Used in Offset "S" and "A4" Package Applications



CAT. NO. 20951
Minimum order: 1 each.

CRL Jackson 201381 Mounting Clip Set

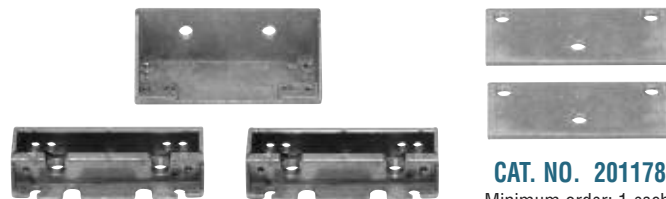
- Used in Offset "U" Package Applications



CAT. NO. 201381
Minimum order: 1 each.

CRL Jackson 201178 Mounting Clip Set

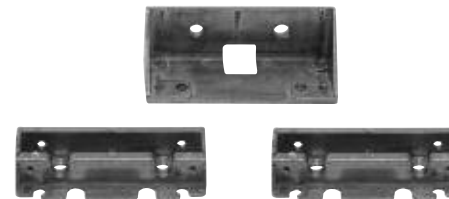
- Used in Offset "P" Package Applications



CAT. NO. 201178
Minimum order: 1 each.

CRL Jackson 201387 Mounting Clip Set

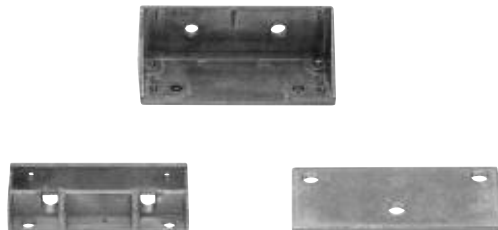
- Used in Offset With Adjustable Closer Applications



CAT. NO. 201387
Minimum order: 1 each.

CRL Jackson 201376 Mounting Clip Set

- Used in Offset "A" Package Applications



CAT. NO. 201376
Minimum order: 1 each.

CRL Jackson Cover Plates for Overhead Concealed Door Closers

- Available for Two and Three Valve Access



TWO VALVE CAT. NO.	THREE VALVE CAT. NO.	DESCRIPTION	FINISH
201103628	203152628	3-3/4" x 12-1/2" (95 x 318 mm)	Satin Aluminum
201103313	203152313	Rounded Corners	Dark Bronze
20190628	203147628	3-11/16" x 13-3/4" (94 x 349 mm)	Satin Aluminum
20190313	203147313	Square Corners	Dark Bronze

Minimum order: 1 each.

CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Jackson Overhead Concealed Door Closer Accessories

- For Use With Aluminum Doors
- Centering Bolts for Door Alignment



CRL Jackson "S" Type Side-Load Center-Hung Top Arm Assembly

- For Use With 1/2" (13 mm) Deep Top Rail



CAT. NO. 20400B

Minimum order: 1 each.

CRL Jackson "A" Type End-Load Center-Hung Top Arm Assembly

- For Use With 1" (25 mm) Deep Top Rail



CAT. NO. 202000

Minimum order: 1 each.

CRL Jackson "PT" Type End-Load Center-Hung Top Arm Assembly

- For Use With 7/8" (22 mm) Deep Top Rail



CAT. NO. 202010

Minimum order: 1 each.

CRL Jackson "K" Type End-Load Center-Hung Top Arm Assembly

- For Use With 5/8" (16 mm) Deep Top Rail



CAT. NO. 202085

Minimum order: 1 each.

CRL Jackson Short End-Load Center-Hung Top Arm Assembly

- For Use With CRL Wedge-Lock® Door Rails



CAT. NO. CRL8010AS

Minimum order: 1 each.

CRL Jackson Wood Door Side-Load Center-Hung Top Arm Assembly

new

- 5/8" (16 mm) Depth Mortised Rail
- Mortise Channel Included



CAT. NO. 20510

Minimum order: 1 each.

CRL Jackson Wood Door End-Load Center-Hung Top Arm Assembly

new

- 3/4" (19 mm) Depth Mortised Rail
- Mortise Channel Included



CAT. NO. 202090

Minimum order: 1 each.

All Closer Arms can be combined for quantity pricing.



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CRL Jackson Overhead Concealed Door Closer Accessories

- For Use With Aluminum Framed Doors
- Non-Handed



CRL Jackson Deep Mortise Type Offset Arm and Slide Channel Assembly

- 7/8" (22 mm) Depth Top Rail
- Deep Mortise Type

The Deep Mortise Type Offset Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide-track requires a minimum top rail depth of 7/8" (22 mm) to be mortised into the door.



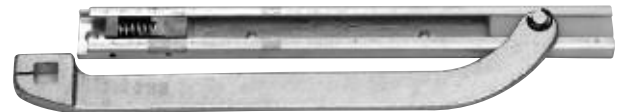
CAT. NO.	OVERALL LENGTH	ARM FINISH
20900LC628	14" (356 mm)	Aluminum
20900LC313	14" (356 mm)	Dark Bronze

Minimum order: 1 each. All Closer Arms can be combined for quantity pricing.

CRL Jackson Shallow Depth Mortise Type Offset Arm and Slide Channel Assembly

- Shallow Depth 5/8" (16 mm) Top Rail

The shallow depth Offset Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide track requires a minimum top rail depth of 5/8" (16 mm) to be mortised into the the door.



CAT. NO.	OVERALL LENGTH	ARM FINISH
201134LC628	12-7/8" (327 mm)	Aluminum
201134LC313	12-7/8" (327 mm)	Dark Bronze

Minimum order: 1 each. All Closer Arms can be combined for quantity pricing.

CRL Jackson Shallow Depth Mortise Type Offset Arm and Slide Channel Assembly

- Shallow Depth 5/8" (16 mm) Top Rail
- Provides Enhanced Pre-Load

The shallow depth Offset Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The arm provides for enhanced pre-load. The slide track requires a minimum top rail depth of 5/8" (16 mm) to be mortised into the door.



CAT. NO.	OVERALL LENGTH	ARM FINISH
201312LC628	12-7/8" (327 mm)	Aluminum
201312LC313	12-7/8" (327 mm)	Dark Bronze

Minimum order: 1 each. All Closer Arms can be combined for quantity pricing.

CRL Jackson Offset Arm Assembly Covers

- Handed – Not Reversible
- Available in Two Finishes



Left Hand



Right Hand

- Fit All Arm Assemblies Shown Above

These Offset Arm Assembly Covers provide protection to the arm assembly and enhance the aesthetics of the installation.

Dimensions: W = 2" (51 mm)
H = 7/8" (22 mm)
L = 42-1/4" (1073 mm)

CAT. NO.	HANDING	FINISH
20106628	Left Hand	Aluminum
20106313	Left hand	Dark Bronze
20117628	Right Hand	Aluminum
20117313	Right Hand	Dark Bronze

Minimum order: 1 each. All Arm Covers can be combined for quantity pricing.

CRL OVERHEAD CONCEALED DOOR CLOSERS

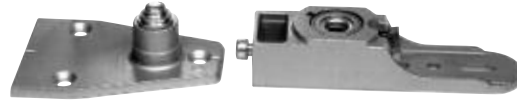
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CRL Jackson Overhead Concealed Door Closer Accessories

• For Side-Load Applications

CRL Jackson Type "G" Floor Mount Pivot Set

- For Use With 1-1/2" (38 mm) Deep Bottom Rail
- 3/16" (5 mm) Height Adjustment



CAT. NO. 20902

Minimum order: 1 each.

CRL Jackson Type "GE" Threshold Mount Pivot Set

- For Use With 1-1/2" (38 mm) Deep Bottom Rail
- 3/16" (5 mm) Height Adjustment



CAT. NO. 20944

Minimum order: 1 each.

CRL Jackson Type "BE" Threshold Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail



new

CAT. NO. 201155

Minimum order: 1 each.

• For End-Load Applications

CRL Jackson Type "GW" Floor Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail



CAT. NO. 201570

Minimum order: 1 each.

CRL Jackson Type "P" Floor Mount Pivot Set

- For Use With 1-9/16" (40 mm) Deep Bottom Rail



CAT. NO. 201060

Minimum order: 1 each.

CRL Jackson Type "AE" Threshold Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail



CAT. NO. 20728

Minimum order: 1 each.

CRL Jackson Type "EF" Threshold Mount Pivot Set

- For Use With 1-9/16" (40 mm) Deep Bottom Rail



new

CAT. NO. 201410

Minimum order: 1 each.

CRL Jackson Type "BV" Combination Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail

new



CAT. NO. 201680

Minimum order: 1 each.

CRL Jackson Type "UP" Combination Mount Pivot Set

- For Use With 1-9/16" (40 mm) Deep Bottom Rail

new



CAT. NO. 201685

Minimum order: 1 each.

All Bottom Pivots can be combined for quantity pricing.



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CRL Overhead Concealed Door Closers

CRL offers a complete line of Overhead Concealed Door Closers and Accessories. The selection includes a wide range of door closer and hardware options for both center-hung and offset installations. These products will satisfy the needs for both new and retrofit applications. Our standard Overhead Concealed Door Closer will retrofit most installations currently using other brands of similar type door closers without the need to change existing door hardware.

For additional information, contact CRL Door and Window department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Door and Window Products.

- **Interchangeable With All Jackson Style Overhead Concealed Door Closers**

- **Available Two Ways:**
 - Door Closer Body With Mounting Clips
 - Door Closer Kits Complete With End-Load or Side-Load Arms, Mounting Clips, and Bottom Pivot Sets

- **Available in Five Spring Sizes, Including Two A.D.A. Models**

- **5 Year Limited Warranty**

- **UL Listed**



A.D.A. Compliance
Models Available



Door Closer Body With Mounting Clips



Offset Arm Assembly



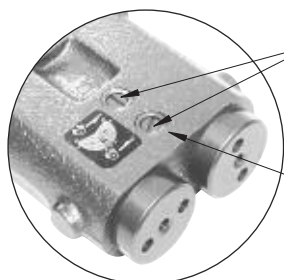
Adjustable Dual-Purpose
Bottom Pivot Set



Type "A" End-Load Arm



Type "S" Side-Load Arm



Independent Adjustment Valves

Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings

Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.

Approximate Opening Force

RECOMMENDED FOR LIGHT TO MEDIUM FREQUENCY USE WITH ALUMINUM, WOOD OR METAL DOORS WEIGHING UP TO 200 POUNDS (91 KG)

CLOSER SPRING SIZE	APPLICATION	APPROXIMATE AVERAGE OPENING FORCE (IN POUND FORCE)			
		APPLICABLE DOOR SIZE (WIDTH X HEIGHT)			
		2/6 X 7/0	3/0 X 7/0	3/6 X 7/0	4/0 X 7/0
LIGHT SPRING	Center-Hung	10	8	6	5
	Offset	14	12	10	8
MEDIUM SPRING	Center-Hung	13	11	9	7
	Offset	17	15	13	11
HEAVY SPRING	Center-Hung	17	15	13	11
	Offset	N/A	19	17	15
A.D.A. - 5 Lb.	Center-Hung	7	5	N/A	N/A
	Offset	10	8.5	6	N/A
A.D.A. - 8.5 Lb.	Center-Hung	9	8.5	5	N/A
	Offset	13	12	9	7

NOTE:

1. Closer Force readings are in pound force required to open the specified door width, and are taken at the lock stile.
2. All opening forces are based on average conditions. Tall or extremely heavy doors, doors that may be subjected to wind, drafts, or extreme air conditioning pressure may require the next size closer.
3. Although A.D.A. Door Closers are designed to comply with A.D.A. barrier-free opening force requirements, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Adjustable Spring Power Overhead Concealed Door Closers



A.D.A. Compliance Models Available



- Interchangeable With All Jackson Style Overhead Concealed Door Closers
- Adjustable Spring Power Range of 8-1/2 Pounds to Medium Spring Size
- Suitable for Doors From 36" to 42" to Meet A.D.A. Opening Force Requirements
- 5 Year Limited Warranty
- UL Listed



Independent Adjustment Valves
Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Adjustable Spring Power
Allows adjustment of spring tension from a minimum of 8-1/2 pounds opening force to a medium spring size to accommodate site conditions and requirements.

Special Retaining Rings
Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.

The CRL Adjustable Spring Power Overhead Concealed Door Closer is available to meet A.D.A. Opening Force requirements. Available as a body only with mounting clips to retrofit existing non-adjustable door closer installations, and as complete packages that includes the Door Closer, Mounting Clips, a Side-Load Arm or an End-Load Arm, and a Bottom Pivot Set. The Door Closer has independent, dual-action valves to control closing and latching speeds.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.



Although the Adjustable Spring Power Door Closer can be adjusted to compensate for site conditions, adequate closing force might not be obtained while complying with A.D.A. opening force requirements.

Door Closer Body Only

- Mounting Clips Included



REGULAR SPINDLE CAT. NO.	EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
CRL6760	CRL9760	Adjustable	90° Hold Open
CRL6762	CRL9762	Adjustable	90° No Hold Open
CRL6770	CRL9770	Adjustable	105° Hold Open
CRL6772	CRL9772	Adjustable	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "S" Package

- Adjustable Dual-Purpose Bottom Pivot for Floor or Threshold Mounting



CONTENTS:

#CRL6700 Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010DP Pivot

CAT. NO.	SPRING SIZE	TYPE
CRL8760S	Adjustable	90° Hold Open
CRL8762S	Adjustable	90° No Hold Open
CRL8770S	Adjustable	105° Hold Open
CRL8772S	Adjustable	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

End-Load "A" Package

- Adjustable Bottom Pivot for Floor or Threshold Mounting



CONTENTS:

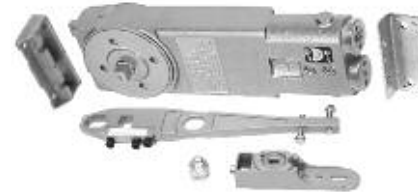
#CRL6700 Closer Body
#CRL8010FS Brackets
#CRL8010A End-Load Arm
#CRL8010DP Pivot

CAT. NO.	SPRING SIZE	TYPE
CRL8760A	Adjustable	90° Hold Open
CRL8762A	Adjustable	90° No Hold Open
CRL8770A	Adjustable	105° Hold Open
CRL8772A	Adjustable	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "GE" Package

- Adjustable Bottom Pivot for Threshold Mounting



CONTENTS:

#CRL6700 Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010GE "GE" Pivot

CAT. NO.	SPRING SIZE	TYPE
CRL8760GE	Adjustable	90° Hold Open
CRL8762GE	Adjustable	90° No Hold Open
CRL8770GE	Adjustable	105° Hold Open
CRL8772GE	Adjustable	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



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CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Overhead Concealed Door Closer Side-Load Packages



A.D.A. Compliance Models Available



- Interchangeable With All Jackson Style Overhead Concealed Door Closers
- For Doors With 1/2" (12.7 mm) Top Rail Depth
- 5 Year Limited Warranty
- UL Listed



Independent Adjustment Valves
Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings
Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.

These Overhead Door Closer Kits consist of a Medium Spring Size Door Closer, Mounting Clips, the specified Side-Load Arm, and the specified Bottom Pivot Set. The Door Closer has independent, dual-action valves to control closing and latching speeds. Both 90 and 105 Degree Hold Open and No Hold Open models are available. Door Closer Bodies fit into standard 1-3/4" x 4" (44 x 102 mm), or larger, extrusions.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.



Although the Adjustable Spring Power Door Closer can be adjusted to compensate for site conditions, adequate closing force might not be obtained while complying with A.D.A. opening force requirements.

Side-Load "S" Package

- Adjustable Dual-Purpose Bottom Pivot for Floor or Threshold Mounting



CONTENTS:

#CRL7100 Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010DP Pivot

CAT. NO.	SPRING SIZE	TYPE
CRL8160S	Medium	90° Hold Open
CRL8162S	Medium	90° No Hold Open
CRL8170S	Medium	105° Hold Open
CRL8172S	Medium	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "GE" Package

- Adjustable Bottom Pivot for Threshold Mounting



CONTENTS:

#CRL7100 Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010GE "GE" Pivot

CAT. NO.	SPRING SIZE	TYPE
CRL8160GE	Medium	90° Hold Open
CRL8162GE	Medium	90° No Hold Open
CRL8170GE	Medium	105° Hold Open
CRL8172GE	Medium	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load A.D.A. "S" Package

- Adjustable Dual-Purpose Bottom Pivot for Floor or Threshold Mounting



CONTENTS:

#CRL6900 Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010DP Pivot

CAT. NO.	SPRING SIZE	TYPE
CRL8960A	A.D.A. - 8.5 Lb.	90° Hold Open
CRL8962A	A.D.A. - 8.5 Lb.	90° No Hold Open
CRL8970A	A.D.A. - 8.5 Lb.	105° Hold Open
CRL8972A	A.D.A. - 8.5 Lb.	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load A.D.A. "GE" Package

- Adjustable Bottom Pivot for Threshold Mounting



CONTENTS:

#CRL6900 Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010GE "GE" Pivot

CAT. NO.	SPRING SIZE	TYPE
CRL8960GE	A.D.A. - 8.5 Lb.	90° Hold Open
CRL8962GE	A.D.A. - 8.5 Lb.	90° No Hold Open
CRL8970GE	A.D.A. - 8.5 Lb.	105° Hold Open
CRL8972GE	A.D.A. - 8.5 Lb.	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Overhead Concealed Door Closer End-Load Packages



A.D.A. Compliance Models Available



- Interchangeable With All Jackson Style Overhead Concealed Door Closers
- For Doors With 1" (25 mm) Top Rail Depth
- Includes All Necessary Parts
- 5 Year Limited Warranty
- UL Listed



Independent Adjustment Valves

Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings

Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.

These Overhead Door Closer Kits consist of a Medium Spring Size Door Closer, Mounting Clips, Type "A" End-Load Arm, and a "DP" Adjustable Dual-Purpose Bottom Pivot Set. The Door Closer has independent, dual-action valves to control closing and latching speeds. Both 90 and 105 Degree Hold Open and No Hold Open models are available. Door Closer Bodies fit into standard 1-3/4" x 4" (44 x 102 mm), or larger, extrusions. For Door Closers with different spring sizes or hardware options, see Door Closer Bodies with Mounting Clips and Overhead Concealed Door Closer Accessories on pages 699W and 703W to 705W.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.



Although the Adjustable Spring Power Door Closer can be adjusted to compensate for site conditions, adequate closing force might not be obtained while complying with A.D.A. opening force requirements.

End-Load "A" Package

- Adjustable Dual-Purpose Bottom Pivot for Floor or Threshold Mounting



CONTENTS:

#CRL7100 Closer Body
#CRL8010FS Brackets
#CRL8010A End-Load Arm
#CRL8010DP Pivot

CAT. NO.	SPRING SIZE	TYPE
CRL8160A	Medium	90° Hold Open
CRL8162A	Medium	90° No Hold Open
CRL8170A	Medium	105° Hold Open
CRL8172A	Medium	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

End-Load A.D.A. "A" Package

- Adjustable Dual-Purpose Bottom Pivot for Floor or Threshold Mounting



CONTENTS:

#CRL6900 Closer Body
#CRL8010FS Brackets
#CRL8010A End-Load Arm
#CRL8010DP Pivot

CAT. NO.	SPRING SIZE	TYPE
CRL8960A	A.D.A. - 8.5 Lb.	90° Hold Open
CRL8962A	A.D.A. - 8.5 Lb.	90° No Hold Open
CRL8970A	A.D.A. - 8.5 Lb.	105° Hold Open
CRL8972A	A.D.A. - 8.5 Lb.	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL Door Pressure Gauge

- Helps to Determine if Amount of Force Required to Open Doors Meets A.D.A. Regulations
- Range is From 0 to 35 Pounds (0 to 15.9 kg)
- Pocket Sized Tool is Simple to Use



Our Door Pressure Gauge shows amount of force (pounds or kilograms) required to open doors so you can determine if door meets A.D.A. regulations. An absolutely vital tool if working on doors in facilities requiring full access to disabled persons. It can also be used to determine the amount of rolling force required to open or close patio doors. Minimum order is one each.

CAT. NO. HMC035



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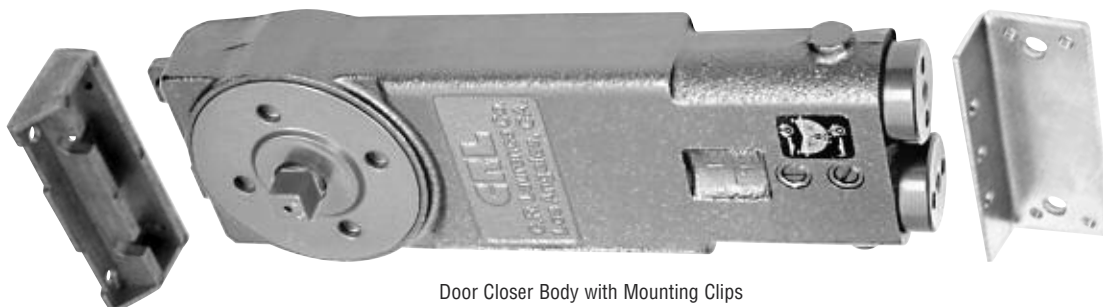
CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Overhead Concealed Door Closer Bodies With Mounting Clips



A.D.A. Compliance Models Available

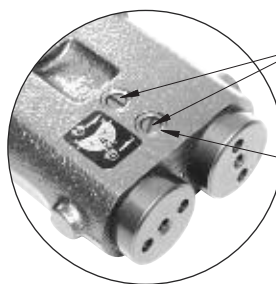


Door Closer Body with Mounting Clips

- Interchangeable With All Jackson Style Overhead Concealed Door Closers
- 20 Models Available
- 5 Year Limited Warranty
- UL Listed

There are two advantages to buying our Door Closer Bodies with Mounting Clips. The first is if you are only replacing a worn out Door Closer, you will reduce your costs by not purchasing unnecessary hardware. The second is that by adding accessories you can get a Door Closer with the exact accessories you need for the job you are doing. Just select a Door Closer from the charts below and add the different accessory parts (Pivots, Arms, etc.) you need to create the Door Closer package of your choice. Each Door Closer Body comes packaged with Mounting Clips, Templates, and Instructions.

- Select From the Accessories on Pages 703W to 705W to Get Exactly the Package You Need to Complete the Job
- Conveniently Packaged With Templates and Instructions



Independent Adjustment Valves
Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings
Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.



REQUIRED DOOR CLOSER SPRING SIZE FOR YOUR APPLICATION

SERIES	SPRING SIZE	DOOR SIZE
CRL7000	Light	Up to 30" (762 mm) Wide x 96" (2438 mm) High
CRL7100	Medium	31" to 41" (787 to 1041 mm) Wide x 96" (2438 mm) High
CRL7200	Heavy	42" to 48" (1067 to 1219 mm) Wide x 96" (2438 mm) High
CRL6700	Adjustable	Up to 42" (1067 mm) Wide x 96" (2438 mm) High
CRL6800	A.D.A.- 5 Lb. (Interior)*	36" (914 mm) Wide x 96" (2438 mm) High
CRL6900	A.D.A.- 8.5 Lb. (Exterior)*	36" (914 mm) Wide x 96" (2438 mm) High

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Weight and Size Limitations

Door Weight: 200 Lbs. (91 kg)
Exterior Door Width: 42" (1067 mm)
Interior Door Width: 48" (1219 mm)
All Doors Height: 96" (2438 mm)

STANDARD MODEL DOOR CLOSER BODIES

SPRING SIZE	90° HOLD OPEN CAT. NO.	90° NO HOLD OPEN CAT. NO.	105° HOLD OPEN CAT. NO.	105° NO HOLD OPEN CAT. NO.
Light	CRL7060	CRL7062	CRL7070	CRL7072
Medium	CRL7160	CRL7162	CRL7170	CRL7172
Heavy	CRL7260	CRL7262	CRL7270	CRL7272

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

A.D.A. COMPLIANCE MODEL DOOR CLOSER BODIES MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT



SPRING SIZE	90° HOLD OPEN CAT. NO.	90° NO HOLD OPEN CAT. NO.	105° HOLD OPEN CAT. NO.	105° NO HOLD OPEN CAT. NO.
Adjustable	CRL6760	CRL6762	CRL6770	CRL6772
A.D.A.- 5 Lb.	CRL6860	CRL6862	CRL6870	CRL6872
A.D.A.- 8.5 Lb.	CRL6960	CRL6962	CRL6970	CRL6972

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Overhead Concealed Door Closers for Patch Fittings and Door Rails



A.D.A. Compliance Models Available



- Interchangeable With All Jackson Style Overhead Concealed Door Closers
- Extended 3/4" (19 mm) Long Spindle for Use With Patch Fittings and Door Rail Hardware
- New Adjustable Models
- 5 Year Limited Warranty
- UL Listed
- Conveniently Packaged With Templates and Instructions



Door Closer Body with Mounting Clips

These Overhead Concealed Door Closers have a longer spindle [approximately 3/4" (19 mm)], which is the preferred length when used in conjunction with Patch Fittings or Door Rail Hardware. The Door Closer has dual action, non-critical valves for independent closing operation. 90 and 105 Degree Hold Open and No Hold Open models are available. Mounting Clips and instructions are included with each Door Closer Body.

OVERHEAD DOOR CLOSERS FOR PATCH FITTINGS AND DOOR RAILS

CAT. NO.	SPRING SIZE	TYPE
CRL9760	Adjustable	90° Hold Open
CRL9762	Adjustable	90° No Hold Open
CRL9770	Adjustable	105° Hold Open
CRL9772	Adjustable	105° No Hold Open
CRL9970	A.D.A. – 8.5 Lb. *	105° Hold Open
CRL9972	A.D.A. – 8.5 Lb. *	105° No Hold Open
CRL9160	Medium	90° Hold Open
CRL9162	Medium	90° No Hold Open
CRL9170	Medium	105° Hold Open
CRL9172	Medium	105° No Hold Open
CRL9260	Heavy	90° Hold Open
CRL9262	Heavy	90° No Hold Open
CRL9270	Heavy	105° Hold Open
CRL9272	Heavy	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

Extended Length Spindle

3/4" (19 mm) Length Spindle for use with Patch Fittings and Door Rail Hardware or when extra reach is needed.

Independent Adjustment Valves

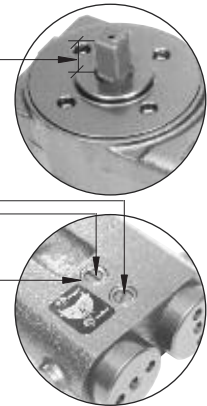
Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings

Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.

Weight and Size Limitations

Door Weight: 200 Lbs. (91 kg)
Exterior Door Width: 42" (1067 mm)
Interior Door Width: 48" (1219 mm)
All Doors Height: 96" (2438 mm)



CRL Patch Fittings and Door Rails for Use With Overhead Concealed Door Closers

- Fits All Door Closers Listed Above
- Available in Popular Architectural Finishes

- See Our Complete Wedge-Lock® Door Rail and Patch Door Rail Hardware Selection at crlaurence.com



- See Our Complete Patch Fitting Selection at crlaurence.com



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CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Replacement Overhead Concealed Door Closers for Original Kawneer® Husky®

- Spindle Set in the Diamond Position at 0°
- Replace Existing Pre-1998 Original Kawneer® Husky® Closers
- 5 Year Limited Warranty
- UL Listed

This CRL Overhead Concealed Door Closer incorporates a spindle set in the diamond position, instead of a square position, at 0 degrees. This enables door installers to replace existing pre-1998 Kawneer® original style Husky® Door Closers without the need to change the door arm, which requires a diamond pattern spindle engagement. With the addition of our Retrofit Clips for either 4" or 4-1/2" (102 or 114 mm) headers, the existing door closer can be replaced without the need to replace any additional door hardware. The existing Center-Hung or Offset Arms can be used, as well as the existing pivot.

These Overhead Concealed Door Closers are available in 105 degree Hold Open and No Hold Open styles, with Medium Spring Size, and an 8.5 pound model for A.D.A. exterior door applications. A diamond pattern End-Load Center-Hung Replacement Arm, Cat. No. CRL8010H, is also available.

NOTE: May require considerable alterations to retrofit. Mounting Clips shown below are sold separately and are required to mount Closer.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.



A.D.A. Compliance Models Available



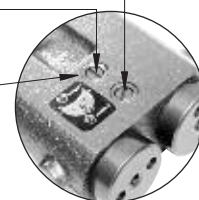
Door Closer Body Only

Independent Adjustment Valves

Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings

Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.



REPLACEMENT OVERHEAD CONCEALED DOOR CLOSER BODIES

105° HOLD OPEN CAT. NO.	105° NO HOLD OPEN CAT. NO.	SPRING SIZE	DOOR SIZE (WIDTH)
CRL7770	CRL7772	Medium	31" to 41" (787 to 1041 mm)
CRL7670	CRL7672	A.D.A – 8.5 Lb. *	36" to 48" (914 to 1219 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

CRL "H" Type Diamond Position End-Load Arm Assembly

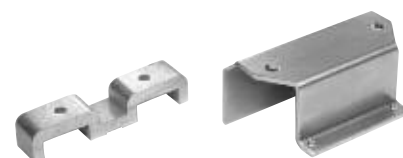


"H" Type End Load Arms are designed for use with the pre-1998 original Kawneer® Husky® style Door Closers and CRL Diamond Spindle Retrofit Door Closers. Minimum order is one each.

CAT. NO. CRL8010H

CRL Retrofit Mounting Clip Set for Kawneer® Husky®

These Mounting Clip Sets allow you to use our Overhead Concealed Door Closers in headers fabricated for pre-1998 Kawneer® Husky® Door Closers (the 24-3/8" long ones).



CAT. NO.	USED WITH
CRL8010RK4	4" (102 mm) Header
CRL8010RK45	4-1/2" (114 mm) Header

Minimum order: 1 each.

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CRL OVERHEAD CONCEALED DOOR CLOSERS

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CRL Overhead Concealed Door Closer Accessories

All Mounting Clip Sets can be combined for quantity pricing.

CRL "JO" Type Offset Arm Assembly

- 7/8" (22 mm) Depth Top Rail
- Deep Mortise Type



Replacement Vinyl Slide Block Cat. No. JO5B



The "JO" Type Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide-track requires a minimum top rail depth of 7/8" (22 mm) to be mortised into the door. For a replacement Vinyl Slide Block order Cat. No. JO5B.

CAT. NO.	FINISH
CRL8010JOXAL	Painted Aluminum
CRL8010JOXBRZ	Painted Dark Bronze
JO5B	Replacement Vinyl Slide

Minimum order: 1 each. All Door Closer Arms can be combined for quantity pricing.

CRL "VO" Type Offset Arm Assembly

- 9/16" (14 mm) Depth Top Rail
- Shallow Mortise Type



Replacement Vinyl Slide Block Cat. No. VO5B



The "VO" Type Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide-track requires a minimum top rail depth of 9/16" (14 mm) for shallow mortise installation. For a replacement Vinyl Slide Block order Cat. No. VO5B.

CAT. NO.	FINISH
CRL8020VOXAL	Painted Aluminum
CRL8020VOXBRZ	Painted Dark Bronze
VO5B	Replacement Vinyl Slide

Minimum order: 1 each.

CRL Standard Mounting Clip Set



This Mounting Clip Set is the standard set supplied with all of our Overhead Concealed Door Closers. Minimum order is one each.

CAT. NO. CRL8010FS

CRL Optional Mounting Clip Set



This Mounting Clip Set is commonly used with Arch Aluminum type of installations. Minimum order is one each.

CAT. NO. CRL8010FA

CRL Optional Mounting Clip Set

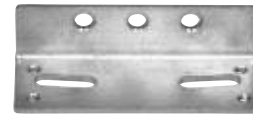


This Mounting Clip Set is used on Kawneer® Doors, and with the CRL8010CP Cover Plate. Minimum order is one each.

CAT. NO. CRL8010FK

CRL Optional Adjustable Mounting Clip

- Fits All CRL Style Overhead Concealed Closers



This Adjustable Mounting Clip allows the door closer to be adjusted within the header to help center the door. Minimum order is one each.

CAT. NO. CANBRKT

CRL Optional Mounting Clip Set



This Mounting Clip Set is commonly used with U.S. Aluminum type of installations. Minimum order is one each.

CAT. NO. CRL8010FU

CRL Cover Plate for Overhead Concealed Door Closers

This Cover Plate is designed for use with aluminum headers. Spindle and valve access holes are pre-fabricated. Requires Cat. No. CRL8010FK Mounting Clip Set to attach. Minimum order is one each.



CAT. NO.	FINISH
CRL8010CPAL	Aluminum
CRL8010CPDU	Dark Bronze

Minimum order: 1 each.

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CRL Overhead Concealed Door Closer Accessories

All Closer Arms can be combined for quantity pricing.

CRL Short End-Load Center-Hung Top Arm Assembly

- **Designed to Fit CRL Wedge-Lock® Door Rails**

Short End-Load Top Arms are specially designed to fit the CRL Wedge-Lock® Door Rail System. This Arm simply bolts to the pre-installed slide-block on the top rail, and can be adjusted to help center the door once the Arm is attached to the closer. Minimum order is one each.



CAT. NO. CRL8010AS

CRL "A" Type End-Load Center-Hung Top Arm Assembly

- **1" (25 mm) Depth Top Rail**

"A" Type End-Load Top Arms have no in or out adjustment. The two bolts in the end of the Arm adjust the centering of the door. Used in 1" (25 mm) depth top rails with an opening at the end of the rail. Minimum order is one each.



CAT. NO. CRL8010A

CRL "PT" Type End-Load Center-Hung Top Arm Assembly

- **7/8" (22 mm) Depth Top Rail**

"PT" Type End-Load Top Arms have no in or out adjustment. The two bolts in the end of the Arm adjust the centering of the door. Used in 7/8" (22 mm) depth top rails with an opening at the end of the rail. Minimum order is one each.



CAT. NO. CRL8010PT

CRL "K" Type End-Load Center-Hung Top Arm Assembly

- **5/8" (16 mm) Depth Top Rail**

"K" Type End-Load Top Arms have no in or out adjustment. The two bolts in the end of the Arm adjust the centering of the door. Used in 5/8" (16 mm) depth top rails with an opening at the end of the rail. Minimum order is one each.



CAT. NO. CRL8010K

CRL "S" Type Side-Load Center-Hung Top Arm Assembly

- **1/2" (12 mm) Depth Top Rail**

"S" Type Adjustable Side-Load Top Arms have an adjusting screw at the end of the Arm to allow the door to be adjusted in or out to match the jambs. The two bolts in the other end of the Arm adjust the centering of the door. Used in 1/2" (12 mm) depth top rails with a notch in the side. Minimum order is one each.



CAT. NO. CRL8010S

CRL Replacement Hardware

- **Fits End-Load Center-Hung Arms**



CAT. NO.

DESCRIPTION

ELB2

End-Load Arm Block With Two Screws

ELS1

Screws and Lock Washers Only – Two Per Package

Minimum order: 1 each.

CRL Replacement Hardware

- **Fits Side-Load Center-Hung Arms**



CAT. NO.

DESCRIPTION

CRL8010SCP

Side-Load Arm Cover Plate

SLB3

Side-Load Arm Block With Three Screws

SLS1

Screws and Lock Washers Only – Three Per Package

Minimum order: 1 each.

CRL Center-Hung Floor Mounted Bottom Pivots

CRL Adjustable Dual-Purpose Bottom Pivot Set

- Dual-Purpose Pivot Mounts Directly to Floor or Threshold
- For Use With Both End-Load and Side-Load Arms

This Adjustable Dual-Purpose Bottom Pivot Set is for use with 1" (25 mm) deep bottom door rail applications, and is the standard Bottom Pivot Set supplied with our "S" and "A" Type Door Closer packages. It can be used with the base plate for floor mounting or attached directly to the threshold. A 3/16" (5 mm) height adjustment is possible with the door on or off the pivot. This Pivot is suitable for either end-load or side-load center-hung applications. Maximum weight capacity is 200 pounds (90.7 kg). Minimum order is one each.



CAT. NO. CRL8010DP

CRL Heavy-Duty Adjustable Dual-Purpose Bottom Pivot Set

- Dual-Purpose Pivot Mounts Directly to Floor or Threshold
- For Use With Both End-Load and Side-Load Arms

This Heavy-Duty Adjustable Dual-Purpose Pivot Set is for use with 1" (25 mm) deep bottom door rail applications, and can be used in place of the standard Bottom Pivot Set. The solid steel base plate has additional mounting holes to support heavier doors with higher traffic. A 3/16" (5 mm) height adjustment is possible with the door on or off the pivot. This Pivot is suitable for either end-load or side-load center-hung applications. Maximum weight capacity is 200 pounds (90.7 kg). Minimum order is one each.

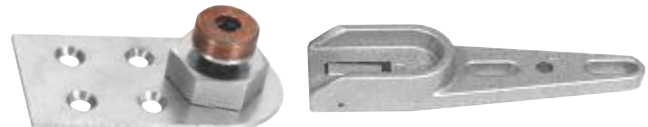


CAT. NO. CRL8010HDP

CRL Door-On Adjustable Bottom Pivot Set

- Bottom Clearance Adjustable From 1/4" to 1/2" (6 to 12 mm)
- For Use With End-Load Arm Applications

This Door-On Adjustable Bottom Pivot Set is intended for use with end-load applications, and can be used with bottom door rails with a minimum of 1" (25 mm) depth. This Pivot allows the door clearance to be adjusted from 1/4" to 1/2" (6 to 12 mm) with the door installed. Maximum weight capacity is 200 pounds (90.7 kg). Minimum order is one each.



CAT. NO. CRL8010ADJ

CRL Adjustable Side-Load Floor Mount Bottom Pivot Set

- "G" Type for Use With Side-Load Arms
- 3/16" (5 mm) Height Adjustment

This Adjustable Bottom Pivot Set is for use with 1-1/2" (38 mm) deep bottom door rail applications. It mounts directly to the floor, and is intended for use with side-load applications. A 3/16" (5 mm) height adjustment is possible with the door installed, and requires an adjustment hole in the end of the door. Maximum weight capacity is 150 pounds (68 kg). Minimum order is one each.



CAT. NO. CRL8010G

CRL Adjustable Side-Load Threshold Mount Bottom Pivot Set

- "GE" Type for Use With Side-Load Arms
- 3/16" (5 mm) Height Adjustment

This Adjustable Bottom Pivot Set is for use with 1-1/2" (38 mm) deep bottom door rail applications. It mounts to the threshold and is intended for use with side-load applications. A 3/16" (5 mm) height adjustment is possible with the door installed, and requires an adjustment hole in the end of the door. Maximum weight capacity is 150 pounds (68 kg). Minimum order is one each.



CAT. NO. CRL8010GE

CRL Center-Hung Floor Mounted Bottom Pivots

CRL Automatic Door Bottom Pivot

- **Allows Doors to Swing Free**

This is a 1" (25 mm) diameter Center-Hung Type Pivot used with Dor-O-Matic® type automatic doors to allow a door to swing free. Minimum order is one each.

Dor-O-Matic is a registered trademark of Ingersoll-Rand Company

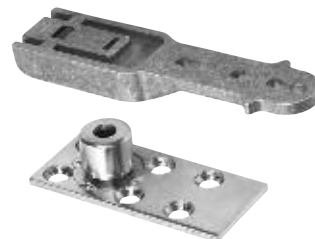


CAT. NO. CRL8010DBP

CRL Complete Heavy-Duty Bottom Pivot With Plate

- **Designed to Fit CRL Wedge-Lock™ Door Rails**

This Heavy-Duty Floor Mounted Bottom Pivot With Plate is designed to be used with CRL Wedge-Lock™ Door Rail Systems. Minimum order is one each.



CAT. NO. CRL8010BP

CRL Heavy-Duty Free-Swinging Bottom Pivot Set

- **Designed to Fit CRL Wedge-Lock™ Door Rails**



This Heavy-Duty Bottom Pivot Set is specially designed to fit CRL Wedge-Lock™ Door Rails. Minimum order is one each.

CAT. NO. CRL8010SET

CRL Threshold Base Plate

- **For Use With CRL8010SET Bottom Pivot**
- **Allows the Use of a 1/2" (12.7 mm) High Threshold**



The Threshold Base Plate is designed to support the door weight when used with our Cat. No. CRL8010SET Heavy-Duty Free-Swinging Bottom Pivot Set. The base plate mounts to the floor, and allows the use of a 1/2" (12.7 mm) high threshold. Minimum order is one each.

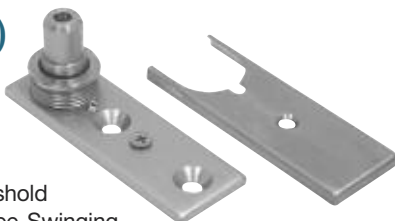
CAT. NO. CRL8010TBP

CRL Floor Mounted Adjustable Free-Swinging Pivot

- **220 Pound (100 kg) Capacity**
- **3/16" (5 mm) Height Adjustment**

This CRL Adjustable Threshold or Floor Mounted Bottom Free-Swinging Pivot provides a 3/16" (5 mm) height adjustment, and is ideal for use with our PH10C, PH11C, and EUR410 Bottom Door Patch Fittings. Minimum order is one each.

CAT. NO. 1NT403



CRL Floor Mounted Free-Swinging Pivot

- **7/8" (22 mm) Flat Tapered Spindle**
- **440 Pound (200 kg) Capacity**

CRL Floor Mounted Free-Swinging Pivot with 7/8" (22 mm) flat tapered type spindle for use with CRL Patch and Door Rail Systems. Minimum order is one each.

CAT. NO. 1NT402



CRL Floor Mounted Adjustable Free-Swinging Pivot

- **"MAB" Square Tapered Spindle**
- **220 Pound (100 kg) Capacity**

This Adjustable Bottom Pivot requires a 7/8" to 1" (22 to 25.4 mm) diameter hole. "Mab" style square tapered type spindle provides 1/4" (6 mm) height adjustment. Ideal for use with our PH10D and PH11D Bottom Door Patch Fittings. Minimum order is one each.

Dor-O-Matic is a registered trademark of Dor-O-Matic, LLC.

CAT. NO. 1NT404



CRL Floor Mounted Adjustable Free-Swinging Pivot

- **Flat Tapered Spindle**
- **220 Pound (100 kg) Capacity**

This Adjustable Bottom Pivot requires a 7/8" to 1" (22 to 25.4 mm) diameter hole. Flat tapered type spindle provides 1/4" (6 mm) height adjustment. Ideal for use with CRL Patch and Door Rail Systems. Minimum order is one each.

CAT. NO. 1NT406



DORMA® RTS88 Series Overhead Concealed Door Closers

- Standard and A.D.A. Compliant Spring Sizes
- Regular and Extended Spindles Available
- Accommodates Doors Weighing Up to 250 Lbs.
- Suitable for Doors Up to 48" (1219 mm) Wide
- Five Year Warranty

new



The Dorma® RTS88 Series Overhead Concealed Closers are designed to fit into a 1-3/4" x 4" (44 x 102 mm) header for aluminum frames. The closer is capable of accommodating doors weighing up to a maximum of 250 pounds (113 kg) with exterior doors up to 42" (1067 mm) and interior doors up to 48" (1219 mm).

The non-handed, double-acting closer is available in 90 degree or 105 degree swing models with hold or no hold open functions. Sweep and latch closing speeds are controlled by two independent, non-critical temperature compensating valves. Available in both standard and extended spindle lengths to accommodate most door types.



Regular Spindle Models



Extended Spindle Models

REGULAR SPINDLE HOLD-OPEN CAT. NO.	REGULAR SPINDLE NO HOLD-OPEN CAT. NO.	EXTENDED SPINDLE HOLD-OPEN CAT. NO.	EXTENDED SPINDLE NO HOLD-OPEN CAT. NO.	DEGREE	SPRING SIZE	DOOR SIZE
RTS88105H0BF1 RTS88105H0BFE	RTS88105NH0BF1 RTS88105NH0BFE	RTS88105XH0BF1 RTS88105XH0BFE	RTS88105XNHBF1 RTS88105XNHBF2	105° 105°	BF1 BFE	ADA 5 lb. Max. at 36" Door ADA 8.5 lb. Max. at 36" Door
RTS8890H03 RTS88105H03	RTS8890NH03 RTS88105NH03	RTS8890XH03 RTS88105XH03	RTS8890XNH03 RTS88105XNH03	90° 105°	3 3	Ext: 30" to 36" – Int: 36" to 42" Ext: 30" to 36" – Int: 36" to 42"
RTS8890H04 RTS88105H04	RTS8890NH04 RTS88105NH04	--- ---	--- ---	90° 105°	4 4	Ext: 36" to 42" – Int: 42" to 48" Ext: 36" to 42" – Int: 42" to 48"

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

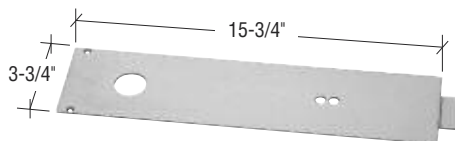


Although DORMA® RTS88 BFI / BFE Series Closers comply with barrier-free ADA specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the Closer and entryway due to over-extension of maximum allowable door swing.

Dorma® RTS Series Cover Plates

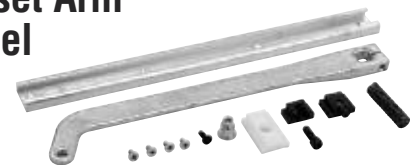
The Dorma® Cover Plate is designed for use with aluminum type headers and fits the RTS Series Overhead Concealed Closers. Spindle and valve access holes are pre-fabricated.



CAT. NO.	FINISH
RTS8563AL	Aluminum
RTS8563DU	Dark Bronze

Minimum order: 1 each

Dorma® RTS Offset Arm and Slide Channel



This Dorma® RTS Offset Arm and Slide Channel Set is intended for use with 3/4" (19 mm) deep top rails. The non-handed assembly includes a slide-track, offset arm and all mounting hardware. It is used with aluminum, steel or wood doors, hung on 3/4" (19 mm) offset pivots or 4-1/2" (114.3 mm) wide butt hinges. Requires a minimum 3/4" (19 mm) top door rail depth. Minimum order is one each.

CAT. NO. RTS8812

DORMA is a registered trademark of DORMA Properties, Inc.

LCN® 2030 Series Overhead Concealed Door Closers

LCN®

- Heavy-Duty Closer Designed to Fit in a 1-3/4" x 4" Header
- Fixed Spring Sizes for Doors Up to 54"
- Barrier-Free Models to Meet A.D.A. Barrier-Free Requirements
- Certified ANSI A156.4, Grade 1
- UL and C-UL Listed for Self Closing Doors

new



LCN® specializes in solving door control problems through the use of high quality, innovative door control products. By adhering to high standards of performance, LCN® has earned a leadership role within the industry and is committed to providing the best door closers in the world. The concealed 2030 Series is a heavy-duty closer designed for offset applications with a single lever arm and roller track assembly to provide a smooth, quiet door control. For additional information, contact CRL Door and Window Department at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7520. You can also visit our web site at crlaurence.com.

2030 SERIES OVERHEAD CONCEALED CLOSERS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
2031LAL	2031RAL	Aluminum	1	ADA 5 lb. Max. at 36" Door
2031LDU	2031RDU	Dark Bronze	1	ADA 5 lb. Max. at 36" Door
2033LAL	2033RAL	Aluminum	3	Ext: to 30" – Int: 34" to 38"
2033LDU	2033RDU	Dark Bronze	3	Ext: to 30" – Int: 34" to 38"
2034LAL	2034RAL	Aluminum	4	Ext: 30" to 36" – Int: 38" to 48"
2034LDU	2034RDU	Dark Bronze	4	Ext: 30" to 36" – Int: 38" to 48"
2035LAL	2035RAL	Aluminum	5	Ext: 36" to 42" – Int: 48" to 54"
2035LDU	2035RDU	Dark Bronze	5	Ext: 36" to 42" – Int: 48" to 54"

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

NOTE: An auxiliary floor or overhead stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.



Although A.D.A Closers comply with barrier-free ADA specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

LCN® Hold-Open Clip for Standard Track

- Mounts in Track to Provide Hold-Open Function
- Hold-Open Point Controlled by Clip Location



CAT. NO. 20303054

Minimum order: 1 each.

LCN® Track Bumper for Standard Track

- Mounts in Track to Assist With Backcheck
- Limits Maximum Opening

NOTE: Track Bumper Does Not Replace Auxiliary Stop



CAT. NO. 2030169

Minimum order: 1 each.

LCN® Track Roller for Standard Track

- Quiet, Low Friction Roller Assembly



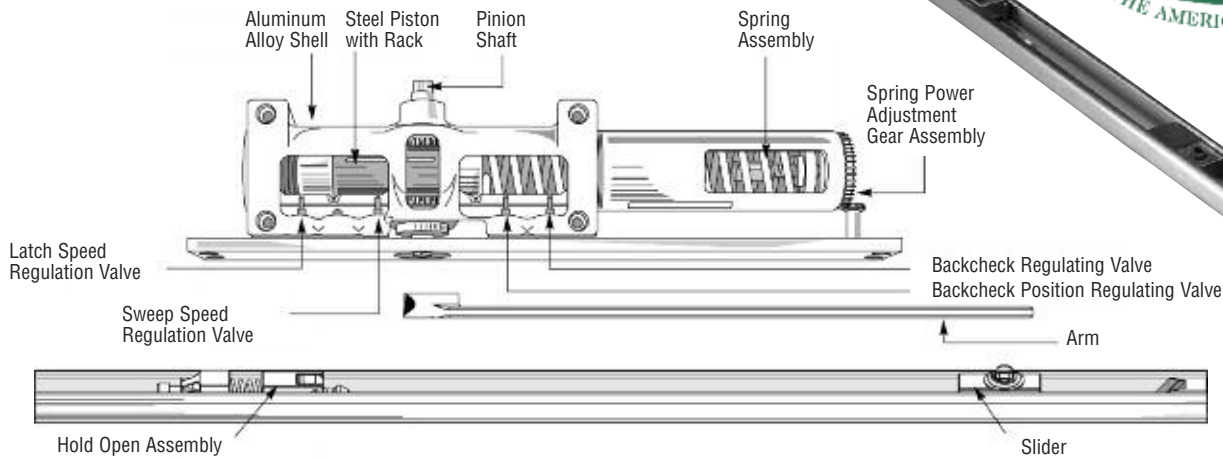
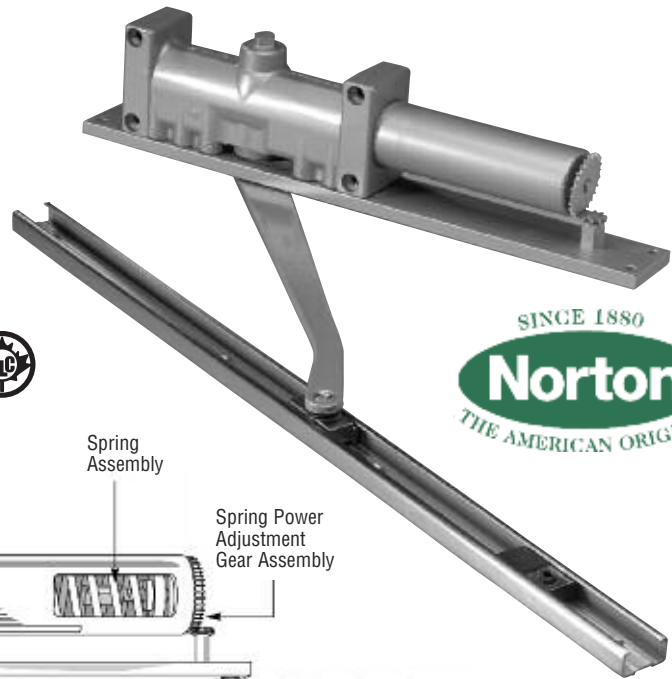
CAT. NO. 20303034

Minimum order: 1 each.

LCN is a registered trademark of Ingersoll Rand plc, its subsidiaries and/or affiliates in the United States and other countries.

CRL Norton® 7900 Series Overhead Concealed Door Closers

- For Interior and Exterior Use
- Closer Body is Completely Concealed in Transom
- Concealed Arm and Slide Track in Door
- Best Suited for High Profile Applications
- A.D.A. Opening Forces to Conform With Barrier Code Requirements While Still Providing Door Control
- ANSI A156.4 – Grade 1
- UL and ULC Listed



Overhead Concealed Door Closers provide an aesthetically appealing way to close a door. In situations where a closer is needed but concealment in the frame header is required or desired, the Norton® 7900 Closer is the ideal solution for door control. Once installed, only the solid one-piece arm is visible when the door is open; therefore, this unit provides a high degree of vandal resistance. When the door is closed, the closer, arm and slide track are fully concealed.

Norton® 7900 Overhead Closers are best suited for high-profile applications, such as office buildings or conference centers. This heavy-duty, durable closer package includes a steel track, steel slider, polymer slider pads, and dress plates. The steel track and slider offer additional strength to the unit, while the polymer pads provide quiet operation and easy assembly. Standard features include rack and pinion operation, adjustable sweep and latch, plus adjustable backcheck cushioning and positioning.

PACKAGING INFORMATION:

All Norton® Series 7900 Closers are packed one to a box, with an arm and a slide track, one hex key for control valve adjustment (and hold open tension adjustment), one hex key for arm to track attachment, and one hex key for anchoring cushion stop in track. Installation instructions and both wood screws and metal screws for mounting are included.

SPECIFICATIONS:

Aluminum Alloy Shell
Steel Track and Slider
Polymer Slider Pads
Non-Critical Independent Valves
Shock Absorbing Door Stop
Rack and Pinion Operation
Adjustable Backcheck Cushioning
Adjustable Backcheck Positioning

Multi-Size Adjustable Spring Power
Adjustable Hold Open Option
ANSI A156.4, Grade 1
A.D.A. ANSI Standard A117.1
UL and ULC Listed
10 Year Limited Warranty
NYC Listed – 41-60-SM

SPECIFICATION	DIMENSION
Maximum Door Width (Interior)	48" (1219 mm)
Maximum Door Width (Exterior)	36" (914 mm)
Length of Closer Body	14" (356 mm)
Overall Length of Closer	16-7/16" (418 mm)
Closer Body Height	3-3/4" (95 mm)
Closer Width	2-1/8" (54 mm)
Track Length	24" (610 mm)
Track Width	1-1/4" (32 mm)

7900BF1 SERIES CLOSERS

NO HOLD OPEN CAT. NO.	HOLD OPEN CAT. NO.	FINISH	CLOSER DESCRIPTION
7900BF1RA	7900BF1HRA	Aluminum	Right Hand - Size 1 to 6
7900BF1RDU	7900BF1HRDU	Dark Bronze	Right Hand - Size 1 to 6
7900BF1LA	7900BF1HLA	Aluminum	Left Hand - Size 1 to 6
7900BF1LDU	7900BF1HLDU	Dark Bronze	Left Hand - Size 1 to 6

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Norton is a registered trademark of Yale Security Inc., an ASSA ABLOY Group Company.

CRL Brand Floor Mounted Door Closers

- Heavy-Duty Floor Closers Used for Heavy and High Traffic Aluminum, Glass, Wood, and Hollow Metal Exterior or Interior Doors
- Wide Selection of Standard, Heavy Weight Capacity, and Shallow Floor Applications
- 5 to 10 Year Limited Warranties
- UL Listed



CRL brand Floor Mounted Door Closers are intended to cover a wide range of applications. Floor Closers provide the most efficient mechanical means of controlling a door, and are able to sustain the most abuse when used with heavy doors or high traffic applications. They are also an important consideration when aesthetics of the opening are a concern.

Floor Mounted Door Closers typically feature dual independent valves for adjusting the closing and latching speeds, optional spindle heights to accommodate various threshold and finished floor heights, and are available in hold or non-hold open models.

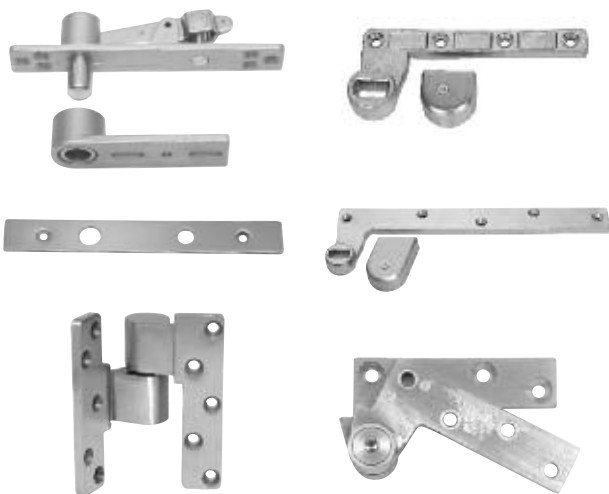
The Jackson® 900 Series Closer can be used with larger and heavier interior or exterior doors, and is fully adjustable to meet A.D.A. requirements. See page 716W for full details of available models.

The Jackson® 300 Series Closer has a compact, low profile design which is ideal for thin-slab applications. See page 714W for additional information.

We carry a wide range of hardware options for both center-hung and offset installations. These products will satisfy the needs for both new and retrofit applications. For additional information, contact the CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Door and Window Products.

Related Accessories

See pages 713W, 717W-719W, 723W-724W



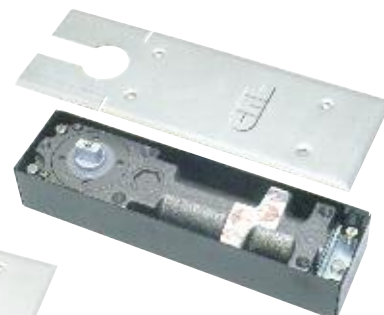
CRL Jackson 900 Series



CRL Jackson 300 Series



CRL8300 Series
Shallow Depth



CRL8400 Series
Narrow Width



CRL8500 Series
Heavy Weight
Capacity

CLOSER SERIES	CLOSER TYPE	MAXIMUM DOOR WEIGHT; WIDTH	SEE PAGE
CRL JACKSON® 900	Multi-Size Spring Power Adjustable	1,000 Lb. (454 kg); 54" (1372 mm) Wide	716W
CRL JACKSON® 300	Thin Slab	260 Lb. (118 kg); 48" (1219 mm) Wide	714W
CRL8300	Shallow Depth	264 Lb. (120 kg); 42" (1067 mm) Wide	710W
CRL8400	Narrow Width	264 Lb. (120 kg); 42" (1067 mm) Wide	711W
CRL8500	Heavy Weight Capacity	800 Lb. (363 kg); 54" (1372 mm) Wide	712W

CRL Shallow Depth Floor Mounted Door Closers



These Shallow Depth Floor Mounted Door Closers are preferred for many types of installations because they only require a shallow 1-9/16" (40 mm) cut-out in the floor. This is especially important on floors above the ground floor. The shallow cut-out leaves enough remaining floor under the Door Closer to support the door weight. The Door Closer has separate valves to control closing and latching speeds. Both 90 degree and 105 degree Hold Open and No Hold Open models are available.

The 1/8" (3 mm) collar height Spindle is supplied with the door closer, providing a 5/16" (8 mm) clearance from finished floor to door bottom. Optional Spindles to accommodate different finished floor heights are also available (see page 713W). Other accessories, such as Pivots, Center-Hung and Offset Arms are also available. See pages 713W, 718W, and 723W-724W.

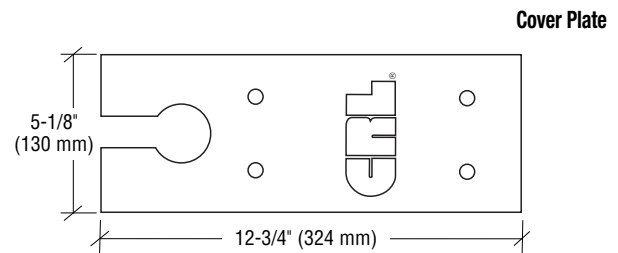
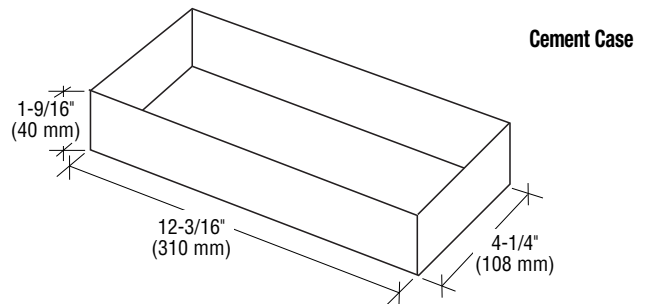
NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.

SPECIFICATIONS:

Maximum Door Weight: 264 lbs. (120 kg)
Maximum Interior Door Width: 42" (1067 mm)
Maximum Exterior Door Width: 38" (965 mm)



- 264 Lb. Capacity, 42" Doors
- Low Profile 1-9/16" (40 mm) Depth
- Interchangeable Spindle Heights
- 5 Year Limited Warranty
- UL Listed



SHALLOW DEPTH FLOOR MOUNTED DOOR CLOSERS

CAT. NO.	SPRING SIZE	TYPE
CRL8360	Medium	90° Hold Open
CRL8370	Medium	105° Hold Open
CRL8372	Medium	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

COVER PLATES

CAT. NO.	FINISH
CRL83CPBS	*Brushed Stainless Steel
CRL83CPPB	Polished Brass
CRL83CPPS	Polished Stainless Steel

Minimum order: 1 each. * Supplied with 8500 Series Floor Closers.

CRL Narrow Width Floor Mounted Door Closers



These Narrow Width Floor Mounted Door Closers are preferred on doors installed with Patch Hardware because smaller cover plates are more attractive in this type of installation. The Door Closer has separate valves to control closing and latching speeds. 90 Degree Hold Open and No Hold Open models are available.

The 1/8" (3 mm) collar height Spindle is supplied with the door closer, providing a 5/16" (8 mm) clearance from finished floor to door bottom. Optional Spindles to accommodate different finished floor heights are also available (see page 713W). Other accessories, such as Pivots, Center-Hung and Offset Arms are also available. See pages 713W, 718W, and 723W-724W.

NOTE: This Door Closer is designed to open to a maximum of 180 degrees. An auxiliary floor or overhead stop is required to stop the door at less than 180 degrees.

SPECIFICATIONS:

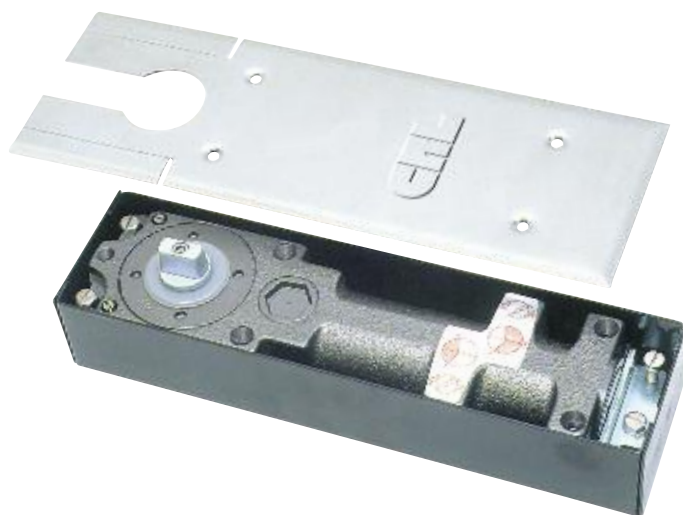
Maximum Door Weight: 264 lbs. (120 kg)
Maximum Interior Door Width: 42" (1067 mm)
Maximum Exterior Door Width: 38" (965 mm)



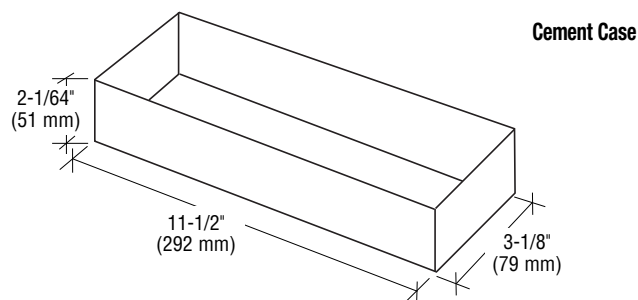
NARROW WIDTH FLOOR MOUNTED DOOR CLOSERS

CAT. NO.	SPRING SIZE	TYPE
CRL8420	Light	180° Hold Open @ 90°
CRL8422	Light	180° No Hold Open
CRL8460	Medium	180° Hold Open @ 90°
CRL8462	Medium	180° No Hold Open

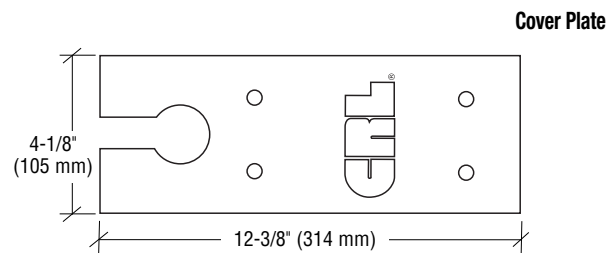
Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



- The Perfect Door Closer to Support CRL's Patch Hardware
- 264 Lb. Capacity, 42" Doors
- Narrow 3-1/16" (78 mm) Width
- Interchangeable Spindle Heights
- 5 Year Limited Warranty
- UL Listed



Cement Case



Cover Plate

COVER PLATES

CAT. NO.	FINISH
CRL84CPBS	*Brushed Stainless Steel
CRL84CPPB	Polished Brass
CRL84CPPS	Polished Stainless Steel

Minimum order: 1 each. * Supplied with 8500 Series Floor Closers.

CRL Heavy Weight Floor Mounted Door Closers



The CRL8500 Series Floor Mounted Door Closer has a heavy weight capacity capable of handling doors weighing up to 800 pounds (363 kg). The Door Closer is available in either 90 or 105 degree Hold Open or No Hold Open models in three spring sizes to accommodate most standard installations.

The supplied 1/8" (3 mm) collar height Standard Spindle is interchangeable with other available Spindles (see page 713W) to accommodate different finished floor heights. Accessories such as Pivots, Center-Hung and Offset Arms are also available. See pages 713W, 718W, and 723W-724W.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.

SPECIFICATIONS:

Maximum Door Weight: 800 lbs. (363 kg)
Maximum Interior Door Width: 54" (1372 mm)
Maximum Exterior Door Width: 48" (1219 mm)

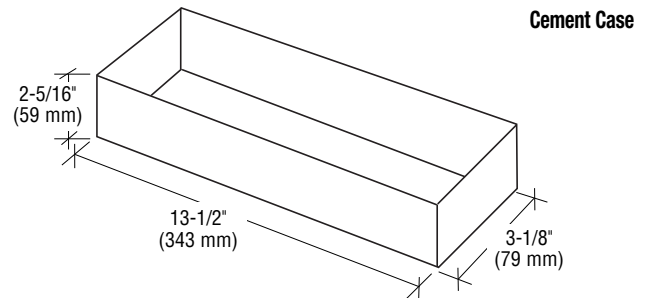


HEAVY WEIGHT FLOOR MOUNTED DOOR CLOSERS

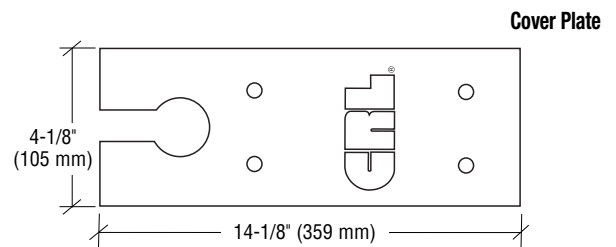
CAT. NO.	SPRING SIZE	TYPE	MAXIMUM DOOR SIZE	
			INTERIOR	EXTERIOR
CRL8532	Size 3	180° No Hold Open	42" (1067 mm)	36" (914 mm)
CRL8534	Size 3	90° Hold Open	42" (1067 mm)	36" (914 mm)
CRL8536	Size 3	105° Hold Open	42" (1067 mm)	36" (914 mm)
CRL8542	Size 4	180° No Hold Open	48" (1219 mm)	42" (1067 mm)
CRL8544	Size 4	90° Hold Open	48" (1219 mm)	42" (1067 mm)
CRL8546	Size 4	105° Hold Open	48" (1219 mm)	42" (1067 mm)
CRL8552	Size 5	180° No Hold Open	54" (1372 mm)	48" (1219 mm)
CRL8554	Size 5	90° Hold Open	54" (1372 mm)	48" (1219 mm)
CRL8556	Size 5	105° Hold Open	54" (1372 mm)	48" (1219 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

- The Perfect Door Closer to Support CRL's Door Rail System
- 800 Lb. Capacity, Up to 54" Doors
- Interchangeable Spindle Heights
- Independent Closing and Latching Speed Adjustments
- 5 Year Limited Warranty
- UL Listed



Cement Case



Cover Plate

COVER PLATES

CAT. NO.	FINISH
CRL85CPBS	*Brushed Stainless Steel
CRL85CPPB	Polished Brass
CRL85CPPS	Polished Stainless Steel

Minimum order: 1 each. * Supplied with 8500 Series Floor Closers.

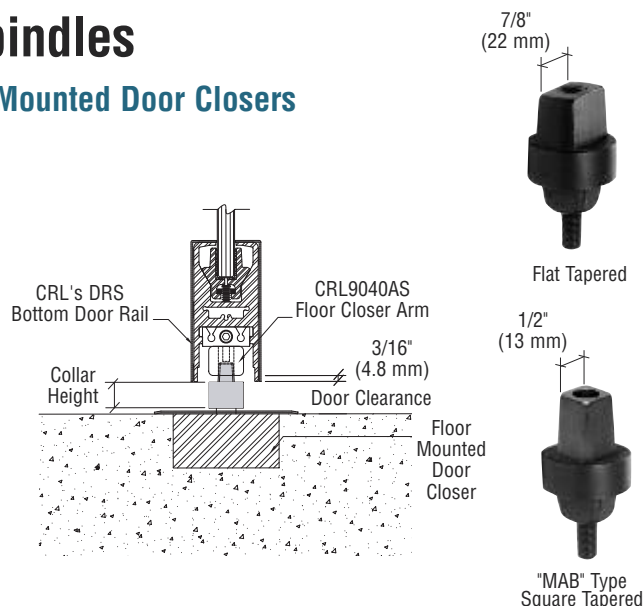
CRL Interchangeable Floor Closer Spindles

• Fit All CRL8300, CRL8400, and CRL8500 Series Floor Mounted Door Closers

CRL Flat Tapered and "MAB" Type Spindles are available in various heights to accommodate different threshold and finished floor heights, and are intended for use with all CRL Floor Mounted Door Closers. The CRL Flat Tapered Spindle will allow the use of all center-hung and offset bottom arms intended for use with this type of spindle, as well as CRL Patch Fitting Inserts. The "MAB" Style Spindle is commonly used throughout Europe and South America.

FLAT TAPERED CAT. NO.	"MAB" TYPE SQUARE TAPERED CAT. NO.	COLLAR HEIGHT/DRS DOOR CLEARANCE	STANDARD DOOR CLEARANCE
CRL9040S3*	CRL9050S3	*1/8" (3 mm)	*5/16" (8 mm)
CRL9040S8	CRL9050S8	5/16" (8 mm)	1/2" (13 mm)
CRL9040S13	CRL9050S13	1/2" (13 mm)	11/16" (17 mm)
CRL9040S18	CRL9050S18	3/4" (19 mm)	15/16" (24 mm)
CRL9040S23	CRL9050S23	7/8" (22 mm)	1-1/16" (27 mm)
CRL9040S28	CRL9050S28	1-1/8" (29 mm)	1-5/16" (33 mm)
CRL9040S33	CRL9050S33	1-5/16" (33 mm)	1-1/2" (38 mm)

Minimum order: 1 each. * Supplied standard with all CRL8300, CRL8400, and CRL8500 Series Floor Closers. All Spindles can be combined for quantity pricing.



CRL Floor Closer Terrazzo Pan

• For Use With CRL8500 Series Floor Mounted Door Closers Only

To maintain the aesthetics of a continuous floor line when using flooring material such as terrazzo, tile, marble, etc. Pan is 13/16" (20.6 mm) in depth and requires the use of a CRL9040S23 Spindle (ordered separately) for a minimum 1/4" (6 mm) clearance above the finished floor. Includes access tubes to the adjustment screws for the CRL8500 Floor Mounted Door Closer so that adjustments can be made without having to take the door down. **NOTE:** Recommended for interior use only. Minimum order is one each.



CAT. NO. TPCRL85

CRL Center-Hung Bottom Arms

• Arms for CRL8300, CRL8400, and CRL8500 Series Floor Mounted Door Closers With Flat Tapered Spindles

These CRL Center-Hung Bottom Arms should be used with doors having a minimum 3/4" (19 mm) deep bottom door rail. Arms will accommodate most door types, and will ease centering adjustment of the door. They can be used with all CRL brand Floor Mounted Door Closers, as well as any other closer using a 7/8" (22 mm) flat tapered type spindle.



CAT. NO.	DESCRIPTION
CRL9040CB	Arm for Aluminum Doors
CRL9040TB	Arm for Steel or Wood Doors
CRL9040AS	Arm for CRL Door Rail System

Minimum order: 1 each. Arms can be combined for quantity pricing.

CRL Top Door Rail Pivot Arms

• For Center-Hung Applications • Standard and Heavy-Duty Models

These 19/32" (15 mm) diameter standard and heavy-duty Top Door Rail Pivot Arms fit in CRL Top Door Rails, and work with our 1NT401 Top Free-Swinging Pivot and CRL9040WBP Walking Beam Pivot.



CAT. NO.	DESCRIPTION
CRL9040TDF	Standard Pivot Arm
CRL9060TDF	Heavy-Duty Pivot Arm

Minimum order: 1 each.

CRL FLOOR MOUNTED DOOR CLOSERS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Jackson 300 Series Thin Slab Floor Mounted Door Closers

- Ideal for Thin Slab Applications With Limited Floor Depth
- Available as a Package or Components Only
- Suitable for Doors From 30" to 48" (762 to 1219 mm)
- 5 Year Limited Warranty

The Jackson 300 Series Thin Slab Floor Closer is manufactured in the U.S.A. and designed to give long lasting, maintenance free performance. Its compact design and low profile makes it ideal for thin slab applications where floor depth is limited. Available in three fixed spring sizes, this closer is designed for use with aluminum, wood or hollow metal doors and frames.

SPECIFICATIONS

Maximum Door Weight: 260 lbs. (118 kg)

Maximum Door Width: 48" (1219 mm)

Three Fixed Spring Sizes: Light Duty, Regular Duty, and Heavy-Duty

Action: Non-Handed; Single or Double Acting

Swing: 90° or 105° Swing

Hold or No Hold-Open

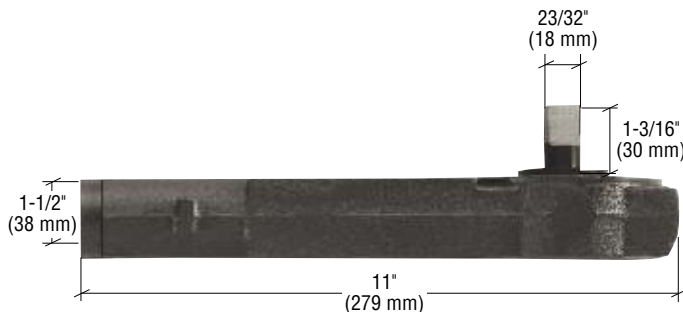
Valves: Dual Valve Control – Closing and Latching Speeds

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

THIN SLAB FLOOR MOUNT DOOR CLOSERS

REG. DUTY CAT. NO.	HEAVY-DUTY CAT. NO.	LIGHT-DUTY CAT. NO.	TYPE
20307M01	20307M09	20307M05	105° No Hold Open
20307M02	20307M10	20307M06	105° Hold Open
20307M03	20307M11	20307M07	90° No Hold Open
20307M04	20307M12	20307M08	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



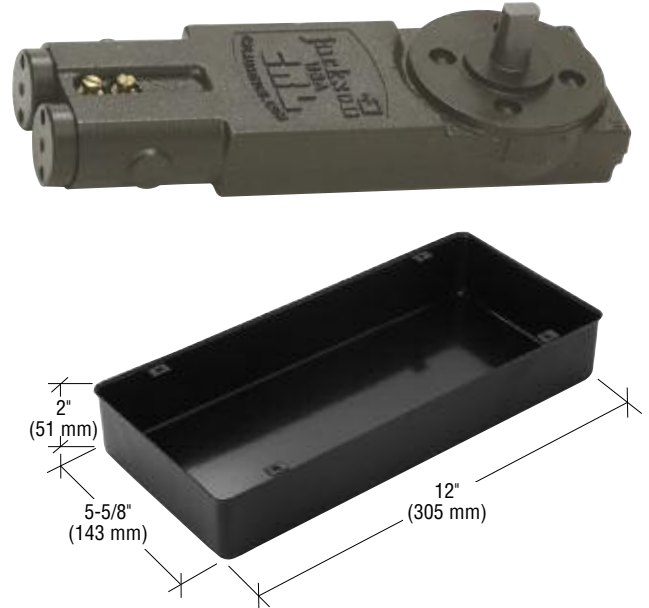
	APPROXIMATE OPENING FORCE IN POUNDS			
SPRING SIZE	2/6 X 7/0	3/0 X 7/0	3/6 X 7/0	4/0 X 7/0
Light	10	8	6	5
Regular	12	10	8	6
Heavy	17	15	13	11

NOTE: Readings are *pound force* to open door and are taken at the lock stile to full degree of opening.



new

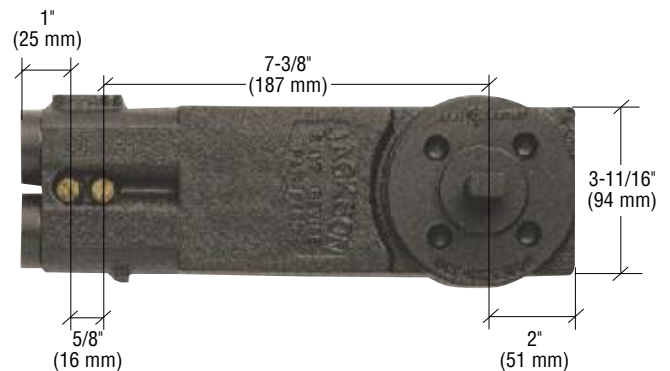
NOTE: Special Spindle works with Cat. No. 20800628 Center-Hung Arm only. See next page.



CEMENT CASE (SOLD SEPARATELY)

CAT. NO.	DESCRIPTION
202102N	Thin Slab Cement Case

Minimum order: 1 each.



	CLOSER SELECTION CHART	
SPRING SIZE	MAX. INTERIOR DOOR	MAX. EXTERIOR DOOR
Light	3'-6" (1067 mm)	3'-0" (914 mm)
Regular	3'-6" (1067 mm)	3'-0" (914 mm)
Heavy	4'-0" (1219 mm)	3'-6" (1067 mm)

NOTE: All recommendations are based on average conditions. Tall doors, or doors that may be subject to wind, draft or extreme air flow, may require the next spring size.

CRL Jackson 300 Series Thin Slab Floor Mounted Door Closers

CRL Jackson 300 Series "S" Package

- For Use With Aluminum Doors and Frames

NOTE: Packages are available as special order only

CONTENTS: #20307 Body Closer
#202120 Mounting Brackets
#202102N Cement Case
#20534 Top Center-Hung Pivot (Specify Cover Plate Finish)

NOTE: Package does not include optional 202115630 Cover Plate which must be ordered separately

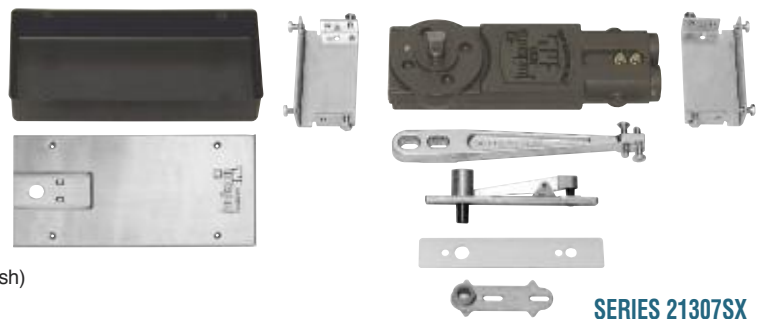


CRL Jackson 300 Series "SX" Package

- For Use With Aluminum Doors and Frames

NOTE: Packages are available as special order only

CONTENTS: #20307 Body Closer
#202120 Mounting Brackets
#202102N Cement Case
#20534 Top Center-Hung Pivot (Specify Cover Plate Finish)
#202115630 Finished Cover Plate



CRL Jackson Center-Hung Arm Package

- For Use With 1" (25 mm) Deep Rail and Jackson 300 Series Floor Closer

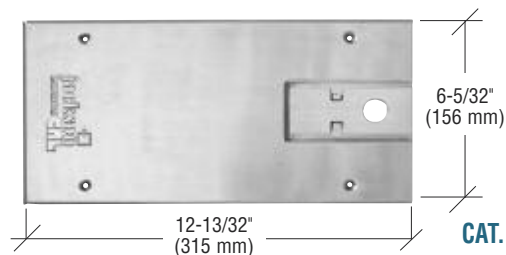


NOTE: Arm will not fit CRL Tapered Spindle

CAT. NO. 20800628
Minimum order: 1 each.

CRL Jackson 300 Series Cover Plate

- Satin Stainless Steel Finish



CAT. NO. 202115630
Minimum order: 1 each.

CRL Jackson Top Center-Hung Pivot

- Walking Beam Pivot Assembly
- Choice of Cover Plates



CAT. NO.	COVER FINISH
20534628	Aluminum
20534313	Dark Bronze

Minimum order: 1 each.

CRL Jackson Adjustable Mounting Brackets

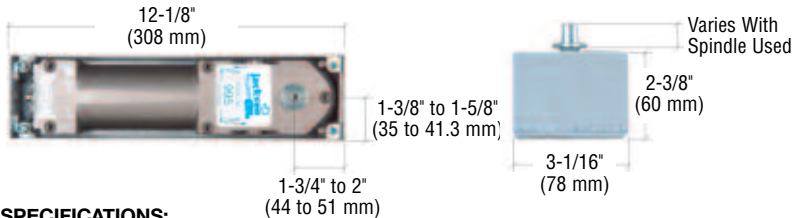
- Required for Jackson 300 Series Floor Closer Installation
- Allows Adjustment of Installed Closer Body



CAT. NO. 202120
Minimum order: 1 set.

CRL Jackson 900 Series Heavy-Duty Floor Mounted Door Closers

- 1000 Pound Capacity, 54" (1372 mm) Doors
- Multi-Size Adjustable Spring Power
- Interchangeable Spindle Heights
- Leveling and Door Centering Adjustments
- 10 Year Limited Warranty
- UL Listed



SPECIFICATIONS:

Maximum Center-Hung Door: Weight = 1000 lbs. (454 kg), Width = 54" (1372 mm)

Maximum 3/4" Offset Door: Weight = 650 lbs. (295 kg), Width = 48" (1219 mm)

Maximum 1-1/2" Offset Door: Weight = 300 lbs. (136 kg), Width = 42" (1067 mm)

Adjustable Spring Power: Multi-Size 1 - 6

Door Centering Adjustment: 6 Degree Range Adjustment to Align Door

Hold or No Hold Open Models: Hold Open at Both 90 Degrees and 120 Degrees, Hold Open at 105 Degrees Only

Action: Non-Handed, Double Acting – 180 Degree Swing

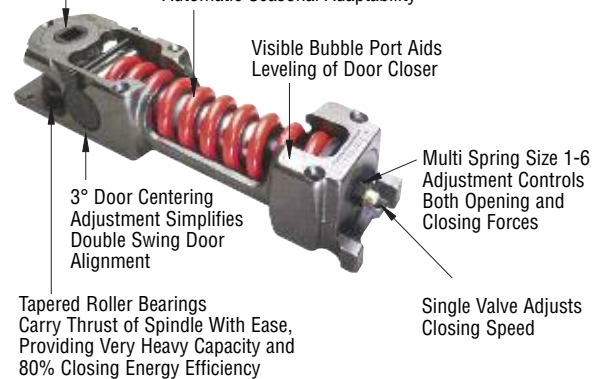
The CRL Jackson 900 Series Multi-Sized Floor Mounted Door Closer is a heavy-duty, fully adjustable closer designed for new and retrofit applications. Accessories are available for either double or single acting doors. With its 1000 pound (454 kg) capacity, the 900 Series Door Closer can be used with larger and heavier interior or exterior doors for longer, maintenance free performance. These Door Closers are available in dual 90 and 120 degree, or 105 degree only Hold Open and No Hold Open models.

This fully adjustable Door Closer meets A.D.A.* requirements in that it can be set at 5 or 8.5 pound opening forces. The unique centering adjustment simplifies double door alignment. This Door Closer is ideal for areas with extreme temperature changes due to its multi-viscosity temperature stabilizing fluid with thermal sensitive valves providing seasonal adaptability. Packages for new and retrofit installations, as well as accessories for both Center-Hung and Offset door applications, are available.



Interchangeable Spindle System
Adapts to Door and Floor Clearance Needs

Temperature Stabilizing Fluid
With Thermal Sensitive Valves Gives
Automatic Seasonal Adaptability



NOTE: This Door Closer is designed to open to a maximum of 180 degrees. An auxiliary floor or overhead stop is required to stop the door at less than 180 degrees.

For a complete list of accessories, such as Cover Plates, Pivots, Center-Hung and Offset Arms, see pages 717W-719W, and 723W-724W.

Basic Closer Package

CONSISTS OF:

- 990 Closer Body
- Cement Case
- Installation Tool Package



Center-Hung Package

CONSISTS OF:

- 990 Closer Body
- Cement Case
- J7080 Center-Hung Arm
- CRL9040S8 Flat Tapered Spindle
- Installation Tool Package



CAT. NO.	TYPE
J990NHOD	180 Degree Swing No Hold Open
J993HOD	180 Degree Swing Hold Open @ 90 Degrees and 120 Degrees
J994HOD	180 Degree Swing Hold Open @ 105 Degrees
J995BCD	180 Degree Swing No Hold Open – Backcheck @ 85 Degrees

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CAT. NO.	TYPE
J990NHON	180 Degree Swing No Hold Open
J993HON	180 Degree Swing Hold Open @ 90 Degrees and 120 Degrees
J994HON	180 Degree Swing Hold Open @ 105 Degrees
J995BCN	180 Degree Swing No Hold Open – Backcheck @ 85 Degrees

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

NOTE: *Door Closers set to comply with A.D.A. specified opening forces might not provide adequate spring power to control and close the door due to varying site conditions and door size.

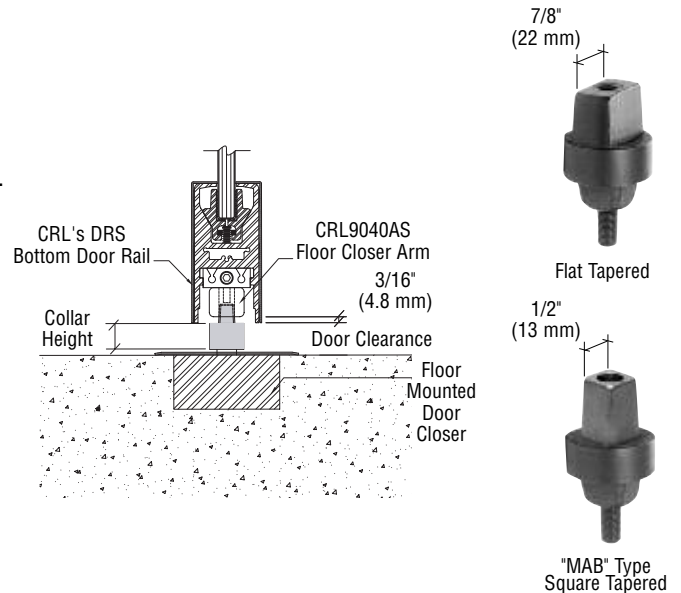
CRL Interchangeable Floor Closer Spindles

• Fit All 900 Series Floor Mounted Door Closers

CRL Flat Tapered and "MAB" Type Spindles are available in various heights to accommodate different threshold and finished floor heights, and are intended for use with our 900 Series Floor Mounted Door Closers. The CRL Flat Tapered Spindle will allow the use of all center-hung and offset bottom arms intended for use with this type of spindle, as well as CRL Patch Fitting Inserts. The "MAB" Style Spindle is commonly used throughout Europe and South America.

FLAT TAPERED CAT. NO.	"MAB" TYPE SQUARE TAPERED CAT. NO.	COLLAR HEIGHT/DRS DOOR CLEARANCE	STANDARD DOOR CLEARANCE
CRL9040S3	CRL9050S3	1/8" (3 mm)	5/16" (8 mm)
CRL9040S8*	CRL9050S8	*5/16" (8 mm)	*1/2" (13 mm)
CRL9040S13	CRL9050S13	1/2" (13 mm)	11/16" (17 mm)
CRL9040S18	CRL9050S18	3/4" (19 mm)	15/16" (24 mm)
CRL9040S23	CRL9050S23	7/8" (22 mm)	1-1/16" (27 mm)
CRL9040S28	CRL9050S28	1-1/8" (29 mm)	1-5/16" (33 mm)
CRL9040S33	CRL9050S33	1-5/16" (33 mm)	1-1/2" (38 mm)

Minimum order: 1 each. * Supplied standard with all J990NHON, J993HON, J994HON, and J995BCN Floor Closers. All Spindles can be combined for quantity pricing.



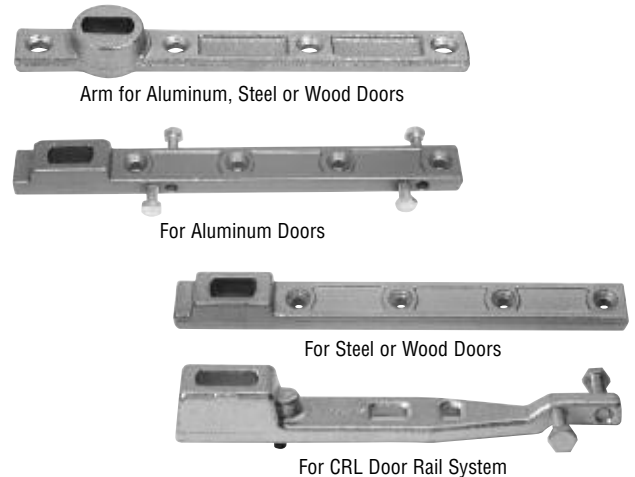
CRL Center-Hung Bottom Arms

• Fit All Floor Mounted Door Closers With Flat Tapered Spindles

These CRL Center-Hung Bottom Arms should be used with doors having a minimum 3/4" (19 mm) deep bottom door rail. Arms will accommodate most door types, and will ease centering adjustment of the door. They can be used with all CRL brand Floor Mounted Door Closers, as well as any other closer using a 7/8" (22 mm) flat tapered type spindle.

CAT. NO.	APPLICATION
J7080	For Aluminum, Steel or Wood Doors
CRL9040CB	For Aluminum Doors
CRL9040TB	For Steel or Wood Doors
CRL9040AS	For CRL Door Rail System

Minimum order: 1 each. Arms can be combined for quantity pricing.



CRL Floor Closer Cover Plates

• Fits 900 Series Floor Mounted Door Closers



These Floor Closer Cover Plates are for use with CRL 900 Series Floor Mounted Door Closers. They are available in four popular finishes, and allow for full closer adjustment without removing the door.

CAT. NO.	FINISH
J7020CPBS	Brushed Stainless Steel
J7020CPPB	Polished Brass
J7020CPPS	Polished Stainless Steel
J7020CPDU	Dark Bronze

Minimum order: 1 each.

CRL Floor Closer Terrazzo Pan

• For Use With 900 Series Floor Closers Only



Used to maintain the aesthetics of a continuous floor line when using flooring material such as terrazzo, tile, marble, etc. Pan is 13/16" (20.6 mm) in depth and requires the use of a CRL9040S23 spindle (ordered separately) for a minimum 1/4" (6 mm) clearance above the finished floor. Pan can be removed to make adjustments to the Floor Closer without having to take the door down. **NOTE:** Recommended for interior use only. Minimum order is one each.

CAT. NO. TPJ900

CRL 900 Series Cement Case

• Fits 900 Series Floor Mounted Door Closers



The CRL 900 Series Closer Cement Case is used to hold the 900 Series Floor Closer body in the floor. Minimum order is one each.

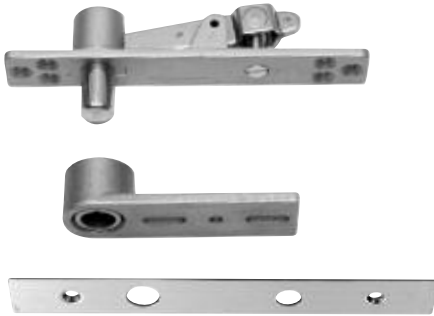
CAT. NO. J9010

CRL FLOOR MOUNTED DOOR CLOSERS

For Pricing Visit crlaurence.com or Call Us Toll Free
at the Phone Numbers Shown on the Back Cover

CRL Center-Hung Top Pivot and Optional Cover Plate

- Walking Beam
Style Pivot
- Optional Cover
Plates Available
in Five Finishes



CAT. NO. CRL9040WBP

This Center-Hung Top Pivot fits top door rails with a depth of 1" (25 mm). Pin has a diameter of 19/32" (15 mm), and drops down 1" (25 mm) for full contact with Upper Pivot Arm. Hollow Tube Mounting Brackets are also available. Minimum order is one each.

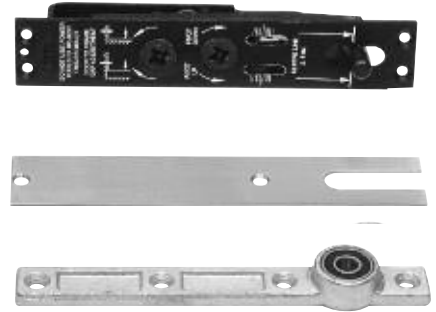
OPTIONAL COVER PLATES

CAT. NO.	FINISH
CRL9040CPA	Satin Aluminum
CRL9040CPBS	Brushed Stainless Steel
CRL9040CPPB	Polished Brass
CRL9040CPPS	Polished Stainless Steel
CRL9040CPDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Heavy-Duty Center-Hung Top Pivot

- Walking Beam
Type Pivot
- Lateral Pin
Adjustment



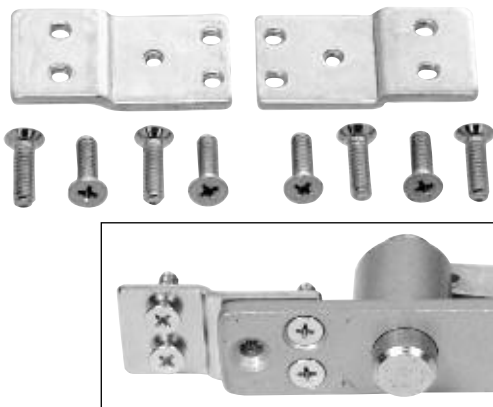
This CRL Heavy-Duty Adjustable Center-Hung Walking Beam Type Top Pivot can handle center-hung doors weighing up to 1000 pounds (454 kg). Pivot features a vertical, as well as a lateral, pin adjustment to help align the door. The door portion consists of a needle bearing for maximum durability.

CAT. NO.	COVER PLATE FINISH
J580BS	Brushed Stainless Steel
J580PB	Polished Brass
J580PS	Polished Stainless Steel
J580DU	Dark Bronze

Minimum order: 1 each.

CRL Tube Mounting Brackets

- Secures the CRL9040WBP
Walking Beam Pivot



These CRL Tube Mounting Brackets are used to mount the CRL9040WBP Walking Beam Top Pivot body into hollow tube headers. Minimum order is one set.

CAT. NO. CRL9040MB

CRL Top Rail Heavy-Duty Walking Beam Adapter Block

- For Use With J580 Series
Heavy-Duty Center-Hung
Top Pivot



This Adapter Block attaches to our standard slide block allowing the easy installation of the door portion of a J580 Series Heavy-Duty Walking Beam Pivot (see above). Minimum order is one each.

CAT. NO. CRLJ580ADP



C.R. LAURENCE COMPANY

1718W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

crlaurence.com | usalum.com

CRL Header Mounted Free-Swinging Top Pivot

- For Use With Top Door Patch Fittings
- Mounts in Masonry or Metal Header

This Header Mounted Free-Swinging Top Pivot is secured in masonry, or to metal, to allow for a free-swinging pivot. For use with Patch Fittings such as Cat. Nos. PH20A, PH21A, and EUR420, or any Top Pivot with a 19/32" (15 mm) diameter hole. Secure in masonry with the included brass masonry anchor, or secure to metal in a tapped 8 mm threaded hole. Minimum order is one each.



CAT. NO. 1NT405

CRL Surface Mounted Free-Swinging Top Pivot

- Surface Mount Top Pivot Type for Use With Patch Fittings and CRL Wedge-Lock™ Door Rail System
- Brushed Stainless Finish



CAT. NO. 1NT401

This 19/32" (15 mm) diameter Free-Swinging Top Pivot installs easily to wood or metal substrates to work with Cat. No. CRL9040TDF or CRL9060TDF Top Door Fittings, CRL Top Door Patch Fittings PH20A, PH21A, and EUR420, or any Top Pivot with a 19/32" (15 mm) diameter hole. Brushed stainless finish. Mounting screws are not included. Minimum order is one each.

CRL Jackson® Top Center-Hung Top Pivot Assembly **new**

- Walking Beam Style Pivot
- Includes Door Arm and Cover Plate



The CRL Jackson Center-Hung Pivot Set is designed to be used with standard 1-3/4" (44 mm) storefront aluminum doors weighing up to 250 pounds (113 kg). These Pivots fit top door rails with a depth of 1" (25 mm) and drops down 3/4" (19 mm) for full contact with the included Top Door Pivot Arm. Pin diameter is 1/2" (12.7 mm). These are perfect for new or retrofit applications.

CAT. NO.	FINISH
20534628	Aluminum
20534313	Dark Bronze

Minimum order: 1 each. **NOTE:** Pivots are not interchangeable with CRL9040WBP.

CRL Jackson® Center-Hung Top Pivot

- Walking Beam Style Pivot – Frame Portion Only
- Finished Cover Plate Included



This Center-Hung Top Pivot fits top door rails with a depth of 1" (25 mm). Hardened steel pin has a diameter of 1/2" (12.7 mm), and drops down 3/4" (19 mm) for full contact with Top Door Pivot Arm.

CAT. NO.	FINISH
213K628	Aluminum
213K313	Dark Bronze

Minimum order: 1 each.

Technical Assistance for All Door Closer Hardware

Live consultation by phone is available at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. From 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.

Ask for Extension

7520

Direct Fax
(866) 921-0531

Direct E-Mail
glazing@crlaurence.com



CRL Floor Mounted Door Closers

- Respected Competitive Brands, Such as DORMA®, and Rixson®
- Weight Capacities to 660 Pounds (299 kg)
- Maximum Door Widths to 54" (1372 mm)
- Limited Warranties of 10 to 25 Years

The CRL selection of Floor Mounted Door Closers also includes models from DORMA®, and Rixson®, some of the most respected brands in the industry. These closers offer a range of capacities, including a model that will accommodate doors weighing as much as 660 pounds (299 kg), and as wide as 54" (1372 mm).

The DORMA® BTS80 Series Closer allows the use of interchangeable spindles, making it able to adapt to virtually any floor covering or threshold height. This Closer can be seen on page 721W.

The DORMA® BTS75V Series Closer has a compact body, permitting its use where a larger door closer would be prohibitive. See page 722W for more information.

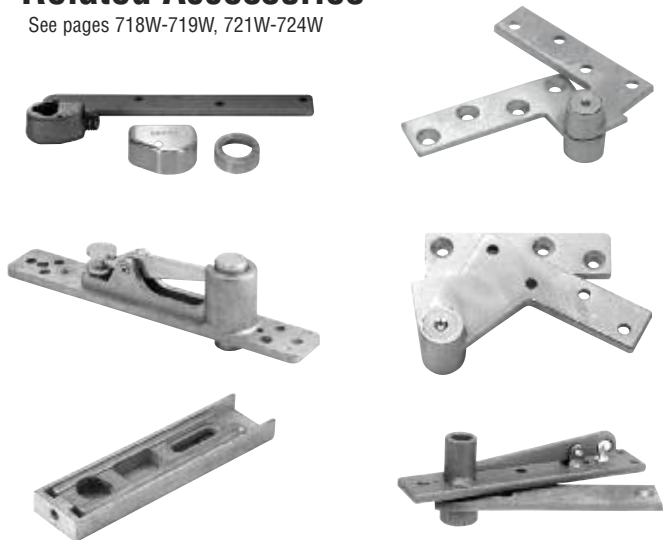
The Rixson® 27 and 28 Series of Closers allow a choice of offset or center-hung installation, and are rated ANSI 156.4 Grade 1. The entire range of Rixson® models are shown on pages 725W to 731W.

All of these Closers offer Cover Plates in a number of architectural finishes, and are UL listed. They will meet your requirements for both new and retrofit installations. For more information, go to the CRL web site at crlaurence.com, or contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520.



Related Accessories

See pages 718W-719W, 721W-724W



CLOSER MODEL	CLOSER TYPE	MAXIMUM DOOR WEIGHT; WIDTH	SEE PAGE
DORMA® BTS80	Selective Multi-Point Hold Open	660 Lb. (299 kg); 54" (1372 mm) Wide	721W
DORMA® BTS75V	Adjustable Spring Power 1-4	260 Lb. (118 kg); 42" (1067 mm) Wide	722W
RIXSON® 27	Offset Applications	450 Lb. (204 kg); 48" (1219 mm) Wide	725W-726W
RIXSON® 28	Center-Hung Applications	350 Lb. (159 kg); 48" (1219 mm) Wide	728W-729W
RIXSON® 328	Center-Hung Patch Fitting Applications	325 Lb. (147 kg); 48" (1219 mm) Wide	729W

DORMA is a registered trademark of Dorma Properties, Inc.
Rixson is a registered trademark of Yale Security, Inc. an ASSA ABLOY Group Company



DORMA® BTS80 Series Floor Mounted Door Closers

The DORMA® BTS80 Series Floor Mounted Door Closers offer adaptability to almost any installation. The DORMA® Closer's compact body permits its use where a larger door closer would be prohibitive. The universal, non-handed design uses a system of interchangeable spindles, and will allow one basic door closer mechanism to be used for either single or double acting, center-hung or offset applications while accommodating virtually any floor covering or threshold height. The selective, multi-point hold open or variable delayed action feature makes this one of the most versatile door closers available. Accessories such as Cover Plates, Pivots, Center-Hung and Offset Arms are also available.

NOTE: This Door Closer is designed to open to a maximum of 180 degrees. An auxiliary floor or overhead stop is required to stop the door at less than 180 degrees.

SPECIFICATIONS:

Maximum Door Weight: 660 lbs. (299 kg)

Maximum Interior Door Width: 54" (1372 mm)

Maximum Exterior Door Width: 48" (1219 mm)



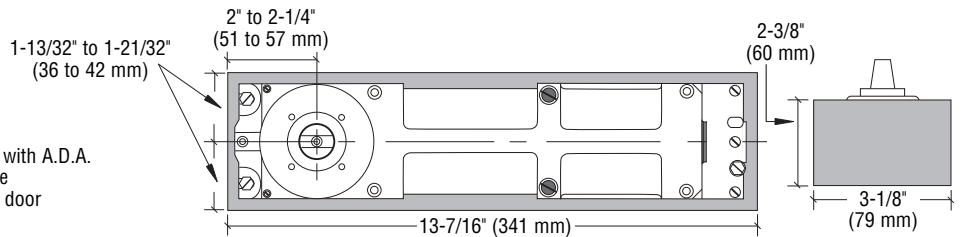
**Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.



DORMA is a registered trademark of DORMA Properties, Inc.



- 660 Pound (299 kg) Capacity, 54" (1372 mm) Doors
- Interchangeable Spindle Heights
- Selective Multi-Point Hold Open Position
- Variable Delayed Action
- 25 Year Limited Warranty
- UL Listed



DORMA® BTS80 FLOOR MOUNTED DOOR CLOSER WITH CEMENT CASE*

CAT. NO.	SPRING SIZE	INTERIOR	DOOR CAPACITY	EXTERIOR
BTS80BF	A.D.A. - 8.5 lb.**	—	When Used With a 36" (914 mm) Wide Door	—
BTS802	Size 2 (EN4)	30" to 48" (762 to 1219 mm)	30" to 42" (762 to 1067 mm)	—
BTS803	Size 3 (EN6)	48" to 54" (1219 to 1372 mm)	42" to 48" (1067 to 1219 mm)	—

Minimum order: 1 each. All Door Closers can be combined for quantity pricing. *This Door Closer does not include a Cover Plate or Spindle. These are sold separately.

BTS80 COVER PLATES

CAT. NO.	FINISH
BTS7410CPBS	Brushed Stainless Steel
BTS7410CPPB	Polished Brass
BTS7410CPPS	Polished Stainless Steel
BTS7410CPDU	Dark Bronze

Minimum order: 1 each.

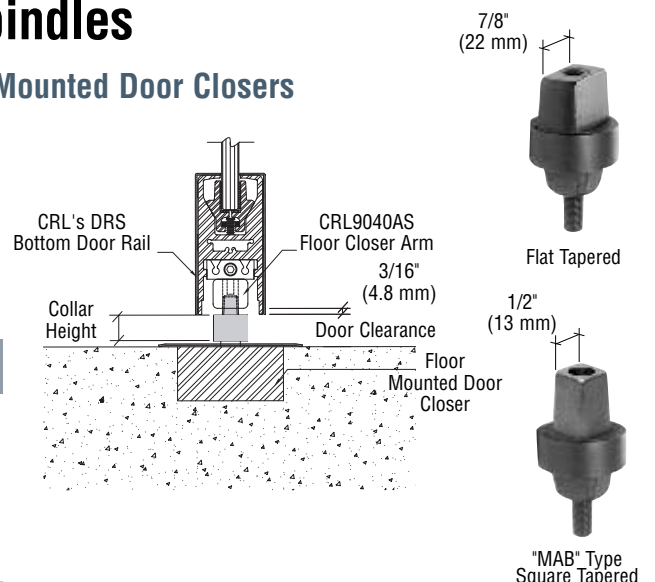
CRL Interchangeable Floor Closer Spindles

- For Use With DORMA® BTS80 and BTS75 Series Floor Mounted Door Closers

CRL Flat Tapered and "MAB" Type Spindles are available in various heights to accommodate different threshold and finished floor heights, and can be used with DORMA® BTS80 Floor Mounted Door Closers. The CRL Flat Tapered Spindle will allow the use of all center-hung and offset bottom arms intended for use with this type of spindle, as well as CRL Patch Fitting Inserts. The "MAB" Style Spindle is commonly used throughout Europe and South America.

FLAT TAPERED CAT. NO.	"MAB" TYPE SQUARE TAPERED CAT. NO.	COLLAR HEIGHT/DRS DOOR CLEARANCE	STANDARD DOOR CLEARANCE
CRL9040S3	CRL9050S3	1/8" (3 mm)	5/16" (8 mm)
CRL9040S8	CRL9050S8	5/16" (8 mm)	1/2" (13 mm)
CRL9040S13	CRL9050S13	1/2" (13 mm)	11/16" (17 mm)
CRL9040S18	CRL9050S18	3/4" (19 mm)	15/16" (24 mm)
CRL9040S23	CRL9050S23	7/8" (22 mm)	1-1/16" (27 mm)
CRL9040S28	CRL9050S28	1-1/8" (29 mm)	1-5/16" (33 mm)
CRL9040S33	CRL9050S33	1-5/16" (33 mm)	1-1/2" (38 mm)

Minimum order: 1 each. All Spindles can be combined for quantity pricing.



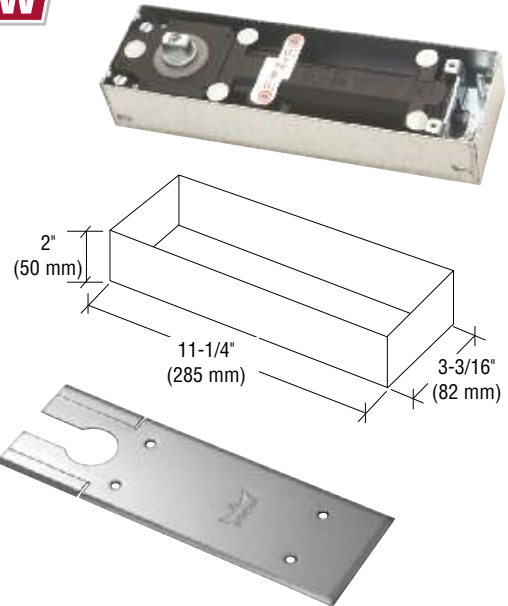
DORMA® BTS75V Series Floor Mounted Door Closers



DORMA is a registered trademark of DORMA Properties, Inc.

- Adjustable Spring Power 1-4
- 25 Year Limited Warranty
- Standard and A.D.A. Compliant Barrier-Free Openings
- ANSI A156.4 Grade 1
- Accommodates Doors Up to 42" (1067 mm) Wide and Weighing Up to 260 Pounds (118 kg)

new



The DORMA® BT75V Series Floor Mounted Door Closers offer adaptability to almost any installation. The DORMA® Closer's compact body permits its use where a larger door closer would be prohibitive. The universal, non-handed design uses a system of interchangeable spindles, and will allow one basic door closer mechanism to be used for either single or double acting, center-hung or offset applications while accommodating virtually any floor covering or threshold height. Available in 90 or 105 degree hold open and non hold open, and full swing to 175 degree models.



Although DORMA® BTS75VBF Series Closers comply with barrier-free ADA specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

DORMA® BTS75V FLOOR MOUNTED DOOR CLOSER WITH CEMENT CASE*

STANDARD CAT. NO.	BF BARRIER-FREE CAT. NO.	CLOSER DESCRIPTION
BTS75V90HO	BTS75VBF90HO	90 Degree Hold-Open
BTS75V105HO	----	105 Degree Hold-Open
BTS75VNHO	BTS75VBFNHO	175 Degree Non Hold-Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing. *This Door Closer does not include a Cover Plate or Spindle. These are sold separately.

BTS75V COVER PLATES

CAT. NO.	FINISH
BTS7510CPBS	Brushed Stainless Steel
BTS7510CPPB	Polished Brass
BTS7510CPPS	Polished Stainless Steel
BTS7510CPDU	Dark Bronze

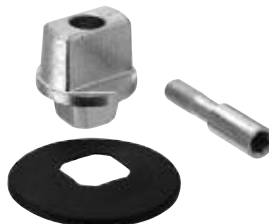
Minimum order: 1 each.

DORMA® 3 Degree Offset Spindles

- Provides 3 Degree Pre-Load Pressure to Help Hold Door in Closed Position
- Handed, Flat Tapered Type

LEFT HAND CAT. NO.	DOOR CLEARANCE	RIGHT HAND CAT. NO.
80003LH	5/16" (8 mm)	80003RH
80005LH	1/2" (13 mm)	80005RH
80010LH	3/4" (19 mm)	80010RH

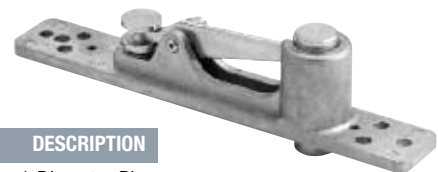
Minimum order: 1 each.



Left Hand Shown

DORMA® Center-Hung Top Pivot

- Walking Beam Adjustable Pivots
- Non-Handed

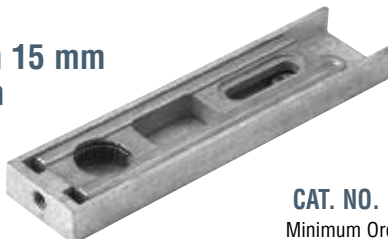


CAT. NO.	DESCRIPTION
80625TP	1/2" (13 mm) Diameter Pin
8062TP	15 mm (19/32") Diameter Pin

Minimum order: 1 each.

DORMA® Center-Hung Top Door Rail Pivot Arm

- For Use With 15 mm Diameter Pin



CAT. NO. 8062DA
Minimum Order: 1 each.

DORMA® Center-Hung Top Pivot Cover Plate

- Finished Covers to Match Frame



CAT. NO.	FINISH
8062COVAL	Aluminum
8062COVDU	Dark Bronze

Minimum order: 1 each.

CRL Offset Top Pivots

- Can Be Used With All Floor Mounted Door Closers
- Pivots Are Non-Handed

Offset Top Pivots are full mortise and non-handed for use with CRL Door Rails, as well as aluminum, wood, and hollow metal doors.



3/4" (19 MM) OFFSET TOP PIVOTS

CAT. NO.	FINISH
CRL9075SC	Satin Chrome
CRL9075CH	Polished Chrome
CRL9075PB	Polished Brass
CRL9075DU	Dark Bronze

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing.

1-1/2" (38 MM) OFFSET TOP PIVOTS

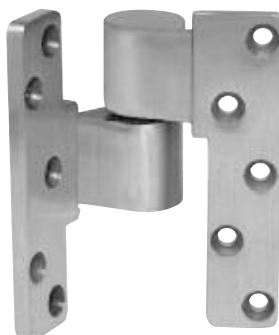
CAT. NO.	FINISH
95120SC	Satin Chrome
95120CH	Polished Chrome
95120DU	Dark Bronze

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing.

CRL Jackson 3/4" Offset Intermediate Aluminum Pivots

- For New or Retrofit Use
- Available in Two Finishes
- Handed Left or Right

These 3/4" (19 mm) Offset Intermediate Aluminum Pivots are for new or retrofit use with standard 1-3/4" (44.5 mm) storefront aluminum doors to maintain door alignment. They are not intended to be load-bearing pivots. Pivots feature a 5/8" (15.9 mm) vertical adjustment.



LH Shown

LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
41J190L628	41J190R628	Aluminum
41J190L313	41J190R313	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Heavy-Duty 3/4" Offset Intermediate Pivots

- For New or Retrofit Use
- Available in Four Finishes
- Handed Left or Right

These 3/4" (19 mm) Offset Intermediate Pivots are for new or retrofit use with standard 1-3/4" (45 mm) storefront aluminum doors to maintain door alignment. These are handed, full-mortise type Pivots, and feature a full race ball bearing and oilite bronze bushing for a long maintenance-free life. They are not intended to be load-bearing pivots. Pivots allow for a 5/8" (16 mm) vertical adjustment, and feature a fully retractable pin for easy installation.



LH Shown

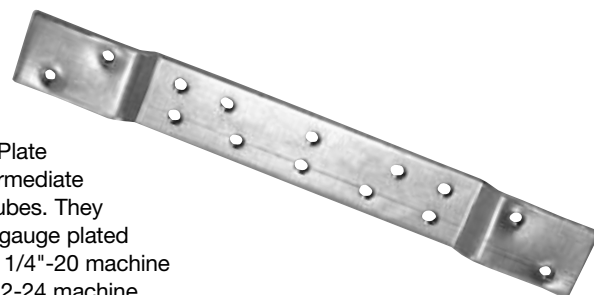
LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
CRL19LHSC	CRL19RHSC	Satin Chrome
CRL19LHPC	CRL19RHPC	Polished Chrome
CRL19LHPB	CRL19RHPB	Polished Brass
CRL19LH DU	CRL19RH DU	Dark Bronze

Minimum order: 1 each. Finishes and handing can be combined for quantity pricing.

CRL Reinforcement Backing Plate for Intermediate Offset Pivots

- Used With Offset Intermediate Pivots
- Non-Handed, Use for Both Door and Frame Reinforcement

This CRL Reinforcement Backing Plate is designed to support standard Intermediate Pivots when mounted to storefront tubes. They are non-handed and made of heavy gauge plated steel. Plates are tapped for standard 1/4"-20 machine screws for the pivot mounting, and 12-24 machine screws to mount the plate to the frame or door. Minimum order is one each.



CAT. NO. 2302711

CRL FLOOR MOUNTED DOOR CLOSERS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Bottom 3/4" Offset Pivot

- Bottom Pivot Mortised Into Side Jamb
- Weight of Door is Supported by Floor Portion
- Vertical Adjustment Range +1/4" to -1/16"

These Bottom Pivots are designed to fit standard aluminum, wood, and hollow metal doors 1-3/4" (44.5 mm) thick.



Left Hand Shown

new

LEFT HAND CAT. NO.	FINISH	RIGHT HAND CAT. NO.
DH14211L	Aluminum	DH14211R
DH14222L	Dark Bronze	DH14222R

Minimum order: 1 each.

CRL Offset Bottom Arms

- Fit All Floor Mounted Door Closers With Flat Tapered Spindles
- Handed Left or Right

CRL Offset Bottom Arms are used with single acting doors where the Floor Closer is offset mounted. The Arms can be used with: 7/8" (22 mm) Flat Tapered Spindles; CRL Door Rails; aluminum, wood, and hollow metal doors. The Arms are handed, and are supplied with a finished cover to complement the finish of the door.



Right Hand Shown



Right Hand Shown

3/4" (19 MM) OFFSET BOTTOM ARMS

LEFT HAND (RHR) CAT. NO.	FINISH	RIGHT HAND (LHR) CAT. NO.
CRL9077SC	Satin Chrome	CRL9079SC
CRL9077PB	Polished Brass	CRL9079PB
CRL9077CH	Polished Chrome	CRL9079CH
CRL9077DU	Dark Bronze	CRL9079DU

Minimum order: 1 each. Finishes and handing can be combined for quantity pricing.

1-1/2" (38 MM) OFFSET BOTTOM ARMS

LEFT HAND (RHR) CAT. NO.	FINISH	RIGHT HAND (LHR) CAT. NO.
95323LHSC	Satin Chrome	95323RHSC
95323LHCH	Polished Chrome	95323RHCH
95323LH DU	Dark Bronze	95323RH DU

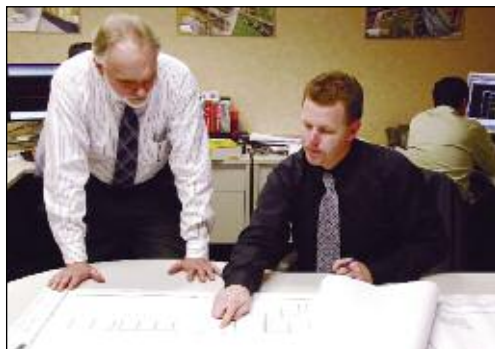
Minimum order: 1 each. Finishes and handing can be combined for quantity pricing.

CRL Technical Assistance

- Auto CAD and Shop Drawings
- Installation Advice
- Detailed Project Quotes

We have added a dedicated Computer Aided Drafting (CAD) Department to our arsenal of Technical Sales and Engineering groups to assist you with drawing submittals and custom design work to land that special project.

Let CRL's Technical Sales Team help you with your project. Everyone at C.R. Laurence is dedicated to providing superior customer service, along with products and resources to keep our customers on the cutting edge of technology.



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Ask for Commercial Technical Sales at Ext. 7700.
Direct Fax (800) 587-7501 or (323) 584-5289
Direct E-Mail architectural@crlaurence.com

To view or place an order for any CRL product visit our Online Catalog at crlaurence.com



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CRL Rixson® 27 Series 3/4" Offset Floor Mounted Door Closers

- For Exterior or Interior Doors
- Selective Hold Open Feature
- 450 Pound (204 kg) Capacity
- Built-In Positive Dead Stop
- Adjustable Backcheck
- ANSI 156.4 Grade 1
- 10 Year Limited Warranty
- UL Listed



RIXSON®

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ABLOY Group Company.



Rixson® Floor Mounted Door Closers are a time proven product known for reliability and a long-lasting service-free life. Floor Closers provide the best mechanical means of controlling a door. They produce an 85% closing force-to-opening force ratio, thereby allowing for lighter opening forces and yet maintaining control of the door. The weight of the door is supported entirely by the bottom arm, which is directly connected to the floor closer spindle. This design allows these closers to handle the rigors of high traffic volume and heavier than average doors.

Rixson® Floor Mounted Door Closers are available from CRL with multiple features and options, such as Selective Hold Open, Built-In Positive Dead Stop, Adjustable Hydraulic Backcheck. Other optional features, finishes, and accessories are available upon request.

FEATURES AND SPECIFICATIONS

- Single Acting, Handed
- Selective Hold Open (SHO) Stocked
- Separate and Independent Valves for Closing Speed, Latching Speed, and Backcheck Adjustments
- Built-in Positive Dead Stop Prevents the Door From Swinging Beyond the Opening Degree Specified. (Stock 90 and 105 Degree)
- "PH" Models Meet ANSI A117.1 Physically Handicapped 8.5 Lb. A.D.A. Opening Force
- 450 Lb. (204 kg), 48" (1219 mm) Width Capacity. Manufacturer Recommends Using One Intermediate Pivot for Doors up to 90" (2286 mm) Tall, and One Additional Intermediate Pivot for Each Additional 30" (762 mm)

Complete Rixson® 27 Series 3/4" Offset Floor Mounted Door Closer Packages

CONTENTS:

27 Series Offset Closer Body
253000 Cement Case
274750 Finished Cover Plate
252050 Bottom Arm
R180 Top Offset Pivot



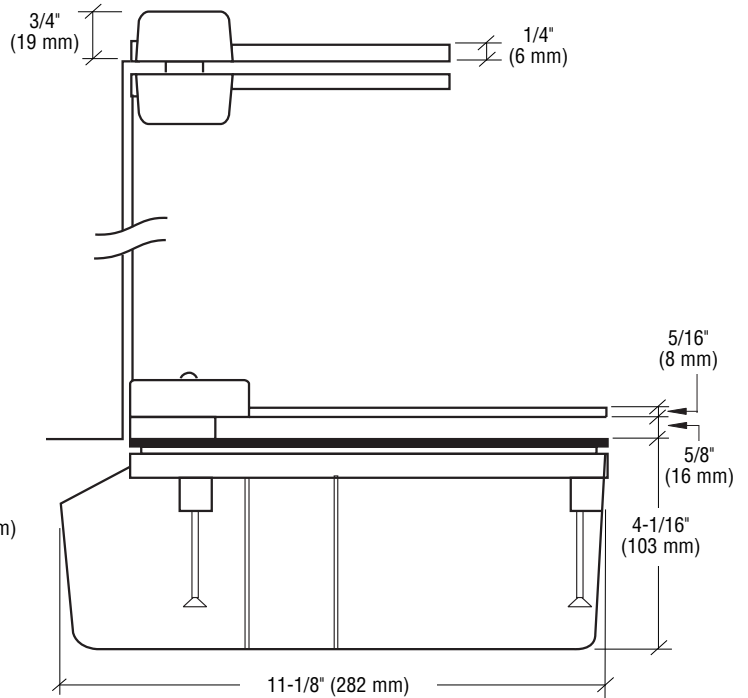
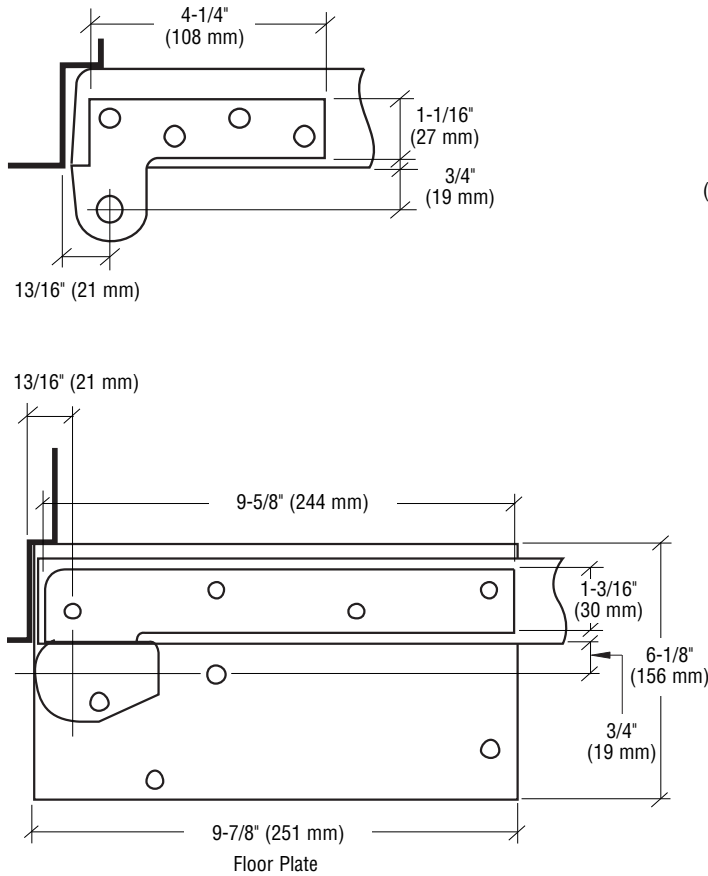
CAT. NO.	TYPE	HANDING	FINISH
2790SHORHSC	90 Degree Selective Hold Open	Right Hand	Satin Chrome
2790SHORHPC	90 Degree Selective Hold Open	Right Hand	Polished Chrome
2790SHORHPB	90 Degree Selective Hold Open	Right Hand	Polished Brass
2790SHORH DU	90 Degree Selective Hold Open	Right Hand	Dark Bronze
2790SHOLHSC	90 Degree Selective Hold Open	Left Hand	Satin Chrome
2790SHOLHPC	90 Degree Selective Hold Open	Left Hand	Polished Chrome
2790SHOLHPB	90 Degree Selective Hold Open	Left Hand	Polished Brass
2790SHOLH DU	90 Degree Selective Hold Open	Left Hand	Dark Bronze
27105SHORHSC	105 Degree Selective Hold Open	Right Hand	Satin Chrome
27105SHORHPC	105 Degree Selective Hold Open	Right Hand	Polished Chrome
27105SHORHPB	105 Degree Selective Hold Open	Right Hand	Polished Brass
27105SHORH DU	105 Degree Selective Hold Open	Right Hand	Dark Bronze
27105SHOLHSC	105 Degree Selective Hold Open	Left Hand	Satin Chrome
27105SHOLHPC	105 Degree Selective Hold Open	Left Hand	Polished Chrome
27105SHOLHPB	105 Degree Selective Hold Open	Left Hand	Polished Brass
27105SHOLH DU	105 Degree Selective Hold Open	Left Hand	Dark Bronze

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL Rixson® 27 Series 3/4" Offset Floor Mounted Door Closers

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NOTE: Requires Cat. No. 253000 Cement Case (See page 730W)

CRL Rixson® 27 Series 3/4" Offset Floor Mounted Door Closer Bodies Only

27 SERIES FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
2790SH0RHBODY	90 Degree Selective Hold Open	Right Hand
2790SH0LHBODY	90 Degree Selective Hold Open	Left Hand
27105SH0RHBODY	105 Degree Selective Hold Open	Right Hand
27105SH0LHBODY	105 Degree Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

PH27 8.5 LB. A.D.A. * FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
PH2790SH0RH85	90 Degree Selective Hold Open	Right Hand
PH2790SH0LH85	90 Degree Selective Hold Open	Left Hand
PH27105SH0RH85	105 Degree Selective Hold Open	Right Hand
PH27105SH0LH85	105 Degree Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



NOTE: CRL is a stocking Rixson® Specialty Door Control Distributor. If you need Rixson® products that are not shown in our catalog, please contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also e-mail us through our web site at crlaurence.com.



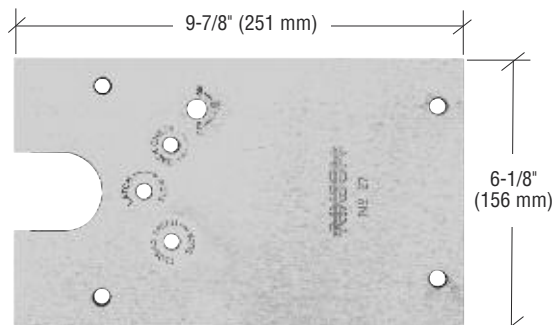
*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

CRL Rixson® Accessories for 27 Series 3/4" Offset Floor Mounted Door Closers



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CRL Rixson® Cover Plates for 27 Series SHO Floor Mounted Door Closers



27 Series SHO Cover Plate (RH Shown)

Cover Plates are handed, and allow access to selective hold open valve and closer adjustments without removing the door. Furnished complete with finished mounting screws. **NOTE:** For Cement Case see page 730W.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
274750LHSC	274750RHSC	Satin Chrome
274750LHPC	274750RHPC	Polished Chrome
274750LHPB	274750RHPB	Polished Brass
274750LH DU	274750RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Rixson® 3/4" Offset Top Pivots

- Oil-Impregnated Sintered Bronze Bearing
- Non-Handed



These Offset Top Pivots are supplied with an oil-impregnated sintered bronze bearing, and intended for use with standard aluminum, wood, and hollow metal doors. These Pivots are fully mortised and non-handed. They are supplied with wood and machine screws to allow most common installations.

CAT. NO.	FINISH
R180SC	Satin Chrome
R180PC	Polished Chrome
R180PB	Polished Brass
R180DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Rixson® 3/4" Offset Intermediate Pivots

CRL Rixson® 3/4" (19 mm) Offset Intermediate Pivots are designed for use with standard 1-3/4" (45 mm) doors to maintain door alignment. Pivots are handed, and available in four standard architectural finishes. These Pivots are fully mortised and non load-bearing. They are supplied with wood and machine screws to allow most common installations. They are recommended for use with doors 90" (2.28 m) or taller. Each additional 30" (762 mm), or fraction thereof, warrants the use of an additional Intermediate Pivot.



LH Shown



RH Shown

LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
M19LHSC	M19RHSC	Satin Chrome
M19LHPC	M19RHPC	Polished Chrome
M19LHPB	M19RHPB	Polished Brass
M19LH DU	M19RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Reinforcement Backing Plate for Intermediate Offset Pivots

- Non-Handed, Usable for Both Door and Frame Reinforcement



CRL Reinforcement Backing Plate is designed to support standard Intermediate Pivots when mounted to storefront tubes. They are non-handed, and made of heavy gauge, plated steel. Plates are tapped for standard 1/4-20 machine screws for the pivot mounting, and 12-24 machine screws to mount the plate to the frame or door. Minimum order is one each.

CAT. NO. 2302711

CRL Rixson® 3/4" Offset Arms for 27 Series Floor Mounted Door Closers



Offset Closer Arms are used with single acting doors where the Door Closer is offset mounted. The Arms are handed, and are supplied with a finished cover to match the opening finish.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
252050LHSC	252050RHSC	Satin Chrome
252050LHPC	252050RHPC	Polished Chrome
252050LHPB	252050RHPB	Polished Brass
252050LH DU	252050RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Rixson® 28 Series Center-Hung Floor Mounted Door Closers

- For Exterior or Interior Doors
- Selective Hold Open Feature
- 350 Pound (159 kg) Capacity
- Built-In Positive Dead Stop
- Adjustable Backcheck
- ANSI 156.4 Grade 1
- 10 Year Limited Warranty
- UL Listed



RIXSON®

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Rixson® Floor Mounted Door Closers are a time proven product known for reliability and a long-lasting service-free life. Floor Closers provide the best mechanical means of controlling a door. They produce an 85% closing force-to-opening force ratio, thereby allowing for lighter opening forces and yet maintaining control of the door. The weight of the door is supported entirely by the bottom arm, which is directly connected to the floor closer spindle. This design allows these closers to handle the rigors of high traffic volume and heavier than average doors.

Rixson® Floor Mounted Door Closers are available from CRL with multiple features and options, such as Selective Hold Open, Built-In Positive Dead Stop, Adjustable Hydraulic Backcheck. Other optional features, finishes, and accessories are available upon request.

FEATURES AND SPECIFICATIONS

- Single Acting, Handed
- Selective Hold Open (SHO) Stocked
- Separate and Independent Valves for Closing Speed, Latching Speed, and Backcheck Adjustments
- Built-in Positive Dead Stop Prevents the Door From Swinging Beyond the Opening Degree Specified. (Stock 90 and 105 Degree)
- "PH" Models Meet ANSI A117.1 Physically Handicapped 8.5 Lb. A.D.A. Opening Force
- 350 Lb. (159 kg), 48" (1219 mm) Width Capacity.
- Furnished with Wood and Machine Screws

Complete Rixson® 28 Series Center-Hung Floor Mounted Door Closer Packages

CONTENTS:

28 Series Center-Hung Closer Body
253000 Cement Case
284720 Finished Cover Plate
282026 Bottom Arm
340 Center-Hung Top Pivot



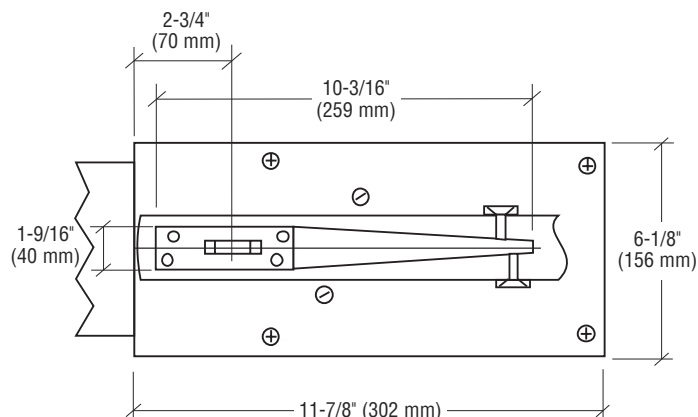
CAT. NO.	TYPE	HANDING	FINISH
2890SHORHSC	90 Degree Selective Hold Open	Right Hand	Satin Chrome
2890SHORHPC	90 Degree Selective Hold Open	Right Hand	Polished Chrome
2890SHORHPB	90 Degree Selective Hold Open	Right Hand	Polished Brass
2890SHORH DU	90 Degree Selective Hold Open	Right Hand	Dark Bronze
2890SHOLHSC	90 Degree Selective Hold Open	Left Hand	Satin Chrome
2890SHOLHPC	90 Degree Selective Hold Open	Left Hand	Polished Chrome
2890SHOLHPB	90 Degree Selective Hold Open	Left Hand	Polished Brass
2890SHOLH DU	90 Degree Selective Hold Open	Left Hand	Dark Bronze
28105SHORHSC	105 Degree Selective Hold Open	Right Hand	Satin Chrome
28105SHORHPC	105 Degree Selective Hold Open	Right Hand	Polished Chrome
28105SHORHPB	105 Degree Selective Hold Open	Right Hand	Polished Brass
28105SHORH DU	105 Degree Selective Hold Open	Right Hand	Dark Bronze
28105SHOLHSC	105 Degree Selective Hold Open	Left Hand	Satin Chrome
28105SHOLHPC	105 Degree Selective Hold Open	Left Hand	Polished Chrome
28105SHOLHPB	105 Degree Selective Hold Open	Left Hand	Polished Brass
28105SHOLH DU	105 Degree Selective Hold Open	Left Hand	Dark Bronze

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL Rixson® 28 Series Center-Hung Floor Mounted Door Closers



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NOTE: CRL is a stocking Rixson® Specialty Door Control Distributor. If you need Rixson® products that are not shown in our catalog, please contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also e-mail us through our web site at crlaurence.com.

CRL Rixson® 28 Series Center-Hung Floor Mounted Door Closer Bodies Only

28 SERIES FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
2890SHORHBODY	90 Degree Selective Hold Open	Right Hand
2890SHOLHBODY	90 Degree Selective Hold Open	Left Hand
28105SHORHBODY	105 Degree Selective Hold Open	Right Hand
28105SHOLHBODY	105 Degree Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

PH28 8.5 LB. A.D.A.* FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
PH2890SHORH85	90 Degree Selective Hold Open	Right Hand
PH2890SHOLH85	90 Degree Selective Hold Open	Left Hand
PH28105SHORH85	105 Degree Selective Hold Open	Right Hand
PH28105SHOLH85	105 Degree Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



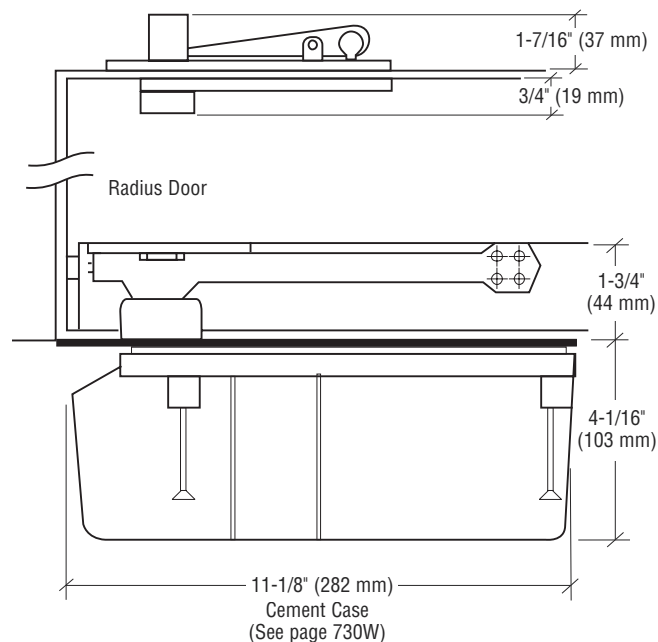
*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

CRL Rixson® 328 Series Center-Hung Floor Mounted Door Closer Bodies for Patch Fittings

328 SERIES FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
32890SHORHBODY	90 Degree Selective Hold Open	Right Hand
32890SHOLHBODY	90 Degree Selective Hold Open	Left Hand
328105SHORHBOD	105 Degree Selective Hold Open	Right Hand
328105SHOLHBOD	105 Degree Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



28 Series



328 Series

For a complete selection of CRL Patch Fittings, visit crlaurence.com



PH328 8.5 LB. A.D.A.* FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
PH32890SHORH85	90 Degree Selective Hold Open	Right Hand
PH32890SHOLH85	90 Degree Selective Hold Open	Left Hand
PH328105SHORH85	105 Degree Selective Hold Open	Right Hand
PH328105SHOLH85	105 Degree Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL FLOOR MOUNTED DOOR CLOSERS

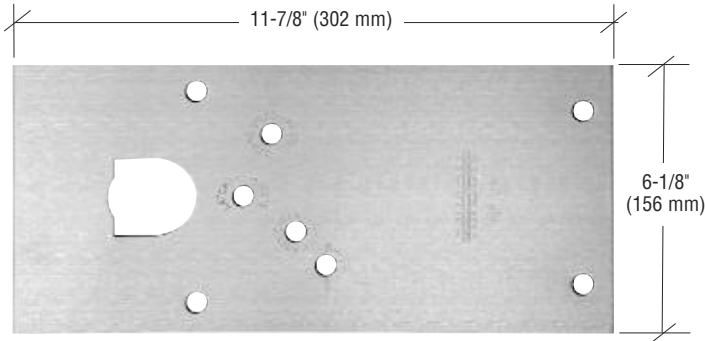
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at the Phone Numbers Shown on the Back Cover

CRL Rixson® Accessories for 28 Series Center-Hung Floor Mounted Door Closers

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ABLOY Group Company.

CRL Rixson® Cover Plates for 28 Series SHO Floor Mounted Door Closers



28 Series SHO Cover Plate (LH Shown)

Cover Plates are handed, and allow access to selective hold open valve and closer adjustments without removing the door. Furnished complete with finished mounting screws.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
284720LHSC	284720RHSC	Satin Chrome
284720LHPC	284720RHPC	Polished Chrome
284720LHPB	284720RHPB	Polished Brass
284720LH DU	284720RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Rixson® Cement Case for 27 and 28 Series Floor Mounted Door Closers



CAT. NO. 253000

This Rixson® Cement Case is made from cycolac, and is used for standard 27 and 28 Series Floor Mounted Door Closer installations. This case is non-handed and supplied with mounting hardware. Minimum order is one each.



27 and 28 Series Door Closers sold separately
(See pages 726W, 729W)

CRL Rixson® 28 Center-Hung Arm



This Center-Hung Bottom Arm is intended for use with the 28 Series type spindle. This Arm is non-handed and is supplied with exposed finished door alignment hardware.

CAT. NO.	FINISH
282026SC	Satin Chrome
282026PC	Polished Chrome
282026PB	Polished Brass
282026DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Rixson® 554 Center-Hung Arm



CAT. NO. 282554

This Center-Hung Bottom Arm is intended for use with the 28 Series type spindle, and is completely concealed with no exposed alignment hardware. Minimum order is one each.



28 Series Door Closer sold separately
(See page 729W)



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US ALUMINUM

730W |

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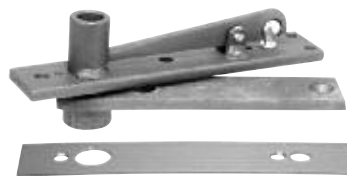
CRL Rixson® Accessories for Floor Mounted Door Closers

CRL Rixson® Regular Duty and Heavy-Duty Center-Hung Top Pivots

- Regular Duty 1/2" (12.7 mm) Diameter Pivot Pin With Sintered Bronze Bearing
- Heavy-Duty 11/16" (17.4 mm) Diameter Pivot Pin With Needle Bearing
- New Long Throw Heavy-Duty 3/4" (19 mm) Diameter Pivot Pin With Needle Bearing for Doors Over 8'6" (2.6 m) in Height
- Finished Cover Plates Are Included
- Pivots Are Non-Handed

These CRL Rixson® Center-Hung Walking Beam Top Pivots have either a standard 1/2" (12.7 mm), a heavy-duty 11/16" (17.4 mm), or a heavy-duty 3/4" (19 mm) diameter pivot pin. The supplied Top Rail Door Arm provides a 3/4" (19 mm) deep engagement for the first two models, and 1-3/4" (44 mm) deep engagement for the Long Throw Heavy-Duty Pivot, making it ideal for locations where there is concern of dramatic building settling. These Pivots are fully mortised and non-handed. Supplied with finished Cover Plate, plus wood and machine screws.

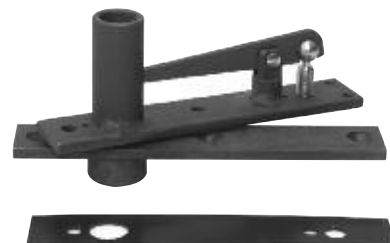
NOTE: Custom Rail and Header preparations are required when using the H345 Series Long Throw Heavy-Duty Pivot.



Regular Duty Top Pivot



Heavy-Duty Top Pivot



Long Throw Heavy-Duty Top Pivot

REGULAR DUTY CAT. NO.	HEAVY-DUTY CAT. NO.	LONG THROW HEAVY-DUTY CAT. NO.	COVER PLATE FINISH
340SC	H340SC	H345SC	Satin Chrome
340PC	H340PC	H345PC	Polished Chrome
340PB	H340PB	H345PB	Polished Brass
340DU	H340DU	H345DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Rixson® Center-Hung Pivot Set

- For Interior or Exterior Center-Hung Doors Up to 500 Pounds (227 kg)
- Regular Duty 340 Center-Hung Top Pivot Included

This Rixson® Center-Hung Pivot Set features a 500 pound (227 kg) weight capacity, and can be used on center-hung doors up to 44" x 102" (1.12 x 2.59 m). Double-acting, non-handed Bottom Pivot mounts directly to floor with included fasteners. Sealed bearings for protection against the weather.



Bottom Pivot



Regular Duty Top Pivot

CAT. NO.	COVER PLATE FINISH
370SC	Satin Chrome
370PC	Polished Chrome
370PB	Polished Brass
370DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

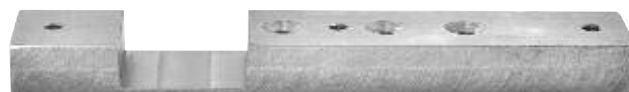
CRL Rixson® 340 and H340 Walking Beam Adapter Blocks for Top Rail

- For Use With CRL DRS Door Rail System
- Used for Center-Hung Applications With Rixson® 340 or H340 Walking Beam Pivots

These Adapter Blocks attach to our standard slide block allowing the easy installation of the door portion of a Rixson® 340 Regular Duty Walking Beam Pivot or H340 Heavy-Duty Walking Beam Pivot. Minimum order is one each.



Regular Duty Adapter Block
CAT. NO. CRL340ADP



Heavy-Duty Adapter Block
CAT. NO. CRLH340ADP

CRL Rixson® Overhead Stops and Holders



Rixson® is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

- Protects Door and Entryway
- For Exterior or Interior Doors
- Concealed and Surface Mounted
- Non-Handed
- ANSI 156.8 Grade 1

Heavy-Duty 6 Series Concealed Mount Overhead Stop



- Concealed Slide Track in Top Door Rail

CAT. NO.	DOOR OPENING TYPE		FINISH
	OFFSET PIVOTS/HINGES	CENTER-HUNG PIVOTS	
6236SS 6236PB 6236DU	28-1/16" to 33" (713 to 838 mm)	30" to 36" (762 to 914 mm)	Satin Stainless Polished Brass Painted Dark Bronze
6336SS 6336PB 6336DU	33-1/16" to 38" (840 to 965 mm)	36-1/16" to 41" (916 to 1041 mm)	Satin Stainless Polished Brass Painted Dark Bronze
6436SS 6436PB 6436DU	38-1/16" to 43" (967 to 1092 mm)	41-1/16" to 46" (1043 to 1168 mm)	Satin Stainless Polished Brass Painted Dark Bronze
6536SS 6536PB 6536DU	43-1/16" to 48" (1094 to 1219 mm)	46-1/16" to 50" (1170 to 1270 mm)	Satin Stainless Polished Brass Painted Dark Bronze

Minimum order: 1 each. All Overhead Stops can be combined for quantity pricing.

Overhead Stops and Holders are used to protect both doors and entire entryways from damage caused by violent door openings due to wind gusts, heavy traffic frequency, abuse, and vandalism. By limiting the door travel, they can prevent damage to the door frame, closer, hinges, and pivots.

FEATURES AND SPECIFICATIONS

- Low Profile Concealed Channel Slide Track
- Designed for Installation in Aluminum Door Webbing and Door Rails
- Non-Handed
- Heavy Shock Absorber Spring Provides 5 to 7 Degree Compression Before Reaching a Dead-Stop
- Non-Metal Slide Block
- 110 Degree Maximum Opening
- Furnished With Fasteners for Both Wood or Metal Door and Frame

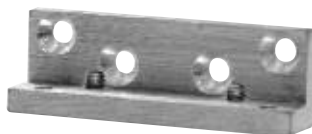


Multi-Function 10 Series Surface Mount Overhead Stops and Holders

- Surface Mounted for New or Retrofit Installations

FEATURES AND SPECIFICATIONS

- Non-Handed – Slide Track Design
- Multi-Function Slider for Field Selection of Hold Open, Friction Stay or Stop Only
- Degree of Opening Fully Adjustable – 110 Degree Maximum Opening
- Heavy Shock Absorber Spring Provides 5 to 7 Degree Compression Before Reaching a Dead-Stop
- Non-Metal Slide and Shock Block
- Furnished With Fasteners for Both Wood or Metal Door and Frame
- Recommended for Medium Traffic, Medium Weight Doors



Optional Mounting Bracket

CAT. NO.
5258

CAT. NO.	DOOR OPENING TYPE		FINISH
	OFFSET PIVOTS/HINGES	CENTER-HUNG PIVOTS	
10346SS 10346SA 10346DU	30-1/16" to 36" (764 to 914 mm)	32-1/16" to 38" (814 to 965 mm)	Satin Stainless Satin Anodized Painted Dark Bronze
10446SS 10446SA 10446DU	36-1/16" to 42" (916 to 1067 mm)	38-1/16" to 45" (967 to 1143 mm)	Satin Stainless Satin Anodized Painted Dark Bronze
10546SS 10546SA 10546DU	42-1/16" to 48" (1068 to 1219 mm)	45-1/16" to 48" (1145 to 1219 mm)	Satin Stainless Satin Anodized Painted Dark Bronze

Minimum order: 1 each. All Overhead Stops can be combined for quantity pricing.

NOTE: Standard 10 Series Overhead Stops and Holders are shipped for Push Side Mounting. For Pull Side Mounting, Order Cat. No. 5258 Optional Mounting Bracket.

CRL Jackson Cross Bar Panic Exit Devices

- Available as Concealed Vertical Rod and Rim Exit Devices
- For Use With Narrow, Medium, and Wide Stile Aluminum, Wood, or Hollow Metal Doors

CRL Jackson Cross Bar Panic Exit Devices are proven products for providing an economical solution to satisfy both security and life safety requirements. This Exit Device comes with a 48" (1219 mm) length cross bar that can be field cut to fit your exact door size requirements. Standard finishes are satin aluminum and dark bronze. See page 734W.



Model 1095

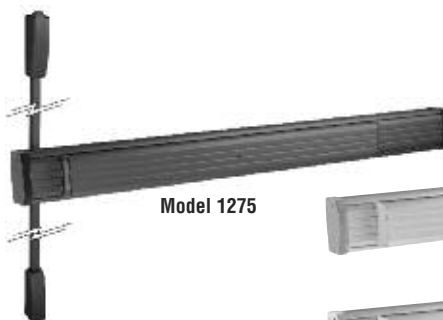


Model 1085

CRL Jackson Push-Pad Panic Exit Devices

- For Use With Narrow, Medium, and Wide Stile Aluminum, Wood, or Hollow Metal Doors
- Two Standard Architectural Finishes
- "Soft-Touch" Smooth Action Push-Pad

CRL Jackson Push-Pad Rim Panic Devices are available in Rim, Concealed, and Surface Vertical Rod Versions. These Panic Exit Devices are designed for 1-3/4" (44.5 mm) narrow stile aluminum doors, but can also be used with medium and wide stile aluminum, wood or hollow metal doors. Standard finishes are satin aluminum and dark bronze. See page 735W.



Model 1275



Model 1285



Model 1295

CRL Access Control Handles for 'All-Glass' Doors

- For 1/2" (12 mm) or 3/4" (19 mm) Tempered Glass Doors
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available by Special Order
- Stock Sizes Available for Immediate Shipment
- Custom Sizes Ship Within One to Two Weeks
- Wide Selection of Exterior Fixed Handles

CRL manufactures a complete line of Access Control Handles for your 'all-glass' door needs. We have Panic Devices, Deadbolt Handles, and Electronic Egress Control Handles in a wide variety of configurations.



BLUMCRAFT.
A DIVISION OF C.R. LAURENCE CO., INC.

CRL Panic Handles

- Elegant Tubular Design
- UL and ANSI/BHMA Certified

The operating mechanism is concealed within the vertical tubing of our Panic Handles retracts the latch bolt when the interior actuation bar is pushed. An optional exterior Keyed Access Device can be installed to allow entry, and a special dogging feature allows the doors to remain unlocked during business hours. Electronic Strikes are also available, providing a variety of secured entry options. See pages 752W-753W.

CRL Deadbolt Handles

- Easy Secure Access
- ANSI/BHMA Certified

The locking mechanism is concealed within the vertical tubing of our Deadbolt Handles, providing easy access through the use of a variety of keying options. An optional Top Latch Roller Bolt allows the use of Electronic Strikes for controlled entry systems. See pages 754W-755W.



CRL Electronic Egress Control Handles

- Ideal for Maintaining Security and Aesthetics
- UL Recognized Component

An electronic switch concealed within the vertical tubing of our Electronic Egress Control Handles releases the magnetic lock at the top or bottom of the door, when the interior actuation bar is pushed. Please consult your local building codes as they relate to electromagnetic locking hardware acceptability. See pages 756W-757W.

CRL Jackson 10 Series Panic Exit Devices

- Designed for Use With 1-3/4" (44 mm) Narrow, Medium, and Wide Stile Aluminum, Wood, or Hollow Metal Doors
- Available With Crossbar or Engraved "Push" Paddle Operation on Active Side
- Concealed Fastening for Added Security

CRL Jackson Panic Exit Devices are universally recognized as the standard for aluminum storefront hardware. These Exit Devices are designed to withstand wear and tear, yet remain aesthetically pleasing for years to come. Each part is manufactured from the highest quality materials, which are hand fitted and adjusted for a smooth, whisper-quiet operation. CRL Jackson Panic Exit Devices are suitable for use with 1-3/4" (44.5 mm) narrow, medium, and wide stile aluminum, wood, or hollow metal doors. For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7520. You can also visit our website at crlaurence.com.

CROSSBAR EXIT DEVICES

CAT. NO.	TYPE	HANDING	FINISH
311095LC4628	Rim - 'C' Strike	Left Hand-Reverse Bevel	Satin Aluminum
311095RC4628	Rim - 'C' Strike	Right Hand-Reverse Bevel	Satin Aluminum
311095LC4313	Rim - 'C' Strike	Left Hand-Reverse Bevel	Dark Bronze
311095RC4313	Rim - 'C' Strike	Right Hand-Reverse Bevel	Dark Bronze
311095LS4628	Rim - 'S' Strike	Left Hand-Reverse Bevel	Satin Aluminum
311095RS4628	Rim - 'S' Strike	Right Hand-Reverse Bevel	Satin Aluminum
311095LS4313	Rim - 'S' Strike	Left Hand-Reverse Bevel	Dark Bronze
311095RS4313	Rim - 'S' Strike	Right Hand-Reverse Bevel	Dark Bronze
31108547628	Concealed Vert. Rod	Non-Handed	Satin Aluminum
31108547313	Concealed Vert. Rod	Non-Handed	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

PADDLE DEVICES

CAT. NO.	TYPE	HANDING	FINISH
311095PLC628	Rim - 'C' Strike	Left Hand-Reverse Bevel	Satin Aluminum
311095PRC628	Rim - 'C' Strike	Right Hand-Reverse Bevel	Satin Aluminum
311095PLC313	Rim - 'C' Strike	Left Hand-Reverse Bevel	Dark Bronze
311095PRC313	Rim - 'C' Strike	Right Hand-Reverse Bevel	Dark Bronze
311085PL7628	Concealed Vert. Rod	Left Hand-Reverse Bevel	Satin Aluminum
311085PR7628	Concealed Vert. Rod	Right Hand-Reverse Bevel	Satin Aluminum
311085PL7313	Concealed Vert. Rod	Left Hand-Reverse Bevel	Dark Bronze
311085PR7313	Concealed Vert. Rod	Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Paddle Exit Devices can be combined for quantity pricing.



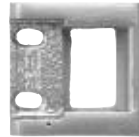
Model 1095



Model 1085



'C' Strike



'S' Strike



Paddle Device

SPECIFICATIONS:

- Contoured Field Sizeable 48" (1219 mm) Long Crossbar
- Dual Dogging Feature – By Outside Cylinder – By Dogging Pins on Panic Housing
- Wear Points Insulated by Nylon Sleeves and Rollers

1095 Rim Device

- Requires Rim Cylinder for Keyed Entry; See Page 741W for Cylinders
- Cylinder Mounting Pad Not Required

1085 Concealed Vertical Rod Device

- Standard Height 84" (2134 mm); See Page 740W for Extensions
- Requires Mortise Cylinder and No. 30821J Mounting Pad for Keyed Entry; See Pages 740W-741W for Cylinders and Pads

MATERIALS:

- Body and Arms: High Tensile Strength Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel
- Latch and Strikes: Sintered Steel

CRL Jackson 10 Series Push-Pad Retrofit Device

- Sleek, Contemporary Style Push-Pad to Retrofit Existing Jackson 1085 Concealed Vertical Rod Crossbar Exit Devices
- Uses Existing 10 Series Rod and Case Assembly
- Easy Installation – Cut to Fit



36" DOOR CAT. NO.	48" DOOR CAT. NO.	HANDING	FINISH
311285RL3628	311285RL4628	Left Hand-Reverse Bevel	Satin Aluminum
311285RR3628	311285RR4628	Right Hand-Reverse Bevel	Satin Aluminum
311285RL3313	311285RL4313	Left Hand-Reverse Bevel	Dark Bronze
311285RR3313	311285RR4313	Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each.

SPECIFICATIONS:

- Stocked in Both 36" (914 mm) and 48" (1219 mm) Widths

MATERIALS:

- Base and Push-Pad: Extruded Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel

CRL Jackson 1200 Series Panic Exit Devices

- Designed for Use With 1-3/4" (44 mm) Narrow, Medium, and Wide Stile Aluminum, Wood or Hollow Metal Doors
- "Soft-Touch" Smooth Action Push-Pad
- Field Sizeable

This CRL Jackson Exit Device blends the reliability of the time-proven 10 Series Crossbar Device with the sleek, contemporary style of today's modern push-pad exit device. Available in Rim, Concealed, and Surface Vertical Rod versions, this device is suitable for use with 1-3/4" (44.5 mm) narrow, medium, and wide stile aluminum, wood, or hollow metal doors. The base is easily trimmed for field sizing. This Exit Device features an easy to use Hex Key dogging system, and is also available with keyed cylinder dogging.

The 1200 Series touch pad with "Soft-Touch" insert requires slight pressure anywhere on the bar insert for instant release of the locking mechanism. Overall projection is only 2-7/8" (73 mm) from the door surface, and mounting hardware is concealed. For active outside trim and other panic accessories, see pages 739W-741W.



'C' Strike



'S' Strike

36" (914 MM) DOOR CAT. NO.	48" (1219 MM) DOOR CAT. NO.	TYPE	HANDING	FINISH
31127537628	31127547628	Surface Vertical Rod	Non-Handed	Satin Aluminum
31127537313	31127547313	Surface Vertical Rod	Non-Handed	Dark Bronze
311285L37628	311285L4628	Concealed Vertical Rod	Left Hand-Reverse Bevel	Satin Aluminum
311285R37628	311285R4628	Concealed Vertical Rod	Right Hand-Reverse Bevel	Satin Aluminum
311285L37313	311285L4313	Concealed Vertical Rod	Left Hand-Reverse Bevel	Dark Bronze
311285R37313	311285R4313	Concealed Vertical Rod	Right Hand-Reverse Bevel	Dark Bronze
311295C3628	311295C4628	Rim Device - 'C' Strike	Non-Handed	Satin Aluminum
311295C3313	311295C4313	Rim Device - 'C' Strike	Non-Handed	Dark Bronze
311295S3628	311295S42628	Rim Device - 'S' Strike	Non-Handed	Satin Aluminum
311295S3313	311295S42313	Rim Device - 'S' Strike	Non-Handed	Dark Bronze

Minimum order: 1 each.

Cylinder Dogging

Cylinder dogging is available when specified by adding "C" behind the model number. The Exit Device is supplied with the required prep and special cam only that is required to be used with a 1-1/4" Mortise Cylinder that is not supplied with the device and must be purchased separately. See DC7205SCK Series on page 741W.

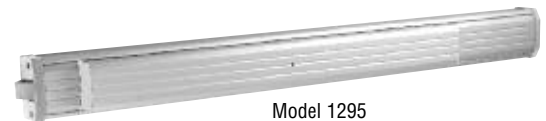
Example: 312095'C'LC3628



Model 1275



Model 1285



Model 1295

SPECIFICATIONS:

1275 Surface Vertical Rod Device

- Stocked in Both 36" (914 mm) and 48" (1219 mm) Widths
- Standard Door Height 84" (2134 mm) – Field Sizeable

1285 Concealed Vertical Rod Device

- Stocked in Both 36" (914 mm) and 48" (1219 mm) Widths
- Standard Height 84" (2134 mm) - Extension Available; See page 740W
- Requires Series 30821J Cylinder Mounting Pad When Using Mortise Cylinder for Keyed Outside Entry; See pages 740W-741W

1295 Rim Device

- Stocked in Both 36" (914 mm) and 48" (1219 mm) Widths
- Surface Mounted Roller Strike Standard
- Requires Rim Cylinder for Keyed Entry; See page 741W.

MATERIALS:

Base and Push-Pad: Extruded Aluminum
Mechanical Components: Stainless and Hardened, Plated Steel
Latch and Strikes: Sintered Steel
Metal End Caps



Cylinder Dogging
Models Available

CRL Jackson 20 Series Panic Exit Devices

- Designed for Use With 1-3/4" (44 mm) Narrow, Medium, and Wide Stile Aluminum, Wood, or Hollow Metal Doors
- Concealed Fastening for Added Security

This CRL Jackson Panic Exit Device is designed to withstand wear and tear, yet remain aesthetically pleasing. Each part is manufactured from the highest quality materials, which are hand fitted and adjusted for a smooth, whisper-quiet operation. The Touch Pad with "Soft-Touch" insert requires only slight pressure anywhere on the bar insert for a smooth release.

Available in both a Rim and Concealed Vertical Rod versions, this device is suitable for use with 1-3/4" (44.5 mm) narrow, medium, and wide stile aluminum, wood, or hollow metal doors. It complies with ANSI 156.3, Grade 1 Specification. For active outside trim and other panic accessories, see pages 739W-741W.



2085 Series
Top Latch
Panic Device



2086 Series
Top Bolt
Panic Device



CONCEALED VERTICAL ROD EXIT DEVICES

TOP LATCH CAT. NO.	TOP BOLT CAT. NO.	LENGTH – HANDING	FINISH
312085L37628	312086L37628	36" (914 mm) Left Hand-Reverse Bevel	Satin Aluminum
312085R37628	312086R37628	36" (914 mm) Right Hand-Reverse Bevel	Satin Aluminum
312085L37313	312086L37313	36" (914 mm) Left Hand-Reverse Bevel	Dark Bronze
312085R37313	312086R37313	36" (914 mm) Right Hand-Reverse Bevel	Dark Bronze
312085L47628	312086L47628	48" (1219 mm) Left Hand-Reverse Bevel	Satin Aluminum
312085R47628	312086R47628	48" (1219 mm) Right Hand-Reverse Bevel	Satin Aluminum
312085L47313	312086L47313	48" (1219 mm) Left Hand-Reverse Bevel	Dark Bronze
312085R47313	312086R47313	48" (1219 mm) Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.



'C' Strike



'S' Strike

RIM EXIT DEVICES

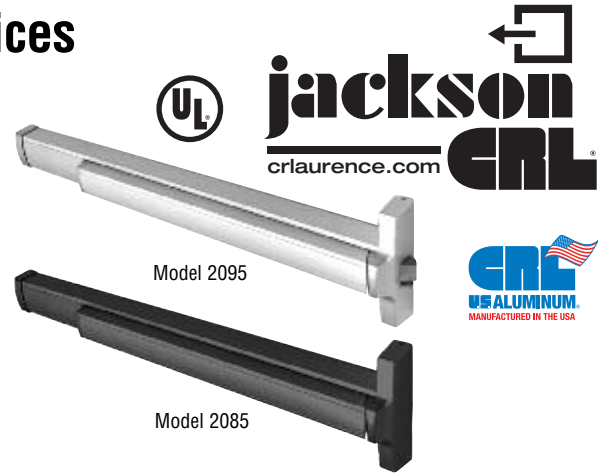
'C' STRIKE CAT. NO.	'S' STRIKE CAT. NO.	LENGTH – HANDING	FINISH
312095LC3628	312095LS3628	36" (914 mm) Left Hand-Reverse Bevel	Satin Aluminum
312095RC3628	312095RS3628	36" (914 mm) Right Hand-Reverse Bevel	Satin Aluminum
312095LC3313	312095LS3313	36" (914 mm) Left Hand-Reverse Bevel	Dark Bronze
312095RC3313	312095RS3313	36" (914 mm) Right Hand-Reverse Bevel	Dark Bronze
312095LC4628	312095LS4628	48" (1219 mm) Left Hand-Reverse Bevel	Satin Aluminum
312095RC4628	312095RS4628	48" (1219 mm) Right Hand-Reverse Bevel	Satin Aluminum
312095LC4313	312095LS4313	48" (1219 mm) Left Hand-Reverse Bevel	Dark Bronze
312095RC4313	312095RS4313	48" (1219 mm) Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

Cylinder Dogging

Cylinder dogging is available when specified by adding "C" behind the model number. The Exit Device is supplied with the required prep and special cam only that is required to be used with a 1-1/8" Mortise Cylinder that is not supplied with the device and must be purchased separately. See DC7185SC Series on page 741W.

Example: 312095'C'LC3628



SPECIFICATIONS:

- Standard for 36" (914 mm) Wide Door – Field Sizeable up to 48" (1219 mm) Width Available
- Concealed Easy to Use Dogging System – Optional Cylinder Dogging is Available
- Wear Points Insulated by Nylon Sleeves and Rollers

2085 Concealed Vertical Rod Device – Top Latch

- Positive Locking, Spring Loaded Top Latch
- Standard Height 84" (2134 mm);
See Page 740W for Extensions
- Requires Mortise Cylinder and Series 30821J Mounting Pad for Keyed Entry. See Pages 740W-741W for Cylinders and Pads

2086 Concealed Vertical Rod Device – Top Bolt

- Top and Bottom Bolt Action – 1/2" (13 mm) Throw
- Standard Height 84" (2134 mm);
See Page 740W for Extensions
- Requires Mortise Cylinder and Series 30821J Mounting Pad for Keyed Entry. See Pages 740W-741W for Cylinders and Pads

2086I Impact Concealed Vertical Rod – Top Bolt

- Available for impact resistant applications under Miami-Dade County rules and regulations governing the use of construction materials when used with properly tested and approved doors. Simply add an "I" behind the model number.

Example: 312086'I'LC37628

2095 Rim Device

- Requires Rim Cylinder for Keyed Entry;
See Page 741W for Cylinders
- Cylinder Mounting Pad Not Required
- 3/4" (19 mm) Throw Deadlocking Latch

MATERIALS:

- Body and Push Pad: Extruded Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel
- Latch and Strikes: Sintered Steel



CRL Jackson Electrified Exit Devices and Accessories

- Remote Locking and Unlocking Capability
- Solenoid Operated Latch Retraction
- Fit Door Stiles as Narrow as 1-3/4" (44 mm)



CRL Jackson 20 Series Electrified Exit Devices

- For Aluminum or Hollow Metal Doors
- Ideal for Use With Card Access
- Fail-Secure Operation



ELECTRIFIED CONCEALED VERTICAL ROD DEVICES

TOP LATCH CAT. NO.	TOP BOLT CAT. NO.	HANDING	FINISH
312085ELG628	312086ELG628	Left Hand-Reverse Bevel	Satin Aluminum
312085ERG628	312086ERG628	Right Hand-Reverse Bevel	Satin Aluminum
312085ELG313	312086ELG313	Left Hand-Reverse Bevel	Dark Bronze
312085ERG313	312086ERG313	Right Hand-Reverse Bevel	Dark Bronze

Minimum Order: 1 each. Finishes and Styles can be combined for quantity pricing.

ELECTRIFIED RIM EXIT DEVICE

CAT. NO.	HANDING	FINISH
312095EC4628	Non-Handed	Satin Aluminum
312095EC4313	Non-Handed	Dark Bronze

Minimum Order: 1 each. Finishes and Styles can be combined for quantity pricing.

SPECIFICATIONS:

- Ships Standard for 48" (1219 mm) Wide Door – Field Sizeable
- For Use Down to 36" (914 mm) Wide Doors
- Wear Points Insulated by Nylon Sleeves and Rollers
- Adjusts for Brief or Extended Unlock Mode
- 24V DC Input
- Requires 10 Amp Inrush Power Supply; Jackson 302616 Power Supply Recommended

2085E and 2086E Concealed Vertical Rod Devices

- Positive Locking, Spring Loaded Top Latch
- Top and Bottom Bolt Action – 1/2" (13 mm) Throw
- Standard Height 84" (2134 mm)
- See Page 740W for Extensions
- Requires Mortise Cylinder and No. 30821J Mounting Pad for Keyed Entry. See Pages 740W - 741W for Cylinders and Pads

2095E Rim Device

- Requires Rim Cylinder for Keyed Entry
- See Page 741W for Cylinders
- Cylinder Mounting Pad Not Required
- 3/4" Throw Deadlocking Latch

MATERIALS:

- Body and Push Pad: Extruded Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel
- Latch and Strikes: Sintered Steel

CRL Jackson Electrified Outside Trim

- Designed for Use With Jackson Exit Devices
- Non-Handed – Field Reversible
- Fail-Secure Operation

FLAT LEVER CAT. NO.	ROUND LEVER CAT. NO.	FOR USE WITH MODEL	FINISH
8500EL02628	8500EL01628	1285 and 2085 CVR	Satin Aluminum
8500EL02313	8500EL01313	1285 and 2085 CVR	Dark Bronze
9500EL02628	9500EL01628	1295 and 2095 RIM	Satin Aluminum
9500EL02313	9500EL01313	1295 and 2095 RIM	Dark Bronze

Minimum Order: 1 each. Finishes and Styles can be combined for quantity pricing.

SPECIFICATIONS:

- Keyed Entry Requires use of CRL No. DRA10 Mortise Cylinder (Sold Separately See Page 741W)
- ANSI Function 08 – Key Locks or Unlocks Lever

Solenoid:

- Input: 24V DC
- Current Inrush Required: 0.25 Amps
- Continuous Holding: 0.30 Amps

MATERIALS:

- Escutcheon: Extruded Aluminum
- Lever: High Tensile Strength Aluminum
- Mechanical Components: Hardened, Plated Steel



CRL Jackson Power Supply

- Designed for Use With Jackson Electrified Exit Devices
- Powers Up to Two Devices
- Provides 10 Amp Inrush and 5 Amp Hold
- 24V DC Output



MAXIMUM WIRE LENGTH PER GAUGE CHART

WIRE GAUGE	MAX. LENGTH
16 AWG	40 ft. (12 m)
14 AWG	60 ft. (18 m)
12 AWG	100 ft. (31 m)

Do Not Exceed Maximum Length.



NOTE: Not for Outdoor Use

CAT. NO. 302616
Minimum order: 1 each.

CRL PANIC EXIT DEVICES

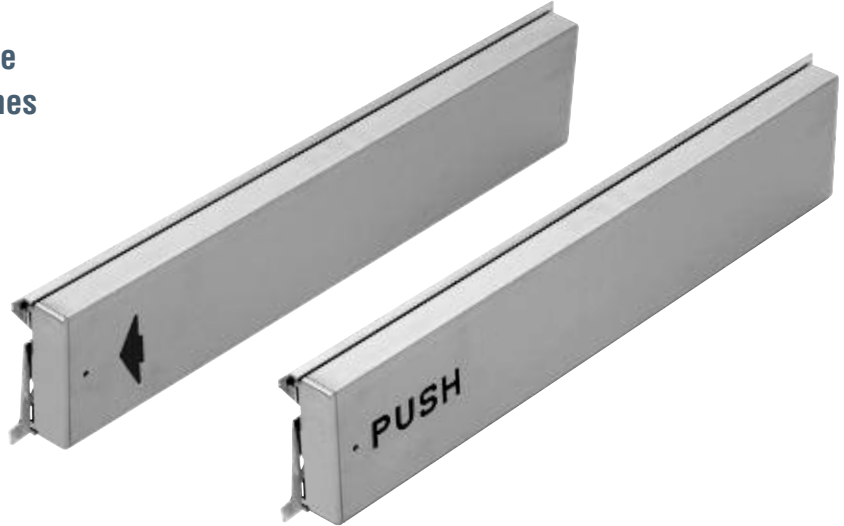
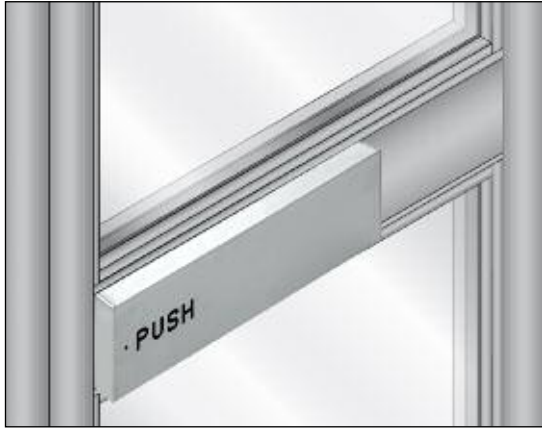
For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Jackson 3100 Series Mid-Panel Panic Exit Devices

- Suitable for Use With Narrow, Medium, and Wide Stile Doors
- Non-Protruding Push Pad
- Concealed Vertical Rods
- Top Latch and Top Bolt Models Available
- Satin Aluminum and Dark Bronze Finishes
- UL Listed



new



- Push Pad is Identified By an Engraved "Arrow" or "Push"

CRL Jackson® 3100 Series Mid-Panel Exit Devices are designed to provide maximum clearance while maintaining an aesthetically pleasing look. Developed in the Jackson® tradition of high quality and durability, these exit devices are suitable for use with narrow, medium, and wide stile aluminum doors. Devices are handed - not reversible, and provide "dual dogging" which allows the device to be dogged open by either the outside cylinder or by the standard hex key dogging feature.



3185 Series
Top Latch
Mid-Panel Panic



3186 Series
Top Bolt
Mid-Panel Panic

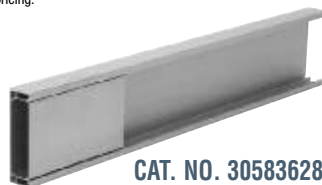


TOP LATCH CAT. NO.	TOP BOLT CAT. NO.	ENGRAVED	HANDING	FINISH
313185BL7628	313186L7628	Arrow	Left Handed-Reverse Bevel	Satin Aluminum
313185BR7628	313186R7628	Arrow	Right Handed-Reverse Bevel	Satin Aluminum
313185BL7313	313186L7313	Arrow	Left Handed-Reverse Bevel	Dark Bronze
313185BR7313	313186R7313	Arrow	Right Handed-Reverse Bevel	Dark Bronze
313185BPL7628	313186PL7628	Push	Left Handed-Reverse Bevel	Satin Aluminum
313185BPR7628	313186PR7628	Push	Right Handed-Reverse Bevel	Satin Aluminum
313185BPL7313	313186PL7313	Push	Left Handed-Reverse Bevel	Dark Bronze
313185BPR7313	313186PR7313	Push	Right Handed-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

Mid-Panel Installation Kit

Required for New Installations.
Contact CRL Technical Sales at
Extension 7520 for assistance.



CAT. NO. 30583628 - Satin Anodized
CAT. NO. 30583313 - Dark Bronze

SPECIFICATIONS:

- For Use With Minimum 1-3/4" (44.5 mm) Narrow, Medium, and Wide Stile Aluminum Doors.
- Concealed Easy to Use Hex Key Dogging or by Outside Cylinder
- Wear Points Insulated by Nylon Sleeves and Rollers
- Available With Either an Engraved "Arrow" or "Push"

3185 Concealed Vertical Rod Device - Top Latch

- Positive Locking, Spring Loaded Top Latch
- Requires Mortise Cylinder and No. 30821B Mounting Pad for Keyed Entry.

See Pages 740W-741W for Cylinders and Pads

3186 Concealed Vertical Rod Device - Top Bolt

- Top and Bottom Bolt Action - 1/2" (13 mm) Throw
- Standard Height 84" (2134 mm)
- See Page 740W for Extensions
- Requires Mortise Cylinder and No. 30821B Mounting Pad for Keyed Entry.

See Pages 740W-741W for Cylinders and Pads

MATERIALS:

- Body and Push Pad: Extruded Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel
- Latch and Strikes: Sintered Steel



C.R. LAURENCE COMPANY

crlaurence.com | usalum.com

738W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

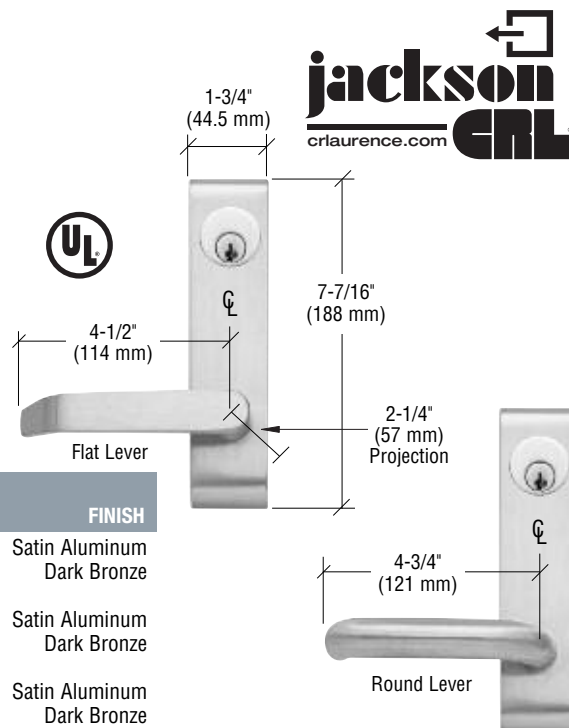
CRL Jackson Locking Lever Outside Trims

- Flat and Round Levers Available
- Designed for Use With CRL Jackson 1200 and 20 Series Panic Exit Devices
- Fits Narrow, Medium, and Wide Stile Aluminum, Wood or Hollow Metal Doors
- Non-Handed, Field Reversible

The CRL Jackson Locking Lever Outside Trim has a narrow 1-3/4" (44.5 mm) escutcheon that allows it to be used on narrow stile doors. The flat or round style levers are key-controlled, and requires the use of our Cat. No. DRA10 Series Keyed Mortise Cylinder (see page 787W), which locks or unlocks the levers (ANSI Function – 08).

FLAT LEVER CAT. NO.	ROUND LEVER CAT. NO.	FOR USE WITH	FINISH
7500LV02628	7500LV01628	Model 1275 Surface Vertical Rod Panic Device	Satin Aluminum
7500LV02313	7500LV01313	Model 1275 Surface Vertical Rod Panic Device	Dark Bronze
8500LV02628	8500LV01628	Models 1285 and 2085 Concealed Vertical Rod Panic Devices	Satin Aluminum
8500LV02313	8500LV01313	Models 1285 and 2085 Concealed Vertical Rod Panic Devices	Dark Bronze
9500LV02628	9500LV01628	Models 1295 and 2095 Rim Panic Devices	Satin Aluminum
9500LV02313	9500LV01313	Models 1295 and 2095 Rim Panic Devices	Dark Bronze

Minimum order: 1 each. All Lever Lock Trim can be combined for quantity pricing.



CRL Jackson 896 Removable Mullions

- For Use With CRL Jackson 1095, 1295, and 2095 Rim Panic Exit Devices
- Increased Security for Paired Doors

This extra heavy wall, cross-reinforced, extruded aluminum CRL Jackson Removable Mullion is designed to provide increased security when used with paired doors equipped with latch bolt type Rim Panic Exit Devices.

The 896 Mullion is supplied with a pair of installed strikes and stabilizers to prohibit deflection of the doors. Secure floor and header mounting brackets provide stability and easy removal of the Mullions for increased opening access. Standard height is 96" (2.44 m), and it can be field cut to fit. Optional 120" (3.05 m) height is also available on special order.

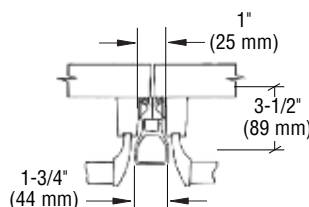
96" (2.44 M) REMOVABLE MULLIONS

CAT. NO.	FOR USE WITH	FINISH
3089610958628	Model 1095 Rim Panic Device	Satin Aluminum
3089610958313	Model 1095 Rim Panic Device	Dark Bronze
3089612958628	Model 1295 Rim Panic Device	Satin Aluminum
3089612958313	Model 1295 Rim Panic Device	Dark Bronze
3089620958628	Model 2095 Rim Panic Device	Satin Aluminum
3089620958313	Model 2095 Rim Panic Device	Dark Bronze

Minimum order: 1 each. All Mullions can be combined for quantity pricing.

MATERIALS:

Body: Extruded Aluminum
Stabilizer: Aluminum
Strike: Sintered Steel
Mounting Brackets: Bronze



ACCESSORIES FOR REMOVABLE MULLIONS

CAT. NO.	DESCRIPTION	FINISH
30702626	Top and Bottom Mounting Brackets	Satin Chrome
30702624	Top and Bottom Mounting Brackets	Dark Bronze
30737628	2-Piece Stabilizer for Single Door	Satin Aluminum
30737313	2-Piece Stabilizer for Single Door	Dark Bronze
30703628	4-Piece Stabilizer for Pairs of Doors	Satin Aluminum
30703313	4-Piece Stabilizer for Pairs of Doors	Dark Bronze

Minimum order: 1 each. All Accessories can be combined for quantity pricing.



Top and Bottom Mounting Brackets



2-Piece Stabilizer for Single Door

CRL Jackson Exit Device Accessories

CRL Top Rod Extenders

- For Doors Over 84" (2134 mm) Tall

CAT. NO.	USED WITH	LENGTH
301347	1085, 1285, 2085, 2086	12" (305 mm)
301348	1085, 1285, 2085, 2086	24" (609 mm)
301347A	2085E and 2086E	12" (305 mm)
301348A	2085E and 2086E	24" (609 mm)

Minimum order: 1 each.



CRL Top and Bottom Bolt

- Plated and Used With Concealed Vertical Rods



CAT. NO. 30763P
Minimum order: 1 each.



CRL Mortise Cylinder Mounting Pads

- Required When Using Mortise Cylinders



CAT. NO.	USED WITH	FINISH
30821J628	1085, 1285, 2085, 2086 Exit Devices	Aluminum
30821J313	1085, 1285, 2085, 2086 Exit Devices	Dark Bronze
30821J335	1085, 1285, 2085, 2086 Exit Devices	Black
30821B628	3185 and 3186 Exit Devices	Aluminum
30821B313	3185 and 3186 Exit Devices	Dark Bronze

Minimum order: 1 each.

CRL Top and Bottom Concealed Rod Strikes

- Required for Proper Device Function

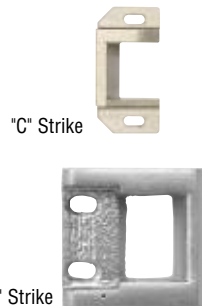


CAT. NO.	USED WITH	FINISH
301084628	1085, 1285, 2086, 3186 Exit Devices	Aluminum
301084624	1085, 1285, 2086, 3186 Exit Devices	Dark Bronze
301345628	2085 and 3185 Exit Devices	Aluminum
301345313	2085 and 3185 Exit Devices	Dark Bronze

Minimum order: 1 each.

CRL Rim Panic Strikes

- Surface Mounted

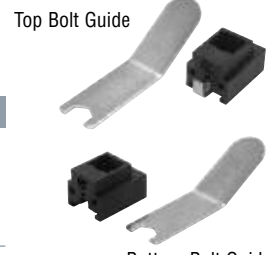


CAT. NO.	DESCRIPTION	FINISH
302436628	Standard "C" Strike	Aluminum
302501626	Optional "S" Strike	Aluminum
302501624	Optional "S" Strike	Dark Bronze

Minimum order: 1 each.

CRL Top and Bottom Concealed Bolt Guides

- Allows for Full Bolt Adjustment



CAT. NO.	DESCRIPTION	FINISH
30934628	Top Bolt Guide	Aluminum
30934624	Top Bolt Guide	Dark Bronze
30320628	Bottom Bolt Guide	Aluminum
30320624	Bottom Bolt Guide	Dark Bronze

Minimum order: 1 each.

CRL Top Bolt Trip Bracket

- Activates Bolt Release to Lock Door

CAT. NO.	FINISH
30824628	Aluminum
30824313	Dark Bronze
30824335	Black

Minimum order: 1 each.



CRL Concealed Rod Silencers

- Fits Over Rods to Dampen Rod Clatter
- Easy to Install



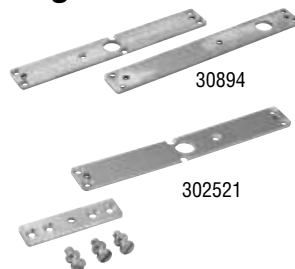
CAT. NO. 301552
Minimum order: 1 each.

CRL Wood Door Mounting Kits

- Allows Mounting of Rim Exit Hardware to Wood Doors

CAT. NO.	FITS RIM MODEL
30894	1095
302521	2095

Minimum order: 1 each.

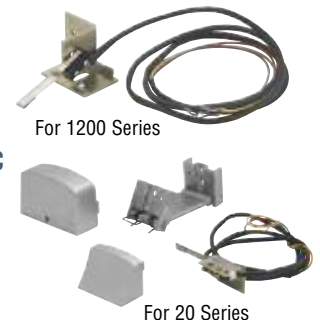


CRL Signal Switch Kit

- Sends Signal to Remote Monitoring Station
- Concealed Inside of Panic

CAT. NO.	FITS	FINISH
302861	1200 Series	---
302989628	20 Series	Aluminum
302989313	20 Series	Dark Bronze

Minimum order: 1 each.



CRL Single Mortise Key Cylinders

- 1" (25.4 mm) Length 5-Pin Cylinder; 1-5/32" (29.4 mm) Diameter
- AR MS - Type Cam
- Core Face and Keys US26D



The Single Mortise Key Cylinder comes with two keys in either Schlage "C" or Yale "8" keyway configurations. They are available keyed different or keyed alike in satin aluminum or dark bronze finishes. One per package. Zinc construction.

CAT. NO.	KEYWAY	KEYED	CYLINDER RING*	FINISH
DL2170SCKDA	Schlage "C"	Different	3/16" (4.8 mm)	Satin Aluminum
DL2170SCKAA	Schlage "C"	Alike	3/16" (4.8 mm)	Satin Aluminum
DL2170SCKDDU	Schlage "C"	Different	3/16" (4.8 mm)	Dark Bronze
DL2170SCKADU	Schlage "C"	Alike	3/16" (4.8 mm)	Dark Bronze
DL2170Y8KDA	Yale "8"	Different	3/16" (4.8 mm)	Satin Aluminum
DL2170Y8KAA	Yale "8"	Alike	3/16" (4.8 mm)	Satin Aluminum
DL2170Y8KDDU	Yale "8"	Different	3/16" (4.8 mm)	Dark Bronze
DL2170Y8KADU	Yale "8"	Alike	3/16" (4.8 mm)	Dark Bronze

Minimum order: 1 each. *Standard with cylinder. 5/32" and 7/32" rings can be ordered separately. All Mortise Key Cylinders can be combined for quantity pricing.

CRL Rim Key Cylinders

- Low Profile Cylinder Ring and Adapter Plate Standard
- Core Face and Keys US26D
- 5-Pin Cylinder



This Rim Key Cylinder comes with two keys in the Schlage "C" keyway configuration. 1-7/8" (47.6 mm) break-away screws and 1-1/4" (31.8 mm) break-away spindle standard. They are available keyed different or keyed alike in satin aluminum or dark bronze finishes. One per package.

CAT. NO.	KEYWAY	KEYED	CYLINDER RING*	FINISH
DL911SCKDA	Schlage "C"	Different	3/32" (2.4 mm)	Satin Aluminum
DL911SCKAA	Schlage "C"	Alike	3/32" (2.4 mm)	Satin Aluminum
DL911SCKDDU	Schlage "C"	Different	3/32" (2.4 mm)	Dark Bronze
DL911SCKADU	Schlage "C"	Alike	3/32" (2.4 mm)	Dark Bronze

Minimum order: 1 each. All Rim Key Cylinders can be combined for quantity pricing.

CRL DRA Series Mortise Key Cylinders

- Supplied With Longer Cam
- Brass Construction



This keyed DRA Series Mortise Key Cylinder is supplied with the longer DRA10CAM recommended for use with the CRL Jackson Locking Lever Outside Trim on page 739W. Brass construction.

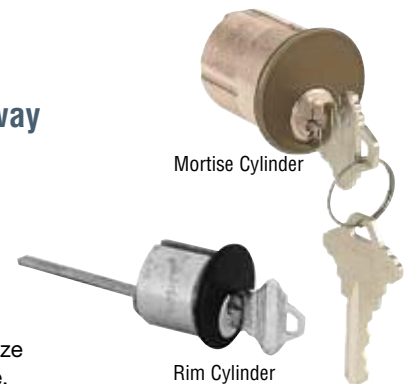
CAT. NO.	KEYWAY	KEYED	CYLINDER RING	FINISH
DRA10KDSA	Schlage "C"	Different	5/32" (4 mm)	Satin Aluminum
DRA10SA	Schlage "C"	Alike	5/32" (4 mm)	Satin Aluminum
DRA10KDDU	Schlage "C"	Different	5/32" (4 mm)	Dark Bronze
DRA10DU	Schlage "C"	Alike	5/32" (4 mm)	Dark Bronze

Minimum order: 1 each. All Mortise Key Cylinders can be combined for quantity pricing.

CRL DC Series Mortise and Rim Key Cylinders

- 5-Pin Cylinder
- Schlage "C" Keyway

These Mortise Key Cylinders and Rim Key Cylinders come with two keys in the Schlage "C" keyway configuration. They are available keyed different or keyed alike in satin chrome or dark bronze finishes. One per package.



CAT. NO.	KEYED	LENGTH - TYPE	FINISH
DC7185SCKDSC	Different	1-1/8" (29 mm) - Mortise	Satin Chrome
DC7185SCKASC	Alike	1-1/8" (29 mm) - Mortise	Satin Chrome
DC7185SCKDDU	Different	1-1/8" (29 mm) - Mortise	Dark Bronze
DC7185SCKADU	Alike	1-1/8" (29 mm) - Mortise	Dark Bronze
DC7205SCKDSC	Different	1-1/4" (32 mm) - Mortise	Satin Chrome
DC7205SCKASC	Alike	1-1/4" (32 mm) - Mortise	Satin Chrome
DC7205SCKDDU	Different	1-1/4" (32 mm) - Mortise	Dark Bronze
DC7205SCKADU	Alike	1-1/4" (32 mm) - Mortise	Dark Bronze
DC7015SC8KDSC	Different	1-3/4" Tailpiece - Rim	Satin Chrome
DC7015SC8KASC	Alike	1-3/4" Tailpiece - Rim	Satin Chrome
DC7015SC8KDDU	Different	1-3/4" Tailpiece - Rim	Dark Bronze
DC7015SC8KADU	Alike	1-3/4" Tailpiece - Rim	Dark Bronze

Minimum order: 1 each. All Mortise and Rim Key Cylinders can be combined for quantity pricing.

Von Duprin® 33A/35A Series Panic Exit Devices

- Designed for Doors 28" to 48" (711 to 1219 mm) Wide
- Fits Door Stiles as Narrow as 1-3/4" (44 mm)
- Available With Smooth or Grooved Housing
- Non-Handed
- UL Listed and Tested to ANSI A156.3, Grade 1
- "The Quiet One®" Technology Eliminates Most Noise Associated With Exit Devices

Von Duprin® designs and manufactures Exit Devices to the highest standards of quality and reliability in accordance with U.S. domestic and international standards. All 33A and 35A Series Exit Devices are UL Listed for Panic Exit Hardware, and are tested in accordance to ANSI A156.3, Grade 1 standards. The Quiet One® technology is furnished on all 33A and 35A Series Exit Devices. A fluid dampener decelerates the pushpad on its return stroke and eliminates most noise associated with exit device operations. For additional information, contact C.R. Laurence Technical Sales at (800) 421-6144, Ext. 7520. You can also visit our web site at crlaurence.com.

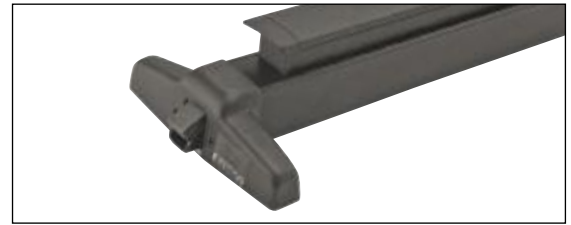


VON DUPRIN®

IR Security & Safety
Proven Source. Proven Solutions.™



33A Series features a grooved mechanism case



35A Series features a smooth mechanism case

Von Duprin® 33A/35A Series Rim Panic Exit Devices

new

- Non-Handed
- One Piece Center Case Cover

The Von Duprin® 33A/35A Series Rim Panic Exit Device is designed with a grooved or smooth case and is intended to fit door stiles as narrow as 1-3/4" (44 mm). The device is supplied with the standard 1439 Roller Strike and Hex Key Dogging.



#1439
Roller Strike

RIM PANIC EXIT DEVICES

33A GROOVED CAT. NO.	35A SMOOTH CAT. NO.	DEVICE LENGTH	FINISH
33AE03626	35AE03626	36" (914 mm)	Satin Chrome
33AE03313	35AE03313	36" (914 mm)	Dark Bronze
33AE04626	35AE04626	48" (1219 mm)	Satin Chrome
33AE04313	35AE04313	48" (1219 mm)	Dark Bronze

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

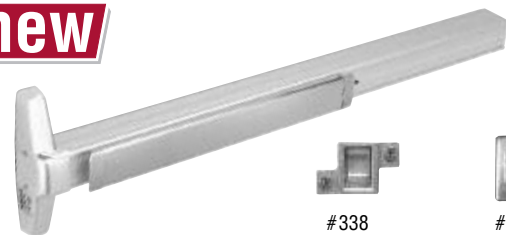
Von Duprin® 3347A/3547A Series Concealed Vertical Rod Panic Exit Devices

- Intended for Use With Single and Double Doors
- Deadlocking, Anti-Friction Top and Bottom Bolt With 5/8" (16 mm) Throw

The Von Duprin® 3347A/3547A Series Concealed Vertical Rod Panic Exit Device is designed to fit door stiles as narrow as 1-3/4" (44 mm). The device is supplied with deadlocking anti-friction top and bottom bolt with a 5/8" (16 mm) throw. The Top Rod is adjustable from 80" (2032 mm) to 100" (2540 mm). Bottom Rod is adjustable from 35-5/8" (905 mm) to 49-5/8" (1260 mm). Extension Rod Kits for doors taller than 100" (2540 mm) are available on special order.

Von Duprin and The Quiet One are registered trademarks of Ingersoll-Rand plc, its subsidiaries and/or affiliates in the United States and other countries.

new



#338
Top Strike

#385A
Bottom Strike

CONCEALED VERTICAL ROD PANIC EXIT DEVICES

3347A GROOVED CAT. NO.	3547A SMOOTH CAT. NO.	DEVICE LENGTH	FINISH
3347AE03626	3547AE03626	36" (914 mm)	Satin Chrome
3347AE03313	3547AE03313	36" (914 mm)	Dark Bronze
3347AE04626	3547AE04626	48" (1219 mm)	Satin Chrome
3347AE04313	3547AE04313	48" (1219 mm)	Dark Bronze

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

Von Duprin® 3327A/3527A Series Surface Mounted Vertical Rod Panic Exit Devices

new



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Proven Source. Proven Solutions.™

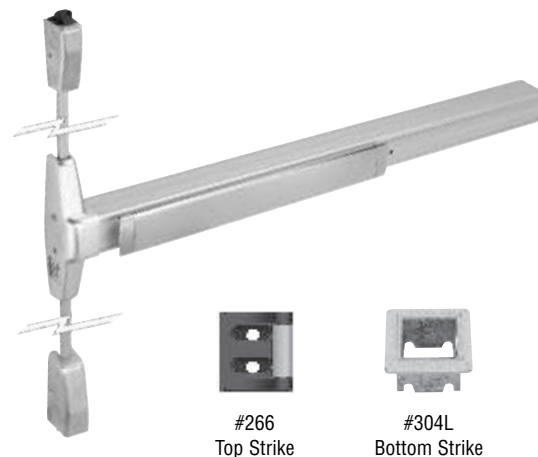
- Intended for Use With Single and Double Doors
- Deadlocking Anti-Friction Top and Bottom Bolt With 5/8" (16 mm) Throw

The Von Duprin® 3327A/3527A Series Surface Vertical Rod Panic Exit Device is designed to fit door stiles as narrow as 1-3/4" (44 mm). The device is supplied with deadlocking anti-friction top and bottom bolt with a 5/8" (16 mm) throw. Top Rod length is 34-15/16" (887 mm). Bottom Rod is 31-1/4" (794 mm). Extension rods for doors taller than 84" (2134 mm) are available on special order.

SURFACE MOUNTED VERTICAL ROD PANIC EXIT DEVICES

3327A GROOVED CAT. NO.	3527A SMOOTH CAT. NO.	DEVICE LENGTH	FINISH
3327AE03626	3527AE03626	36" (914 mm)	Satin Chrome
3327AE03313	3527AE03313	36" (914 mm)	Dark Bronze
3327AE04626	3527AE04626	48" (1219 mm)	Satin Chrome
3327AE04313	3527AE04313	48" (1219 mm)	Dark Bronze

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



#266
Top Strike



#304L
Bottom Strike

Von Duprin® 33A/35A Series Outside Trim Accessories

new

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Proven Source. Proven Solutions.™

- For Use With Rim, Concealed Vertical Rod, and Surface Vertical Rod 33A/35A Panic Exit Devices
- Non-Handed, Field Reversible



360L

ANSI Function 08 or 09 – Field Selectable
Requires Optional 1-1/4" Mortise Cylinder



360T

ANSI Function 11 or 12 – Field Selectable
Requires Optional 1-1/4" Mortise Cylinder



388NL

ANSI Function 03 – Night Latch
Requires Optional Rim Cylinder and Pull

CAT. NO.	DESCRIPTION	FINISH
360L626	ANSI 08 or 09 Entry – Key Locks/Unlocks Lever	Aluminum
360L613	ANSI 08 or 09 Entry – Key Locks/Unlocks Lever	Dark Bronze
360T626	ANSI 11 or 12 Key Locks/Unlocks Thumbturn	Aluminum
360T613	ANSI 11 or 12 Key Locks/Unlocks Thumbturn	Dark Bronze
388NL626	ANSI 03 Night Latch – Key Retracts Latch	Aluminum
388NL613	ANSI 03 Night Latch – Key Retracts Latch	Dark Bronze
DC7205SCKDSC	1-1/4" Mortise Cylinder – Keyed Different	Satin Chrome
DC7205SCKDDU	1-1/4" Mortise Cylinder – Keyed Different	Dark Bronze
DC7015SC8KDSC	Rim Cylinder – Keyed Different	Satin Chrome
DC7015SC8KDDU	Rim Cylinder – Keyed Different	Dark Bronze

Minimum order: 1 each. Finishes and styles can be combined for quantity pricing.



Mortise Cylinder



Rim Cylinder

Von Duprin is a registered trademark of Ingersoll-Rand plc, its subsidiaries and/or affiliates in the United States and other countries.

CRL Adams Rite® 8000 Series Panic Exit Devices

- Clean, Unobtrusive Design Fits Door Stiles as Narrow as 2" (51 mm)
- Available for Doors 30" to 48" (762 to 1219 mm) Wide
- UL Listed and Tested to ANSI A156.3, Grade 1
- Easy to Install

new

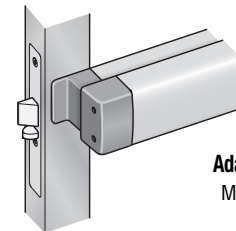


These Adams Rite Panic Exit Devices combine strength, looks and performance with the slim, clean lines of an extruded aluminum pushbar, giving designers and specifiers flexibility in application, while maintaining consistency in appearance. All Adams Rite Panic Exit Devices are UL listed for Panic Exit hardware, and are tested in accordance to ANSI A156.3, Grade 1 standards. For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7520. You can also visit our web site at crlaurence.com.

CRL Adams Rite® 8400 Series Mortise Panic Exit Devices

- Heavy-Duty Deadlatching Top Latch
- Designed to Fit Standard Cutout for Adams Rite MS® Deadbolt Used on Aluminum Framed Glass Doors

The Adams Rite 8400 Series Stile Mortise Panic Exit Device is intended for use with aluminum storefront doors and fits the standard 1-1/8" (28.6 mm) Backset MS® Deadbolt cutout when used with standard 1-3/4" (44 mm) thick doors. The Panic Exit Device is supplied with standard Hex Key dogging.



Adams Rite 8400
Mortise Device
(Handed)

8400 MORTISE PANIC EXIT DEVICES

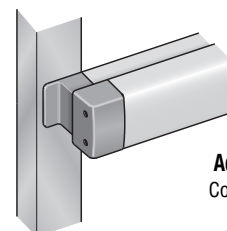
LEFT HAND (LHRB) CAT. NO.	RIGHT HAND (RHRB) CAT. NO.	DEVICE LENGTH	FINISH
DH84111L036	DH84111R036	36" (914 mm)	Clear Anodized
DH84122L036	DH84122R036	36" (914 mm)	Dark Bronze Anodized
DH84111L042	DH84111R042	42" (1067 mm)	Clear Anodized
DH84122L042	DH84122R042	42" (1067 mm)	Dark Bronze Anodized
DH84111L048	DH84111R048	48" (1219 mm)	Clear Anodized
DH84122L048	DH84122R048	48" (1219 mm)	Dark Bronze Anodized

Minimum order: 1 each. Includes: Panic Device and Strike. Cylinder not included. Sizes and finishes can be combined for quantity pricing.

CRL Adams Rite® 8600 Series Concealed Vertical Rod Panic Exit Devices

- Top and Bottom Adjustable Steel Rods
- Patented Top Latching Mechanism Interlocks Door to Frame

The CRL Adams Rite 8600 Series Concealed Vertical Rod Panic Exit Device is designed to fit door stiles as narrow as 2" (51 mm). The device is supplied with the patented top latching mechanism that utilizes a rotating top bolt which deadlatches around the header strike, interlocking the door to the frame. The top rod is adjustable for use with doors up to 66" (1676 mm) above the selected bar height. Extension Rods for taller doors are available on special order.



Adams Rite 8600
Concealed Vertical
Rod Device
(Non-Handed)

8600 CONCEALED VERTICAL ROD PANIC EXIT DEVICES

CAT. NO.	DEVICE LENGTH	FINISH
DH8601136	36" (914 mm)	Clear Anodized
DH8602236	36" (914 mm)	Dark Bronze Anodized
DH8601142	42" (1067 mm)	Clear Anodized
DH8602242	42" (1067 mm)	Dark Bronze Anodized
DH8601148	48" (1219 mm)	Clear Anodized
DH8602248	48" (1219 mm)	Dark Bronze Anodized

Minimum order: 1 each. Includes: Panic Device, Rods, and Strike. Mortise Cylinder and Cylinder Pad not included. Sizes and finishes can be combined for quantity pricing.

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.

CRL PANIC EXIT DEVICES

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CRL Adams Rite® 8800 Series Rim Panic Exit Devices

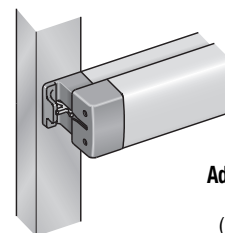
• Patented "Starwheel" Bolt Interlocks Door to Frame

The Adams Rite 8800 Series Rim Panic Exit Device features a patented "Starwheel" Bolt Latch design that provides a high level of security. The interlocking noseguard and starwheel bolt close around the strike, locking the starwheel bolt to the strike. The Panic Exit Device is supplied with standard Hex Key dogging.

new



ASSA ABLOY



Adams Rite 8800
Rim Device
(Non-Handed)

8800 RIM PANIC EXIT DEVICES

CAT. NO.	DEVICE LENGTH	FINISH
DH8801136	36" (914 mm)	Clear Anodized
DH8802236	36" (914 mm)	Dark Bronze Anodized
DH8801142	42" (1067 mm)	Clear Anodized
DH8802242	42" (1067 mm)	Dark Bronze Anodized
DH8801148	48" (1219 mm)	Clear Anodized
DH8802248	48" (1219 mm)	Dark Bronze Anodized

Minimum order: 1 each. Includes: Panic Device and Strike Rim Cylinder. Not Included: Pairs of Doors require removable mullion (DH886).

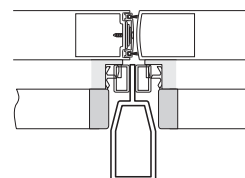
CRL Adams Rite® 3890 Removable Mullion

- For Rim Panic Exit Devices on Paired Doors
- Available in Two Finishes and Two Lengths

The Adams Rite 3890 Removable Mullion allows the use of Rim Panic Exit Devices on paired doors without narrowing the doors. Provides higher security and better traffic flow than paired doors with Vertical Rod Panic Exit Devices. Available in clear anodized and dark bronze anodized.



ASSA ABLOY



Includes: Mullion, strikes, stabilizers, and mounting clips.

REMOVABLE MULLION

CAT. NO.	DEVICE LENGTH	FINISH
DH8861196	96" (2438 mm)	Clear Anodized
DH8862296	96" (2438 mm)	Dark Bronze Anodized
DH88611120	120" (3048 mm)	Clear Anodized
DH88622120	120" (3048 mm)	Dark Bronze Anodized

Minimum order: 1 each.

CRL Adams Rite® 3080 Series Outside Trim

- Heavy-Duty Clutch Protects the Locked Lever if Forced Either Up or Down
- Solid Construction
- Non-Handed

This Adams Rite 3080 Series Outside Trim is durable, vandal resistant, and easy to install.

NOTE: Requires Optional 5 Pin Mortise Cylinder with MS® Cam. Sold separately, see page 787W.

CAT. NO.	DESCRIPTION	FINISH
DH308103U630	ANSI 08 – Key Locks/Unlocks Lever	Aluminum
DH308103U613	ANSI 08 – Key Locks/Unlocks Lever	Dark Bronze

Minimum Order: 1 each. Finishes and styles can be combined for quantity pricing.



ASSA ABLOY



Clutch Lever

CRL Mid-Panels

- Designed to be Glazed Into Our Aluminum Framed Doors
- Decorative Logos on Exterior for a Completely Custom Look
- Available in Clear and Champagne Finishes
- Fits Up to 48" (1219 mm) Door Widths

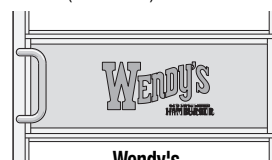
CRL Mid-Panels are available in a variety of designs, sizes, and finishes to suit the requirements of aluminum framed doors. Consult with U.S. Aluminum Technical Sales at (800) 262-5151, Ext. 5305 for more information.



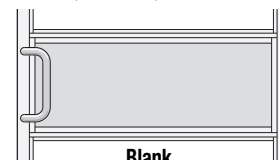
McDonald's
For 36" (914 mm) and
42" (1067 mm) Door Widths



Burger King
For 36" (914 mm) and
42" (1067 mm) Door Widths



Wendy's
For 36" (914 mm) Door Width



Blank
Up to 48" (1219 mm) Door Width;
Specify Size

CRL DL750SV Surface Vertical Rod Panic Exit Device

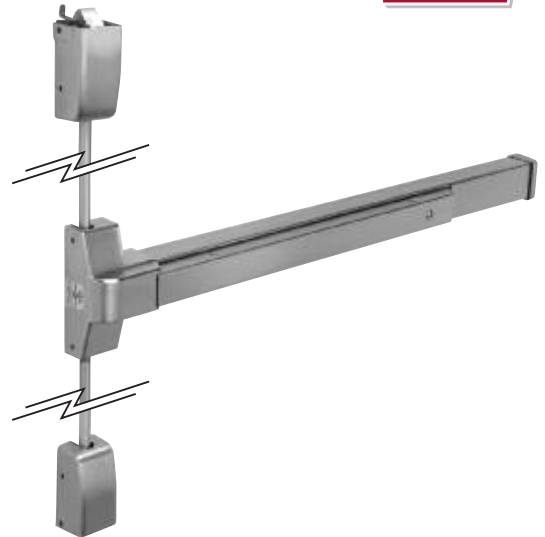
new

- For 30" to 36" (762 to 914 mm) Wide Doors
- Door Heights Up to 84" (2134 mm)
- Non-Handed

Our Push-Pad Surface Vertical Rod Panic Exit Device is intended for use with 1-3/4" thick wood or metal doors. Minimum required door stile width is 4-1/4" (108 mm). Panic base can be field sized to fit doors 30" (762 mm) to 36" (914 mm) wide and up to 84" (2134 mm) tall. Panic is field reversible and features an easy to use 3/16" Allen type dogging system. Active Lever Trim is available, see below or install with an optional rim cylinder only. See page 741W for rim cylinder selection.

CAT. NO.	TYPE	FINISH
DL750SV37A	Push-Pad Surface Vertical Rod	Aluminum
DL750SV37DU	Push-Pad Surface Vertical Rod	Dark Bronze
DL750SV37SS	Push-Pad Surface Vertical Rod	Stainless Steel

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL DL770FSV Surface Vertical Rod Fire Panic Exit Device

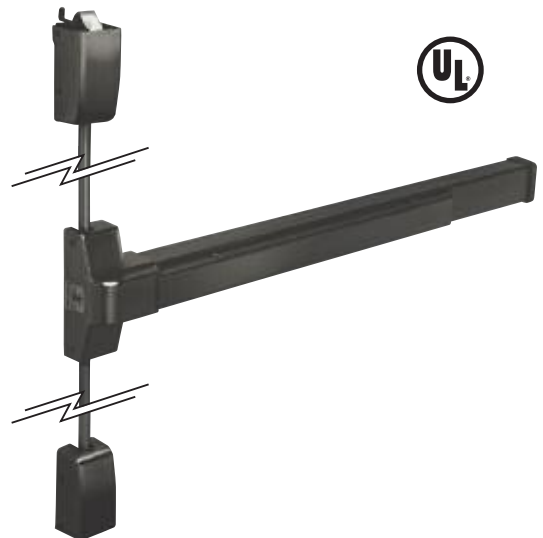
new

- For Use With 30" to 36" (762 to 914 mm) Wide Doors Up to 84" (2134 mm) Tall
- Two Finishes Available
- 3 Hour Fire Rated
- Non-Handed
- UL Listed

Our Push-Pad Surface Vertical Rod Fire Panic Exit Device is intended for use with 1-3/4" thick wood or metal doors. This device has a 3 hour fire rating and is UL listed. Minimum required door stile width is 4-1/4" (108 mm). Panic base can be field sized to fit doors 30" (762 mm) to 36" (914 mm) wide and up to 84" (2134 mm) tall. Panic is field reversible. Active Lever Trim is available, see below or install with an optional rim cylinder only. See page 741W for rim cylinder selection.

CAT. NO.	TYPE	FINISH
DL770FSV37A	Push-Pad Surface Vertical Rod	Aluminum
DL770FSV37DU	Push-Pad Surface Vertical Rod	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Panic Exit Device Trim Accessories

- Available as Keyed Entry or Non-Keyed Passage

Our Panic Exit Device Trim is available as keyed locking lever entry trim or as non-keyed passage trim. Finishes available are satin chrome, dark bronze, and aluminum. **NOTE:** Keyed trim accessories require an optional mortise cylinder. See page 741W for CRL Mortise Cylinder selection.

CAT. NO.	KEYED LOCK	TYPE	FINISH
DL51ESCSC	Yes	Escutcheon Entry Lever Trim	Satin Chrome
DL51ESCDU	Yes	Escutcheon Entry Lever Trim	Dark Bronze
DL51ESCPASC	No	Escutcheon Passage Entry Lever Trim	Satin Chrome
DL51ESCPADU	No	Escutcheon Passage Entry Lever Trim	Dark Bronze
DL51HSNLA	Yes	Handle Set Night Latch Trim	Aluminum
DL51HSDUMA	No	Handle Set Dummy Trim	Aluminum

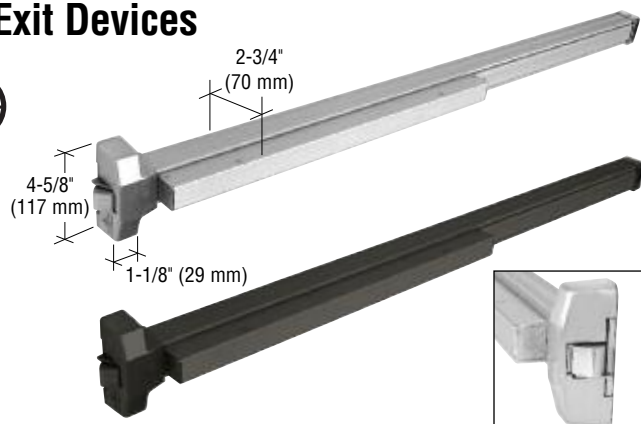
Minimum order: 1 each. Finishes and styles can be combined for quantity pricing.

new



CRL 1900 Narrow Stile Push-Pad Rim Panic Exit Devices

- For Use With 1-3/4" Narrow, Medium, and Wide Stile Aluminum Doors, Wood or Hollow Metal Doors
- Concealed Fastening for Added Security
- Non-Handed and Reversible
- UL Listed



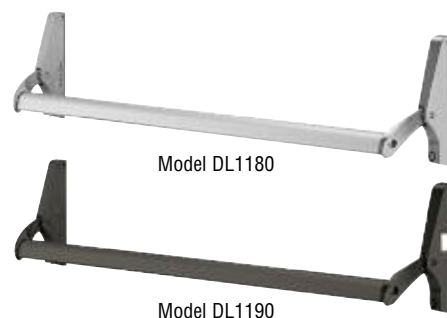
These CRL 1900 Series Narrow Stile Panic Exit Devices are designed for 1-3/4" (44.5 mm) narrow stile aluminum doors, but can also be used with medium and wide stile aluminum, wood or hollow metal doors. The base is field sizeable, and fits doors 30" to 44" (762 to 1118 mm) wide and 1-3/4" (44.5 mm) thick. Ruggedly constructed with 3/4" (19 mm) throw cast brass latch bolt. Surface mounted adjustable roller strike included. This device is non-handed and is easy to install. For keyed entry, an optional Cat. No. DL911SC Series, or other brand, Rim Cylinder is required (see page 741W).

CAT. NO.	TYPE	FINISH
1900A	Push-Pad Rim	Satin Aluminum
1900BRZ	Push-Pad Rim	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

CRL Cross Bar Panic Exit Devices

- Available as Concealed Vertical Rod and Rim Panic Exit Devices
- For Use With Narrow, Medium, and Wide Stile Aluminum Doors or Hollow Metal Doors
- Two Standard Architectural Finishes



CRL's DL1100 Series Cross Bar Panic Exit Devices combine simplicity and durability. This device is a proven product for providing an economical solution to satisfy both security and life safety requirements. Available in both Rim and Concealed Vertical Rod versions, this Exit Device comes with a 42" (1.07 m) length cross bar that can be field cut to fit your exact door size requirements.

CAT. NO.	TYPE	FINISH
DL1180A	Concealed Vertical Rod	Satin Aluminum
DL1180DU	Concealed Vertical Rod	Dark Bronze
DL1190LHRA	Left Hand-Reverse Bevel Rim	Satin Aluminum
DL1190LHRDU	Left Hand-Reverse Bevel Rim	Dark Bronze
DL1190RHRA	Right Hand-Reverse Bevel Rim	Satin Aluminum
DL1190RHRDU	Right Hand-Reverse Bevel Rim	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

STANDARD FEATURES:

DL1180 Series Concealed Vertical Rod Panics

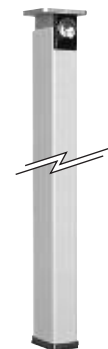
- Non-Handed
- For Use With Standard 1-3/4" (44.5 mm) Thick Doors
- Rod Length to Fit Standard 84" (2134 mm) Tall Doors
- Independent Top and Bottom Bolt Action – 1/2" (12.7 mm) Bolt Throw
- Keyed Entry Requires CRL Cat. No. DL913 Cylinder Mounting Pad When Using Optional CRL DL2170 Series, or other brand, Mortise Cylinders (see page 741W)

DL1190 Series Rim Panics

- Handed, Non-Reversible
- For Use With Aluminum or Hollow Metal Doors
- Standard Surface Mounted Roller Type Rim Strike Supplied
- Keyed Entry Requires Optional CRL DL911SC Series, or other brand, Rim Cylinder (No Mounting Pad Required)

CRL Key Removable Mullion

- For Use on Standard and Fire-Rated Pairs of Doors
- Small Profile Base to Prevent Interference of Doorway
- 11 Gauge, 2" x 3" (51 x 76 mm) Primer Gray Steel Tube



The CRL Key Removable Mullion can be removed in seconds with one key turn, and easily snaps back into place without needing the key. The installation is easy (no drilling of the mullion tube), and can be adapted to any double door application. You can cut to fit almost any size application 8 feet (2.14 m) and smaller. The CRL Key Removable Mullion is designed for heavy-duty use on rim panic exit devices on standard and fire rated pairs of doors. The Mullion comes with a small profile base plate to prevent interference when moving objects through doorways. Hardware includes shims to ensure an accurate fit and base anchors. Rim Cylinder sold separately Cat. No. DL911SCKDA. Minimum order is one each.

CAT. NO. F90KR

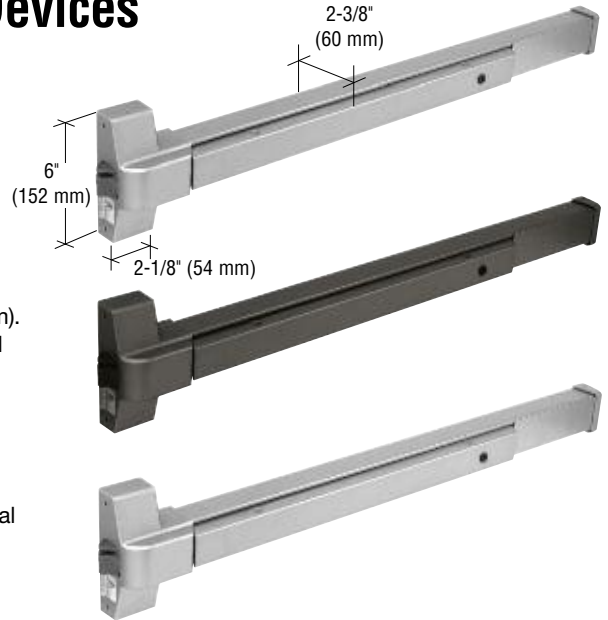
CRL DL950 Push-Pad Rim Panic Exit Devices

- For Use With Medium and Wide Stile Aluminum Doors
- Painted Carbon Steel and Satin Stainless Steel Finishes Available
- Minimum Force Releases Locking Mechanism

Our Push-Pad Rim Panic Exit Devices can be used on either single doors, or double doors with a mullion. Minimum required door stile width is 4-1/4" (108 mm). For your convenience, these Devices come fabricated to 34-7/8" (886 mm) overall length, ready to install on 36" (914 mm) wide doors without any modification, and may be cut down to fit doors as narrow as 30" (762 mm). A dogging feature defeats locking action during business hours. A Blade Strike is included with each Panic Exit Device.

Our Cat. No. DL950SS Satin Stainless Steel Panic Exit Device offers a more durable and attractive architectural finish, but as with the other finishes, the internal components should not be exposed to moisture or a corrosive environment.

For keyed entry, an optional Cat. No. DL911SC Series, or other brand, Rim Cylinder is required (see page 741W).



DL950 RIM PANIC EXIT DEVICE AND ACCESSORIES

CAT. NO.	TYPE	FINISH
DL950A	Push-Pad Rim	Satin Aluminum
DL950DU	Push-Pad Rim	Dark Bronze
DL950SS	Push-Pad Rim	Satin Stainless Steel
DL95STR1KE	Blade Strike	Black
DL9DKEY	Dogging Key	---
DL51LKAA	Locking Lever Trim - Keyed Alike	Aluminum
DL51LKADU	Locking Lever Trim - Keyed Alike	Dark Bronze
DL51LKDA	Locking Lever Trim - Keyed Different	Aluminum
DL51LKDDU	Locking Lever Trim - Keyed Different	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.



DL95STR1KE
Blade Strike



DL9DKEY
7/32" Dogging Key

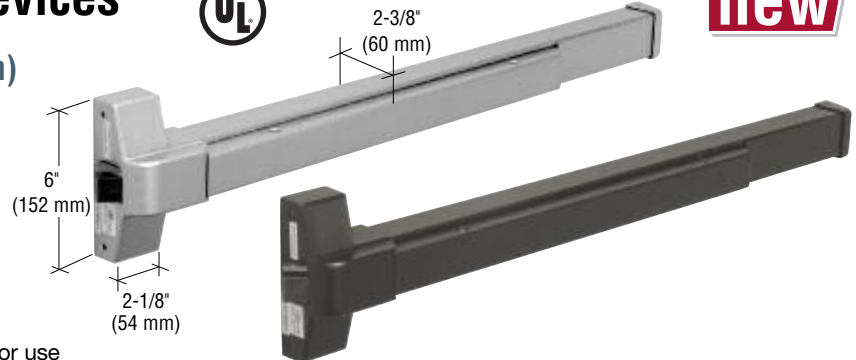


DL51LKDA
Locking Lever Trim

CRL Rim Fire Panic Exit Devices

- For Use With 30" to 36" (762 to 914 mm) Wide Wood or Metal Doors
- Three Hour Fire Rated
- Two Finishes Available
- Non-Handed
- UL Listed

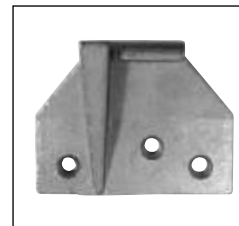
Our Push-Pad Rim Fire Panic Exit Device is intended for use with 1-3/4" thick wood or metal doors. This device has a three hour fire rating and is UL listed. Minimum required door stile width is 4-1/4" (108 mm). Panic base can be field sized to fit doors 30" (762 mm) to 36" (914 mm). Panic is field reversible. Active Lever Trim is available, see page 746W, or install with an optional rim cylinder only. See page 741W for DL911SC Rim Cylinder.



new

CAT. NO.	TYPE	FINISH
DL970FA	Push-Pad Rim Fire	Aluminum
DL970FDU	Push-Pad Rim Fire	Dark Bronze

Minimum order: 1 each.



DDS
Double Door
Strike



DL95STR1KE
Standard
Strike

CRL PANIC EXIT DEVICES

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CRL DETEX® V40 Alarmed Rim Panic Exit Devices

- Grade 1, UL Listed Panic Exit Devices
- Provides Reliable Loss Prevention 24 Hours a Day
- State of the Art Electronics
- Meets ADA Requirements
- Available in 36" and 48" (914 and 1219 mm) Lengths

These CRL DETEX® V40 Alarmed Rim Panic Exit Devices announce door activation with a 100db alarm, helping to control unauthorized exit, and resulting in reduced employee and customer theft.

The V40 is non-handed and is intended for use on doors with a minimum stile of 2-1/2" (64 mm) and a thickness of 1-3/4" (44 mm) to 2-1/4" (57 mm).

The V40 EB Series is designed for climate protected primary and secondary exits, providing security while meeting all life safety concerns. The EB Package contains switch monitors, a push pad, green and red LED, cylinder arming, 9 volt battery, Piezo horn, prep for cylinder dogging, door strike, and push pad signage.

The V40 EBW Series is designed for doors and gates requiring a stand alone, battery powered, alarmed, weatherized panic device. The internal alarm has both remote bypass and remote signaling capabilities. Package includes everything listed for the V40 EB package, plus remote signaling and remote bypass.

Note: Device is supplied with prep for a mortise cylinder that functions as both cylinder dogging and arming key. Cylinder is not included with exit device. Requires optional 1-1/8" mortise cylinder with Yale type cam. See CRL Cat. No. DC7185SC Series on page 741W.

CAT. NO.	TYPE	LENGTH
V40EB36	Climate Protected (Indoor)	36" (914 mm)
V40EB48	Climate Protected (Indoor)	48" (1219 mm)
V40EBW36	Weatherized (Indoor/Outdoor)	36" (914 mm)
V40EBW48	Weatherized (Indoor/Outdoor)	48" (1219 mm)

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.
DETEX® is a registered trademark of Detex Corporation.

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DETEX®
Life Safety and Security Door Hardware



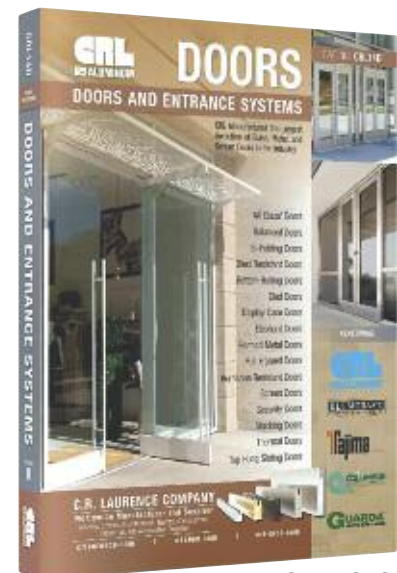
Door Strike

CRL Doors and Entrance Systems Catalog

- 'All Glass' Pivot Doors
- Framed Pivot Doors
- Sliding Doors
- Screen Doors
- Handles and Door Closers

Our CRL14D Doors Catalog features the largest line of 'All Glass' and Framed Pivot Doors, 'All Glass' and Framed Sliding Doors, and Screen Door Systems. We've expanded our selection of architectural metal and glass hardware for the construction of entrances in commercial, retail, and residential buildings. There are over 400 pages of color photos of finished projects, as well as helpful technical data. The CRL14D Doors Catalog is your complete directory to our performance driven entrance systems. Ask for your free copy today or view and download at crlaurence.com.

new



CAT. NO. CRL14D

CRL PANIC EXIT DEVICES

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CRL DETEX® Battery Alarmed Exit Control Lock With Short Bar

- UL Listed Panic Hardware
- Meets ADA Requirements
- Single Point, 1" (25 mm) Throw Deadbolt
- Non-Handed
- Corrosion Resistant Alloy Construction
- 100db Alarm Powered By a 9 Volt Battery

The CRL DETEX® ECL230D Exit Control Lock with Short Bar is a code compliant, battery alarmed, rugged dead bolt panic device with a steel plate and photo-luminescent sign providing managed security and a 100 decibel alarm for secondary exits. The alarm is powered by a 9 volt battery which is included in the package. The attack resistant design withstands over 2200 pounds (998 kg) of outside pull force, and the dead bolt is saw resistant.

This non-handed lock accepts 5-pin through 7-pin standard and interchangeable core rim cylinders. Locking and unlocking the dead bolt always arms and disarms the alarm, but resetting the alarm can only be accomplished with a control key. Cylinder and bar guard sold separately. **NOTE:** Optional Cylinders available Cat. No. RC65KD for keyed different or Cat. No. RC65KA

for keyed alike requirements. Durable steel plate with photo-luminescent sign absorbs light to later "glow in the dark" when lights are dimmed.

This easy to install, durable and reliable alarm device provides a simple operation that everyone understands. Fits standard door thicknesses 1-3/4" to 2-1/4" (44 to 57 mm). Device measures 10-3/8" (263 mm) tall, 5-3/4" (146 mm) wide, and 3-3/4" (95 mm) deep, and comes equipped with a 12-7/8" (327 mm) bar.

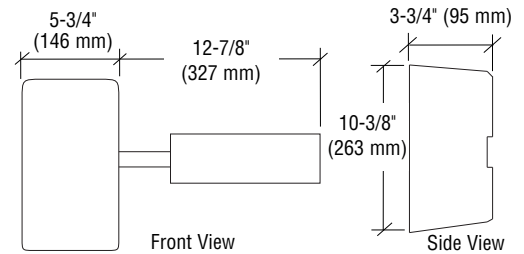
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Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware



ECL230D-Short Bar
(Cylinder and bar guard sold separately)



CAT. NO.	DESCRIPTION
ECL230D	Exit Control Lock
RC65KD	Key Cylinder Keyed Different
RC65KA	Key Cylinder Keyed Alike
ECL436K	Bar Guard

Minimum order: 1 each.

CRL DETEX® Battery Powered Surface Mount Exit Alarm

- UL Listed Fire Door Accessory
- Can Be Door or Wall Mounted
- Tapered Cover Allows for Installation on 2" (51 mm) Minimum Narrow Stile Doors
- 9V DC Battery Operated With Low Battery Alert

The CRL DETEX® EAX500 Battery Powered Surface Mount Exit Alarm is designed for applications requiring an alarmed exit device on secured doors. The alarm, with approximately 100db, will sound when an unauthorized exit occurs.

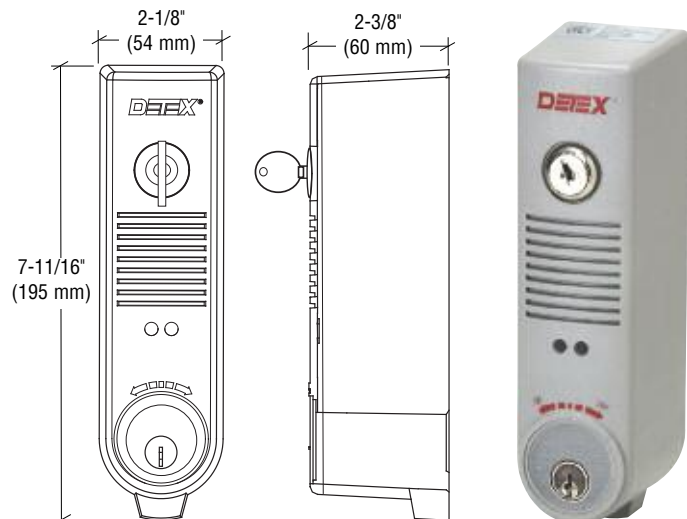
The redesigned shape and smaller size of the EAX500 make it the ideal choice for quick and easy installations on emergency exit and restricted doors. Alarm can only be silenced by proper control key. The standard extended bypass feature allows alarm to remain bypassed when door is open, and to automatically re-arm upon door closing. The EAX500 intelligent circuit senses the external magnet location automatically and sets the correct door handing. The patented plastic template allows for foolproof alignment of internal magnetic door contact and accurate installation. **NOTE:** Keyed Cylinder is not supplied with the alarm and must be purchased separately. Requires optional 1-1/8" mortise cylinder with Yale or MS type cam (see CRL Cat. No. DC7185SCKASC page 741W). Longer Cylinders may be used but will require the use of a Cylinder Collar. Minimum order is one each.

DETEX® is a registered trademark of Detex Corporation.

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DETEX®
Life Safety and Security Door Hardware



CAT. NO. EAX500



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CRL-Blumcraft Access Control Handles



- Access Control Handles With a Large Selection of Exterior Fixed Pulls for Medium and Wide Stile Doors
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order

CRL-Blumcraft manufactures a complete line of Access Control Handles for all your door needs. We have Panic Devices, Deadbolt Handles, and Electronic Egress Control Handles in a wide variety of configurations. We can also supply you with Dummy Handles to match these devices, allowing you to maintain the same appearance throughout the project, but without the added costs. Visit crl-arch.com for more information.



Designer Series

PATENT PENDING

new



- Sharp Lines and Angles With a Smooth Round Gripping Surface
- Crisp Transitions at All Corners
- Available in Alloy 316 Brushed or Polished Stainless Steel



Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. **NOTE:** All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

CRL-Blumcraft PA100 and PA110 Series Panic Handles

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- UL, ULC, and ANSI/BHMA Certified
- For 1/2" or 3/4" (12 or 19 mm)
Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles

CRL-Blumcraft manufactures a complete line of Panic Handles designed with the 'all-glass' door in mind. These elegant tubular devices give you maximum viewing area and a contemporary look when used on 1/2" or 3/4" (12 or 19 mm) tempered glass doors.

The most popular of these Panics is our PA100 Series. They provide a solution to the strict Americans With Disabilities Act (A.D.A.) Codes that confront every manufacturer and installer of 'all-glass' doors.

The interior portion of the device is a slender 1-1/4" (32 mm) tube stretching across the door and then gently turning upwards to the top of the door, eliminating any interference at the lower half of the door, which must remain clear of obstructions to pass A.D.A. demands.

The operating mechanism is completely concealed within the tube, and retracts a roller latch bolt at the top of the door when pushed gently. Complementing the sleek interior look, we offer a large selection of exterior pull handles that can be as simple as a horizontal handle (Model PA100A) to one that mirrors the interior device (Model PA100D).

All PA100 Series Panic Handles come with a 'dogging' feature that allows you to lock the device in the open position by simply sliding a lever, giving free access during business hours. They also can be used in conjunction with an Electric Strike, allowing for remote keyless entry. For your convenience, Custom Headers are available with all strike hardware installed.

- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks



When A.D.A. Codes are not a concern, we also offer our PA110 Series Panic Handles. These Panics are of the same sleek design as the PA100 Series, except they stretch across the door and then bend downward to the bottom of the door, latching at the floor or threshold.

They operate just like the PA100 Series Panics, and have the same 'dogging' feature. Strikes are available for either threshold or no threshold applications providing secure, accurate latching every time.

All of our PA100 and PA110 Panic Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable Panic will serve your customer for years to come.

Most importantly, they are all UL305, ULC-S132-07, and ANSI/BHMA A156.3-2008, Grade 1 Certified. No other Panic of this type can make this claim, and that puts CRL-Blumcraft Panic Handles a step ahead of all the rest.

For more information on our PA100 and PA110 Series Panic Handles, contact CRL Technical Sales, or visit our web site at crlaurence.com.

- Models for Aluminum or Wood
Doors Available on Special Order



Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.



C.R. LAURENCE COMPANY

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CRL-Blumcraft PA100 Series Panic Handle Details

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.



Glass Mount Detail at Latch



Rail Mount Detail at Latch



Keyed Access



Glass Mount Detail at Latch With Header and PK Strike



Rail Mount Detail at Latch with Header and ESK Strike



Retainer Plate

CRL-Blumcraft PA110 Series Panic Handle Details



Glass Mount Detail at Latch



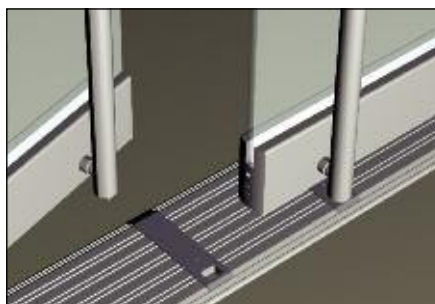
Rail Mount Detail at Latch



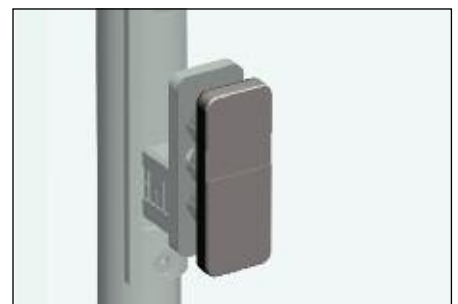
Keyed Access



Glass Mount Detail at Latch With Floor Mount Ramp Strike



Rail Mount Detail at Latch With Threshold Ramp Strike



Retainer Plate

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.

You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

CRL-BLUMCRAFT ACCESS CONTROL HANDLES

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL-Blumcraft DB100 and DB110 Series Deadbolt Handles

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- UL Classified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles

- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks



CRL-Blumcraft manufactures a complete line of Deadbolt Handles designed to complement our popular line of Panic Handles. They offer easily accessible locking hardware for 'all-glass' doors in an elegant tubular device, while maximizing your viewing area. Our Deadbolt Handles add a contemporary look to any 1/2" or 3/4" (12 or 19 mm) tempered glass door.

Like our PA100 Series Panics, our DB100 Series Deadbolt Handles provide a solution to the strict Americans With Disabilities Act (A.D.A.) Codes that confront every manufacturer and installer of 'all-glass' doors.

The interior portion of the device is a slender 1-1/4" (32 mm) tube stretching across the door and then gently turning upwards to the top of the door. This eliminates any interference in the lower half of the door, which must remain clear of obstructions to pass A.D.A. demands.

The locking hardware is completely concealed within the tube. The top deadbolt retracts with just a simple turn of a key or thumbturn conveniently located just above the horizontal portion of the handle. To complement the sleek interior look, we offer a variety of exterior pull handles that can be as simple as a horizontal handle (Model DB100A) or one that mirrors the interior device (Model DB100D).

All DB100 Series Deadbolt Handles can be used in conjunction with an Electric Strike, allowing for remote keyless entry. For your convenience, Custom Headers are available with all strike hardware installed.

Where A.D.A. Codes are not a concern, we offer our DB110 Series Deadbolt Handles. These Deadbolts are of the same sleek design as the DB100 Series, except they stretch across the door and then bend downward to the bottom of the door, latching at the floor or threshold.

They operate just like the DB100 Series Deadbolts. Strikes are available for either threshold or no threshold applications, providing secure, accurate engagement of the deadbolt with every closing.

All of our DB100 and DB110 Deadbolt Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable Deadbolt Handle is installed every time. Most importantly, they are all UL Classified to ANSI A156.16-1997 Standard.

For more information on DB100 and DB110 Series Deadbolt Handles, contact CRL Technical Sales, or visit our web site at crlaurence.com.

- Models for Aluminum or Wood Doors Available on Special Order



Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.



C.R. LAURENCE COMPANY

crlaurence.com | usalum.com

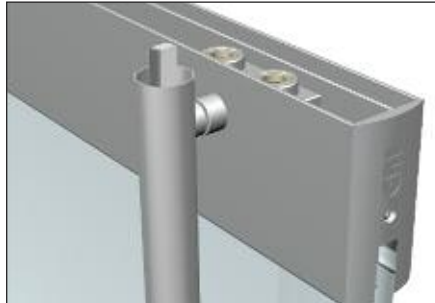
754W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL-Blumcraft DB100 Series Deadbolt Handle Details

BLUMCRAFT®
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Glass Mount Detail at Latch



Rail Mount Detail at Latch



Keyed Access – Cylinder Out / Thumbturn In



Glass Mount Detail at Latch With Header and Hole for Latch



Rail Mount Detail at Latch With Header and PK Strike



Glass Mount Detail at Latch With Header and ESK Strike

CRL-Blumcraft DB110 Series Deadbolt Handle Details



Glass Mount Detail at Latch



Rail Mount Detail at Latch



Keyed Access – Cylinder Out / Cylinder In



Glass Mount Detail at Latch With Threshold Prepped for Latch



Rail Mount Detail at Latch at Floor With AMR209PS Dustproof Keeper



Glass Mount Detail at Latch at Floor With 777SP Flat Strike

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

CRL-Blumcraft EG100 and EG110 Series Electronic Egress Control Handles

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- **UL and ULC Recognized Component**
- **For 1/2" or 3/4" (12 or 19 mm)
Tempered Glass Doors**
- **Available in Polished and Brushed Stainless,
Satin and Polished Brass, and Oil Rubbed Bronze**

- **Custom Finishes Available By Special Order**
- **Wide Selection of Exterior Fixed Handles**
- **Custom Sizes Ship Within One to Two Weeks**
- **Models for Aluminum or Wood Doors
Available on Special Order**

CRL-Blumcraft EG100 Series Electronic Egress Control Handles are an economical method to control access into, and safe exit from, areas that call for security and still maintain the beauty and view of an 'all-glass' door. These elegant tubular devices give you maximum viewing area and a contemporary look when used on 1/2" or 3/4" (12 or 19 mm) tempered glass doors.

Like our Panic and Deadbolt Handle Line, these Handles also meet the rigid requirements imposed by the A.D.A. Codes on every manufacturer and installer of 'all-glass' doors.

The interior portion of the device is a slender 1-1/4" (32 mm) tube stretching across the door and then gently turning upwards to the top of the door. This eliminates any interference in the lower half of the door, which must remain clear of obstructions to pass A.D.A. demands.

An Electronic Switch is completely concealed within the tube and releases a Magnetic Lock at the top or bottom of the door when gently pushed. To complement the sleek interior look, we offer a variety of exterior pull handles that can be as simple as a horizontal handle (Model EG100A) to one that mirrors the interior device (Model EG100D).

A Magnetic Lock must be ordered separately. Please contact CRL Technical Sales. For your convenience, Custom Headers are available with all lock hardware installed.



CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHALL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM
Listing No. 3774-1603:100
U.S. Patent No. 7,347,461



If A.D.A. Codes are not a concern, we also have our EG110 Series Electronic Egress Control Handles. These Handles are of the same sleek design and operation as the EG100 Series, except they stretch across the door and then bend downward to the bottom of the door.

All of our EG100 and EG110 Series Electronic Egress Control Handles come equipped with surge suppression ZNR that is compatible with most Shear Locks. However, we suggest that the lock manufacturer be contacted to ensure compatibility with this feature.

All CRL-Blumcraft Electronic Egress Control Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable product is installed every time. Most importantly, they are all UL and ULC Recognized Components, tested to NFPA Life and Safety Code Standards.

For more information on EG100 and EG110 Series Electronic Access Control Handles, contact CRL Technical Sales, or visit our web site at crlaurence.com.



Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.
You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.



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CRL-Blumcraft EG100 Series Electronic Egress Control Handle Details

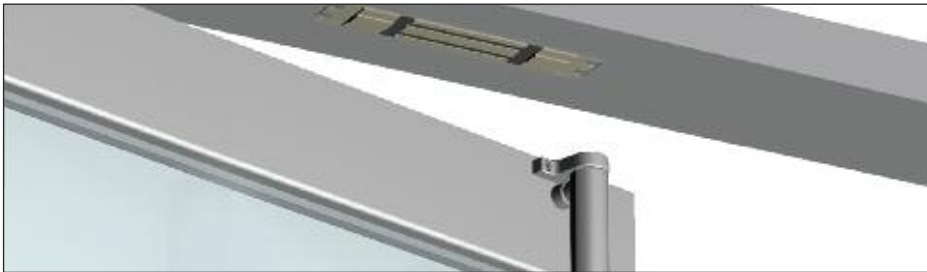
BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.



Rail Mount Detail at Header and Wire Loop for EG100



Keyed Access

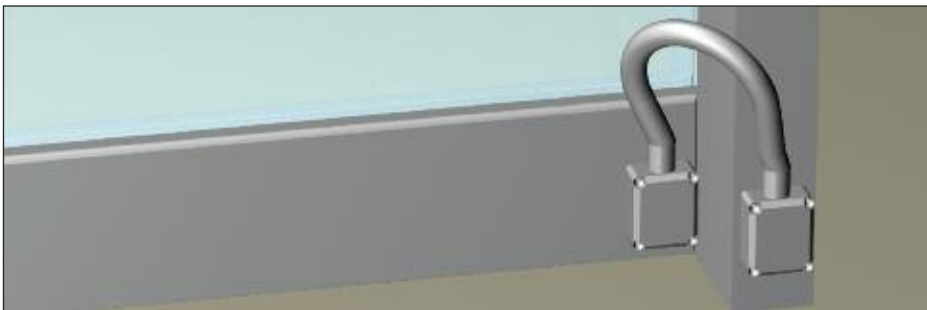


Rail Mount Detail at Top of EG100 With Header and Electromagnetic Shear Lock



Retainer Plate

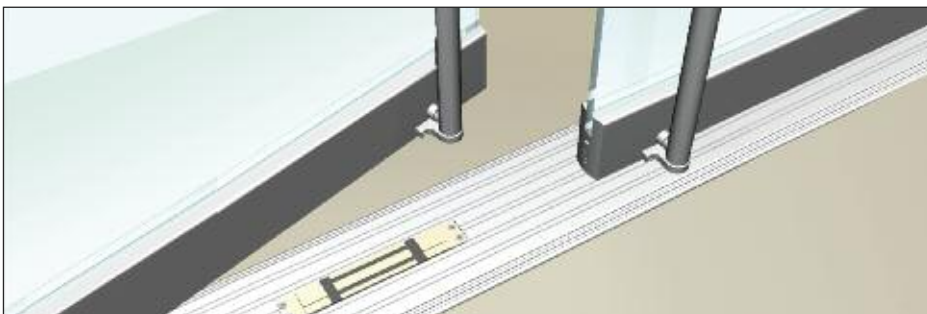
CRL-Blumcraft EG110 Series Electronic Egress Control Handle Details



Rail Mount Detail at Sill/Jamb and Wire Loop for EG110



Keyed Access



Rail Mount Detail at Bottom of EG110 With Threshold and Electromagnetic Shear Lock



Retainer Plate

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.
You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

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CRL-Blumcraft Access Control Handle Size Limitations

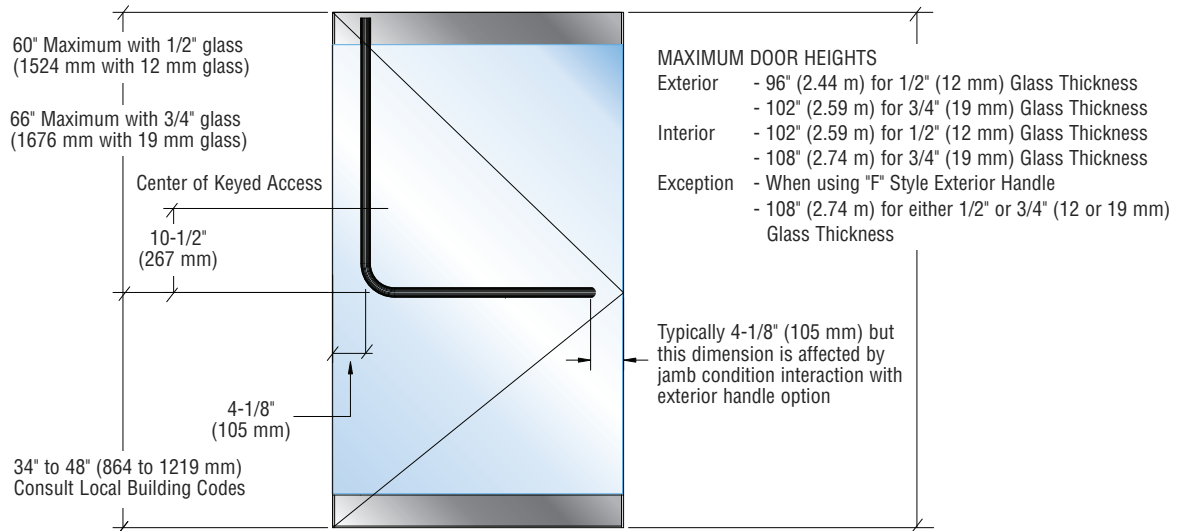
Increased Sizes Make Door Assemblies Heavier and More Flexible. Therefore, the Following Should be Considered:

- Windload, Stack Pressure, and Ventilation Loads
- Mounting Conditions of Doors to Building Structure
- Panic Devices, Deadbolt Locks, or Other Hardware
- Overhead or Floor Closer Characteristics
- Heavy Usage and Frequency of Operation
- Comfortable Feel and Ease of Door Operation

The Architect's Structural Engineer Should be Consulted so that the Door Design is Correct for the Intended Use

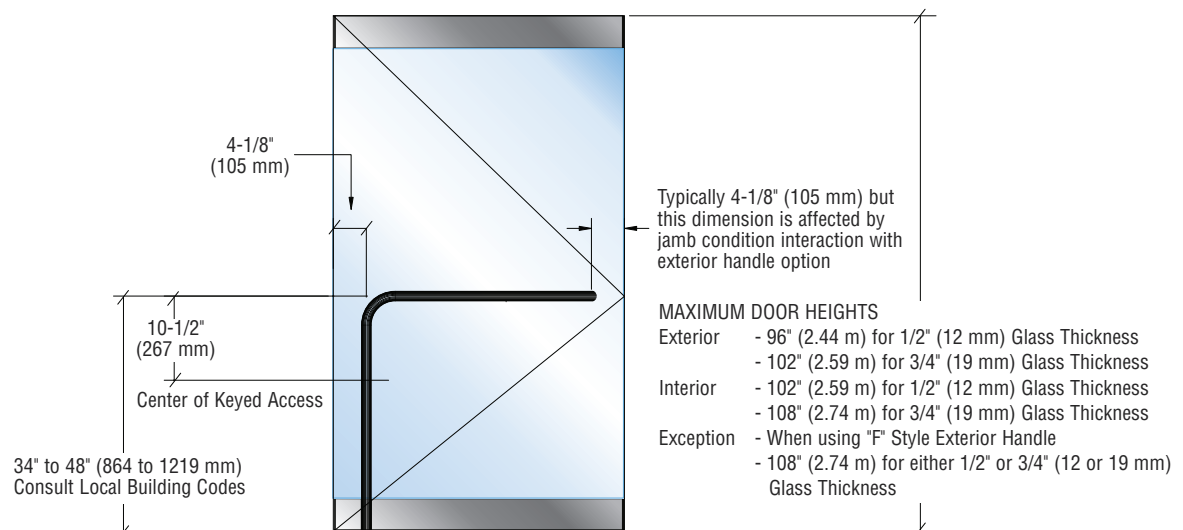
PA100, DB100, and EG100 Series Access Control Handles

• Top Locking



PA110, DB110, and EG110 Series Access Control Handles

• Bottom Locking



Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.

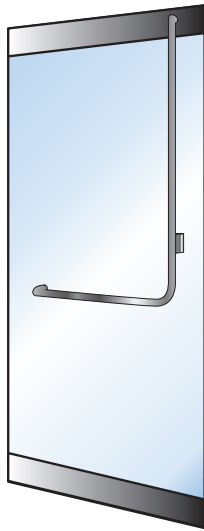
You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

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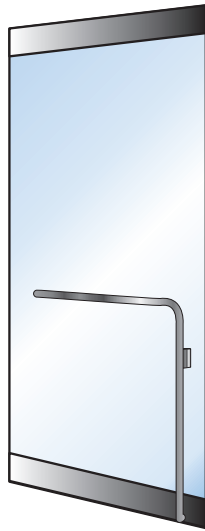
Standard Interior Configurations for CRL-Blumcraft Access Control Handles

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

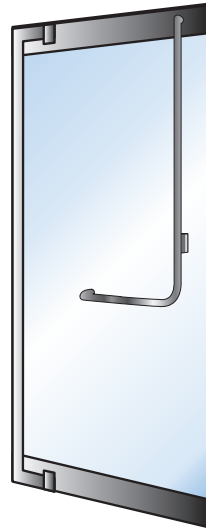


PA100, DB100, AND EG100 SERIES

Available with or without
Keyed Access Device



PA110, DB110, AND EG110 SERIES



BDA100 SERIES

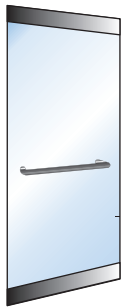
For Balanced Door Panic Handles
see page 760W



Exterior Handle Combinations for Doors with CRL-Blumcraft Access Control Handles

NOTE: All Exterior Fixed Handles below can be used in combination with any Panic, Deadbolt or Electronic Egress Handle.

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



Handle A



Handle D



Handle B



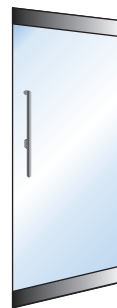
Handle C



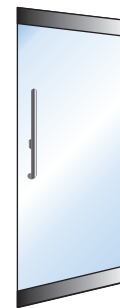
Handle E



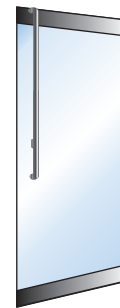
Handle F



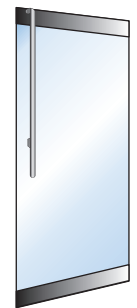
Handle G



Handle H



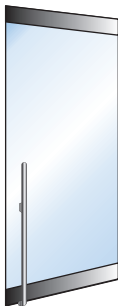
Handle J



Handle J-S



Handle K



Handle K-S



Handle L



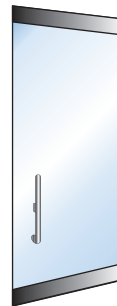
Handle L-S



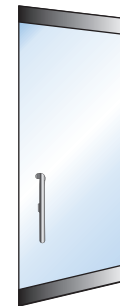
Handle M



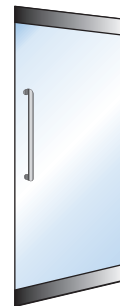
Handle M-S



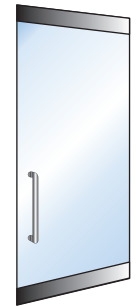
Handle N



Handle P



Handle X



Handle Y

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

CRL-Blumcraft BDA100 Series Panic Handles for Balanced Doors

- Specifically Designed for Balanced Doors
- UL, ULC, and ANSI/BHMA Certified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks

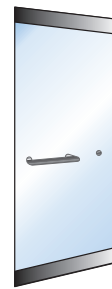
CRL-Blumcraft Balanced Door Panic Handles were created to meet the building code requirements for Balanced Doors, while maintaining an excellent appearance. The building code states that the push pad shall not extend more than one-half the width of the door measured from the latch side, and this creates an undesirable appearance.

Our BDA100 Series has a fixed handle portion that extends toward the hinge side of the door, with a clearly defined push pad handle portion at the latch side of the door. This wider handle has greatly improved aesthetics over a handle that only spans one-half of the door's width.

Yet another fine example of C.R. Laurence's commitment to meeting building code requirements, while at the same time delivering the beautiful hardware that our architectural customers demand.

Exterior Handle Combinations for Balanced Doors with CRL Panic Handles

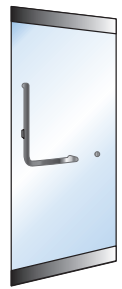
NOTE: Exterior Fixed Handles shown to the right can be used in combination with our BDA100 Series Panic Handles. For additional Exterior Fixed Handle options, see page 759W.



Handle A-BD



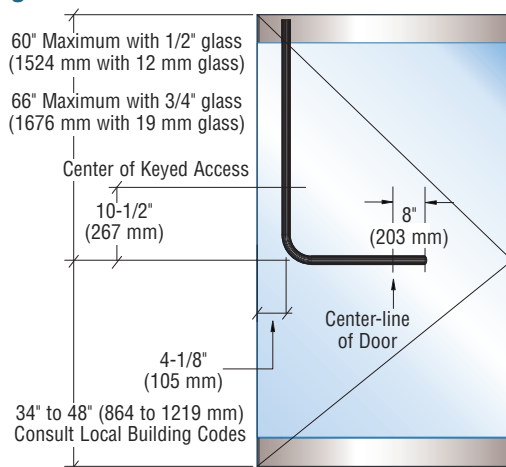
Handle D-BD



Handle B-BD

CRL Balanced Door Panic Handle Size Limitations

• Top Latching



MAXIMUM DOOR HEIGHTS

Exterior	- 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
	- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
Interior	- 102" (2.59 m) for 1/2" (12 mm) Glass Thickness
	- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness
Exception	- When using "F" Style Exterior Handle
	- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness



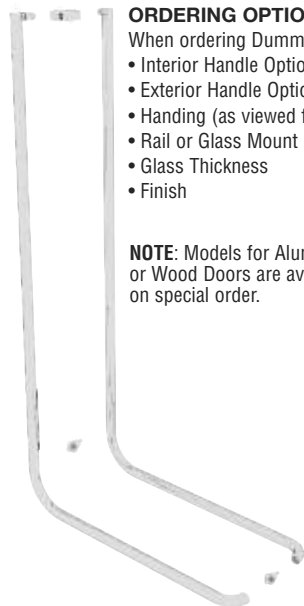
Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.

You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

CRL-Blumcraft Dummy Handles

- Custom Fabricated to Match All CRL-Blumcraft Panic, Deadbolt or Electronic Egress Control Handle and Exterior Handle Combinations
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors in Interior and Exterior Applications
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Stock Finishes Available for Shipment Within Three to Five Business Days



ORDERING OPTIONS

When ordering Dummy Handles you must specify:

- Interior Handle Option (see page 759W)
- Exterior Handle Option (see page 759W)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- Finish

NOTE: Models for Aluminum or Wood Doors are available on special order.

When functionality is not required, our Dummy Handles can be made to match any of our Panic, Deadbolt or Electronic Egress Handles, giving you the same appearance throughout your project. C.R. Laurence's experienced Manufacturing Division can also create custom Dummy Handles to meet design demands.

Our Technical Sales Professionals will discuss with you how best to fill your needs. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



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Technical Assistance

CRL Technical Sales can be reached Monday through Friday from 6:00 am to 5:00 pm Pacific Time. Phone toll free (800) 421-6144 from anywhere in the U.S., (877) 421-6144 from anywhere in Canada, or (323) 588-1281 International, and ask for Ext. 7700.

You can also send e-mail requests for quotes or product information from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

CRL Center Locks



- Available in Two Sizes:
4" x 10" and 6" x 10"
- Choose From Three Types:
Deadlatch, Long Throw Deadlock,
and Hook Throw Deadlock
- For Use With 1/2" (12 mm)
Tempered Glass; Custom Sizes
for Other Glass Thicknesses
Available on Special Order
- Installs Easily With Bolts; No Messy
Silicone or Cement Required
- Available in Five Stock Finishes
Plus Custom Finishes on Special Order

CRL Center Locks are available in three types: Deadlatch, Long Throw Deadlock, and Hook Throw Deadlock. A variety of pull handles and latch-operating devices (Thumbturns, Keyed Cylinders, Lever Handles, and Paddle Handles) are available to accommodate different requirements.

We carry stock units for immediate shipment, and can fabricate custom units that can be shipped within one week. CRL Offers an easy-to-use ordering menu that takes you through all the required information needed to produce your Center Lock. It can be faxed or e-mailed to you, or accessed at crlaurence.com.



CRL 4" x 10" Center Lock Glass Keepers

- For Use With 1/2" (12 mm)
Tempered Glass
- Installs Easily With Bolts;
No Silicone or Cement Required
- Non-Handed Stock Models
Available in Five Standard
Finishes
- Custom Sizes for Other Glass
Thicknesses and Custom Finishes
Can Be Special Ordered



Non-Handed

CRL 4" x 10" Center Lock Glass Keepers have a Strike Plate with a latch entry ramp on both sides, making them universal for all applications. Available in five attractive finishes for 1/2" (12 mm) heavy glass doors. Glass Keepers With Deadlatch Electric Strikes are available on special order.

CAT. NO.	HANDING	FINISH
DLK410BS	Non-Handed	Brushed Stainless
DLK410PS	Non-Handed	Polished Stainless
DLK410PB	Non-Handed	Polished Brass
DLK410SC	Non-Handed	Satin Anodized
DLK410DU	Non-Handed	Black Bronze Anodized



Glass Cut-Out
Required

CRL 4" x 10" Center Locks With Deadlatch

- For Use With 1/2" (12 mm)
Tempered Glass
- Installs Easily With Bolts;
No Silicone or Cement Required
- Available in Five Stock Finishes
- Custom Sizes for Other Glass
Thicknesses and Custom Finishes
Can Be Special Ordered



RH/LHR Shown

CRL 4" x 10" Center Locks With Deadlatch come with a Deadlatch that can be dogged in the open position, an 8" (203 mm) Back-to-Back "D" Handle, a Thumbturn on the inside, and a Keyed Cylinder on the outside. The dogging feature is engaged by simply pushing both deadlatch bolts fully into the open position, then engaging the dogging clips by turning either the Keyed Cylinder or Thumbturn until the clips snap in place.

Available in five attractive finishes for 1/2" (12 mm) heavy glass doors. Custom Locks with different accessories are available on special order.

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	FINISH
DL410LBS	DL410RBS	Brushed Stainless
DL410LPS	DL410RPS	Polished Stainless
DL410LPB	DL410RPB	Polished Brass
DL410LSC	DL410RSC	Satin Anodized
DL410LDU	DL410RDU	Black Bronze Anodized



Glass Cut-Out
Required

Minimum order: 1 each. *See page 764W for handing chart. All Center Locks and Keepers can be combined for quantity pricing.

CRL 4" x 10" Center Locks and Glass Keepers



CRL Center Locks With Long Throw Deadlock

- Non-Handed Stock Models Available in Five Finishes
- Installs Easily With Bolts; No Silicone or Cement Required
- For Use With 1/2" (12 mm) Tempered Glass
- Custom Sizes for 3/8" (10 mm) Tempered Glass Are Available on Special Order



Non-Handed

4" x 10" Center Locks With Long Throw Deadlock include a DL2110 Long Throw Deadlock, an 8" (203 mm) back-to-back "D" Handle, a Thumbturn on the inside, and a Keyed Cylinder on the outside.

CAT. NO.	FINISH
DT410BS	Brushed Stainless
DT410PS	Polished Stainless
DT410PB	Polished Brass
DT410SC	Satin Anodized
DT410DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL Center Locks With Hook Throw Deadlock

- Non-Handed Stock Models Available in Five Finishes
- Installs Easily With Bolts; No Silicone or Cement Required
- For Use With 1/2" (12 mm) Tempered Glass
- Custom Sizes for 3/8" (10 mm) Tempered Glass Are Available on Special Order



Non-Handed

4" x 10" Center Locks With Hook Throw Deadlock include a DL2130 Hook Throw Deadlock, an 8" (203 mm) back-to-back "D" Handle, a Thumbturn on the inside, and a Keyed Cylinder on the outside.

CAT. NO.	FINISH
DH410BS	Brushed Stainless
DH410PS	Polished Stainless
DH410PB	Polished Brass
DH410SC	Satin Anodized
DH410DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL Glass Keepers for Center Locks With Long Throw and Hook Throw Deadlocks

- Non-Handed Stock Models Available in Five Finishes
- Installs Easily With Bolts; No Silicone or Cement Required
- For Use With 1/2" (12 mm) Tempered Glass
- Custom Sizes for 3/8" (10 mm) Tempered Glass Are Available on Special Order



Non-Handed

Non-Handed 4" x 10" Glass Keepers for the 4" x 10" Long Throw and Hook Throw Deadlocks. Available in five finishes for 1/2" (12 mm) heavy glass doors.

CAT. NO.	FINISH
DTK410BS	Brushed Stainless
DTK410PS	Polished Stainless
DTK410PB	Polished Brass
DTK410SC	Satin Anodized
DTK410DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL 4" x 10" Center Lock Strikes



Back-Up Plate



Dust Box
(Small 1-3/4" Jamb Shown)



Strike

- Brushed Stainless Steel
- Dust Box and Back-Up Plate Included
- Non-Handed

CRL 4" x 10" Center Lock Strikes come with all necessary hardware for mounting. A Back-Up Plate is included for use in aluminum tubes, along with a Dust Box. Choose from three sizes for various jamb widths. One per package.

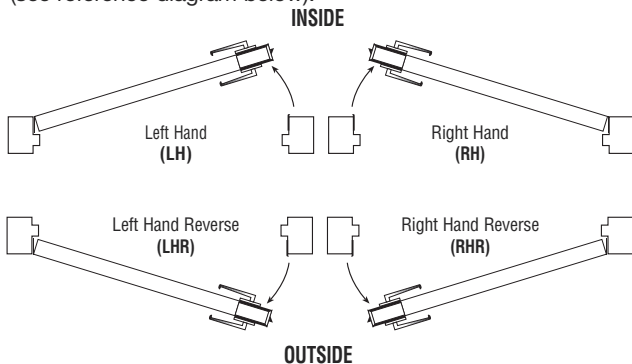
SMALL 1-3/4" WIDE JAMB CAT. NO.	MEDIUM 4" WIDE JAMB CAT. NO.	LARGE 4-1/2" WIDE JAMB CAT. NO.	FINISH
DL4515	DL4540	DL4545	Brushed Stainless

Minimum order: 1 each. All Center Locks Strikes can be combined for quantity pricing.

CRL 6" x 10" Center Locks With Deadlatch

- Five Different Lock Functions Available; Office, Entrance, Passage, Storeroom, and Classroom
- For 1/2" (12 mm) Tempered Glass; Custom Units for Other Glass Thicknesses on Special Order
- Ships in Under a Week
- Available in Five Finishes
- Hassle Free Installation Without the Mess of Cement or Silicone
- Jamb Mount Strike Plates on Special Order

6" x 10" Center Locks with Deadlatch offer the most diversity in lock function and security. Available in five attractive finishes for 1/2" (12 mm) heavy glass doors. The operation of the lock varies with the lock function. A simple cut-out in the glass is all that is required. No messy cement or silicone required for installing. Center Locks are available left and right handed (see reference diagram below).



CRL 6" x 10" Center Office Lock

With an "Office Lock," the Latchbolt is operated by lever on either side (except when outside lever is locked by rocker in faceplate) or by a key outside. Auxiliary Latchbolt deadlocks the main Latchbolt to prevent jimmying of lock. Turning inside lever will always retract the locking mechanism and allow exiting.



LHR Shown

OFFICE LOCK

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	FINISH
DL610L0BS	DL610R0BS	DL611L0BS	DL611R0BS	Brushed Stainless
DL610L0PS	DL610R0PS	DL611L0PS	DL611R0PS	Polished Stainless
DL610L0PB	DL610R0PB	DL611L0PB	DL611R0PB	Polished Brass
DL610L0SC	DL610R0SC	DL611L0SC	DL611R0SC	Satin Anodized
DL610L0DU	DL610R0DU	DL611L0DU	DL611R0DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Center Entrance Lock

With an "Entrance Lock," the Latchbolt is operated by lever on either side (except when outside lever is locked by rocker in faceplate). Deadbolt is operated by key outside and thumbturn inside. Inside lever operates Latchbolt and Deadbolt simultaneously to allow exiting. **NOTE:** Will not work with Electric Strikes.



LHR Shown

ENTRANCE LOCK (WILL NOT WORK WITH ELECTRIC STRIKE)

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	FINISH
DL610LEBS	DL610REBS	DL611LEBS	DL611REBS	Brushed Stainless
DL610LEPS	DL610REPS	DL611LEPS	DL611REPS	Polished Stainless
DL610LEPB	DL610REPB	DL611LEPB	DL611REPB	Polished Brass
DL610LESC	DL610RESC	DL611LESC	DL611RESC	Satin Anodized
DL610LEDU	DL610REDU	DL611LEDU	DL611REDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required



CRL 6" x 10" Center Passage Lock

With a "Passage Lock," the levers are always operable, allowing the Latchbolt to be retracted at all times.



PASSAGE LOCK

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	FINISH
DL610LPBS	DL610RPBS	DL611LPBS	DL611RPBS	Brushed Stainless
DL610LPSS	DL610RPSS	DL611LPSS	DL611RPSS	Polished Stainless
DL610LPPB	DL610RPPB	DL611LPPB	DL611RPPB	Polished Brass
DL610LPSC	DL610RPSC	DL611LPSC	DL611RPSC	Satin Anodized
DL610LPDU	DL610RPDU	DL611LPDU	DL611RPDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Center Storeroom Lock

With a "Storeroom Lock," the Latchbolt is operated by lever inside, and by key outside. The outside lever is always fixed. Auxiliary Latchbolt deadlocks the main Latchbolt to prevent jimmying of lock. Turning inside lever will always retract the locking mechanism to allow exiting. This lock is used primarily with Electric Strikes.



STOREROOM LOCK

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	FINISH
DL610LSBS	DL610RSBS	DL611LSBS	DL611RSBS	Brushed Stainless
DL610LSPS	DL610RSPS	DL611LSPS	DL611RSPS	Polished Stainless
DL610LSPB	DL610RSPB	DL611LSPB	DL611RSPB	Polished Brass
DL610LSSC	DL610RSSC	DL611LSSC	DL611RSSC	Satin Anodized
DL610LSDU	DL610RSDU	DL611LSDU	DL611RSDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Center Classroom Lock

With a "Classroom Lock," the Latchbolt is operated by lever on either side, except when outside lever is locked by key outside. Key operates latch or unlocks outside lever. Inside lever is always operable.



CLASSROOM LOCK

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	FINISH
DL610LMBS	DL610RMBS	DL611LMBS	DL611RMBS	Brushed Stainless
DL610LMPS	DL610RMPS	DL611LMPS	DL611RMPS	Polished Stainless
DL610LMPB	DL610RMPB	DL611LMPB	DL611RMPB	Polished Brass
DL610LMSC	DL610RMSC	DL611LMSC	DL611RMSC	Satin Anodized
DL610LMDU	DL610RMDU	DL611LMDU	DL611RMDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Center Push Button Locks and Glass Keepers

- Requires No Electrical Connections
- Complies With A.D.A. Standards
- Five Finishes Available



CRL Push Button Lock and Glass Keeper assemblies require no electrical connections so the mounting is exactly the same as our other 6" x 10" Center Locks. On the exterior side of the door is a Keypad with five vertical push buttons, numbered in sequential order from top to bottom. On the interior side there is a lever, which operates the Latchbolt at all times.

The lock complies with A.D.A. standards and is ideal for high frequency use in hospitals, entrances to commercial and industrial buildings, apartments, condominiums, schools, etc.

The Center Lock Glass Keeper (sold separately), is specially machined to accept the strike from the Push Button Lock. If a Center Lock Glass Keeper is not required, a Strike Plate for the jamb is supplied with the Push Button Lock assembly.

PUSH BUTTON LOCKS*

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	FINISH
DL610LCBS	DL610RCBS	DL611LCBS	DL611RCBS	Brushed Stainless
DL610LCPS	DL610RCPS	DL611LCPS	DL611RCPS	Polished Stainless
DL610LCPB	DL610RCPB	DL611LCPB	DL611RCPB	Polished Brass
DL610LCSC	DL610RCSC	DL611LCSC	DL611RCSC	Satin Anodized
DL610LCDU	DL610RCDU	DL611LCDU	DL611RCDU	▼ Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

▼ Black Bronze Cover Plate with Satin Anodized Lock and Lever.

* Push Button Lock and Glass Keeper are sold separately.

CENTER LOCK GLASS KEEPERS*

LH CAT. NO.	RH CAT. NO.	FINISH
DLK610LCBS	DLK610RCBS	Brushed Stainless
DLK610LCPS	DLK610RCPS	Polished Stainless
DLK610LCPB	DLK610RCPB	Polished Brass
DLK610LCSC	DLK610RCSC	Satin Anodized
DLK610LCDU	DLK610RCDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

* Push Button Lock and Glass Keeper are sold separately.



CRL 4" x 10" Center Lock Glass Keepers With Deadlatch Electric Strike

- Accepts 1/2" (12 mm) Tempered Glass
- Use With 4" x 10" Center Locks Only
- Available in Five Finishes



RH/LHR Shown



4" x 10" Center Lock Glass Keepers with 12V DC ST125 Series Deadlatch Electric Strikes are handed to match the appropriate Center Lock. To simplify ordering use the same handing as the lock. That way you match the Glass Keeper with Deadlatch Electric Strike to Center Lock handing, which eliminates confusion. These units are special order and can be shipped within one week. For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	FINISH
DLEL410BS	DLER410BS	Brushed Stainless
DLEL410PS	DLER410PS	Polished Stainless
DLEL410PB	DLER410PB	Polished Brass
DLEL410SC	DLER410SC	Satin Anodized
DLEL410DU	DLER410DU	Black Bronze Anodized

Minimum order: 1 each. *See page 764W for handing chart. All Center Locks and Keepers can be combined for quantity pricing. Extra gaskets available on special order for use with 3/8" (10 mm) glass.

Glass Cut-Out Required

CRL 6" x 10" Center Lock Glass Keepers

- Installs Easily With Bolts; No Silicone or Cement Required
- Available in Five Popular Finishes
- For 1/2" (12 mm) Tempered Glass



Non-Handed



6" x 10" Center Lock Glass Keepers have a strike plate with a latch entry ramp on both sides, making them universal for all applications. Available in five attractive finishes for 1/2" (12 mm) tempered glass doors. For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.

ENTRANCE LOCK* CAT. NO.	FOR OTHER LOCKS CAT. NO.	FINISH
DLK610EBS	DLK610BS	Brushed Stainless
DLK610EPS	DLK610PS	Polished Stainless
DLK610EPB	DLK610PB	Polished Brass
DLK610ESC	DLK610SC	Satin Anodized
DLK610EDU	DLK610DU	Black Bronze Anodized

Minimum order 1 each. All Center Locks and Keepers can be combined for quantity pricing. *Used only with Entrance Locks.

Glass Cut-Out Required

CRL 6" x 10" Center Lock Glass Keepers With Deadlatch Electric Strike

- Accepts 1/2" (12 mm) Tempered Glass
- Use With 6" x 10" Center Locks Only
- Available in Five Finishes



RH/LHR Shown



6" x 10" Center Lock Glass Keepers with 24V DC 7160510 Series Deadlatch Electric Strikes are handed to match the appropriate Center Lock. To simplify ordering use the same handing as the lock. That way you match the Glass Keeper with Deadlatch Electric Strike to Center Lock handing, which eliminates confusion. **NOTE:** Will not work with Entrance Lock configuration. These units are special order and can be shipped within one week. Please contact Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	FINISH
DLEL610BS	DLER610BS	Brushed Stainless
DLEL610PS	DLER610PS	Polished Stainless
DLEL610PB	DLER610PB	Polished Brass
DLEL610SC	DLER610SC	Satin Anodized
DLEL610DU	DLER610DU	Black Bronze Anodized

Minimum order: 1 each. *See page 764W for handing chart. All Center Locks and Keepers can be combined for quantity pricing. Extra gaskets available on special order for use with 3/8" (10 mm) glass.

Glass Cut-Out Required

CRL 6" x 10" Center Lock Strikes

- Available to Fit Four Different Jamb Sizes
- Dust Box and Back-Up Plate Included
- Left and Right Handed Models
- Brushed Stainless Steel

CRL 6" x 10" Center Lock Strikes come with all the necessary hardware for mounting. A Back-Up Plate is included for use in aluminum tubes, along with a Dust Box. Choose from two models and four different jamb widths.



DILL6515 Shown

FOR OFFICE, PASSAGE, STOREROOM, AND CLASSROOM CENTER LOCKS

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	FITS JAMB SIZE
DLL6515	DLR6515	1-3/4" (45 mm)
DLL6540	DLR6540	4" (102 mm)
DLL6545	DLR6545	4-1/2" (114 mm)
DLL6560	DLR6560	6" (152 mm)

FOR ENTRANCE CENTER LOCKS (DEADBOLT)

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	FITS JAMB SIZE
DLL6615	DLR6615	1-3/4" (45 mm)
DLL6640	DLR6640	4" (102 mm)
DLL6645	DLR6645	4-1/2" (114 mm)
DLL6660	DLR6660	6" (152 mm)

Minimum order: 1 each. *See page 764W for handing chart. All Strikes can be combined for quantity pricing.

CRL Low Profile Center Locks and Glass Keepers

- Small Size Complements Our Low Profile Door Rail Line
- For 3/8" (10 mm) or 1/2" (12 mm) Tempered Glass
- Available in Five Standard Architectural Finishes
- Custom Finishes and Anti-Microbial Powder Coatings Available
- Hassle Free Installation Without the Mess of Cement or Silicone
- Jamb Mount Strike Plate Provided With Lock
- Uses Our Standard Thumbturns and Keyed Cylinders (See page 788W)

Low Profile Center Locks and Glass Keepers offer the diversity of having a secure lock in a small package that complements our Low Profile Door Rails. Available in five attractive finishes that match our entire Door Rail line for both 3/8" (10 mm) and 1/2" (12 mm) heavy glass doors. This Lock is located at a comfortable height above the floor, eliminating the need to bend down to lock or unlock the door. A simple cut-out in the glass is all that is required. No messy cement or silicone required for installing.

NOTE: When used on a pair of doors, one door must have a rail lock engaging into the floor for maximum security.



Glass Cut-Out Required



CRL Low Profile Center Lock

- Small Size Complements Our Low Profile Door Rail Line
- Uses Our Standard Thumbturns and Keyed Cylinders
- Non-Handed

The 2-3/4" x 5-5/8" (70 x 143 mm) Low Profile Center Lock looks great when used with our Low Profile Door Rails. The sleek housing uses our standard thumbturns and keyed cylinders in any combination (ordered separately, see page D494). Fits both 3/8" (10 mm) and 1/2" (12 mm) thick tempered glass. Includes a 777SP Series Fixed Jamb Strike Plate. For locking to a glass sidelite, a Glass Keeper must be ordered separately (see below).



CAT. NO.	FINISH
DT36SA	Satin Anodized
DT36DU	Black Bronze Anodized
DT36BS	Brushed Stainless
DT36PS	Polished Stainless
DT36PB	Polished Brass

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL Low Profile Glass Keeper

- Small Size Complements Our Low Profile Door Rail Line
- Works With Low Profile Center Lock (See Above)
- Non-Handed

These 1-3/4" x 5-5/8" (45 x 143 mm) Low Profile Glass Keepers are for use on glass panels adjacent to swinging doors using our DT36 Series Low Profile Center Locks (see above). Fits both 3/8" (10 mm) and 1/2" (12 mm) thick tempered glass.



CAT. NO.	FINISH
DTK36SA	Satin Anodized
DTK36DU	Black Bronze Anodized
DTK36BS	Brushed Stainless
DTK36PS	Polished Stainless
DTK36PB	Polished Brass

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL Lever Lock Housing

- Low Profile Body Design for Use With 3/8" or 1/2" (10 or 12 mm) Glass
- Supplied With ANSI A156.2 Grade 1 or Grade 2 Lever Lock
- Non-Handed and Reversible
- Five Architectural Finishes Available
- Four Function Options

CRL's new Lever Lock Housings are easy to install and come complete with Housing and Lever Lockset for 3/8" or 1/2" (10 or 12 mm) thick glass. The Entrance and Storeroom models are available with either a Schlage 'C' 6-Pin keyway or a 7-Pin Small Format Interchangeable Cores (SFIC). See page 785W for additional information. An ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike is included.



Glass Fabrication is required. Installation Instructions and Fabrication Template Included.



INTERIOR	EXTERIOR	FUNCTION ANSI NUMBER	FUNCTION DESCRIPTION
		Entrance F 109	Pushing inside button locks outside trim, requiring key to unlock. Pushing and twisting button locks outside lever and always requires a key to unlatch. Inside lever always allows free egress.
		Storeroom F 86	Outside lever always locked. Key unlatches only. Inside lever always allows free egress.
		Passage F 75	Both levers are always free.
		Privacy F 76	Push button locking from inside. Lock can be opened from outside with narrow flat head screwdriver or by rotating inside lever.

CRL Cylindrical Lever Lock Code Compliances



- ANSI A156.2 Grade 1. UL10C and UBC 7.2 for Positive Pressure
- ANSI A117.1 and A.D.A. for Barrier-Free Accessibility
- C-UBC California Amended Uniform Builders Code – 2001
- NFPA-80 National Fire Protection - 1999
- NFPA101 National Fire Protection - Life Safety - 2000

See pages 776W to 778W for additional information, or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.

CRL Lever Lock Housing – Entrance

GRADE 1

SCHLAGE 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH50SA	LH52SA	Satin Anodized
LH50PS	LH52PS	Polished Stainless Steel
LH50BS	LH52BS	Brushed Stainless Steel
LH50PB	LH52PB	Polished Brass
LH50DU	LH52DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

SCHLAGE 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH55SA	LH57SA	Satin Anodized
LH55PS	LH57PS	Polished Stainless Steel
LH55BS	LH57BS	Brushed Stainless Steel
LH55PB	LH57PB	Polished Brass
LH55DU	LH57DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Lever Lock Housing – Storeroom

GRADE 1

SCHLAGE 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH70SA	LH72SA	Satin Anodized
LH70PS	LH72PS	Polished Stainless Steel
LH70BS	LH72BS	Brushed Stainless Steel
LH70PB	LH72PB	Polished Brass
LH70DU	LH72DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

SCHLAGE 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH75SA	LH77SA	Satin Anodized
LH75PS	LH77PS	Polished Stainless Steel
LH75BS	LH77BS	Brushed Stainless Steel
LH75PB	LH77PB	Polished Brass
LH75DU	LH77DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Lever Lock Housing - Passage

GRADE 1

CAT. NO.	FINISH
LH10SA	Satin Anodized
LH10PS	Polished Stainless Steel
LH10BS	Brushed Stainless Steel
LH10PB	Polished Brass
LH10DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

CAT. NO.	FINISH
LH15SA	Satin Anodized
LH15PS	Polished Stainless Steel
LH15BS	Brushed Stainless Steel
LH15PB	Polished Brass
LH15DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Lever Lock Housing - Privacy

GRADE 1

CAT. NO.	FINISH
LH40SA	Satin Anodized
LH40PS	Polished Stainless Steel
LH40BS	Brushed Stainless Steel
LH40PB	Polished Brass
LH40DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

CAT. NO.	FINISH
LH45SA	Satin Anodized
LH45PS	Polished Stainless Steel
LH45BS	Brushed Stainless Steel
LH45PB	Polished Brass
LH45DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Lever Lock Glass Keepers

- For Use With 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes Available
- Installs Easily With Bolts; No Silicone or Cement Needed

These Glass Keepers are for use on glass panels adjacent to swinging doors using our Lever Lock Housings. They are non-handed and reversible.

NOTE: Glass cut-out is required. When used in a double door application, the door with this Glass Keeper must be secured with a lock at the bottom of the door.

CAT. NO.	FINISH
LHK1SA	Satin Anodized
LHK1PS	Polished Stainless Steel
LHK1BS	Brushed Stainless Steel
LHK1PB	Polished Brass
LHK1DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Lock Glass Keepers can be combined for quantity pricing.



CRL Lever Lock Glass Keepers With Electric Strike

- For Use With 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes Available

These Glass Keepers with Electric Strikes are special ordered and can ship within one week. The electric strike is 12V or 24V AC or DC with fail safe or fail secure options. They are non-handed and reversible.

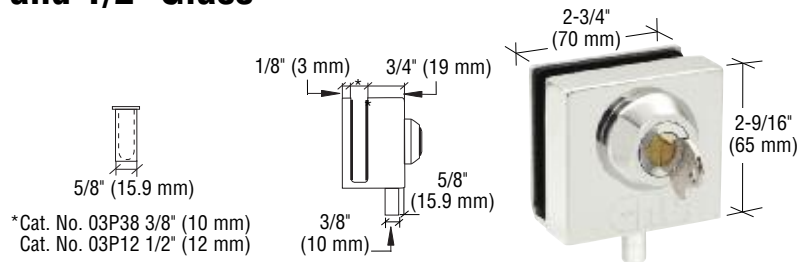
NOTE: Glass cut-out is required. When used in a double door application, the door with this Glass Keeper must be secured with a lock at the bottom of the door.

FAIL SAFE CAT. NO.	FAIL SECURE CAT. NO.	FINISH
LHE1SA	LHE2SA	Satin Anodized
LHE1PS	LHE2PS	Polished Stainless Steel
LHE1BS	LHE2BS	Brushed Stainless Steel
LHE1PB	LHE2PB	Polished Brass
LHE1DU	LHE2DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Lock Glass Keepers can be combined for quantity pricing.



CRL Deluxe Slip-On Plunger Lock for 3/8" and 1/2" Glass



• No Glass Fabrication Required

This CRL Deluxe Slip-On Plunger Lock is designed for 3/8" and 1/2" (10 and 12 mm) glass, and can be installed without drilling or notching the glass. In the locked position, the plunger recesses into a spring-loaded receptacle, which is mounted into the floor. The Lock comes complete with a finished Keeper and set of three keys.

CAT. NO.	GLASS THICKNESS	KEYED	FINISH
03P38	3/8" (10 mm)	Randomly	Chrome
03P12	1/2" (12 mm)	Randomly	Chrome

Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.

CRL European EUR Series Glass Mounted Patch Lock With Keeper Plate For Floor and Jamb Mount Applications

INCLUDES:

Aluminum Machined Body with Lock Mechanism and Randomly Keyed Cylinder; Cover Plates and Keeper Plate (Choice of Four Finishes); Gaskets for 3/8" (10 mm) or 1/2" (12 mm) Glass; Template and Instructions

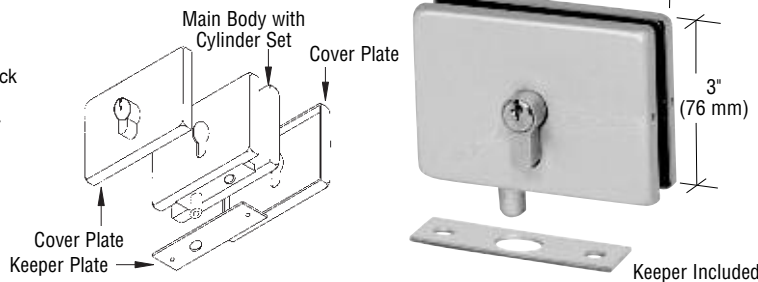
SPECIFICATIONS:

For Use With:

Supplied Keeper Plate

Glass Fabrication Required:

One Cut-Out



This European Series Glass Mounted Patch Lock with Keeper can be mounted at the bottom of the door, or on the side of the door when used in a jamb-type installation.

CAT. NO.	FINISH
EUR680A	Satin Anodized
EUR680BR	Polished Brass
EUR680BS	Brushed Stainless
EUR680PS	Polished Stainless

Minimum order 1 each: Sold only as a complete lock. All Patch Locks can be combined for quantity pricing.

CRL European EUR Series Center Housed Patch Lock and Keeper For Glass-to-Glass Mount Applications

PATCH LOCK INCLUDES:

Aluminum Machined Body with Lock Mechanism and Randomly Keyed Cylinder; Cover Plates (Choice of Four Finishes); Gaskets for 3/8" (10 mm) or 1/2" (12 mm) Glass; Template and Instructions

SPECIFICATIONS:

For Use With:

EUR682 Center Housed Keeper (Order Separately)

Glass Fabrication Required:

One Cut-Out

GLASS MOUNTED KEEPER INCLUDES:

Aluminum Machined Body with Keeper Hole; Cover Plates (Choice of Four Finishes); Gaskets for 3/8" (10 mm) or 1/2" (12 mm) Glass; Template and Instructions

SPECIFICATIONS:

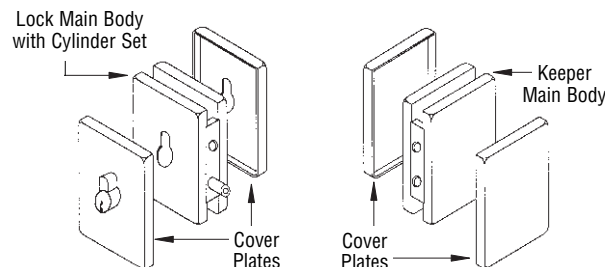
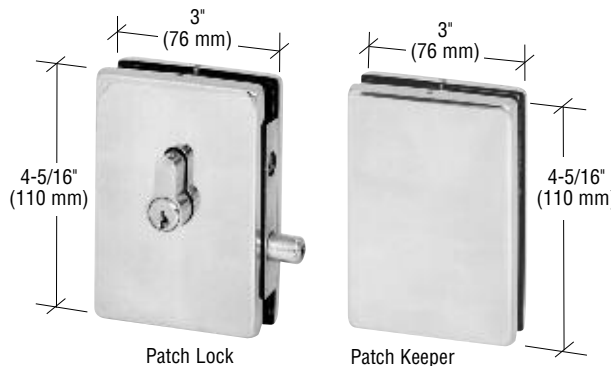
For Use With:

EUR681 European Center Housed Patch Lock (Order Separately)

Glass Fabrication Required:

One Cut-Out

NOTE: An additional Lock is required at the bottom of one door in double door installations.



The European Series Glass Mounted Patch Lock and Glass Mounted Keeper are designed to be used in glass-to-glass type applications. The Lock and Keeper can be used on double glass doors, or on a door and fixed glass panel. Patch Lock and Keeper must be ordered separately.

GLASS MOUNTED PATCH LOCK

CAT. NO.	FINISH
EUR681A	Satin Anodized
EUR681BR	Polished Brass
EUR681BS	Brushed Stainless
EUR681PS	Polished Stainless

Minimum order 1 each: All Patch Locks can be combined for quantity pricing.

GLASS MOUNTED PATCH KEEPER

CAT. NO.	FINISH
EUR682A	Satin Anodized
EUR682BR	Polished Brass
EUR682BS	Brushed Stainless
EUR682PS	Polished Stainless

Minimum order 1 each: All Patch Locks can be combined for quantity pricing.

CRL Deluxe Patch Lock for 3/8" and 1/2" Glass

• Does Not Require Glass Fabrication

This CRL Deluxe Patch Lock slips onto 3/8" or 1/2" (10 or 12 mm) glass and affords ease of installation, removal and security, without the necessity of a permanent patch lock. Lock is accessed from one side only by keyed cylinder. Removal of Lock during business hours provides a visually aesthetic frameless appearance. Easy slip-on feature means no glass fabrication is required. Lock is provided with three keys, keyed randomly.

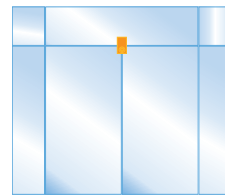
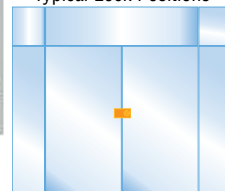


Measures:

4-3/4" (120 mm) Wide x
2-3/4" (70 mm) High



Typical Lock Positions



CAT. NO.	GLASS THICKNESS	KEYED	FINISH
01P38	3/8" (10 mm)	Randomly	Chrome
01P12	1/2" (12 mm)	Randomly	Chrome

Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.



There is no need to put a hole in the glass or have any additional work done. Simply remove the cover plate and slide the double gasketed portion onto the fixed panel. The ribbed rubber lining creates suction, holding the lock firmly to the glass.

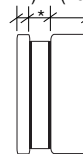


Close the second leaf or panel of the door. Put the second piece of the lock on. Make the bolt slide by using the key so that the lock fits perfectly and closes tightly.

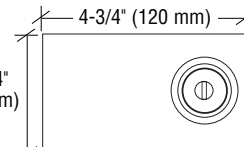


With the CRL Deluxe Patch Lock you will have absolute safety when locking up. It is extremely easy to install anywhere along the door, even if it's a two or three leaf glass door.

23/64" (9.1 mm) 3/4" (19 mm)



2-3/4" (70 mm)



*Cat. No. 01P38 3/8" (10 mm)
Cat. No. 01P12 1/2" (12 mm)

SPECIFICATIONS:

For Use With: 3/8" (10 mm) or 1/2" (12 mm) Glass Doors

No Glass Fabrication Required

Recommended Gap Between Panels: 3/16" (5 mm)

CRL Glass Mounted Slip-On Patch Lock for 3/8" and 1/2" Glass

INCLUDES:

Lock Housing (Brass or Chrome Finish);
Three Keys; Gaskets and Instructions

SPECIFICATIONS:

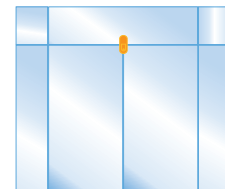
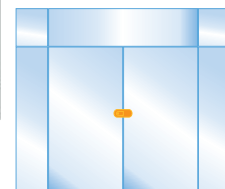
For Use With: 3/8" (10 mm) or 1/2" (12 mm) Glass Doors

No Glass Fabrication Required

Recommended Gap Between Panels: 3/16" (5 mm)



Typical Lock Positions



Measures:

5-1/2" (139 mm) Wide x
3-1/4" (82 mm) High

The Glass Mounted Slip-On Patch Lock affords ease of installation, removal and security without the necessity of a permanent patch lock. This lock can be used as a primary lock, and also in conjunction with a floor lock for extra security. Lock is accessed from one side only by keyed cylinder. Removal of lock during business hours provides a visually aesthetic frameless appearance. Easy slip-on feature means glass fabrication is not required. Lock is provided with three keys. Blank keys are available, and can be cut by a locksmith to match existing keys.

Remove it in the morning, put it back on in moments at night for absolute safety.



There is no need to put a hole in the glass or have any additional work done. Simply remove the cover plate and slide the double gasketed portion onto the fixed panel. The ribbed rubber lining creates suction, holding the lock firmly to the glass.



Close the second leaf or panel of the door. Put the second piece of the lock on. Make the bolt slide by using the key so that the lock fits perfectly and closes tightly.



With the CRL Slip-On Lock you will have absolute safety when locking up. It is extremely easy to install anywhere along the door, even if it's a two or three leaf glass door.

GLASS MOUNTED SLIP-ON PATCH LOCK

CAT. NO.	GLASS THICKNESS	FINISH
1NT685BR	3/8" (10 mm)	Brass
1NT685CH	3/8" (10 mm)	Chrome
1NT686BR	1/2" (12 mm)	Brass
1NT686CH	1/2" (12 mm)	Chrome

Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.

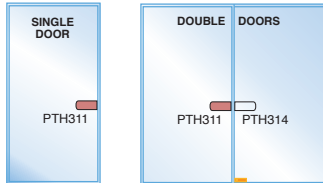
REPLACEMENT KEYS

CAT. NO.	DESCRIPTION
SL1PKEY	Blank Key for Slip-On Lock

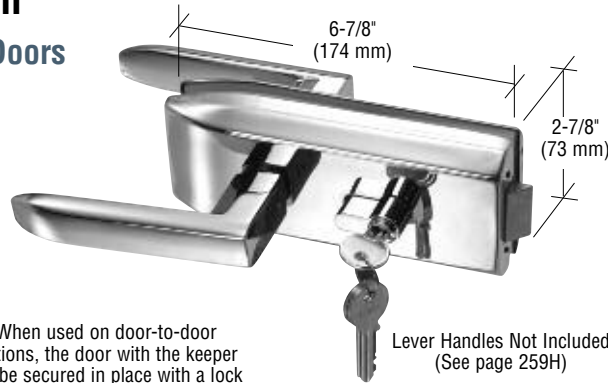
Minimum order: 1 each.

CRL Glass Mounted Latch

- Works on Single or Double Doors
- For 3/8" or 1/2" (10 or 12 mm) Glass
- Field Reversible



NOTE: When used on door-to-door applications, the door with the keeper should be secured in place with a lock at the bottom of the door.



Lever Handles Not Included (See page 259H)

GLASS FABRICATION REQUIRED:

Two 1-3/4" (45 mm) Holes

COMES WITH:

ES3 and ES4 Series Cylinder/Thumbturn with 3 keys each, Template and Instructions.



Included



CAT. NO.	FINISH
PTH311A	Clear Anodized
PTH311BR	Polished Brass
PTH311BS	Brushed Stainless
PTH311PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

The PTH311 comes assembled for use with the EC4 Keyed Cylinder on all outswing doors and on inswing doors without a PTH314 Glass Mounted Latch Keeper. When used on inswing doors with PTH314, the EC3 Extended Length Keyed Cylinder must be used.

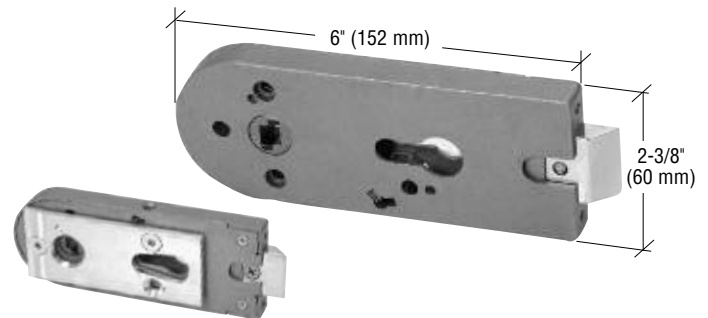
CRL Locking Latch Mechanism

- Works With PTH311 Series Lever Latches
- Reversible to Meet All Applications

The PTH300L Latch Mechanism is a replacement latch for the PTH311 Glass Mounted Latch shown above. It is reversible for both handle lifting springs and latch bolt configurations.

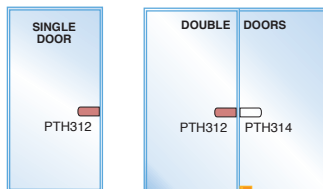
CAT. NO.	MATERIAL
PTH300L	Raw Zinc

Minimum order: 1 each.

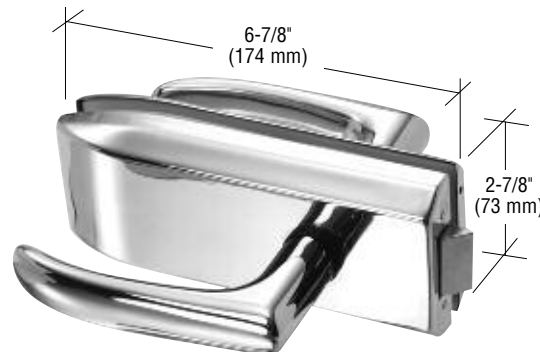


CRL Glass Mounted Passage Latch

- Works on Single or Double Doors
- For 3/8" or 1/2" (10 or 12 mm) Glass



NOTE: When used on door-to-door applications, the door with the keeper should be secured in place with a lock at the bottom of the door.



Lever Handles Not Included (See page D421)

GLASS FABRICATION REQUIRED:

Two 1-3/4" (45 mm) Holes

COMES WITH:

Template and Instructions



Included

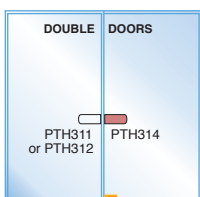


CAT. NO.	FINISH
PTH312A	Clear Anodized
PTH312BR	Polished Brass
PTH312BS	Brushed Stainless
PTH312PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

CRL Glass Mounted Latch Keeper

- Works With Either Latch Above on Double Doors



NOTE: When used on door-to-door applications, the door with the keeper should be secured in place with a lock at the bottom of the door.



GLASS FABRICATION REQUIRED:

Two 1-3/4" (45 mm) Holes

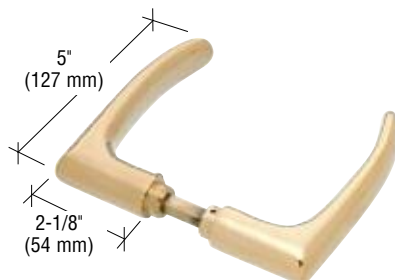
COMES WITH:

Template and Instructions

CAT. NO.	FINISH
PTH314A	Clear Anodized
PTH314BR	Polished Brass
PTH314BS	Brushed Stainless
PTH314PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

CRL Sculptured Style Lever Handles



• Available in Three Finishes

FOR USE WITH:

PTH311 and PTH312 Glass Mounted Latch Mechanisms

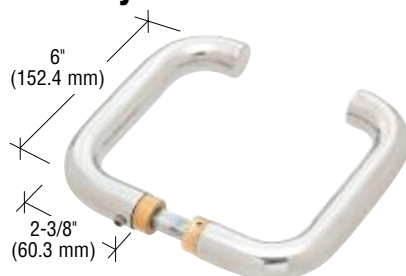
INCLUDES:

Hex Wrench

CAT. NO.	FINISH
PTH303BR	Polished Brass
PTH303BS	Brushed Stainless
PTH303PS	Polished Stainless

Minimum order: 1 set. All Patch Handles can be combined for quantity pricing.

CRL Tubular Style Lever Handles



• Available in Four Finishes

FOR USE WITH:

PTH311 and PTH312 Glass Mounted Latch Mechanisms

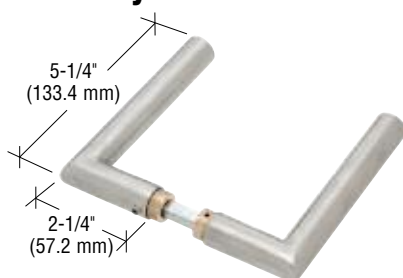
INCLUDES:

Hex Wrench

CAT. NO.	FINISH
PTH302A	Satin Anodized
PTH302BR	Polished Brass
PTH302BS	Brushed Stainless
PTH302PS	Polished Stainless

Minimum order: 1 set. All Patch Handles can be combined for quantity pricing.

CRL Modern Style Lever Handles



• Available in Three Finishes

FOR USE WITH:

PTH311 and PTH312 Glass Mounted Latch Mechanisms

INCLUDES:

Hex Wrench

CAT. NO.	FINISH
PTH306BR	Polished Brass
PTH306BS	Brushed Stainless
PTH306PS	Polished Stainless

Minimum order: 1 set. All Patch Handles can be combined for quantity pricing.

CRL Extended Length Keyed Cylinders

- Works on PTH311 Series Lever Latch Installation and Euro Style Patch Locks EUR205, EUR680, and EUR681

- Available in Cylinder/Thumbturn and Cylinder/Cylinder

These Extended Length Cylinders work on a PTH311 Series Lever Latch installation in conjunction with a PTH314 Glass Mounted Latch Keeper on an inswing door. Available keyed randomly or alike.



KEYED RANDOMLY CAT. NO.	KEYED ALIKE CAT. NO.	TYPE	FINISH
EC3BR	EC3BRKA	Cylinder/Thumbturn	Polished Brass
EC3BS	EC3BSKA	Cylinder/Thumbturn	Brushed Stainless
EC3PS	EC3PSKA	Cylinder/Thumbturn	Polished Stainless
EC5BR	EC5BRKA	Cylinder/Cylinder	Polished Brass
EC5BS	EC5BSKA	Cylinder/Cylinder	Brushed Stainless
EC5PS	EC5PSKA	Cylinder/Cylinder	Polished Stainless

Minimum order: 1 each. All Cylinders/Thumbturns can be combined for quantity pricing.

CRL Standard Length Keyed Cylinder With Thumbturn

- Designed to Work in Most PTH311 Series Lever Latch Installations
- Available in Four Finishes

This Standard Length Key Cylinder/Thumbturn works with all PTH311 Series Latches, except when the latch is used with a PTH314 Series Glass Mounted Latch Keeper on an inswing door. This requires the EC3 or EC5 Series Extended Length Cylinders at the left. The EC4 Series is only available keyed randomly.



CAT. NO.	FINISH
EC4A	Matte Chrome
EC4BR	Polished Brass
EC4BS	Brushed Stainless
EC4PS	Polished Stainless

Minimum order: 1 each. All Cylinders/Thumbturns can be combined for quantity pricing.

CRL Frameless Storefront and Entrance Patch Hardware

- For 3/8" or 1/2" (10 or 12 mm) Glass
- An Excellent Choice for 'All-Glass' Entrances
- Available With 2-3/4" (70 mm) and 2-9/16" (65 mm) Pivot Setbacks
- A Complete Selection of Products Including Patch Fittings, Inserts and Pivots, Lever Locks and Latches, Concealed Overhead and Floor Closers, Door Handles, and Many More Accessories can be Seen at crlaurence.com



CRL Curved Style Door Patch Fittings



CRL Offset Door Patch Fittings



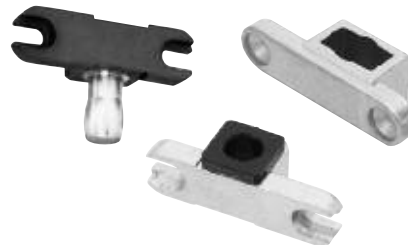
CRL North American and European Series Door Patch Fittings



CRL Transom Patch Fittings



CRL Patch Fittings With Door Stops



CRL Patch Inserts



CRL North American AMR Series Patch Lock



CRL European Style Patch Lock

CRL Heavy-Duty Mortise Lever Lockset

- ANSI A156.13 Series 1000 Grade 1
- 3 Year Warranty
- UL Listed

This CRL Heavy-Duty Commercial Grade 1 Mortise Lever Lockset is easy to install, and comes with detailed installation instructions. It has a 3-hour fire rating and is UL Listed. The lock case features heavy-duty stamped steel construction.

This CRL Commercial Mortise Lever Lockset comes in an ANSI-F20 Entrance Lock Function, and operates in the following fashion:

The lever handles will operate the latchbolt from either side or the outside lever can be locked by activating the rocker switch on the edge of the mortise latch (just below the latchbolt). The outside lever remains locked requiring a key to enter or until the rocker switch is returned to the unlock position. The deadbolt can be thrown by thumbturn from the inside or key from the outside. The inside lever is always free to simultaneously retract both the deadbolt and latch for immediate egress with a single turn of the lever.

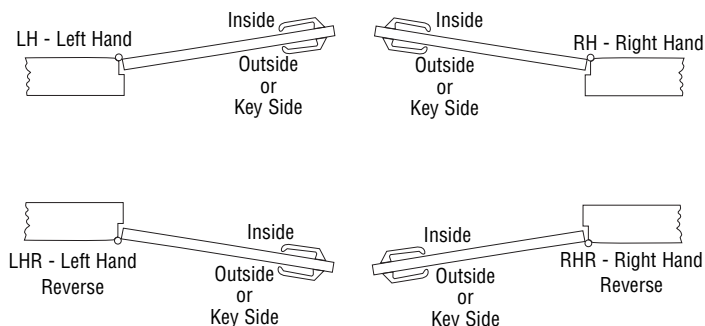
The Lever Lockset is field reversible for Right Hand, Left Hand, Right Hand Reverse, or Left Hand Reverse handing capabilities. Lockset fits 1-3/4" (44.5 mm) door thickness with a 2-3/4" (70 mm) backset. The 1-1/8" (28.5 mm) mortise cylinder has a Schlage "C" 6-pin keyway. Also included is an ANSI 1-1/4" x 4-7/8" (31.8 x 124 mm) curved lip Strike. One per box.

Other functions are available through our special order program. For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.



Door Handing Capabilities

Door Handing is Determined from Outside or Key (Secure) Side of the Door.

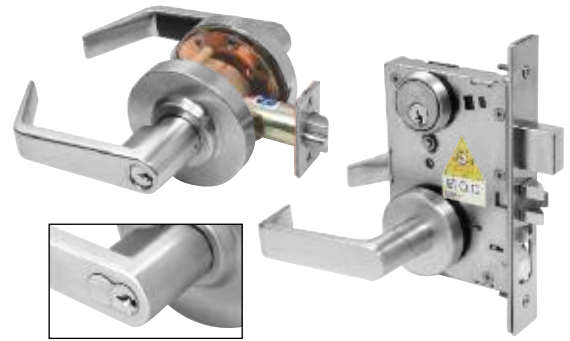


CAT. NO.	DESCRIPTION	FINISH
ML9453	Heavy-Duty Mortise Lever Lock	Satin Chrome

Minimum order: 1 each.

CRL Commercial Cylindrical and Mortise Lever Locks

- Cylindrical Lever Locks are Non-Handed and Reversible
- For 1-3/8" to 1-3/4" (35 to 44.5 mm) Thick Doors
- Now Available With 6-Pin or 7-Pin SFIC Core Format
- New Finishes Available



7-Pin SFIC Core

Constantly attentive to our customer's needs and requests, we have expanded our Commercial Door Hardware line to include these popular CRL Commercial Cylindrical and Mortise Lever Locks. Our Lever Lock Door Hardware brings a contemporary look to commercial doors. Made of high-grade materials and ruggedly constructed, they will bring years of reliable function and modern beauty to your projects.

INTERIOR	EXTERIOR	FUNCTION ANSI NUMBER	FUNCTION DESCRIPTION
		Entrance F 109	Pushing inside button locks outside trim, requiring key to unlock. Pushing and twisting button locks outside lever and always requires a key to unlatch. Inside lever always allows free egress.
		Storeroom F 86	Outside lever always locked. Key unlatches only. Inside lever always allows free egress.
		Passage F 75	Both levers are always free.
		Privacy F 76	Push button locking from inside. Lock can be opened from outside with narrow flat head screwdriver or by rotating inside lever.
		Entrance F 20	Latchbolt operated by lever from either side, except when outside lever is made inoperative by push button rocker. Deadbolt projected by key from outside and by thumbturn from inside. Deadbolt retracted by key from outside. Both bolts retracted by inside lever with simultaneous retraction.

CRL Cylindrical Lever Lock Code Compliances

- ANSI A156.2 Grade 1. UL10C and UBC 7.2 for Positive Pressure
- ANSI A117.1 and A.D.A. for Barrier-Free Accessibility
- C-UBC California Amended Uniform Builders Code – 2001
- NFPA-80 National Fire Protection - 1999
- NFPA101 National Fire Protection - Life Safety - 2000



CRL Mortise Lever Lock Code Compliances

- ANSI A156.13 Series 1000 Grade 1 Listed. UL10C and UBC 7.2 for Positive Pressure
- ANSI A117.1 and A.D.A. for Barrier-Free Accessibility
- C-UBC California Amended Uniform Builders Code – 2001
- NFPA-80 National Fire Protection - 1999
- NFPA101 National Fire Protection - Life Safety - 2000

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also e-mail us through our web site at crlaurence.com.

From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.

CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Entrance

- Clutch Feature
- 3 Year Warranty
- ANSI A156.2 Grade 1 and 2
- UL Listed

These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed, reversible, and have a clutch feature that disengages the outer lever when the latch is locked. This prevents latch failure when excessive torque is applied to the outer lever in an attempt to force entry.

These Locksets are UL Listed with a 3-hour fire rating, and fit door thicknesses from 1-3/8" to 1-3/4" (35 to 45 mm) with a 2-3/4" (70 mm) backset. Available with either a Schlage 'C' 6-pin keyway or a 7-pin Small Format Interchangeable Core (SFIC) and an ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike.

NOTE: Locksets are keyed differently.

GRADE 1

SCHLAGE 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D50ENT	D52ENT	Brushed Chrome
D50ENTCH	D52ENTCH	Polished Chrome
D50ENTBN	D52ENTBN	Brushed Nickel
D50ENTPB	D52ENTPB	Polished Brass
D50ENTORB	D52ENTORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

SCHLAGE 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D55ENT	D57ENT	Brushed Chrome
D55ENTCH	D57ENTCH	Polished Chrome
D55ENTBN	D57ENTBN	Brushed Nickel
D55ENTPB	D57ENTPB	Polished Brass
D55ENTORB	D57ENTORB	Oil Rubbed Bronze

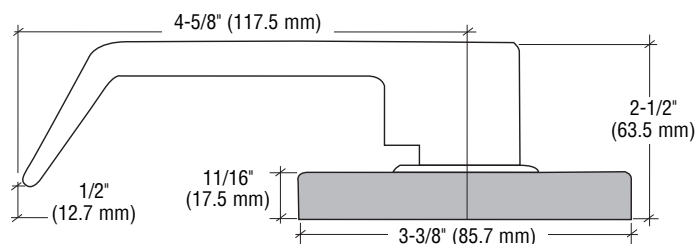
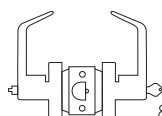
Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



Schlage 'C' 6-Pin Keyway



7-Pin SFIC Keyway



CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Storeroom

- Clutch Feature
- 3 Year Warranty
- ANSI A156.2 Grade 1 and 2
- UL Listed

These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed, reversible, and have a clutch feature that disengages the outer lever when the latch is locked. This prevents latch failure when excessive torque is applied to the outer lever in an attempt to force entry.

These Locksets are UL Listed with a 3-hour fire rating, and fit door thicknesses from 1-3/8" to 1-3/4" (35 to 45 mm) with a 2-3/4" (70 mm) backset. Available with either a Schlage 'C' 6-pin keyway or a 7-pin Small Format Interchangeable Core (SFIC) and an ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike.

NOTE: Locksets are keyed differently.

GRADE 1

SCHLAGE 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D70STR	D72STR	Brushed Chrome
D70STRCH	D72STRCH	Polished Chrome
D70STRBN	D72STRBN	Brushed Nickel
D70STRPB	D72STRPB	Polished Brass
D70STRORB	D72STRORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

SCHLAGE 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D75STR	D77STR	Brushed Chrome
D75STRCH	D77STRCH	Polished Chrome
D75STRBN	D77STRBN	Brushed Nickel
D75STRPB	D77STRPB	Polished Brass
D75STRORB	D77STRORB	Oil Rubbed Bronze

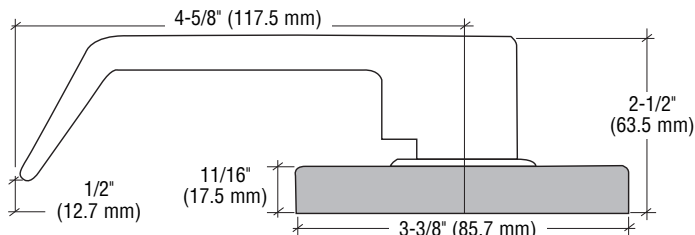
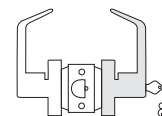
Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



Schlage 'C' 6-Pin Keyway



7-Pin SFIC Keyway



CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Passage

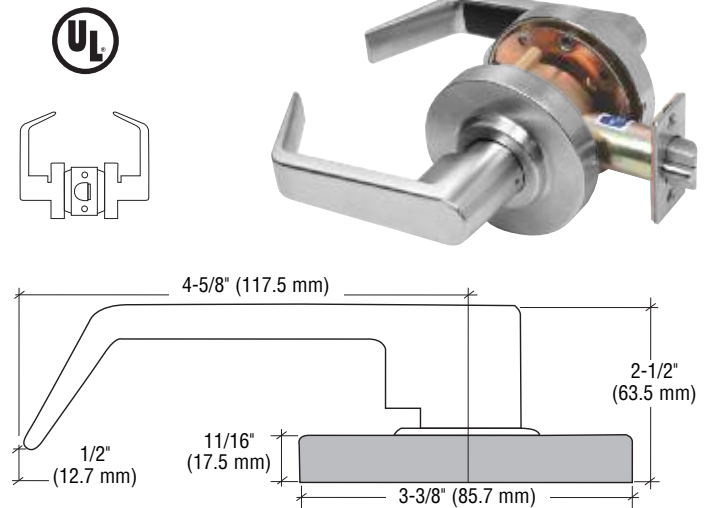
- 3 Year Warranty
- ANSI A156.2 Grade 1 and 2
- UL Listed

These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed and reversible. These Locksets are UL Listed with a 3-hour fire rating, and fit door thicknesses from 1-3/8" to 1-3/4" (35 to 45 mm) with a 2-3/4" (70 mm) backset. An ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike is included.

GRADE 1		GRADE 2	
CAT. NO.	FINISH	CAT. NO.	FINISH
D10PASS	Brushed Chrome	D15PASS	Brushed Chrome
D10PASSCH	Polished Chrome	D15PASSCH	Polished Chrome
D10PASSBN	Brushed Nickel	D15PASSBN	Brushed Nickel
D10PASSPB	Polished Brass	D15PASSPB	Polished Brass
D10PASSORB	Oil Rubbed Bronze	D15PASSORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Privacy

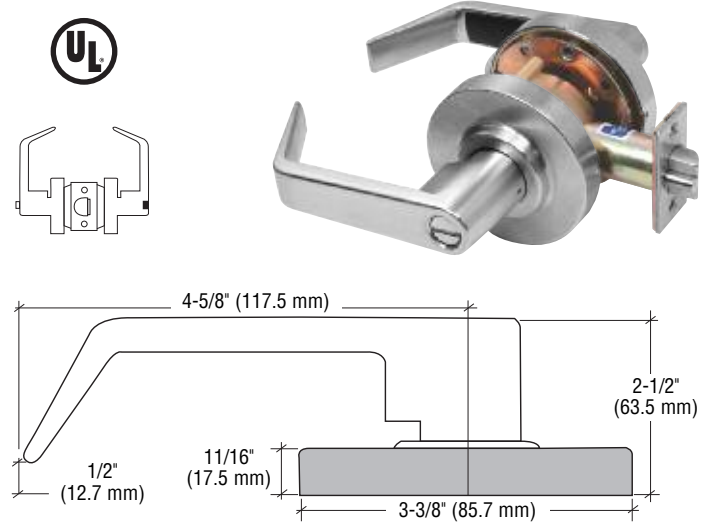
- Clutch Feature
- ANSI A156.2 Grade 1 and 2
- UL Listed

These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed and reversible. These Locksets are UL Listed with a 3-hour fire rating, and fit door thicknesses from 1-3/8" to 1-3/4" (35 to 45 mm) with a 2-3/4" (70 mm) backset. An ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike is included.

GRADE 1		GRADE 2	
CAT. NO.	FINISH	CAT. NO.	FINISH
D40PRV	Brushed Chrome	D45PRV	Brushed Chrome
D40PRVCH	Polished Chrome	D45PRVCH	Polished Chrome
D40PRVBN	Brushed Nickel	D45PRVBN	Brushed Nickel
D40PRVPB	Polished Brass	D45PRVPB	Polished Brass
D40PRVORB	Oil Rubbed Bronze	D45PRVORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



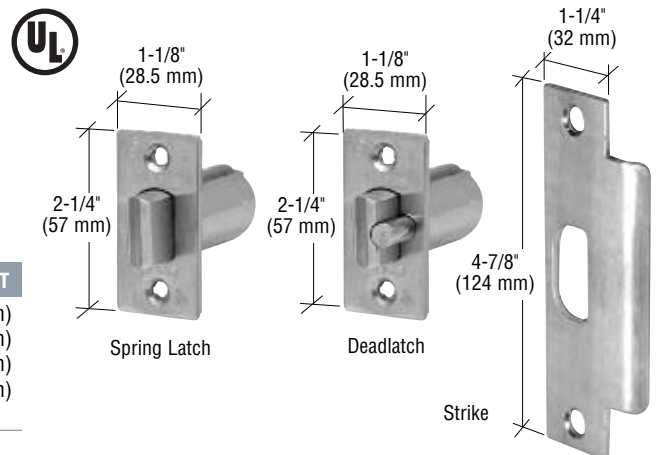
CRL Deadlatches, Spring Latches, and Strikes for Lever Locks

- Non-Handed and Reversible
- ANSI A156.2 Grade 1 and 2
- UL Listed

CRL Deadlatches and Spring Latches are made for 2-3/8" (60.3 mm) or 2-3/4" (70 mm) backsets. Both Latches and Strikes are designed to work with the CRL Lever Locksets shown above. One per package.

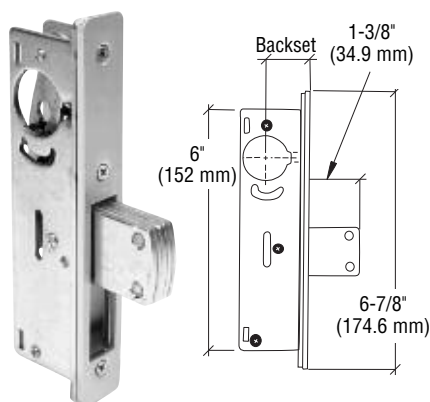
CAT. NO.	FUNCTION	BACKSET
DL238*	Deadlatch	2-3/8" (60.3 mm)
DL234	Deadlatch	2-3/4" (70 mm)
SL238	Spring Latch	2-3/8" (60.3 mm)
SL234	Spring Latch	2-3/4" (70 mm)
PLK1ASA	Strike	-----

Minimum order: 1 each. Deadlatches, Spring Latches, and Strikes can be combined for quantity pricing. *ANSI Grade 2.



CRL Long Throw Deadlocks

- 1-3/8" (34.9 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (24.6 or 28.6 mm)
- Throw Bolt Made of 5-Ply Laminated Steel With Center 3-Ply Hardened Case Plus Hardened Roller Pin to Resist Hacksaw
- Lock Accepts Standard 1-5/32" (29.4 mm) Diameter Mortise Key or Thumbturn Cylinders With AR MS-Type Cam
- Faceplate (Optional)

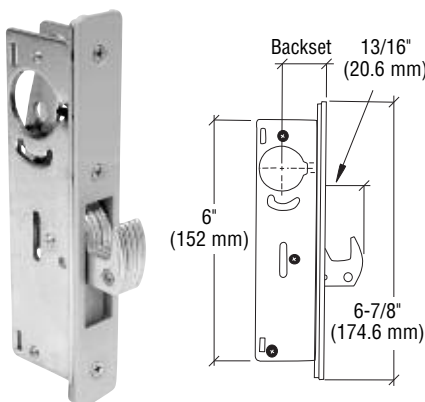


CAT. NO.	BACKSET	HANDED
DL2110A	31/32" (24.6 mm)	Non-Handed
DL2110B	1-1/8" (28.6 mm)	Non-Handed

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing.

CRL Hook Throw Deadlocks

- 13/16" (20.6 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (24.6 or 28.6 mm)
- Throw Bolt Made of 5-Ply Laminated Steel With Center 3-Ply Hardened Case Plus Hardened Roller Pin to Resist Hacksaw
- Lock Accepts Standard 1-5/32" (29.4 mm) Diameter Mortise Key or Thumbturn Cylinders With AR MS-Type Cam
- Faceplate (Optional)

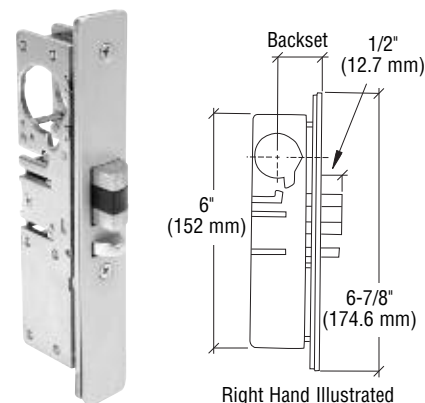


CAT. NO.	BACKSET	HANDED
DL2130A	31/32" (24.6 mm)	Non-Handed
DL2130B	1-1/8" (28.6 mm)	Non-Handed

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing.

CRL Deadlatch Locks

- 1/2" (12.7 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (24.6 or 28.6 mm)
- Field Reversible for Opposite Hand
- Key Controlled Dogging
- Lock Accepts Standard 1-5/32" (29.4 mm) Diameter Mortise Key or Thumbturn Cylinders With AR MS-Type Cam
- Faceplate and Strike (Optional)



CAT. NO.	BACKSET	HANDED*
DL2140ALH	31/32" (24.6 mm)	Left
DL2140ARH	31/32" (24.6 mm)	Right
DL2140BLH	1-1/8" (28.6 mm)	Left
DL2140BRH	1-1/8" (28.6 mm)	Right

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. * See page 781W for Handing Chart.

CRL Optional Faceplates

- For Use With All Deadlocks and Deadlatch Locks Above
- All Faceplates Measure 1" x 6-7/8" (25.4 x 174.6 mm)



For DL2110 Series Long Throw Deadlocks



For DL2130 Series Hook Throw Deadlocks



For DL2140 Series Deadlatch Locks

Faceplate Styles



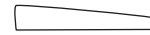
Flat



Radius



Radius Weatherstripped



Left Hand Beveled *



Right Hand Beveled *

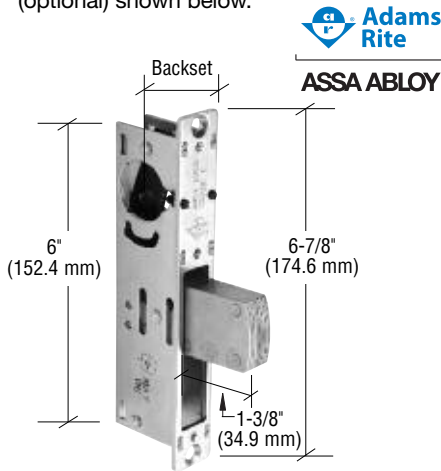
LOCK SERIES	FINISH	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
DL2110	Aluminum	DL2111A	DL2112A	DL2113A	DL2114A	DL2115A
DL2110	Dark Bronze	DL2111DU	DL2112DU	DL2113DU	DL2114DU	DL2115DU
DL2130	Aluminum	DL2131A	DL2132A	DL2133A	DL2134A	DL2135A
DL2130	Dark Bronze	DL2131DU	DL2132DU	DL2133DU	DL2134DU	DL2135DU
DL2140	Aluminum	DL2141A	DL2142A	DL2143A	DL2144A	DL2145A
DL2140	Dark Bronze	DL2141DU	DL2142DU	DL2143DU	DL2144DU	DL2145DU

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. * See page 781W for Handing Chart.

CRL Adams Rite Long Throw Deadlocks

- 1-3/8" (34.9 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (24.6 or 28.6 mm)

Throw bolt made of 8-ply laminated stainless steel. Center ply has alumina-ceramic core to defeat any hacksaw attack, including rod-type "super hacksaws". Lock accepts standard 1-5/32" (29.4 mm) diameter mortise key or thumbturn cylinders with AR MS-Type Cam. Faceplates (optional) shown below.



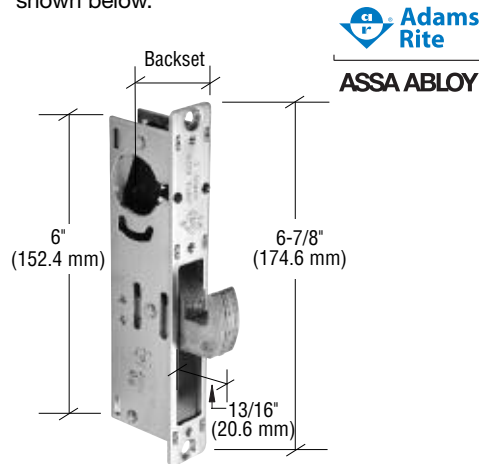
CAT. NO.	BACKSET	HANDED
MS18532	31/32" (24.6 mm)	Non-Handed
MS18533	1-1/8" (28.6 mm)	Non-Handed

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. Faceplates sold separately.

CRL Adams Rite Hook Throw Deadlocks

- 13/16" (20.6 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (24.6 or 28.6 mm)

Throw bolt made of 8-ply laminated stainless steel. Center ply has alumina-ceramic core to defeat any hacksaw attack, including "super hacksaws". Hook shape repels prybar attempts. Lock accepts standard 1-5/32" (29.4 mm) diameter mortise key or thumbturn cylinders with AR MS-Type Cam. Faceplates (optional) shown below.



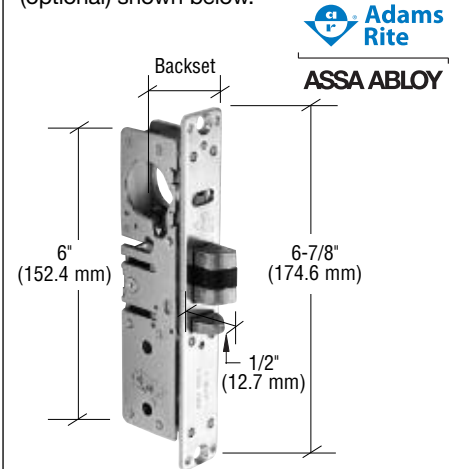
CAT. NO.	BACKSET	HANDED
MS1853H2	31/32" (24.6 mm)	Non-Handed
MS1853H3	1-1/8" (28.6 mm)	Non-Handed

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. Faceplates sold separately.

CRL Adams Rite Deadlatch Locks

- 1/2" (12.7 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (24.6 or 28.6 mm)

Field reversible for opposite hand. Key-controlled dogging. Lock accepts standard 1-5/32" (29.4 mm) diameter mortise key or thumbturn cylinders with AR MS-Type Cam. Faceplates (optional) shown below.



CAT. NO.	BACKSET	HANDED*
AR45132L	31/32" (24.6 mm)	Left
AR45132R	31/32" (24.6 mm)	Right
AR45133L	1-1/8" (28.6 mm)	Left
AR45133R	1-1/8" (28.6 mm)	Right

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. * See page 781W for Handing Chart. Faceplates sold separately.

CRL Adams Rite Optional Faceplates

- For Use With All Deadlocks and Deadlatch Locks Above
- All Faceplates Measure 1" x 6-7/8" (25.4 x 174.6 mm)



For MS1853 Series Long Throw Deadlocks



Faceplate Styles



For MS1853H Series Hook Throw Deadlocks



Flat



Radius



For AR4513 Series Deadlatch Locks



Left Hand Beveled*



Right Hand Beveled*

LOCK SERIES	FINISH	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
MS1853	Aluminum	18010AL	18110AL	18210AL	18310AL
MS1853	Dark Bronze	18010DU	18110DU	18210DU	18310DU
MS1853H	Aluminum	18020AL	18120AL	18220AL	18320AL
MS1853H	Dark Bronze	18020DU	18120DU	18220DU	18320DU
AR4513	Aluminum	450220AL	451220AL	452220AL	453220AL
AR4513	Dark Bronze	450220DU	451220DU	452220DU	453220DU

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. * See page 781W for Handing Chart.

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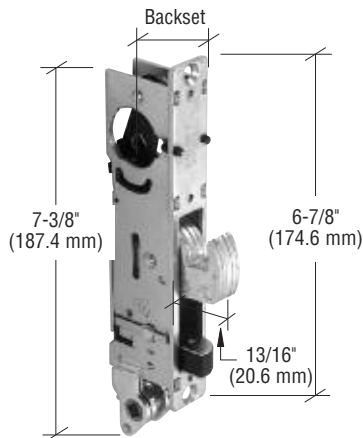
CRL Adams Rite Hook Throw Deadbolt/Latch

- 13/16" (20.6 mm) Throw
- Cylinder Backset: 1-1/8" (28.6 mm)

new

Throw bolt made of 5-ply laminated stainless steel. Center ply has alumina-ceramic core to defeat any hacksaw attack, including "super hacksaws". Hook shape repels prybar attempts. Lock accepts standard 1-5/32" (29.4 mm) diameter mortise key or thumbturn cylinders with AR MS-Type Cam. Typical installation is a bank or store requiring three modes of door control:

1. Both lock and latch bolts retracted for unrestricted entry and exit during business hours.
2. Handle-operated latch for exit-only traffic just after closing.
3. Maximum security hookbolt for overnight lockup.

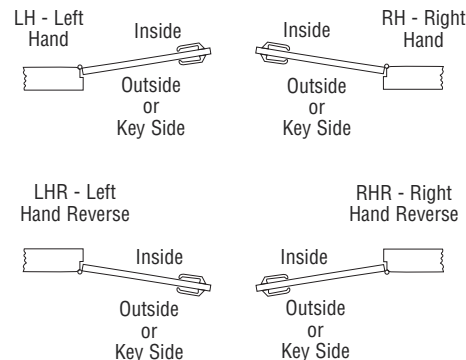


CAT. NO.	BACKSET	HANDED
DH18900L	1-1/8" (28.6 mm)	Left
DH18900R	1-1/8" (28.6 mm)	Right

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. Faceplates sold separately.



Door Handing is Determined from Outside or Key (Secure) Side of the Door.

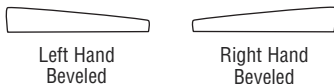


CRL Adams Rite Optional Faceplates

- For Use With Deadbolt/Latch Locks Above
- All Faceplates Measure 1" x 6-7/8" (25 x 174.6 mm)



Faceplate Styles



For Offset Hung Single Door



CAT. NO.	CAT. NO.	FINISH	LOCK SERIES
DH19111L	DH19111R	Aluminum	DH18900
DH19122L	DH19122R	Dark Bronze	DH18900

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing.



For Center Hung Single Door



CAT. NO.	FINISH	LOCK SERIES
DH19211	Aluminum	DH18900
DH19222	Dark Bronze	DH18900

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing.

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CRL Frame Lock Strikes for Adams Rite Hook Throw Deadbolt/Latch Series DB18900

- Four Models Available
- Brushed Stainless Steel
- Includes Dust Box and Mounting Screws

new



Lock Strike for inactive door stile.

CAT. NO. DH19400
Minimum order: 1 each.

Lock Strike for center hung door 4" frame.

CAT. NO. DH19500
Minimum order: 1 each.

Lock Strike for center hung door 4-1/2" frame.

CAT. NO. DH19600
Minimum order: 1 each.

Lock Strike for offset hung door frame.

CAT. NO. DH19300
Minimum order: 1 each.

CRL Frame Lock Strikes for Deadbolt/Latch Series DL2140 and AR4513

- Four Models Available
- Brushed Stainless Steel
- Includes Dust Box and Mounting Screws

new



Lock Strike for offset hung door frame.

CAT. NO. DH02800
Minimum order: 1 each.

Lock Strike for center hung door 4" frame.

CAT. NO. DH12700
Minimum order: 1 each.

Lock Strike for center hung door 4-1/2" frame.

CAT. NO. DH12600
Minimum order: 1 each.

Lock Strike for inactive door stile.

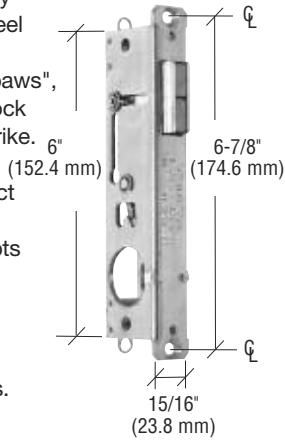
CAT. NO. DH12800
Minimum order: 1 each.

CRL Straight Throw Deadlock

- 1-1/8" (28.6 mm) Throw and Backset

Straight Throw Deadlock has a stamped steel body and a hardened steel throw bolt with expanding "Lock paws", which expand to lock the bolt into the strike. "Lock paws" automatically retract when the bolt is unlocked. Accepts standard 1-5/32" (29.4 mm) mortise key or thumbturn cylinders having AR MS-Type Cams. One per package.

NOTE: Faceplate is no longer available.



CAT. NO.	BACKSET	HANDED
J4504	1-1/8" (28.6 mm)	Non-Handed

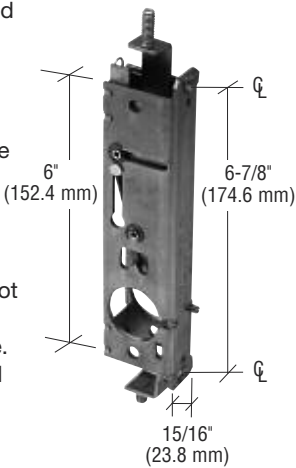
Minimum order: 1 pack. All Deadlock Latches can be combined for quantity pricing.

CRL Two-Point Deadlock

- Two-Point Header and Threshold Lock

Two-Point Deadlocks for use with threshold and header bolts. Stamped steel body accepts standard 1-5/32" (29.4 mm) mortise key or thumbturn cylinders having AR MS-Type Cams. This Deadlock does not use a faceplate. One per package.

NOTE: Threshold and header bolts are no longer available.

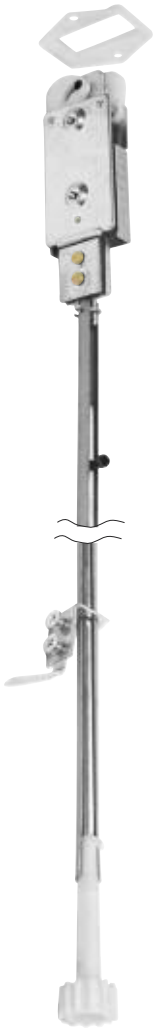


CAT. NO.	HANDED
J4505	Non-Handed

Minimum order: 1 pack. All Deadlock Latches can be combined for quantity pricing.

CRL Header Bolt Kit

- 5/8" (15.9 mm) Throw Expanding Top Bolt
- Inactive Door Lock



Our DL2240 Series Header Bolt is designed to add a top-door locking point in the inactive door. This bolt is activated when the DL2110B or MS18533 Latch is locked. As the throw bolt locks into the inactive door, it lifts the adjustable nylon rod end causing the Header Bolt to lift and expand its pawls in the head, which centers the bolt into the header. One per package.

CAT. NO.	CYLINDER CENTERLINE TO TOP OF DOOR
DL2240A	30-1/2" to 50" (775 to 1270 mm)
DL2240B	55-5/8" to 77-1/2" (1413 to 1969 mm)
DL2240C	67" to 89" (1702 to 2261 mm)

Minimum order: 1 each. All Header Bolts and Latches can be combined for quantity pricing.

CRL Adams Rite Header Bolt Kit

- Expanding Top Bolt
- Inactive Door Lock



This Header Bolt fits the following door to cylinder height combinations:

DOOR HEIGHT	CYLINDER HEIGHT
84" or LESS (2134 mm)	32" to 53" (813 to 1346 mm)
85" to 90" (2159 to 2286 mm)	38" to 59" (965 to 1499 mm)
91" to 96" (2311 to 2438 mm)	44" to 64" (1118 to 1626 mm)

The CRL Adams Rite 4085 Header Bolt is designed to add a top-of-door locking point for the inactive leaf of a pair of doors when used with the DL2110B or MS18533 Long Throw Deadlock. This Bolt, when triggered by the pivoted MS Bolt, expands in a "scissors" action to center itself in its strike as it rises. One per package.

CAT. NO.	CYLINDER HEIGHT
AR4085	32" to 64" (813 to 1626 mm)

Minimum order: 1 each. All Header Bolts and Latches can be combined for quantity pricing.

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CRL Adams Rite Header Bolt Kit



- For Use With 1-1/8" (28.6 mm) Backset Deadbolts

The AR4016 Series Header Bolt Kit is designed to add a top-of-door locking point for pairs of doors in the active leaf. Use with MS18533 Deadlocks. Designed for use on 84" (2134 mm) tall doors which have the cylinder location no lower than 35" (889 mm) from the floor. One per package. Minimum order is one each.

NOTE: Adams Rite Header Bolt Kit will not work with our DL Series Locks.

CAT. NO. AR4016

All Bolt Kits can be combined for quantity pricing.



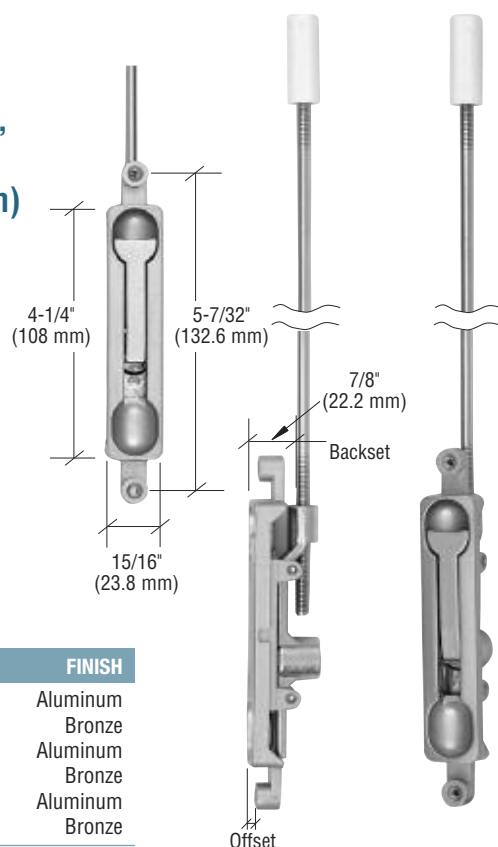
CRL Flush Bolts

- Radiused Face With 1/8", 3/16" or 1/4" (3.2, 4.8, or 6.4 mm) Offsets
- Rod Length for 12" (305 mm) Face Centerline Installation
- 7/8" (22.2 mm) Backset
- 5/8" (15.9 mm) Throw

These Flush Bolts are designed to work on any radius faced narrow stile aluminum door. Intended to securely lock an inactive door. Three different offsets are available in aluminum or bronze finishes. A Nylon Flush Bolt Guide is included. One per package.

CAT. NO.	OFFSET	FINISH
DL2210A18	1/8" (3.2 mm)	Aluminum
DL2210DU18	1/8" (3.2 mm)	Bronze
DL2210A316	3/16" (4.8 mm)	Aluminum
DL2210DU316	3/16" (4.8 mm)	Bronze
DL2210A14	1/4" (6.4 mm)	Aluminum
DL2210DU14	1/4" (6.4 mm)	Bronze

Minimum order: 1 each. All Flush Bolts can be combined for quantity pricing.



CRL Adams Rite Threshold Bolt Kit



- Provides Two-Point Security

The AR4015 Series Threshold Bolt Kit is designed to add a bottom-of-door locking point for pairs of doors in the active leaf. Use with either the DL2110, DL2130 or MS18533 Series Deadlocks. Designed for use on doors with a maximum cylinder height of 53-7/16" (1357 mm) from the floor. The threshold bolt can be cut for shorter applications.

CAT. NO.	CYLINDER HEIGHT
AR4015	Up to 53-7/16" (1357 mm)

Minimum order: 1 each. All Bolt Kits can be combined for quantity pricing.



CRL Threshold Bolt Kits

- 11/16" (17.4 mm) Bolt Throw

Adding the CRL Threshold Bolt Kit to a DL2210, DL2130, or MS18533 Series Deadlock allows maximum security for pairs of doors by dropping a hardened steel hex bolt into the threshold while simultaneously pivoting the Deadlock Throw Bolt into the mating door's stile. Available in two sizes.

CAT. NO.	CYLINDER HEIGHT
DL2230	34" to 37" (863 to 940 mm)
DL2231	Up to 53-7/16" (1357 mm)

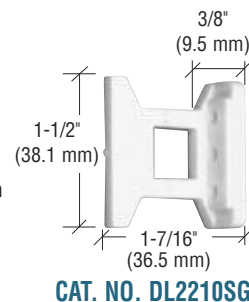
Minimum order: 1 package. All Bolt Kits can be combined for quantity pricing.



CRL Flush Bolt Nylon Guides

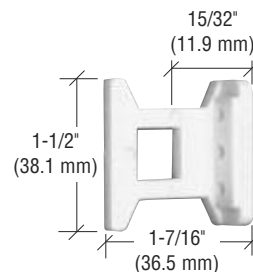
- Works With DL2210 Series Flush Bolts

CRL Standard Flush Bolt Nylon Guide. One per package. Minimum order is one each.



CAT. NO. DL2210SG

CRL Extended Hole Flush Bolt Nylon Guide. One per package. Minimum order is one each.



CAT. NO. DL2210EG

CRL Universal Push-Pull Paddles

- Field Reversible for Left or Right Hand Installations
- Fits DL2140 Series, Adams Rite, S. Parker, I.D.C., Global, and Primeline Deadlatches
- Available in Six Finishes



Cam Plug Included

Push to the Right Paddle Shown

The Universal Push-Pull Paddle comes with cartridges which allow it to be applied to push or pull, left or right handed doors. It fits deadlatches with backsets from 7/8" (22.2 mm) to 1-1/2" (38.1 mm). Simple to follow instructions allow field reversal to meet your needs. Comes complete with cam plug, push and pull indicators, mounting screws, templates and directions. Measures approximately 5" x 4" (127 x 102 mm). Buying the paddle to meet your specifications from the chart below eliminates disassembling and reassembling internal parts. One per package.

OPERATION	CAT. NO.	OPERATION	FINISH
Pull to Left	DL2161 Series	Pull Left/Push Right	Aluminum
Push to Left	DL2162 Series	Pull Left/Push Right	Bronze
Pull to Right	DL2163 Series	Pull Left/Push Right	Brass
Push to Right	DL2164 Series	Pull Left/Push Right	Chrome
		Pull Left/Push Right	Brushed Nickel
		Pull Left/Push Right	Satin Chrome
		Push Left/Pull Right	Aluminum
		Push Left/Pull Right	Bronze
		Push Left/Pull Right	Brass
		Push Left/Pull Right	Chrome
		Push Left/Pull Right	Brushed Nickel
		Push Left/Pull Right	Satin Chrome
		Pull Right/Push Left	Aluminum
		Pull Right/Push Left	Bronze
		Pull Right/Push Left	Aluminum
		Pull Right/Push Left	Bronze

Minimum order: 1 each. All Paddles and Lever Handles can be combined for quantity pricing.

CRL Cam Plug

- For Use With Push-Pull and Lever Handles
- Non-Handed, Reversible

The Cam Plug works with DL2160 Series Paddles, DL2150, and DH569 Series Lever Handles. Interfaces with all CRL Deadlatches. One per package. Minimum order is one each.



CAT. NO. DL2165

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CRL Lever Handles

- Field Reversible for Left or Right Hand Installations
- Fits DL2140 Series, Adams Rite, S. Parker, I.D.C., Global, and Primeline Deadlatches
- Available in Six Finishes



Cam Plug Included

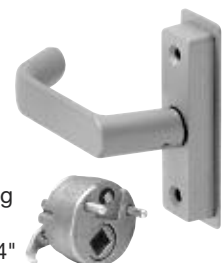
Turning lever downward will activate deadlatch. Heavy-duty spring will return the lever automatically to fully horizontal position. The escutcheon is 1-3/8" x 4" (35 x 102 mm), with a 1/4" (6.3 mm) square hardened spindle that interlocks in the cam plug. One per package.

CAT. NO.	HANDING	FINISH
DL2150LHA	Left	Aluminum
DL2150LHBN	Left	Brushed Nickel
DL2150LHBR	Left	Brass
DL2150LHCH	Left	Chrome
DL2150LHCU	Left	Bronze
DL2150LHSC	Left	Satin Chrome
DL2150RHA	Right	Aluminum
DL2150RHBN	Right	Brushed Nickel
DL2150RHBR	Right	Brass
DL2150RHCH	Right	Chrome
DL2150RHCU	Right	Bronze
DL2150RHSC	Right	Satin Chrome

Minimum order: 1 each. All Paddles and Lever Handles can be combined for quantity pricing.

CRL Adams Rite Lever Handles

- Anti-Snag Lever Handle
- Field Reversible for Right or Left Hand Installations
- Fits DL2140 Series, AR4513 Series, and DH189 Series Locks
- Available in Three Finishes



Cam Plug Included

The handle is designed with a modern touch of elegance featuring a anti-snag returned lever handle adapted for all storefront doors 1-3/4" (44 mm) thick. Rehandling in the field is easily accomplished.

CAT. NO.	HANDING	FINISH
DH56911L	Left	Clear
DH56922L	Left	Bronze
DH56925L	Left	Champagne
DH56911R	Right	Clear
DH56922R	Right	Bronze
DH56925R	Right	Champagne

Minimum order: 1 each. All Paddles and Lever Handles can be combined for quantity pricing.

CRL Small Format Interchangeable Cores (SFIC) and Housings

CRL Small Format Interchangeable Cores (SFIC)

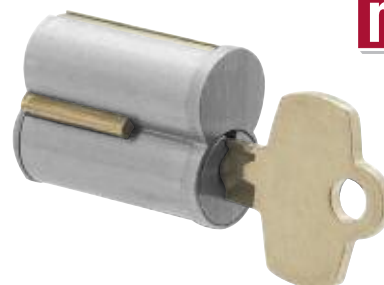
- Works With CRL Locking Ladder Pulls, Wedge-Lock™ Door Rails, 4" x 10" and 6" x 10" Center Locks, and CRL Panic and Deadbolt Devices
- 7-Pin Type Core
- Brushed Nickel Finish
- Available in 10 Different Key Configurations
- Master Keying Available on Special Order

CRL now stocks 7-Pin Small Format Interchangeable Cores (SFIC) to provide easy key control among end users on many of our products, as well as on Best, Falcon, Schlage, etc. interchangeable core systems. CRL 7-Pin Cores are the perfect choice for end users that want key control in SFIC hardware applications. CRL Interchangeable Cores can be easily extracted from their housings via a special 'control key' for easy replacement or re-keying.

CAT. NO.	KEY NUMBER	CAT. NO.	KEY NUMBER
1C01	1	1C06	6
1C02	2	1C07	7
1C03	3	1C08	8
1C04	4	1C09	9
1C05	5	1C10	10

Minimum order: 1 each. All SFIC Cores can be combined for quantity pricing.

Minimum order: 1 each. All SFIC Cores can be combined for quantity pricing.



ORDERING INFORMATION:

- Each Core comes with one Control Key and two Operate Keys.
- Mortise or Rim Cylinder Housings not included and must be ordered separately if needed (see below).
- Not compatible with larger 'removable' core systems.
- When used with CRL Low Profile Wedge-Lock™ Door Rails an additional DRA256 Series Cylinder Ring must be ordered separately.

CRL Mortise and Rim Cylinder Housings for Small Format Interchangeable Cores (SFIC)

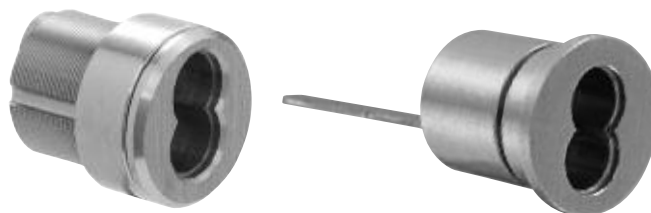
- Compatible With Any 7-Pin SFIC Type Core
- Available in Five Architectural Finishes

CRL Mortise Housings for 7-Pin Small Format Interchangeable Cores (SFIC) are used to replace any of our Mortise Keyed Cylinders with an 'interchangeable core' system. Easily convert any of our Door Rails with locks, 4" x 10" and 6" x 10" Center Locks, or Panic and Deadbolt Handles to an 'interchangeable' core system. Simply remove the existing mortise cylinder, choose the appropriate cam, and install the new Housing and Core. It's that easy!

CRL Rim Cylinder Housings for 7-Pin Small Format Interchangeable Cores (SFIC) come standard in our Locking Ladder Pulls featuring the interchangeable cylinder core option or can be used wherever these type cylinders are required. SFIC Core must be ordered separately (see above).

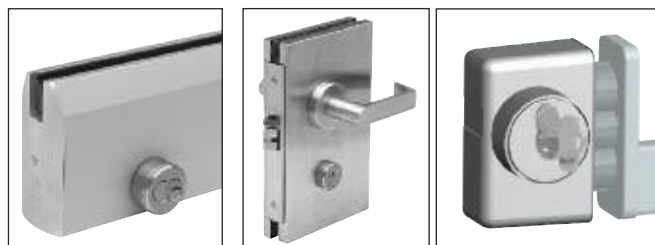
MORTISE HOUSING CAT. NO.	RIM CYL. HOUSING CAT. NO.	FINISH
1CHBS	2CHBS	Brushed Stainless
1CHDU	2CHDU	Black Bronze Anodized
1CHPB	2CHPB	Polished Brass
1CHPS	2CHPS	Polished Stainless
1CHSA	2CHSA	Satin Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing.



Mortise Housing

Rim Cylinder Housing



ORDERING INFORMATION:

- Each Mortise Housing comes with a 1/2" (12 mm) tall cylinder ring and one DRA10CAM (installed), one DRACAM, and one DRA610CAM for easy conversion.
- Not compatible with larger 'removable' core systems.
- When Mortise Housings are used with CRL Low Profile Wedge-Lock™ Door Rails an additional DRA256 Series Cylinder Ring must be ordered separately.
- SFIC Cores must be ordered separately (see above).

CRL Single Mortise Key Cylinder

- 1" Length 5-Pin Cylinder; 1-5/32" Diameter
- AR MS-Type Cam
- Available Keyed Alike or Differently in Two Keyway Configurations



The Single Mortise Key Cylinder comes with two keys in either Schlage "C" or Yale "8" keyway configurations. 1-5/32" (29.4 mm) diameter, 1" (25.4 mm) long 5-Pin Cylinder; AR MS – Type Cam; Core Face and Keys US26D. Die cast zinc construction. Includes a 3/16" (4.8 mm) cylinder ring. Other cylinder ring sizes and styles available (see pages 788W-789W). One per package.

CAT. NO.	KEYWAY	KEYED	FINISH
DL2170SCKDA	Schlage "C"	Different	Aluminum
DL2170SCKAA	Schlage "C"	Alike	Aluminum
DL2170SCKDDU	Schlage "C"	Different	Bronze
DL2170SCKADU	Schlage "C"	Alike	Bronze
DL2170Y8KDA	Yale "8"	Different	Aluminum
DL2170Y8KAA	Yale "8"	Alike	Aluminum
DL2170Y8KDDU	Yale "8"	Different	Bronze
DL2170Y8KADU	Yale "8"	Alike	Bronze

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

CRL Double Mortise Key Cylinder

- 1" Length 5-Pin Cylinder; 1-5/32" Diameter
- AR MS-Type Cam
- Available Keyed Alike or Differently in Two Keyway Configurations



Our Double Mortise Key Cylinder comes with two keys in either Schlage "C" or Yale "8" keyway configurations. 1-5/32" (29.4 mm) diameter, 1" (25.4 mm) long 5-Pin Cylinder; AR MS – Type Cam; Core Face and Keys US26D. Die cast zinc construction. Includes 3/16" (4.8 mm) cylinder rings. Other cylinder ring sizes and styles available (see pages 788W-789W). One pair per package.

CAT. NO.	KEYWAY	KEYED	FINISH
DL2171SCKDA	Schlage "C"	Different	Aluminum
DL2171SCKAA	Schlage "C"	Alike	Aluminum
DL2171SCKDDU	Schlage "C"	Different	Bronze
DL2171SCKADU	Schlage "C"	Alike	Bronze
DL2171Y8KDA	Yale "8"	Different	Aluminum
DL2171Y8KAA	Yale "8"	Alike	Aluminum
DL2171Y8KDDU	Yale "8"	Different	Bronze
DL2171Y8KADU	Yale "8"	Alike	Bronze

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

CRL Mortise Thumbturn Cylinder

- 1" Length 5-Pin Cylinder; 1-5/32" Diameter
- AR MS-Type Cam
- Activates Cylinder Lock Without a Key

The CRL Mortise Thumbturn Cylinder is used to activate the lock without the need for a key. 1-5/32" (29.4 mm) diameter, 1" (25.4 mm) long 5-Pin Cylinder. Die cast zinc construction. Includes a 3/16" (4.8 mm) cylinder ring. Other cylinder ring sizes and styles available (see pages 788W-789W). One per package.



CAT. NO.	FINISH
DL2172A	Aluminum Face with Aluminum Turn
DL2172DU	Bronze Face with Aluminum Turn
DL2178DU	Bronze Face with Bronze Turn

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

CRL Mortise Dummy Cylinder

- No Keyway or Cam
- Fills Abandoned Cylinder Holes

The Mortise Dummy Cylinder is used to fill in a cylinder hole that has been abandoned or is not going to be used. Available in aluminum or bronze finishes. 1-5/32" (29.4 mm) diameter, 7/8" (22.2 mm) long Cylinder. Die cast zinc construction. Includes a 3/16" (4.8 mm) thick cylinder ring. Other cylinder ring sizes and styles available (see pages 788W-789W). One per package.



CAT. NO.	FINISH
DL2173A	Aluminum
DL2173DU	Bronze

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

CRL Rim Key Cylinder

- Available Keyed Alike or Differently in Aluminum and Bronze Finishes
- 5-Pin Cylinder



This CRL Rim Cylinder comes with two keys in the Schlage "C" keyway configuration. Available keyed differently or alike in two different finishes. 1-7/8" (47.6 mm) breakaway screws and 1-1/4" (31.7 mm) breakaway spindle. One per package.

CAT. NO.	KEYED	FINISH
DL911SCKDA	Different	Aluminum
DL911SCKAA	Alike	Aluminum
DL911SCKDDU	Different	Bronze
DL911SCKADU	Alike	Bronze

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

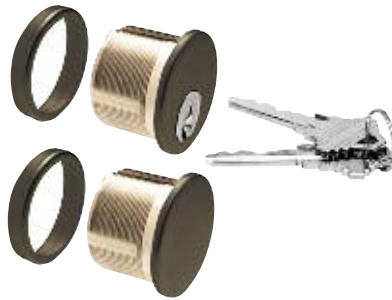
CRL Mortise Cylinder Combos

- Choose From Cylinder/Thumbturn, Cylinder/Dummy, or Thumbturn/Dummy Combinations
- Fit All Standard CRL Door Rails With Standard Bottom Rail Lock
- Can Be Used as Replacements for Most Other Manufacturer's Bottom Rail Locks
- Five Architectural Finishes

CRL Mortise Keyed Cylinders, Thumbturns, and Dummy Cylinders are now available in convenient combination sets, which makes ordering for jobs simple. These Mortise Keyed Cylinder Combos provide the ultimate security and functionality for the CRL Wedge-Lock™ Door Rail System. Used in conjunction with 777S and 777SL Door Rail Locks, 777SP Series Strike Plates, and AMR208 Series Dustproof Keepers. Installations and modifications are easy. Can also be used as replacements for most existing 'all-glass' doors. **NOTE:** All Cylinders are keyed alike. Randomly Keyed Cylinders are available on special order.



DRA1020
Cylinder/Thumbturn



DRA1030
Cylinder/Dummy



DRA2030
Thumbturn/Dummy

CYLINDER/THUMBTURN COMBO CAT. NO.	CYLINDER/DUMMY COMBO CAT. NO.	THUMBTURN/DUMMY COMBO CAT. NO.	FINISH
DRA1020SA	DRA1030SA	DRA2030SA	Satin Anodized
DRA1020DU	DRA1030DU	DRA2030DU	Bronze Anodized
DRA1020PS	DRA1030PS	DRA2030PS	Polished Stainless
DRA1020BS	DRA1030BS	DRA2030BS	Brushed Stainless
DRA1020PB	DRA1030PB	DRA2030PB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Mortise Cylinders, Thumbturns, and Dummy Cylinders

- Fit All Standard CRL Door Rails With Standard Bottom Rail Lock
- Can Be Used as Replacements for Most Other Manufacturer's Bottom Rail Locks
- Unique Low Profile Thumbturn

CRL Mortise Keyed Cylinders, Thumbturns, Low Profile Thumbturns, and Dummy Cylinders provide the ultimate security and functionality for the CRL Wedge-Lock™ Door Rail System. Used in conjunction with 777S and 777SL Door Rail Locks, 777SP Series Strike Plates, and AMR208 Series Dustproof Keepers. Installations and modifications are easy. Can also be used as replacements for most existing 'all-glass' doors. **NOTE:** Key Cylinders are available keyed alike or randomly, see chart below.



DRA10
Keyed Cylinder



DRA20
Thumbturn



DRA22
Low Profile Thumbturn



DRA30
Dummy Cylinder

KEYED ALIKE CYLINDER CAT. NO.	KEYED RANDOMLY CYLINDER CAT. NO.	THUMBTURN CAT. NO.	LOW PROFILE THUMBTURN CAT. NO.	DUMMY CYLINDER CAT. NO.	FINISH
DRA10SA	DRA10KDSA	DRA20SA	DRA22SA	DRA30SA	Satin Anodized
DRA10DU	DRA10KDDU	DRA20DU	DRA22DU	DRA30DU	Bronze Anodized
DRA10PS	DRA10KDPS	DRA20PS	DRA22PS	DRA30PS	Polished Stainless
DRA10BS	DRA10KDBS	DRA20BS	DRA22BS	DRA30BS	Brushed Stainless
DRA10PB	DRA10KDPB	DRA20PB	DRA22PB	DRA30PB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Mortise Cylinders and Thumbturns for 4" x 10" Center Lock Housings

- Replacement Cylinders and Thumbturns for All CRL 4" x 10" Center Lock Housings
- Will Work With Adams Rite MS Type Locks
- Five Architectural Finishes

These CRL Keyed Cylinders and Thumbturns are designed as replacements on all of our standard 4" x 10" Center Lock Housings. They can also be used as replacements in Adams Rite MS Type Locks. These are a good item to stock if you regularly work in the repair and maintenance of aluminum storefront doors. **NOTE:** All Cylinders are keyed alike. Randomly Keyed Cylinders are available on special order.



DRA50
Keyed Cylinder



DRA60
Thumbturn



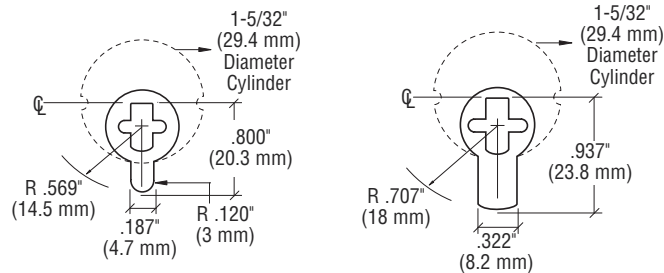
DRA5060
Cylinder/Thumbturn

KEYED CYLINDER CAT. NO.	THUMBTURN CAT. NO.	CYLINDER/THUMBTURN COMBO CAT. NO.	FINISH
DRA50SA	DRA60SA	DRA5060SA	Satin Anodized
DRA50DU	DRA60DU	DRA5060DU	Bronze Anodized
DRA50PS	DRA60PS	DRA5060PS	Polished Stainless
DRA50BS	DRA60BS	DRA5060BS	Brushed Stainless
DRA50PB	DRA60PB	DRA5060PB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Mortise Cylinder Cams

The DRACAM is a CRL Adams Rite style cam. The DRA10CAM is used on CRL Wedge-Lock™ Rail Systems requiring a longer cam. One per package. Minimum order is one each.



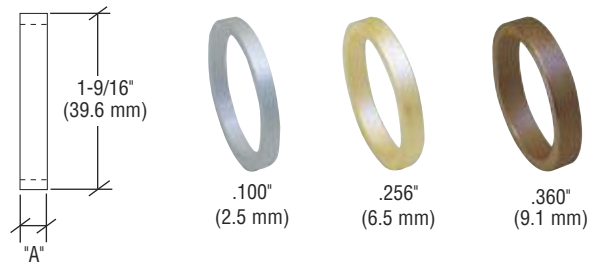
CAT. NO. DRACAM



CAT. NO. DRA10CAM

CRL DRA Series Straight Cylinder Rings

- Three Thicknesses to Choose From



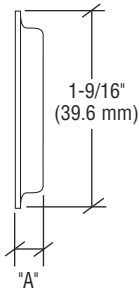
These CRL Mortise Cylinder Rings fit the DRA Series Cylinders shown above and on page 787W. One per package.

CAT. NO.	THICKNESS	FINISH
DRA100BS	.100" (2.5 mm)	Brushed Stainless
DRA100PB	.100" (2.5 mm)	Polished Brass
DRA100PS	.100" (2.5 mm)	Polished Stainless Clear
DRA100SA	.100" (2.5 mm)	Anodized
DRA256BS	.256" (6.5 mm)	Brushed Stainless
DRA256DU	.256" (6.5 mm)	Dark Bronze Anodized
DRA256PB	.256" (6.5 mm)	Polished Brass
DRA256PS	.256" (6.5 mm)	Polished Stainless
DRA256SA	.256" (6.5 mm)	Clear Anodized
DRA360BS	.360" (9.1 mm)	Brushed Stainless
DRA360DU	.360" (9.1 mm)	Dark Bronze Anodized
DRA360PB	.360" (9.1 mm)	Polished Brass
DRA360PS	.360" (9.1 mm)	Polished Stainless
DRA360SA	.360" (9.1 mm)	Clear Anodized

Minimum order: 1 each. All Cylinder Rings can be combined for quantity pricing.

CRL Flared Cylinder Rings

- For Spacing Mortise Key Cylinders



Flared Cylinder Rings are used to obtain proper cylinder depth so the locking cam and the lock mechanism align. Available in aluminum or bronze finishes. One per package.



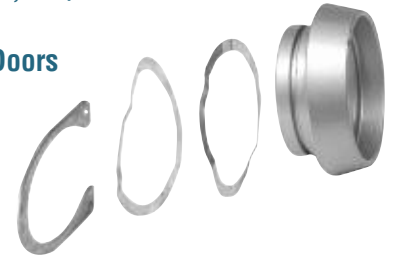
CAT. NO.	DIMENSION "A"	FINISH
DL2175AA	.157" (4.0 mm)	Aluminum
DL2175AB	.197" (5.0 mm)	Aluminum
DL2175DUA	.157" (4.0 mm)	Bronze
DL2175DUB	.197" (5.0 mm)	Bronze

Minimum order: 1 each. All Cylinder Rings can be combined for quantity pricing.

CRL Cylinder Guard

- Hardened Steel Security Ring
- Free Spinning Beveled Collar
- For Standard Face 5-Pin, 1-5/32" Mortise Key Cylinder
- For Use on Aluminum Doors

The beveled collar, free spinning, hardened steel Cylinder Guard is used to prevent the removal of the lock cylinder with pliers or a pipe wrench. Cylinder Guard is furnished with retaining clip and two spacers. Available in aluminum or bronze finishes. One per package.

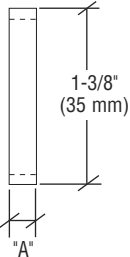


CAT. NO.	COLLAR HEIGHT	FINISH
DL2174A	3/8" (9.5 mm)	Aluminum
DL2174DU	3/8" (9.5 mm)	Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Straight Cylinder Rings

- For Spacing Mortise Key Cylinders



Straight Cylinder Rings are used to obtain proper cylinder depth so the locking cam and the lock mechanism align. Available in aluminum or bronze finishes in three thicknesses. One per package.



CAT. NO.	DIMENSION "A"	FINISH
DL2176AA	.157" (4.0 mm)	Aluminum
DL2176AB	.197" (5.0 mm)	Aluminum
DL2176AC	.256" (6.5 mm)	Aluminum
DL2176DUA	.157" (4.0 mm)	Bronze
DL2176DUB	.197" (5.0 mm)	Bronze
DL2176DUC	.256" (6.5 mm)	Bronze

Minimum order: 1 each. All Cylinder Rings can be combined for quantity pricing.

CRL Cylinder Mounting Pad

- For Mounting Mortise Cylinders
- Includes Locking Ring
- Two Finishes



Cylinder Mounting Pads are used with Standard Mortise Cylinders with a MS Type Cam on Concealed Vertical Rod Panic Devices to allow key access from outside. Available in aluminum or bronze finishes. One per package. Mounting screws included.

CAT. NO.	WIDTH	HEIGHT	FINISH
DL913A	1-11/16" (34 mm)	2-1/2" (63.5 mm)	Aluminum
DL913DU	1-11/16" (34 mm)	2-1/2" (63.5 mm)	Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Lock Indicator Set

- Use With CRL DL2100 Series Deadlocks and AR MS Series Deadlocks
- Up Position Shows OPEN in Green Letters, Down Position Shows LOCKED in Red Letters
- Includes 26" x 1-1/2" Header Sign



CAT. NO.	FINISH
DL2177A	Aluminum
DL2177DU	Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS

For use with CRL and AR MS deadlocks on aluminum doors. Vertical actuator slide on back is in the down position when Indicator reads "LOCKED". Includes one Lock Indicator and one Header Sign. Indicator is 1-5/16" (33 mm) wide x 2-3/16" (55.5 mm) tall. One per package.

CRL Inverted Lock Indicator Set

- Up Position Shows LOCKED in Red Letters, Down Position Shows OPEN in Green Letters
- Includes 26" x 1-1/2" Header Sign



CAT. NO.	FINISH
DL2187A	Aluminum
DL2187DU	Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS

For use with Deadlocks. Vertical actuator slide on back is in the up position when Indicator reads "LOCKED". Includes one Lock Indicator and one Header Sign. Indicator is 1-5/16" (33 mm) wide x 2-3/16" (55.5 mm) tall. One per package.

CRL Residential Flush Bolts

new

- 3/4" x 6" (19 x 152 mm) Round End
- 1" (25 mm) Throw
- 1/2" (12 mm) Bolt Head Diameter

This CRL Flush Bolt is made from solid cast brass. Used on inactive residential wood doors. Includes strike plate and screws.



CAT. NO.	FINISH	QTY/PKG
FB31310B	Antique Oil Rubbed Bronze	1
FB313DCHR	Satin Chrome	1
FB313DN	Dull Nickel	1
FB313PB	Polished Brass	1

Minimum order: 1 each.

CRL Manual Flush Bolts

- 1" x 6-3/4" (25 x 171 mm) Square End
- 3/4" (19 mm) Throw
- 1/2" (12 mm) Bolt Head Diameter

This CRL Manual Flush Bolt has a rod that adjusts from 10" to 11" (254 to 279 mm) in length. Made from cast brass and includes strike plates and screws.



new

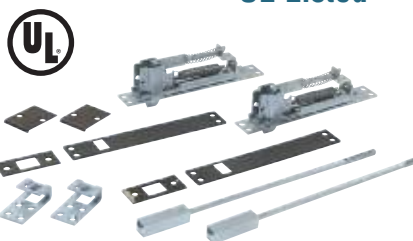
CAT. NO.	FINISH	QTY/PKG
FBM610B	Antique Oil Rubbed Bronze	1 Pair
FBM626D	Satin Chrome	1 Pair
FBM63	Polished Brass	1 Pair

Minimum order: 1 pair.

CRL Automatic Flush Bolts

- Top and Bottom Pair Per Pack
- 3/4" (19 mm) Backset
- 3/4" (19 mm) Throw
- UL Listed

The CRL Automatic Flush Bolts for pairs of Metal Doors are mounted to the top and bottom edge of the passive door. When the active door closes along side of the passive door, a spring loaded plunger is depressed, causing the upper and lower Flush Bolts to extend locking the passive door in the closed position until the active door is reopened. Made from heavy-duty stamped steel.



new

CAT. NO.	FINISH	QTY/PKG
FBA710B	Antique Oil Rubbed Bronze	1 Pair
FBA726D	Satin Chrome	1 Pair

Minimum order: 1 pair.

CRL Nylon Roller Catch With Strike

- Non-Handed and Reversible

CRL Nylon Roller Catch With Strike is made for standard size doors. It is non-handed and reversible.



new

CAT. NO.	FINISH	QTY/PKG
RL3210B	Antique Oil Rubbed Bronze	1
RL3226D	Satin Chrome	1

Minimum order: 1 each.

CRL Heavy-Duty Ball Catch

new

- All Steel Construction

This steel spring loaded Heavy-Duty Ball Catch has a 1" (25.4 mm) x 2-3/16" (56 mm) face plate. Mounting holes are 1-5/8" (41 mm) center-to-center. Complete with strike plate and flat head wood screws.



CAT. NO.	FINISH	QTY/PKG
103410B	Antique Oil Rubbed Bronze	1
1034DCHR	Satin Chrome	1
1034DN	Dull Nickel	1

Minimum order: 1 each.

CRL Drive-In Type Ball Catch

new

- Steel Construction
- 15/16" (24 mm) Diameter Hole Required

CRL Drive-In Type Ball Catches are designed to hold cabinet doors in the closed position. The spring loaded ball catch barrel is designed to be inserted into a 15/16" (23.8 mm) diameter bored hole to a minimum depth of 1-1/8" (29 mm). Catch includes a stamped steel strike plate.



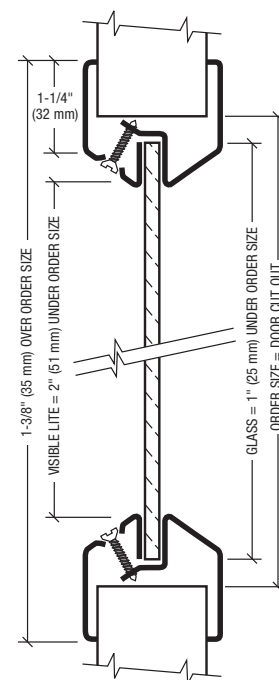
CAT. NO.	FINISH	QTY/PKG
103510B	Antique Oil Rubbed Bronze	1
1035DCHR	Satin Chrome	1
1035DN	Dull Nickel	1

Minimum order: 1 each.

CRL Door Vision Lites

- Beveled Vision Lite Frame Available in 12 Different Sizes
- Fire Rated
- Bronze Powder Coat Finish
- For Glazing Thickness of 3/16" to 1/4" (5 to 6 mm)
- Available With or Without Wire Glass

new



CRL's new Door Vision Lites are constructed from 20 gauge CRS bronze powder coated frames. They are designed for 1-3/4" (44 mm) thick doors in sizes from 5" x 35" (127 x 889 mm) to 24" x 60" (610 x 1524 mm). Vision Lites include mitered and welded corners, a continuous glass retainer, and countersunk mounting holes in the bevel on the non-corridor side. These Vision Lites are listed with both UL and WHI. Custom sizes and finishes are available upon request.

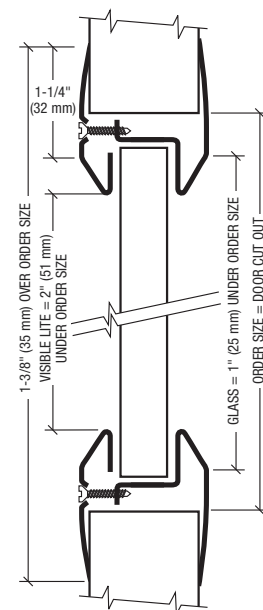
W/O GLASS CAT. NO.	WITH GLASS CAT. NO.	SIZE W X H	USES GLASS SIZE	EXPOSED GLASS
VLFEZ5X35	---	5" x 35" (127 x 889 mm)	4" x 34" (102 x 864 mm)	3" x 33" (76 x 838 mm)
VLFEZ6X27	VLFEZ6X27WS	6" x 27" (152 x 686 mm)	5" x 26" (127 x 660 mm)	4" x 25" (102 x 635 mm)
VLFEZ7X22	VLFEZ7X22WS	7" x 22" (178 x 559 mm)	6" x 21" (152 x 533 mm)	5" x 20" (127 x 508 mm)
VLFEZ7X31	---	7" x 31" (178 x 787 mm)	6" x 30" (152 x 762 mm)	5" x 29" (127 x 737 mm)
VLFEZ8X32	VLFEZ8X32WS	8" x 32" (203 x 813 mm)	7" x 31" (178 x 787 mm)	6" x 30" (152 x 762 mm)
VLFEZ12X12	VLFEZ12X12WS	12" x 12" (305 x 305 mm)	11" x 11" (279 x 279 mm)	10" x 10" (254 x 254 mm)
VLFEZ24X24	VLFEZ24X24WS	24" x 24" (610 x 610 mm)	23" x 23" (584 x 584 mm)	22" x 22" (559 x 559 mm)
VLFEZ24X30	VLFEZ24X30WS	24" x 30" (610 x 762 mm)	23" x 29" (584 x 737 mm)	22" x 28" (559 x 711 mm)
VLFEZ24X32	---	24" x 32" (610 x 813 mm)	23" x 31" (584 x 787 mm)	22" x 30" (559 x 762 mm)
VLFEZ24X36	---	24" x 36" (610 x 914 mm)	23" x 35" (584 x 889 mm)	22" x 34" (559 x 864 mm)
VLFEZ24X56	---	24" x 56" (610 x 1422 mm)	23" x 55" (584 x 1397 mm)	22" x 54" (559 x 1372 mm)
VLFEZ24X60	---	24" x 60" (610 x 1524 mm)	23" x 59" (584 x 1499 mm)	22" x 58" (559 x 1473 mm)

Minimum order: 1 each. Glass not included.

CRL Slimline Series Door Vision Lites

- Low Profile Design Beveled Vision Lite Frame
- Fire Rated
- Bronze Powder Coat Finish
- For Glazing Thickness of 5/16" to 1" (8 to 25 mm)
- You Supply the Glass

new



CRL's new Slimline Series Door Vision Lites are stocked with bronze powder coated frames. Fabricated from 20 gauge CRS, these Vision Lites are available in sizes from 6" x 27" (152 x 686 mm) to 24" x 30" (610 x 762 mm). Featuring trim with radius corners, a continuous glass retainer, a mitered and welded frame, and countersunk holes on the non-corridor side, the Slimline Series is designed for 1-3/4" (44 mm) thick doors, and is listed with both UL and WHI. Custom sizes and finishes are available upon request.

CAT. NO.	SIZE W X H	USES GLASS SIZE	EXPOSED GLASS
SL6X27	6" x 27" (152 x 686 mm)	5" x 26" (127 x 660 mm)	4" x 25" (102 x 635 mm)
SL7X22	7" x 22" (178 x 559 mm)	6" x 21" (152 x 533 mm)	5" x 20" (127 x 508 mm)
SL12X12	12" x 12" (305 x 305 mm)	11" x 11" (279 x 279 mm)	10" x 10" (254 x 254 mm)
SL24X30	24" x 30" (610 x 762 mm)	23" x 29" (584 x 737 mm)	22" x 28" (559 x 711 mm)

Minimum order: 1 each. Glass not included.

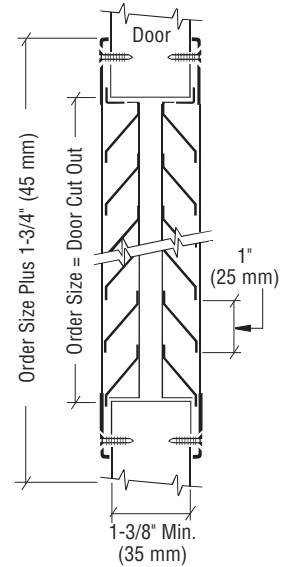
CRL 700A Series Door Louvers

- Non-Vision Inverted Split "Y" Blades
- Available in Five Stock Sizes
- Bronze Powder Coat Finish
- 50% Free Flow Area

new

CRL's 700A Series Door Louvers have a two-piece design for wood or metal doors with a minimum thickness of 1-3/8" (35 mm). Constructed from 18 gauge CRS, 700A Series Louvers have a minimum frame size of 6" x 4" (152 x 102 mm) and a maximum size of 48" x 80" (1219 x 2032 mm). The two rows of inverted "Y" blades are spaced at 1" (25 mm) intervals and attached by interlocking construction to the 3/4" (19 mm) deep welded frame that is screwed into the door on both sides. Custom sizes and finishes are also available.

CRL 700A Series Door Louvers can have a variety of screen wires placed underneath of either panel to prevent unwanted pests from entering through the Louvers. Common 18 x 16 mesh aluminum screen wire is recommended to keep out small insects. These are available only on special order.



STOCK SIZE 700A SERIES DOOR LOUVERS

CAT. NO.	SIZE W X H	FREE FLOW AREA
700A12X12	12" x 12" (305 x 305 mm)	72 Square Inches
700A18X12	18" x 12" (457 x 305 mm)	108 Square Inches
700A24X12	24" x 12" (610 x 305 mm)	144 Square Inches
700A24X18	24" x 18" (610 x 457 mm)	216 Square Inches
700A24X24	24" x 24" (610 x 610 mm)	288 Square Inches

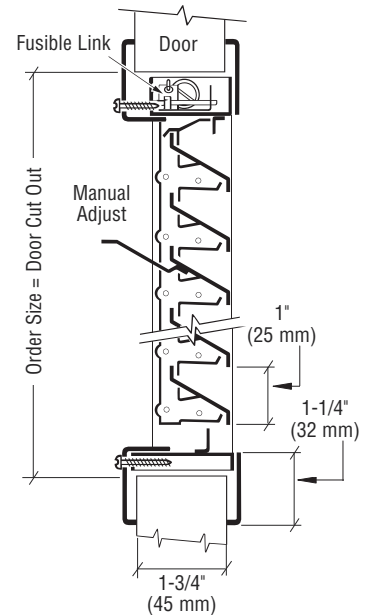
Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL 1900A Series Door Louvers

- Fire Rated
- Adjustable Blades
- Fusible Link for Automatic Closing
- Bronze Powder Coat Finish
- 45% Free Flow Area

new

CRL's 1900A Series Door Louvers are listed with both UL and WHI, and are ideal for installation in 1-3/4" (45 mm) thick fire doors. Constructed with a 16 gauge CRS frame with mitered and welded corners, the Z-blade louvers are riveted to the operating bar at 1" (25 mm) intervals. The screws are fastened through the frame into the louver core, which leaves the corridor side of the frame free of fasteners for security purposes. If the spring-loaded fusible link is melted due to fire, the action bar is actuated, which closes and locks the blades. Custom sizes and finishes are also available.



LISTINGS AND RATINGS:

Fire Ratings With UL and WHI Classification Marks

Model 1900A is rated for use in fire doors up to 1-1/2 hour rating. Louver size shall not exceed maximum of 576 sq. inches, 24" W and 24" H. The minimum width and height shall not be less than 10" and 6", respectively. Louvers may be provided for classified hollow metal type and composite type fire doors. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards. Louver frame will be labeled with Listing Mark.



1900A SERIES DOOR LOUVERS

CAT. NO.	SIZE W X H	FREE FLOW AREA
1900A12X12	12" x 12" (305 x 305 mm)	65 Square Inches
1900A24X12	24" x 12" (610 x 305 mm)	130 Square Inches
1900A24X24	24" x 24" (610 x 610 mm)	259 Square Inches

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Standoff and Glass Connection Systems

CRL's Family of Standoff Products Can Be Used Independently or Together to Create Unique Designs

C.R. Laurence has more than Standoffs. We offer a complete family of Standoff related products. From our standard line of Round and Square Standoffs, to Custom Standoffs, Cap Assemblies, Tube Style Standoffs, Edge Grips, Slot Mount Standoffs, Accent Rings, Swivel Fittings, Framepegs, and Mounting Hardware, CRL has everything you will need to create innovative designs in architecture, store fixtures, signage, and furniture.

CRL's Standoff Display System provides architects and designers unlimited resources for retail store, commercial or restaurant applications. Most are available in Chrome, Brass, Brushed Stainless, Satin Chrome, and Gun Metal finishes. The following pages will provide the information you will require to select the perfect Standoff products for your project.



For a Full Selection of CRL Standoff Systems and Accessories see our SC12 Catalog or visit crlaurence.com.



Round Standoff Bases



Slot Mount Standoffs



Tube Style
Standoffs



Standard
Cap Assemblies



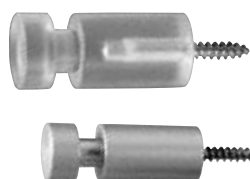
Square Standoff Bases



Adjustable
Standoff Caps



Edge Grips



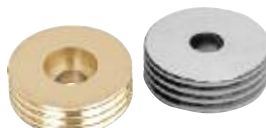
Framepegs



Standoff Tube
Adaptors



Low Profile Cap
Assemblies



Accent Rings



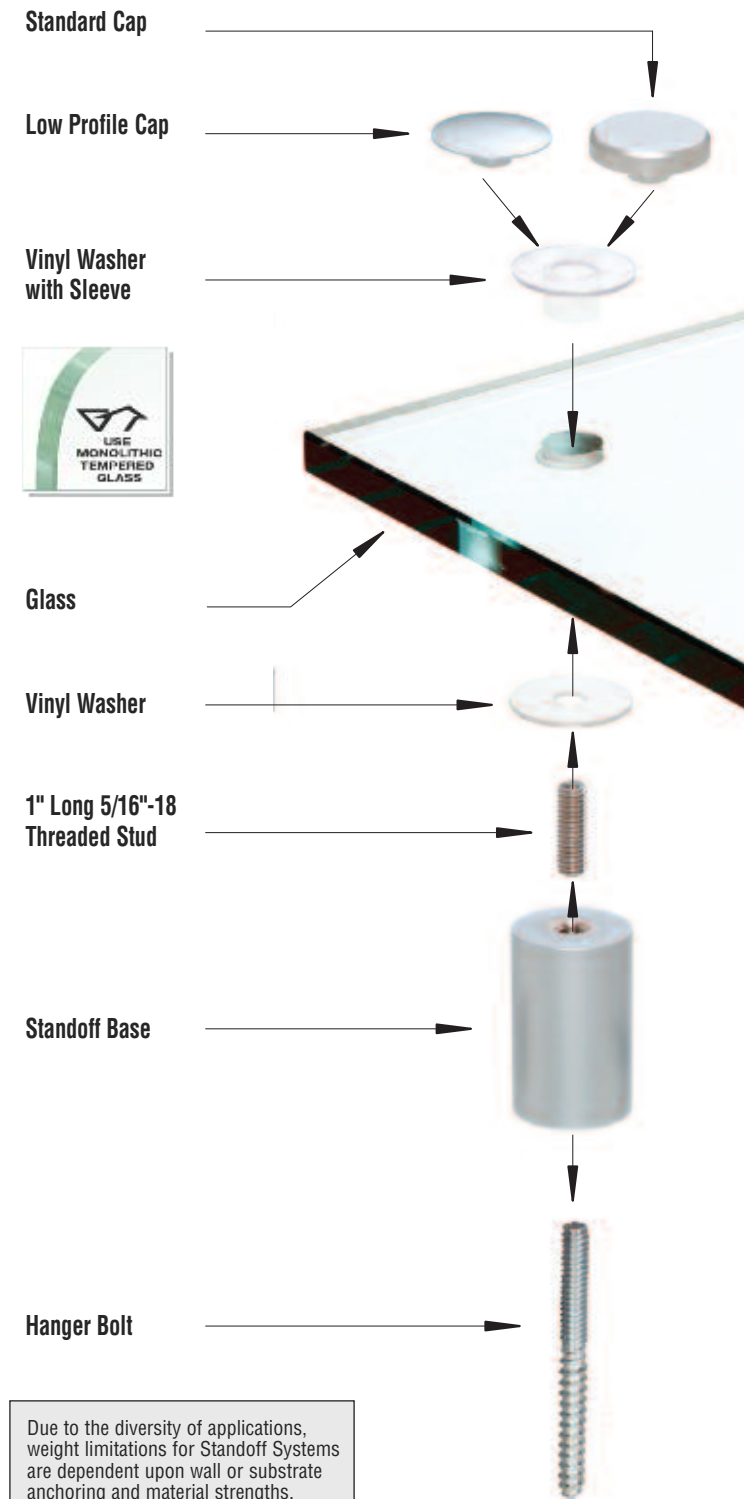
Flush Mount Cap
Assemblies



Swivel Fittings

What Are Some of the Applications for CRL Standoff Systems?

• Typical Installation for 1-1/4" (31.7 mm) Diameter Standoff Base and Cap



Standoffs and Cap Assemblies are used to create innovative designs in commercial, retail or residential environments by combining glass and metal to connect panels, display merchandise, to mount signage or artwork to a wall, or to build unique displays. Standoffs can also be used to elevate a glass top above a reception desk, cocktail or lamp table, kitchen counter or bathroom sink. The uses for CRL Standoffs are virtually limitless.



Which CRL Standoff System Should I Use?

CRL provides the most diverse selection of Standoff products available anywhere. Our 1/2" (12.7 mm) diameter Standoffs are a favorite for lighter weight glass displays or signage. 3/4" (19 mm) diameter Standoffs are the perfect design element for industrial projects such as exhibit building or retail display projects. CRL's 1-1/4" to 2" (31.7 to 50.8 mm) diameter Standoffs are designed to provide solutions for a vast variety of projects. Used to support heavier thicknesses of glass, the applications for this product are only limited by your imagination.



CRL Custom Standoff Capabilities

CRL Custom Standoffs and Cap Assemblies are available in diameters and squares from 1/2" to 4" (12.7 to 102 mm), and in many popular finishes, including powder coating. Fabricated in CRL's California manufacturing facility, most Custom Standoff products are produced to your specifications and have short lead times.

CRL Custom Manufactured Standoff Service

- Machined to Your Specifications in Lengths Up to 48" (1219 mm)
- Choose From a Variety of Bar Stock Dimensions
- Available in the Following Finishes: Polished Stainless, Brushed Stainless, Polished Brass, Satin Brass, Sandblasted Stainless Steel, and Powder Paint
- Custom Finishes Are Also Available
- Timely Delivery

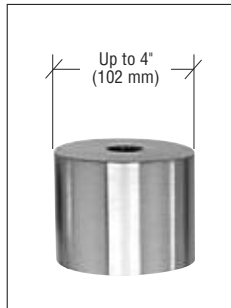


CRL Custom Standoff Fittings may require machining, welding, bending, and special finishing. This can all be accomplished with our in-house equipment for the fastest delivery time in the industry. Not only will we bring your design to reality, but our Technical Sales staff is here to assist you with alternate designs or suggestions. We work every day with our customers to fulfill their glass attachment needs. Fax or e-mail your Custom Standoff requirements to CRL Technical Sales and we will quickly respond with a quotation.

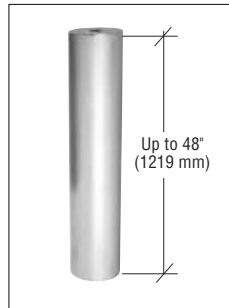
NOTE: If diameter or square is equal to, or less than 3" (76 mm), the maximum length is 48" (1219 mm).
If diameter or square is between 3" and 4" (76 to 102 mm), the maximum length is 8" (203 mm).



Custom Cap Diameters



Custom Base Diameters



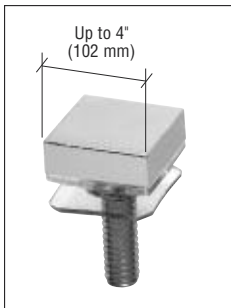
Custom Base Heights



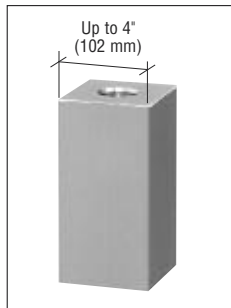
Bending
(on Selected Diameters)



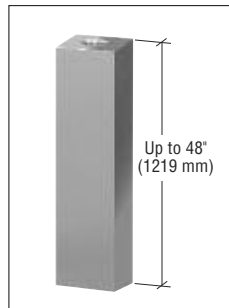
Welding on All Diameters



Custom Square Caps



Custom Square Base Widths



Custom Square Base Heights



Precision Machining



650,000 Combined Square Feet of Manufacturing Capacity

CRL Custom Manufactured Standoff Service



Custom Railing



Custom Counter



Custom Table Top

In addition to our large selection of off-the-shelf Standoff Hardware, CRL also offers Custom Standoffs manufactured to meet your needs. Standoffs are used today in many different areas. Innovative uses include large diameter Standoffs for a 1" thick glass bench on top of a wall, long Standoffs for legs on counters or desks, angled Standoffs for designer applications, and many others. Large users of Standoffs are the exhibit industry, the restaurant industry, display manufacturers, furniture designers, cabinet makers, and sign shops.

Standoffs can be seen on news commentator sets, reception counters, kitchen counter overhangs, vertical dividers on top of office partitions, and business information centers. Because of the many different design requirements, we offer custom manufactured units made to order in our 650,000 square feet of manufacturing capacity in Los Angeles, California. Our in-house machining room, polishing center, and powder paint line allow us to give you the fastest service in the industry.

Making Your Design from Scratch

Inquiring



Discussing Your Ideas with Our Technical Sales Representatives

Ordering



Approving the Quotation and Placing the Order

Fabricating



Your Design is Machined at Our Factory

Finishing



Our Modern Polishing Room Guarantees a Beautiful Finish

Painting



We Can Powder Paint Over 250 RAL Colors

Packaging



All Items are Carefully Packed to Prevent Damage

Shipping



Your Order Can Be Shipped or Picked Up at Any CRL Location

At Your Door



Product Received and Ready for Installation

For additional information, or for a quote, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.

You can also e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.



- **INSULATING GLASS SUPPLIES AND TOOLS**
- **GLAZING SEALANTS AND TOOLS**
- **BACKER ROD, SETTING BLOCKS, AND SHIMS**
- **GLAZING PUTTIES, POINTS, AND TOOLS**
- **FASTENERS AND TOOLS**
- **POWER TOOLS**
- **TOUCH-UP PAINT**
- **CLEANERS AND WIPES**
- **ADHESIVES AND TAPES**

CRL
U.S. ALUMINUM
crlaurence.com • usalum.com

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CRL Basic Insulating Glass Manual

- Everything You Need to Know About Building Your Own Insulating Glass Units
- Explains What is Best for Your Application
- Easy to Follow Step-by-Step Instructions for First Time Fabricators

This CRL Basic Insulating Glass Manual is specifically designed to help glass professionals become more familiar with the materials necessary for Insulating Glass fabrication. It takes you step-by-step through all methods of Insulating Glass production: single seal, dual seal, silicone, butyl, and polysulfide. The GM12 shows you different glazing techniques, including glazing adapters for retrofit work. The Manual also describes testing procedures you can use in your shop, and there is a section on Insulating Glass terms and definitions.

Since rising energy costs have created a huge market for Insulating Glass, you can use the Manual to expand your knowledge, and help your customers get a better grasp of which of the many fine CRL Insulating Glass products would be best for their needs.

For any questions regarding Insulating Glass equipment, supplies, or even for a quote on setting up a whole new IG line, please contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. You can send e-mail from the crlaurence.com home page. Click on Contact Us, then click on Technical Sales.

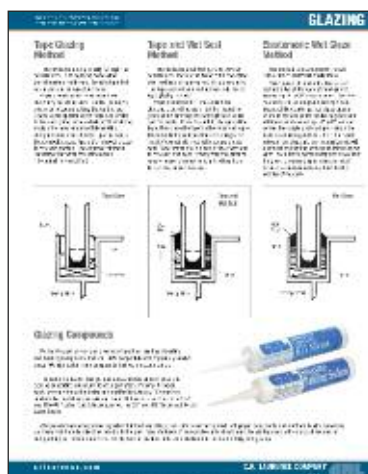
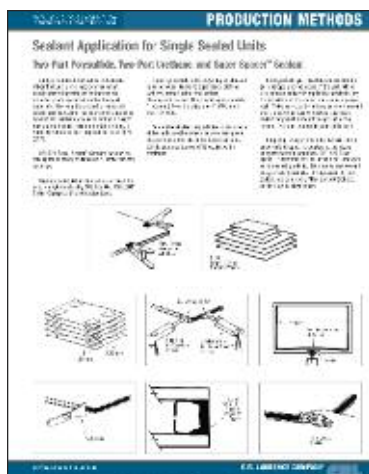


Minimum order is one each.

CAT. NO. GM12



- Easy to Read and Understand Format
- Includes Photographs, Diagrams, Terms and Definitions, Techniques, Procedures, and Products to Help Fabricate Top Quality Insulating Glass Units
- Lists and Explains Required Materials, Production Methods, Glazing Guidelines, and Ordering Information



Fabricating Quality Insulating Glass Units is Simple...If You Know How

The fabrication of quality Insulating Glass units is not a mysterious process that only a few fabricators can achieve. Over the years CRL has introduced hundreds of our accounts to the profitable business of installing new and retrofit Insulating Glass units.

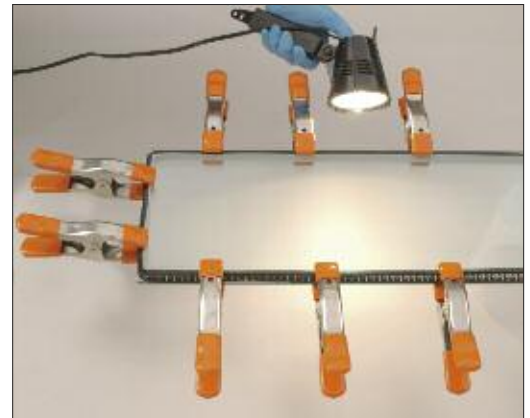
Once you discover the simplicity of fabricating Insulating Glass units you will agree that this is a part of the energy conservation business that you can be part of with little prior experience and only a moderate investment in supplies and tools.

And CRL can help you at every step, from planning your workstations, stocking your supplies, and making sales presentations to prospective customers. We have a complete program to make Insulating Glass part of your successful business.

Increased Energy Awareness Opens New Opportunities

The knowledgeable homeowner is now more aware than ever of the rising costs of heating and cooling their home. And they know that it's not likely to ever get any easier. What they probably don't know is that you can install energy-efficient Insulating Glass units in their home at a cost that will over time be recovered in energy savings.

Get the word out in your community that there's no need for your neighbors to go to a big national firm for Insulating Glass units when your local glass business can provide it at competitive costs. CRL can help you with promotional ad flyers with a space for your imprint. Talk to your CRL Sales Professional about this great way to reach prospective local customers.



CRL's Insulating Glass Design and Fabrication Assistance

• Insulating Glass Components and Sealants

The fabrication of quality Insulating Glass units is dependant upon the right materials, and CRL offers only the components and sealants that meet our strict standards. Be assured that the Insulating Glass materials we stock in our network of distribution facilities have been thoroughly tested, and will stand up to even the harshest of environmental conditions. Your reputation, and ours, depends on providing your customers with only the best Insulating Glass units, and that starts with the best materials.



• Insulating Glass Production Line Design

To profitably fabricate Insulating Glass units in quantity you need the right tools and equipment. If you are planning to fabricate them in production-level quantities working with the right tools and shop equipment will make the difference between a profitable unit and one that costs more than you anticipated.

Contact Technical Sales to discuss your plans and we will work with you to design a new production line or upgrade your existing one. Call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for the Door and Window Department at Ext. 7520.



• Insulating Glass Consultation Service

The best part of gearing up to fabricate Insulating Glass units is that you don't have to go it alone. CRL has decades of experience in the field of Insulating Glass, and trained Technical Sales personnel to provide assistance in selecting the fabrication methods, supplies, and equipment that will best suit your needs and fit your budget.

Contact them at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for the Door and Window Department at Ext. 7520. You can also send e-mail from the home page of crlaurence.com. Click on Contact Us, and then click on Technical Sales.



Selling the Benefits of Insulating Glass to Your Customers

• Making a Persuasive Presentation

You know your Insulating Glass units are good, but how do you convince your customers? One way is to use precision test meters that show the quality of the units you can provide them, and the proven benefits of installing energy efficient Insulating Glass units. CRL has high tech yet easy to use and understand sales aids that you can use for showroom or in home demonstrations. See pages 800W to 803W.



Selecting the Fabrication Method That's Right for You

• Fabricating Within Your Capabilities

Now that you've made the decision to fabricate Insulating Glass units you must decide what type of units would be within your capabilities. Whether you start out using traditional single-seal or double-seal aluminum spacers or an alternative spacer system, such as Super Spacer or Duraseal, we offer the best selection, along with all of the accessories needed to build quality, ready-to-install units. There are even Starter Kits that feature a complete assortment of products you will need to build your first units. See pages 830W to 833W.



Fabrication and Installation Supplies and Equipment

• Investing to Assure Profitability

Just because you can make quality Insulating Glass units doesn't mean you're assured a profitable outcome. Assuring profitability often means investing in tools and equipment that will speed up the process, or make it less labor-intensive. We offer a full range of these items, from simple hand tools to large fabrication and inspection tables. All have been CRL tested for reliability and efficiency. See pages 821W to 824W. For additional information on our Insulating Glass Machinery visit crlaurence.com.



Fabricating Insulating Glass Units for Long Term Performance and Reliability

• Assuring Your Units Will Perform for Years

Following precise directions and using good materials is the best way to assure that the Insulating Glass units you fabricate will be of lasting value to your customers. Our assortment of spacers, desiccants, sealants, glazing compounds, setting blocks, and cleaners can take you from start to finish, and make it easy for you to include the sale and installation of Insulating Glass a valued portion of your successful business. See pages 809W to 820W, 823W to 829W, and 841W.



CRL Sales Demonstration Tools for Insulating Glass Units

- **High-Tech Aids to Show Your Customers the Benefits of Your Energy-Efficient Insulating Glass Units**

Convincing prospective customers to select your Insulating Glass units can be made easier with the proper demonstration aids. These new Meters help you show your customers that installing high performance Insulating Glass units will make a difference in the energy consumption costs and the comfort of their home.

Telling your customers how good your units are is one thing, but actually demonstrating it with the help of these precision meters will give you the edge over your competition. Choose our complete Sales Demo Kit (below) or individual meters (see opposite page). For additional information on these helpful sales tools go to crlaurence.com.



CRL Solar/UV Sales Demo Kit

- **Kit Includes Window Energy Profiler**

The CRL Solar/UV Sales Demo Kit can bring your Insulating Glass presentation to life, and help you convince prospective customers to select your energy efficient Insulating Glass units. This kit features the 4-in-1 Powerful Window Energy Profiler, which simultaneously reads the Solar Heat Gain Coefficient (SHGC), UV Transmission Percentage, Visible Light Transmission, and Infrared Transmission Values. This is the perfect sales tool to evaluate your customer's existing windows and compare them to your sales samples to confirm their need for new Insulating Glass units. The Kit comes with a Window Energy Profiler, an Infrared Heat Lamp, and Temperature Gun. The soft-sided Carrying Case has padded locations to hold your own insulating glass samples, and a set of factory glass samples for comparison. Additional details are available at crlaurence.com. Minimum order is one each.



CAT. NO. SK1740

CRL Window Energy Profiler

- Tests Windows in Frame Without Removal
- Simultaneously Displays Percentage of Allowable UV Transmission, Percentage of Visible Light, Percentage of Infrared Light Transmission, and Solar Heat Gain Coefficient

The CRL Window Energy Profiler is the latest in high-tech testing meters to determine the energy efficiency of dual glazed window and door glass. This meter simultaneously displays the four most important values to determine a glass panel's energy efficiency: UV Light Transmission, Visible Light Transmission, Infrared Light Transmission, and the "SHGC" (Solar Heat Gain Coefficient). Contractors and Building Inspectors can quickly tell if new windows and doors being installed meet code requirements.

This is a great tool to use during home sales demonstrations for potential homeowners to show the difference between their current windows and the newer types of energy efficient Low-e glass. One of the best features of the Energy Profiler is its design. The "U" shaped body allows a glass panel to be tested without having to remove it from the sash or frame. The Profiler calibrates itself automatically, and powers down automatically, prolonging the life of the single 9V DC Battery. The unit comes complete with a padded Carrying Case. Additional details are available at crlaurence.com. Minimum order is one each.



CAT. NO. WP4500

CRL Spectrum Detective Energy Transmission Meter

- Simultaneously Displays Three Measurements at Once: UV Transmission, Visible Light, and Percentage of Infrared Transmission Values
- Tests Single, Double, or Triple Panes



UV Transmission %



Visible Transmission %



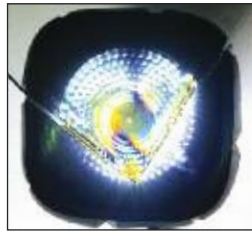
Infrared Transmission %

The CRL Spectrum Detective Energy Transmission Meter provides a convincing test to show the energy efficiency of your Insulating Glass units. Three performance values are displayed simultaneously: UV Energy, Visible Light, and Infrared Energy. Simple to operate and completely portable, it requires no additional light sources or power cords. Comes with a protective Carrying Case and 9V DC Battery. Additional details are available at crlaurence.com. Minimum order is one each.

CAT. NO. SD2400

CRL Heat Strengthened Glass Detector Kit

- Simple and Reliable
- Illuminates Stress Areas
- Instantly Determines Heat Strengthened Glass



The CRL Heat Strengthened Glass Detector Kit provides a simple and reliable means of determining whether glass panels are heat treated by illuminating the stress zones created by the heat strengthened process. By shining the specially filtered, battery operated light source on the reverse side of the glass, and observing through the special glasses included with the kit, stress zones become rainbows of color. Annealed glass will remain clear when viewed using this technique.

Kit comes complete with Flashlight Light Source, Filtered Glasses, two "D" Cell Batteries, and a padded Carrying Case along with detailed instructions. You will want extra kits for your service department personnel and your quality control specialists. Minimum order is one each.

CAT. NO. HSGD1

CRL Strengthened Glass Detector

- Identifies Glass That has Been Heat-Strengthened
- Indicates Thickness of the First Pane of Glass
- Tests Single or Double Panes



The Strengthened Glass Detector will allow users to confirm if glass has been heat strengthened. The Detector can test single panes of glass or multiple panes in a window at a single time, and from a single side. The glass can be tested in the factory, or after being installed in the field. This portable, battery-powered unit is convenient and simple to use. Simply slide the meter across the glass and conveniently watch the reflections from the glass head on. As the meter crosses stress lines in the glass (caused by the strengthening process), the resulting surface reflections from our wide array of light sources will change color.

The special optics of the SG2700 provides a robust change in color, and is great for applications where the stress lines are more difficult to view. The SG2700 Detector can even identify the thickness of the first piece of glass in the window. Conveniently portable size with a protective Carrying Case. Comes with a 9V DC Battery. Additional details are available at crlaurence.com. Minimum order is one each.

CAT. NO. SG2700

CRL Tin Side Detector

- Battery Powered UV Lamp
- Identifies the Tin Side of Float Glass

new



The CRL Tin Side Detector can identify the tin side of any piece of float glass by using short-wave ultraviolet light. This special lamp causes the tin to become visible in a milky white color. When the lamp is held to the air side, no color change takes place, just a dull image of the UV lamp is reflected. The short-wave UV light cannot transmit through the glass, therefore no change is noticed in the reflection and the milky color is not present. Some applications include auto glass fabrication, glass tempering, and the manufacture of mirror and other types of coated glass. The detection of the tin side is necessary in the processing of these types of glass. **NOTE:** Requires four "AA" Batteries, which are not included. Minimum order is one each.

CAT. NO. UVG4

CRL Digital Tin Side Detector

- Digital Technology
- UV Lamp is Not Required
- Identifies the Tin Side of Float Glass
- Easy-to-Read Meter



The CRL Digital Tin Side detector determines the tin side of float glass without the use of an ultraviolet bulb. There are several advantages to using digital technology to determine the tin side, such as being able to use this meter on either side of the glass. Just position up to the glass surface and depress the button, the large display clearly states if the meter is on the tin side, or if the tin is on the opposite side. With this new technology, the user no longer has to interpret the reflection of the UV light to make a subjective guess as to which surface is the tin side. There is no need to replace UV bulbs with this new Digital Meter, and the digital technology makes this meter very rugged, portable, and more energy efficient than other models. Operates on one 9V DC Battery. Minimum order is one each.

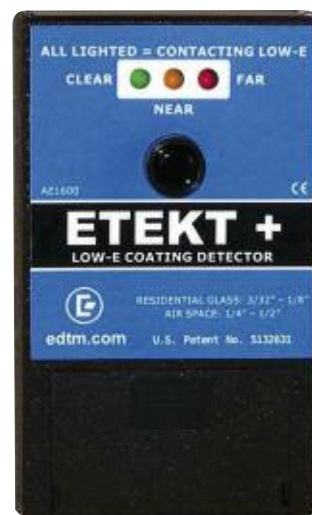
CAT. NO. TS2300

CRL Double-Pane Low-e Coating Detector

- Detects Invisible Low-e Coatings
- Ensures Windows are Installed Correctly
- Wide Temperature Stability
- Low-Battery Indicator

The CRL Low-e Glass Coating Detector senses the presence (or absence) and location of thermally resistant coatings (Low-e) used on single strength and double strength energy efficient glass from a single side. This helps to ensure windows are installed correctly.

This second generation tool offers enhanced reliability and temperature stability over its predecessor. Simple indicator lights check clear, near, or far surfaces. The unit requires one 9V DC Battery, which is included. The low-battery sensor causes the indicator lights to blink when the battery needs replacing. Minimum order is one each.



CAT. NO. AE1601

CRL Low-e Coating Contact Meter

- Detects Hard or Soft-Coat Low-e Applications
- Reduces Costly Mistakes in Manufacturing
- Economically Priced

The CRL Low-e Coating Contact Meter is a simple instrument that detects any conductive surface, including Low-e coatings, on a single sheet of glass. The Meter has four non-scratch pads on the reverse side that you press against the glass to determine if that surface has any conductive Low-e coatings.

The CM1030 is the ideal tool to use during the manufacture of Low-e Insulating Glass units. You can easily check glass surfaces for coatings without any extensive training. If the Meter detects a coating on the surface an indicator lights up to signal its presence. One 9V DC Battery is included. Minimum order is one each.



CAT. NO. CM1030

CRL Solar Transmission and BTU Power Meter

- Demonstrate Your Products
- Solar Performance
- Displays Solar Transmission and BTU Power Readings
- Easily Switches to BTU Measurements



CAT. NO. SP2065

The innovative CRL Solar Transmission and BTU Power Meter demonstrates both the solar transmission percentage of your window and, with the press of a button, the BTU values. It's two meters in one! Can also be used to measure the approximate solar heat gain co-efficient value for windows. The SP2065 is included in the Cat. No. SK1740 Sales Demo Kit (shown on page 800W), or you can order it separately. Meter comes with a 9V DC Battery. Additional details are available online at crlaurence.com. Minimum order is one each.

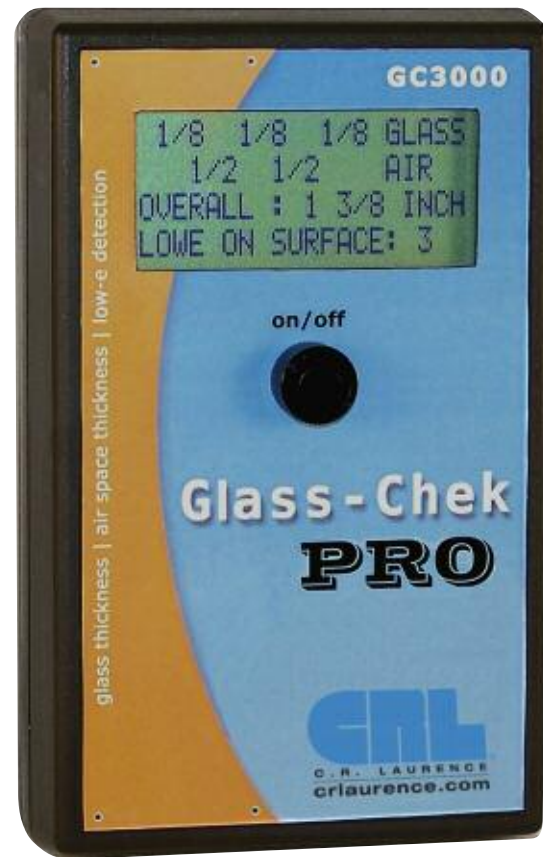
CRL Glass-Chek PRO Glass Thickness Meter and Low-e Coating Detector

- Triple Pane Thickness Measurement
- Full Low-e Detection Capabilities
- Enhanced Compatibility Means More Applications

GC3000 Glass-Chek PRO measures glass, air space and overall IG thickness of triple pane windows, all with a single test from one side of the window. It works with single and double pane applications as well.

The GC3000 is a fully equipped Low-e Coating Detector capable of locating a Low-e coating on any surface of a double pane window from a single side. This is a major time saver for testing multi-story buildings where you only have access to the inside of the window.

No other meter in the world can handle the same combination of applications. With an expanded thickness range to 1-1/2" (38 mm), the Glass-Chek PRO is compatible with residential and commercial glass. It is also compatible with new Low-e coatings, suspended film (i.e., Heat Mirror), tinted glass, laminated glass with Low-e against the laminate layer, and most commercial reflective glass. Minimum order is one each.



CAT. NO. GC3000

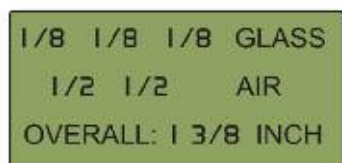
- Reduce Measurement Errors
- Measure Glass Deflection in Sealed IG Window Assemblies
- Uses a 9-Volt Battery – Common and Easily Replaceable
- Protective Carrying Case is Included
- Simple to Use Suitable for New or Experienced Window Installers, Production Personnel, Building Inspectors or Surveyors
- Made in the U.S.A.

Choose from Multiple Display Formats

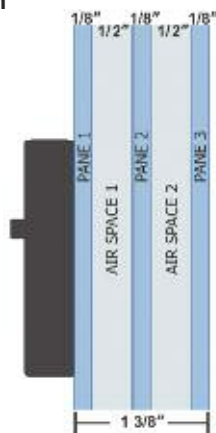
You can set up the Glass-Chek PRO to display measurement results in the format that works best for you. Choose from actual values or rounded (to ASTM Standards) in fractions of an inch, thousandths of an inch, decimals of an inch, millimeters, and more.

Glass Thickness Capabilities Illustration

Measure the thickness of each pane, each air space, and the total IG thickness in single, double, and triple pane windows.



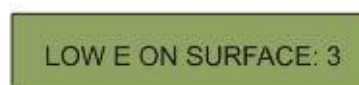
Display example outlining the glass, air space, and overall thickness of a triple pane window. Example shows readings in fractions of an inch, but the meter can be easily set up to display readings in other formats.



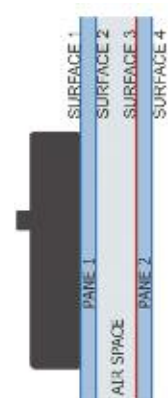
Total Thickness
Triple Pane Window

Low-e Coating Detection Illustration

Detect the presence and location of Low-e coatings on any surface of the first two panes. The meter will specify whether the coating is on surface one, two, three/four or "CLEAR" if no coating is present.



Display example indicates the Low-e coating is on surface 3 of the window. This means the coating is on the inside surface of the second pane. The GC3000 will detect coatings on any of the surfaces of a double pane window and most triple pane windows.

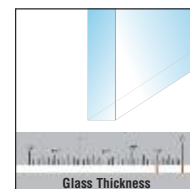


Double Pane Window

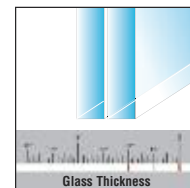
CRL Glass Thickness Laser

- Measures Thickness of Air Space in Sealed Insulating Glass Units and Overall Unit Thickness
- Measures From Inside of the Building – No Glass Removal is Necessary
- Uses Laser Technology for Exact Measurements
- Calculates Thicknesses of Insulating, Laminated, Bullet Resistant, and Single Lite Float Glass
- Simple to Use – Just Press a Button and Read the Measurements

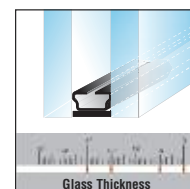
- Fractional Inch and Metric Measurement Models



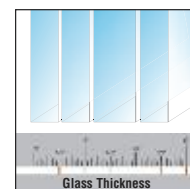
Float Glass and Mirror



Laminated Glass (Any Thickness)



Double and Triple Glazed I.G. Units



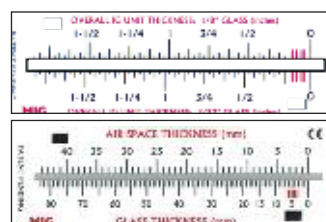
Bullet Resistant Glass (Any Combination of Thicknesses)

The CRL Glass Thickness Laser is a breakthrough in glass measuring devices. It will give you the same exacting readout as digital units costing hundreds more. Not only does the MG1500 measure standard Insulating Glass units, but it will also measure triple-glazed I.G. units, laminated glass, Low-e surfaces, and multi-layer bullet resistant glass. Best of all, the MG1500 is accurate from either side of the unit, so removal of the panel is not required. This is especially convenient in multiple-story buildings.

Designed for use in the field, glaziers and inspectors alike can easily carry it in their shirt pocket, on their belt, or just about anywhere the convenient carrying case will fit. The MG1500 is powered by two AAA batteries, which are included.

IMPORTANT NOTE: Avoid looking into laser beams at all times, as they can cause damage to your eyes.

Overall Insulating Glass Thickness Scales



Fractional Inch and Metric Scale Sets are Interchangeable

CAT. NO.	DESCRIPTION
MG1500	Fractional Inch Laser
MG1500MM	Metric Laser
MG1500SS	Fractional/Metric Scale Set Only

Minimum order: 1 each.

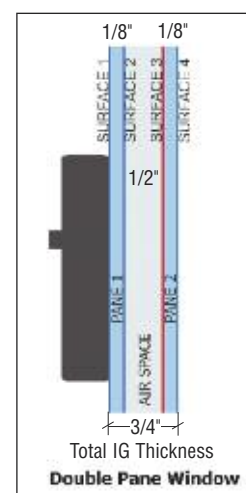
CRL Glass-Chek+ Digital Glass Thickness Meter With Low-e

- Measures Insulating Glass Units – Thickness of Lite, Air Space, and Overall Thickness Up to 1-1/2" (38.1 mm)
- Detects Low-e Coating and Compatible With Tinted Glass
- Factory Calibrated, Needs No Field Adjustments
- Digital Readout in Decimal, Fractional, and Metric

The CRL Glass Chek+ Digital Glass Thickness Meter with Low-e Sensor is descended from the single pane Low-e coating detector, however the GC2001 is now able to differentiate whether the Low-e is on Surface 1 or Surface 2 of the glass. Another one of the biggest improvements is its ability to test tinted glass and the newest Low-e coatings that have been introduced in the past few years. This unit is capable of testing the thickness of single or double pane windows. Simply press the Glass-Chek Meter against a single lite of glass, or a dual lite window assembly, push the button and hold it until the measurements are digitally displayed. The thickness of each lite of glass, the air space, and the overall thickness of the unit will simultaneously appear on the two-line liquid crystal display. Unit can be read in decimal, fractional and metric. For best results, clean the window prior to testing. Uses one 9V DC battery (included). Minimum order is one each.

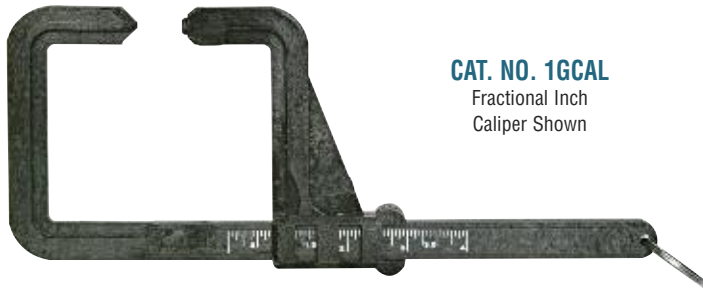


CAT. NO. GC2001
Glass-Chek+



CRL Insulating Glass Caliper

- Measures Insulating Glass Unit Thickness in Sliding Windows and Doors
- Quick and Easy to Use
- Fractional or Metric Scales on Both Sides



CAT. NO. 1GICAL
Fractional Inch
Caliper Shown

The CRL Insulating Glass Caliper makes it easy to measure the overall thickness of insulated glass panels in sliding windows and doors even when the panels have been glazed into a sash frame. This useful tool will measure up to 4" (102 mm) thick panels. The calibrated scale appears on both sides for quick and convenient measurements. Made of a high impact resistant composite material for durability.

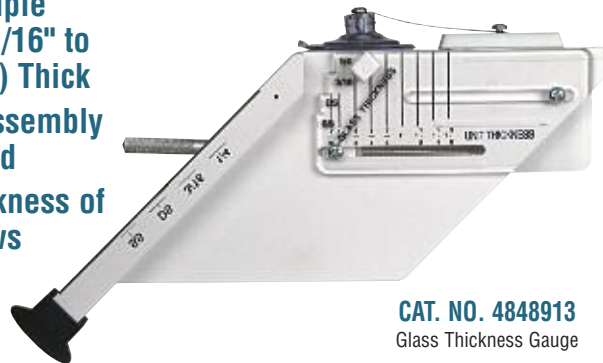


CAT. NO.	DESCRIPTION
1GICAL	Fractional Inch Caliper
1GICALMM	Metric Caliper

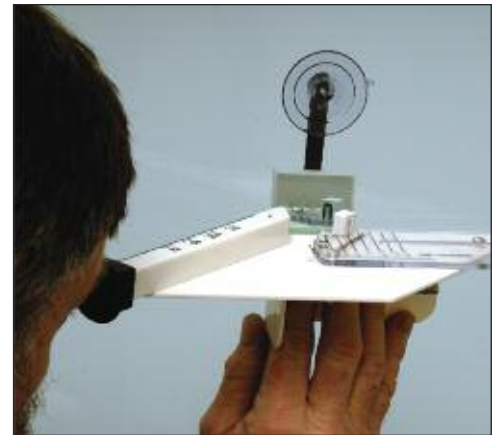
Minimum order: 1 each.

CRL Insulating Glass Thickness Gauge

- Works on Dual or Triple Glazed Units From 7/16" to 1-1/4" (11 to 32 mm) Thick
- No Opening or Disassembly of Windows Required
- Also Measures Thickness of Single Pane Windows



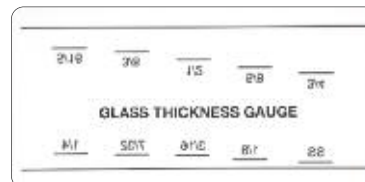
CAT. NO. 4848913
Glass Thickness Gauge



The CRL Insulating Glass Thickness Gauge is a precise tool designed to accurately measure the glass thickness and overall unit thickness of multiple glazed windows in fractional increments. It works on any clear glass unit from 7/16" to 1-1/4" (11 to 32 mm) overall thickness. There is no need for exposed edges or openings, as the Gauge works by reflections, using a line-of-sight viewer that targets the exact thickness of the unit. The supplied reflector unit is held in place by a suction cup base. It is a time and money saver for anyone in the Insulating Glass field. Minimum order is one each.

CRL Glass Thickness Gauges

The CRL Glass Thickness Gauge measures single pane thickness even when it is not possible to measure the glass from the edge. Place the long edge of the Gauge against the glass and tilt the Gauge upward to a 45 degree angle to the glass surface. Look into the glass at the reflection of the Gauge and compare each short line with the long continuous line. Pick the one short line that is shown in the reflection within the same plane as the long line, and read the glass thickness measurement as indicated above that line. This is your glass thickness. Minimum order is one each.



CAT. NO. G1340
Fractional Gauge



CAT. NO. GTG1
Metric Gauge

CRL Conductive Coating Detector

new

- Red Indicator Lights Up On Contact With Low-E
- Edge Stop Restricts Use to Edge of Glass, Prevents Scratching
- Small Enough to Fit in Your Shirt Pocket

The CRL Conductive Coating Detector provides positive identification of the low-E coated side of glass upon direct contact with the glass surface. This tool will prove itself invaluable to insulating glass fabricators who need to verify coatings and assure correct assembly procedures using low-E glass. With edge stops designed into the housing, there is less chance of accidental scratching in the center viewing area. Window fabricators and quality control departments can verify that no low-E surface is inadvertently exposed. Minimum order is one each.



CAT. NO. CD1

CRL Non-Contact Detector

new

- Single Button Activation
- Visual Red LED Indicator and Audible Signal Announces Coating Found
- Helps Assure Manufacturers and Customers that Coating is Present
- Slips Comfortably into Shirt Pocket or Briefcase

The CRL Non-Contact Detector is a durable, dependable tool for use by fabricating, sales, and service personnel who need to verify the presence of low-E glass coatings. Lay the CD2 against the glass surface and push the button to activate. A red LED indicator light and an audible signal will announce the presence of a low-E coating on either surface one or two. Minimum order is one each.



CAT. NO. CD2

CRL Dual Purpose Detector

new

- Switches Between Direct Contact and Non-Contact Modes
- Visual and Audible Signals Indicate Low-E Presence
- Maintains Calibration at all Times
- Compact, Reliable, and Efficient

The CRL Dual Purpose Detector combines the features of the CD1 and CD2 Low-E Detectors in one convenient, compact tool. The CD3 switches between direct contact mode and indirect presence mode to identify which side of the glass light has received the low-E coating. It is ideal for in-shop quality assurance personnel, field service crews, sales people, building inspectors, and code enforcement staff. Minimum order is one each.

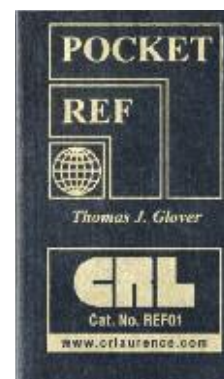


CAT. NO. CD3

CRL Pocket Reference Book

- Tool and Construction Specs; Info on Paints, Finishes and Adhesives; Metric Conversions; and Lots of Useful Information

The CRL Pocket Reference Book is a wealth of information. Use it for tool and construction specs; get info on paints, adhesives and finishes; convert metric measurements; get electrical ratings and equivalents; solve math, geometry, and chemistry problems; look up area codes. It even has a 12 year perpetual calendar! There's a ton of useful data in this over 500 page reference that fits on your desk or in your glove compartment.



CAT. NO. REF01

CRL Pilkington® K Glass™ Detectors

• Available in Europe Only

- Identify Low Emissivity Low-e Coated Glass
- For Single and Double Glazed Glass
- Comprehensive Instructions Included

Our CRL Pilkington® K Glass™ Detectors have been developed to distinguish low emissivity coated glass from ordinary float glass. These units are available for single glazed or double glazed units, as well as a combination detector.

CAT. NO.	DESCRIPTION
0472S	Single Glazed Glass
0472D	Double Glazed Glass
0472C	Combined Single and Double Glazed

Minimum order: 1 each.



CAT. NO. 0472S



CAT. NO. 0472D



CAT. NO. 0472C

CRL Merlin Lazer Low-e Coating Detector

- Easily Identify Low-e Glass at the Touch of a Button
- Ideal for Checking Document L Compliance
- Available in Europe Only

The CRL Merlin Lazer Low-e Coating Detector is a dual-purpose tester designed to detect Pilkington® K Glass™ and all other low emissivity coatings on single and double glazed units, and to indicate on which surface it is present. Installers and inspectors can verify the presence of the coating and the correct orientation of the unit. Minimum order is one each.



CAT. NO. 0482

CRL Merlin Lazer Glass Measuring Gauge

- Quickly and Accurately Identify Laminated Glass
- No Glass Removal Necessary
- Available in Europe Only

Our CRL Merlin Lazer Glass Measurement Gauge is a very simple but effective precision measurement instrument that provides accurate measurement of single glass and air gap thickness in single, double, and triple glazed units. It is also able to identify laminate interlayers at a touch of a button. All readings can be taken from one side without the need to remove the glass.

Minimum order is one each.



CAT. NO. 0480

CRL Merlin Lazer Toughened Glass Indicator

- Quickly Verify Whether Glass Has Been Toughened
- Identify From One Side Only
- Available in Europe Only

The CRL Merlin Lazer Toughened Glass Indicator is able to indicate toughened glass in single and multi-pane units from one side only at the touch of a button. This makes it an ideal solution to safely determine whether glass has been toughened or not. Minimum order is one each.



CAT. NO. 0481

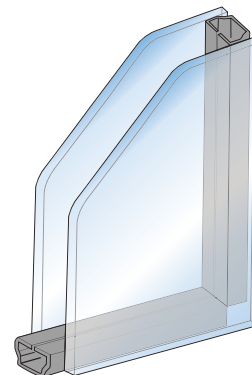
Pilkington is a registered trademark of Pilkington Group Limited Corp.

The Aluminum Spacer Fabrication Method

Heat loss costs money and energy, but it can be prevented. Insulating glass is the most effective product that you can provide for your customers to save energy and cut their heating and cooling costs.

Traditional metal spacers for the fabrication of Insulating Glass units are available in both single and dual seal type. Single Seal Spacers have a single shoulder to accept the sealant deep enough to allow for adequate sealant penetration. Dual Seal Spacers accept a polyisobutylene primary seal while the exterior facing shoulders are designed to accept the secondary seal and allow for adequate sealant penetration. Both Single and Dual Seal Spacers utilize Spacer Corners to join them together to form frames.

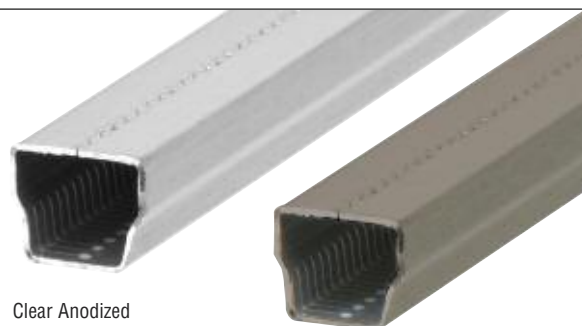
NOTE: Corners must match spacer design.



CRL Single Seal Aluminum Spacers

- Laser Welded Spacers Are Available in Two Finishes
- Manufactured to Meet and Exceed Rigid Test Standards

CRL Single Seal Insulating Glass Spacers have a proven record for utility and satisfaction over many years of use. Single Seal Spacers have a single shoulder to accept the sealant, and this shoulder is deep enough to allow for excellent sealant penetration.

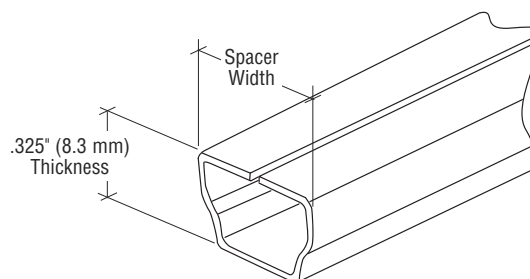


Clear Anodized

Bronze Anodized

SINGLE SEAL SPACER

Universal Thickness for these Single Seal Spacers is .325" (8.3 mm)



CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	SPACER WIDTH	QTY/CASE
3934	3934BRZ	3/16" (4.8 mm)	500
3935	3935BRZ	1/4" (6.3 mm)	350
3936	3936BRZ	5/16" (7.9 mm)	250
3937	3937BRZ	3/8" (9.5 mm)	200
3938	3938BRZ	7/16" (11.1 mm)	175
3939	3939BRZ	1/2" (12.7 mm)	175
3940	3940BRZ	9/16" (14.3 mm)	170
3941	3941BRZ	5/8" (15.9 mm)	150
3941A	3941ABRZ	11/16" (17.5 mm)	150
3942	3942BRZ	3/4" (19 mm)	150

Minimum order: 20 stock lengths per size and color. Sizes can be combined for quantity pricing. Stock lengths are 12'8" (3.8 m). Must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Corners for Single Seal Spacer

- Long Fin Design Holds Corners in Place
- Made From Durable Nylon

CRL Nylon Corners are designed to fit tightly into CRL Single Seal Spacers for a proper seal. High quality material resists cracking and aging. Quantity per case is 1000. Sold in increments of 100.

CAT. NO.	SIZE
6262	3/16" (4.8 mm)
6265	1/4" (6.3 mm)
6266	5/16" (7.9 mm)
6267	3/8" (9.5 mm)
6268	7/16" (11.1 mm)
6269	1/2" (12.7 mm)
6270	9/16" (14.3 mm)
6271	5/8" (15.9 mm)
6271A	11/16" (17.5 mm)
6272	3/4" (19 mm)



Minimum order 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Flex Corners for Single Seal Spacer

- Used to Make Variable Angle Frames
- Made From Durable Nylon

CRL Flex Corner Keys for Single Seal Spacers are a low-cost, effective method of producing variable angle Insulating Glass unit frames. The long fin design ensures extra strength and a positive fit. Quantity per case is 1000. Sold in increments of 100.

CAT. NO.	SIZE
6222	3/16" (4.8 mm)
6225	1/4" (6.3 mm)
6226	5/16" (7.9 mm)
6227	3/8" (9.5 mm)
6228	7/16" (11.1 mm)
6229	1/2" (12.7 mm)
6230	9/16" (14.3 mm)
6231	5/8" (15.9 mm)
6231A	11/16" (17.5 mm)
6232	3/4" (19 mm)



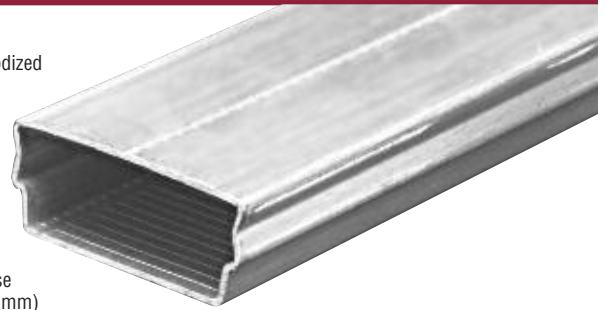
Minimum order 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Low-Profile Dual Seal Aluminum Spacers

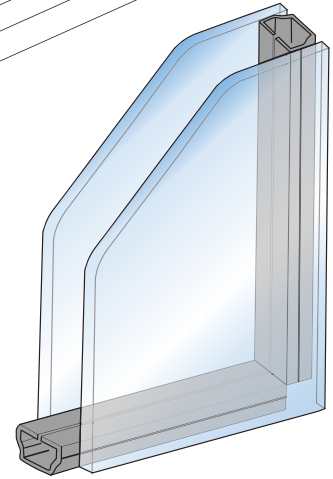
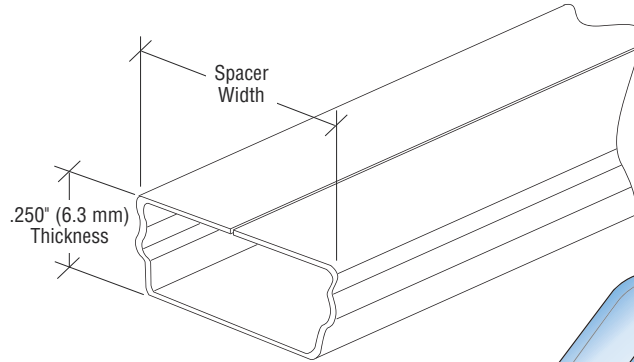
- For the Fabricator Who Prefers a Dual Seal Insulating Glass Unit
- Laser Welded Spacers With Clear Anodized Finish

This CRL Low Profile Dual Seal Spacer was designed for fabricators of Insulating Glass who prefer a dual seal system. The groove on the shoulder is designed to accept the CRL Polyisobutylene Primary Seal (see page 826W), while the taper below the shoulder will accept the secondary seal. The uniform size and shape of this Spacer will assure you the close tolerances required for dual seal fabrication.

Clear Anodized



DUAL SEAL SPACER
Universal Thickness for these Dual Seal Spacers is .250" (6.3 mm)



CAT. NO.	FINISH	SPACER WIDTH	QTY/CASE
99124	Clear Anodized	3/16" (4.8 mm)	500
99125	Clear Anodized	1/4" (6.3 mm)	350
99126	Clear Anodized	5/16" (7.9 mm)	250
99127	Clear Anodized	3/8" (9.5 mm)	200
99128	Clear Anodized	7/16" (11.1 mm)	175
99129	Clear Anodized	1/2" (12.7 mm)	175
99130	Clear Anodized	9/16" (14.3 mm)	170
99131	Clear Anodized	5/8" (15.9 mm)	150
99131A	Clear Anodized	11/16" (17.5 mm)	150
99132	Clear Anodized	3/4" (19 mm)	150

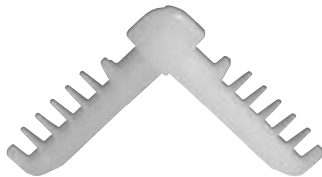
Minimum order: 20 stock lengths per size and color. Sizes can be combined for quantity pricing. Stock lengths are 12'8" (3.8 m). Must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Corners for Dual-Seal Spacer

- Used Exclusively With CRL Dual Seal Spacer
- Made From Durable Nylon

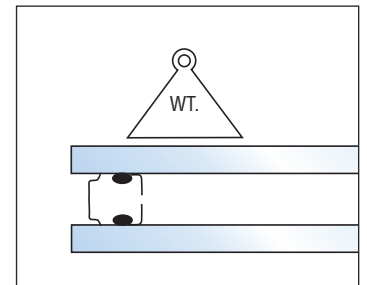
This CRL Nylon Corner for dual seal units has a patented design which allows it to lock tightly into the Spacer to assure a positive seal. Made from Nylon, these Corners won't crack or deteriorate over time. Use with CRL Low Profile Dual Seal Spacer only (see above). Quantity per case is 1000. Sold in increments of 100.

CAT. NO.	SIZE
92174	3/16" (4.8 mm)
92175	1/4" (6.3 mm)
92176	5/16" (7.9 mm)
92177	3/8" (9.5 mm)
92178	7/16" (11.1 mm)
92179	1/2" (12.7 mm)
92180	9/16" (14.3 mm)
92181	5/8" (15.9 mm)
92181A	11/16" (17.5 mm)
92182	3/4" (19 mm)



Minimum order 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Polyisobutylene (PIB) Primary Seal Tape



Polyisobutylene is used as the primary seal for dual seal systems, whether they are Polysulfide, Urethane, Hot Melt Butyl or Silicone. Polyisobutylene has excellent adhesion to glass and metal; excellent resistance to water, ozone, ultraviolet light and aging; excellent low-temperature flexibility. For more details on Polyisobutylene Tape, see page 826W.

CAT. NO.	ROLL LENGTH	ROLLS/CASE	FEET/CASE
2132559	210' (64 m)	10	2100' (640 m)

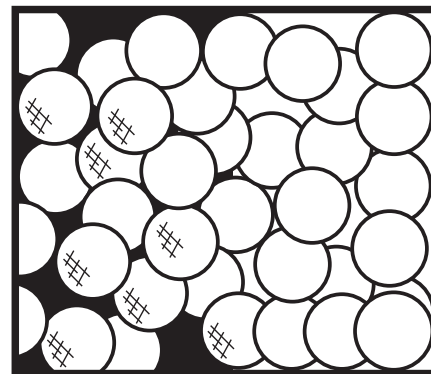
Minimum order: 1 case.

The Importance of Adsorbents

Molecular Sieve (MSD) has an excellent capacity for adsorbing water and chemical vapors, and is the most economical adsorbent on a cost-per-unit basis. MSD provides Insulated Glass fabricators with superior protection against fogging for a longer lasting unit. MSD is suitable for both cool and warm climates, and can be used for residential, architectural, and commercial applications.

MSD has a weight of 6.5 grams per foot in a 1/4" (6.3 mm) square channel. At 77°F (25°C) room temperature and a dew point of 60°F (16°C), 100 pounds (45 kg) of MSD would adsorb approximately 11-1/2 pounds (5.2 kg) of water. MSD is cost effective because it costs less per drop of water removed than any other adsorbent. This provides you with significant savings in unit production.

NOTE: It is only necessary to fill the two long legs of the spacer frame. Fill only one long and one short leg when the long side is greater than 2-1/2 times the length of the short side.



CRL MSD Molecular Sieve Adsorbent

- Standard Formula Removes Moisture From I.G. Units
- Three Standard Packaging Sizes
- Ask About Our High Volume Special Pricing

This CRL MSD Type Molecular Sieve is an all-purpose adsorbent for use in the fabrication of Insulating Glass units. It has an excellent capacity for adsorption of water and chemical vapors. MSD provides Insulating Glass fabricators with superior protection against fogging for a longer lasting unit.

MSD is suitable for both cool and warm climates, and can be used for residential, architectural, and commercial applications. CRL Molecular Sieve Adsorbent is cost effective because it costs less per drop of water removed than any other adsorbent. This means significant savings in unit production.

NOTE: Avoid prolonged skin contact when working with this product.

SPEC. DATA

MSDS



CAT. NO. MSD50B



CAT. NO. MSD5



CAT. NO. MSD325

CAT. NO.	CONTENTS	APPROXIMATE SHIPPING WEIGHT
MSD5	5 Pound (2.2 kg) Can	6 Pounds (2.7 kg)
MSD50B	55 Pound (25 kg) Box	57 Pounds (26 kg)
MSD325	325 Pound (147.4 kg) Drum	335 Pounds (152 kg)

Minimum order: 1 each. MSD325 must ship common carrier only.

CRL Low Deflection Molecular Sieve Adsorbent

- Low Deflection Formula Removes Moisture from I.G. Units
- Ask About Our High Volume Special Pricing

This CRL Low Deflection Molecular Sieve Adsorbent is a uniform bead product with a high capacity for both moisture and solvent vapor. MSD LDA features low deflection characteristics and benefits in both economy and performance. Longer unit life results from the minimization of unit seal stress and deflection. Two convenient packages are available, both designed to protect the product during shipment and storage.

NOTE: Avoid prolonged skin contact when working with this product.

SPEC. DATA

MSDS



CAT. NO. MSD50BLDA



CAT. NO. MSD325LDA

CAT. NO.	CONTENTS	APPROXIMATE SHIPPING WEIGHT
MSD50BLDA	55 Pound (25 kg) Box	57 Pounds (26 kg)
MSD325LDA	325 Pound (147.4 kg) Drum	335 Pounds (152 kg)

Minimum order: 1 each. MSD325LDA must ship common carrier only.

CRL Desiccant Filling Machine

- 12 Gallon Storage Container
- Fills Up to 35 Spacers at Once
- Visit crlaurence.com for Additional Insulating Glass Machinery

The CRL Desiccant Filling Machine is a fast, effective, and space-saving alternative for spacer bar filling. Fills up to 35 spacers at one time. The unit features all steel construction, and has a 12 gallon (45.4 l) storage capacity container for the desiccant. Its special spacer seal barrier and electric vibrator assure complete filling of the spacers. It can handle spacers of all sizes at the same time. Easy to operate and completely adjustable to a comfortable working height. Only one 110V AC source is required for the operation of the vibrator. Shipped knocked down F.O.B. Red Oak, TX. Minimum order is one each.



- Adjustable Working Height

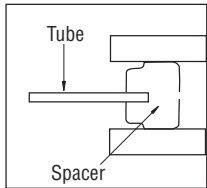
SPECIFICATIONS:

Height: 96" (2438 mm)
Length: 48" (1219 mm)
Width: 20-1/2" (520 mm)
Weight: 255 lbs. (116 kg)

CAT. NO. EDFM

CRL Aluminum Breather Tubes

- Equalizes Pressure in I.G. Units
- Larger Inside Diameter



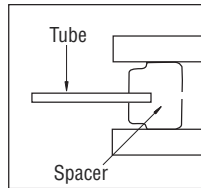
If your Insulating Glass units are transferred from low to high altitudes, or vice versa, install these CRL Breather Tubes into the spacer frame to equalize pressure. Upon arrival at the installation point, simply snip off the Tube below sealant surface, crimp the end and then seal. The larger inside diameter of the tube allows the unit to equalize the pressure faster. Available in two lengths.

CAT. NO.	LENGTH	I.D.	O.D.	QTY/PKG
3003	6" (152 mm)	.030" (.76 mm)	.050" (1.27 mm)	100

Minimum order: 100 each.

CRL Stainless Steel Capillary Tubes

- Equalizes Pressure in I.G. Units
- Does Not Have to be Crimped



If you transport Insulating Glass units from low to high altitudes, or vice versa, install these CRL Capillary Tubes into the spacer frame to equalize pressure. The smaller inside diameter of the Tube and longer length does not allow as much moisture to travel up the Tube. At the destination point the Tube does not have to be crimped and sealed, just bent over along the frame at the top of the unit.

CAT. NO.	LENGTH	I.D.	O.D.	QTY/PKG
CT12C	12" (305 mm)	.021" (.533 mm)	.031" (.787 mm)	100
CT12M	12" (305 mm)	.021" (.533 mm)	.031" (.787 mm)	1000

Minimum order: 100 each for CT12C; 1000 each for CT12M

CRL Test Kit for Molecular Sieve

- Used to Determine Freshness of MSD
- Easy to Use

Since the useful life of any adsorbent is reduced by excessive exposure to the atmosphere, daily testing of inventory with the CRL MSD Test Kit is recommended. The Kit lets you measure residual moisture quickly and easily. Kit contains two measuring glasses, one thermometer, one reference graph, and one instruction sheet. Minimum order is one each.

NOTE: Read instructions carefully and use caution when using this Test Kit. Work in an open area with good ventilation. A chemical reaction takes place when using.



CAT. NO. MSDTK

Fabricating Insulating Glass Units With Alternatives to Aluminum Spacers

Super Spacer® and Duralite® are the Latest Technology for High Performance Insulating Glass, Offering the Fabricator:

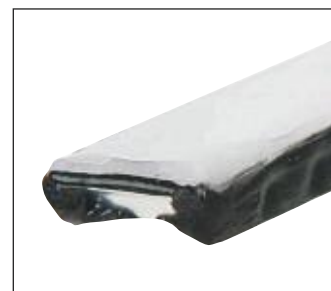
- **Low Start-Up Costs Because No Special Tools Are Required to Begin Using Either System**
- **Reduced Assembly Times Because There are No Aluminum Spacers to Cut or Fill With Desiccant**
- **Reduced Storage Space Because There are No Long Stock Lengths, Just Convenient Rolls**
- **Flexibility of Design, Since Insulating Glass Units of Any Shape Can Now Be Fabricated**

As buildings become ever-more complex, with radical architecture and the intentions of owners to make their environments more energy-efficient, it's nice to know that you can meet their needs for high performance Insulating Glass units in places where traditional aluminum spacers can't be used. Windows with curved tops or corners that don't meet at 90 degrees are not a design problem when using a spacer system that is flexible, and capable of following their shape.

CRL offers two such spacer systems, Super Spacer® and Duralite®, and on the next few pages you'll discover how both of them can improve your Insulating Glass unit fabrication process, and the ability to accommodate your customer's needs.



Super Spacer® is available
in nine widths.



Duralite® is available
in eight widths.

- **Super Spacer® and Duralite® are the Answer to the Problem of Fabricating Insulating Glass Units for Irregularly Shaped Windows**



Super Spacer and Duralite are registered trademarks of Quanex Building Products Corporation.

Fabricating Insulating Glass Units With Alternatives to Aluminum Spacers

Super Spacer® and Duralite® are Two of the Most Versatile Spacer Systems You Can Choose for the Fabrication of Quality Insulating Glass Units

So How Do You Choose Which System is Right for You?

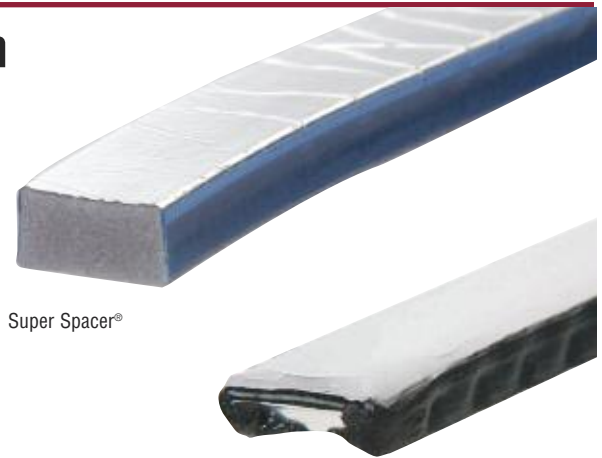
• Build a Trial Unit for Display

You can assemble a complete Insulating Glass unit with either Super Spacer® or Duralite® and keep your total investment to the cost of the spacer itself. There are no special tools needed to work with either of these systems, so building a trial unit is the best way to familiarize yourself with the simplicity of these systems. As they used to say, "Try it, you'll like it".

• Ask Our Insulating Glass Tech Experts

If you're unsure of what you need to start working with Super Spacer® or Duralite® we can help. Our Glass and Glazing Technical Sales personnel can help you make the choice. Tell us about the Insulating Glass project you are bidding and we can suggest just the right system, with materials and tools, to make your bid competitive in your market. And if your bid has special conditions, such as irregular shaped units, or units to be installed in difficult locations, we can help there too.

You can reach CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. You can also send e-mail from the home page of crlaurence.com. Click on Contact Us, and then click on Technical Sales.



Super Spacer®

Duralite®



CRL Super Spacer®

- Easy to Work With Spacer Available in Two Colors: Black and Gray
- Widths Ranging From 3/16" to 3/4" (4.8 to 19 mm)
- Convenient 66 Foot (20.1 Meter) Rolls Individually Sealed in an Airtight Foil Bag
- Can Be Used to Fabricate Both Rectangular and Non-Rectangular Shaped Units



CRL Duralite®

- Gray Color Spacer Available in Widths Ranging From 1/4" to 3/4" (6.3 to 19 mm)
- Convenient 66 Foot (20.1 Meter) Rolls and Money-Saving Bulk Rolls
- Packaged in Individually Sealed Airtight Foil Bags
- Can Be Used to Fabricate Both Rectangular and Non-Rectangular Shaped Units

Super Spacer and Duralite are registered trademarks of Quanex Building Products Corporation.

CRL Edgetech Super Spacer®

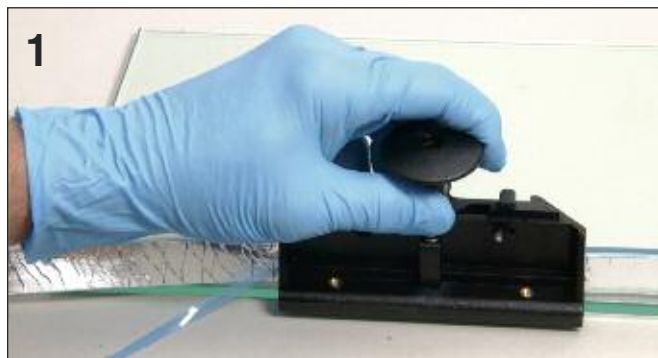
- The Most Versatile Spacer Available
- Allows Simultaneous Production of Regular and Special Shaped Insulating Glass Units
- Save Production Time - No Desiccant Beads to Add or Corner Keys to Assemble
- No Metal Spacer – Dramatically Reduces Condensation
- No Heat Compression Required
- Low Profile Spacer is Only 1/4" (6 mm) Thick
- Multi-Layer Vapor Barrier is Continuous at Corners
- Available in Gray or Black



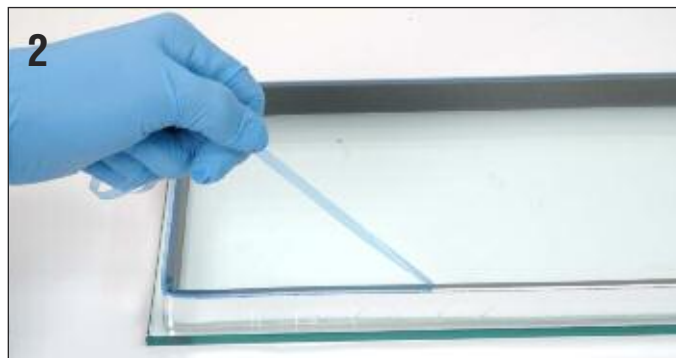
Magnification of non-metal structural foam shows millions of tiny insulating air pockets. This structural foam material has been shown to conduct heat at a rate over 950 times lower than that of aluminum, and 85 times less than that of stainless steel.



Convenient 66 Foot (20.1 m) Roll Package



Apply Super Spacer® to clean glass surface with SSNH or SSAPA as release liner is removed.



Remove second release liner.



Index second piece of clean glass and press on to Super Spacer®.



Apply CRL Hot Melt Butyl or Cat. No. 877 Sealant to seal the unit.

CRL Edgetech Super Spacer® is made from superior insulating silicone foam. The spacer essentially eliminates perimeter edge condensation and substantially reduces overall window heat loss. Because of the unique design features of Super Spacer® there are advantages in using this product for the fabrication of specialized insulating glass designs, including curved and odd shaped units, sound insulating, and triple-glazed units with art glass inserts.

For long-term durability, UV resistant silicone material is used to prevent spacer degradation. The flexible foam spacer accommodates glass bowing and thermal movement, and also helps ensure improved edge seal. The permeability of the foam allows for fast moisture pickup with the 40% desiccant composition. To reduce moisture vapor transmission and inert gas loss, the Super Spacer® is backed by a high performance, multi-layer barrier film.

Rolls are 66' (20.1 m) long. Other colors and bulk rolls are available on special order. **NOTE:** Super Spacer® cannot be used without an edge sealant. We recommend CRL Hot Melt Butyl or CRL 877 Sealant (see page 816W).

Super Spacer is a registered trademark of Quanex Building Products Corporation.

CAT. NO.	COLOR	ROLL LENGTH	WIDTH
SS31666	Gray	66' (20.1 m)	3/16" (4.8 mm)
SS1466	Gray	66' (20.1 m)	1/4" (6.3 mm)
SS51666	Gray	66' (20.1 m)	5/16" (7.9 mm)
SS3866	Gray	66' (20.1 m)	3/8" (9.5 mm)
SS71666	Gray	66' (20.1 m)	7/16" (11.1 mm)
SS1266	Gray	66' (20.1 m)	1/2" (12.7 mm)
SS91666	Gray	66' (20.1 m)	9/16" (14.3 mm)
SS5866	Gray	66' (20.1 m)	5/8" (15.9 mm)
SS3466	Gray	66' (20.1 m)	3/4" (19 mm)
SS1466BL	Black	66' (20.1 m)	1/4" (6.3 mm)
SS3866BL	Black	66' (20.1 m)	3/8" (9.5 mm)
SS1266BL	Black	66' (20.1 m)	1/2" (12.7 mm)
SS9166BL	Black	66' (20.1 m)	9/16" (14.3 mm)
SS5866BL	Black	66' (20.1 m)	5/8" (15.9 mm)
SS3466BL	Black	66' (20.1 m)	3/4" (19 mm)

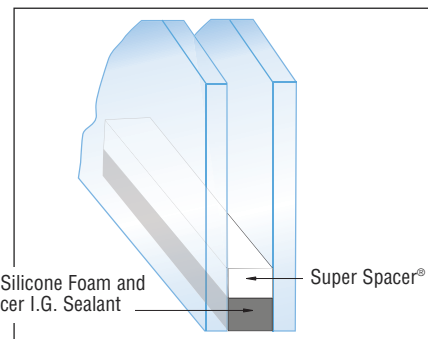
Minimum order: 1 roll. Colors and sizes can be combined for quantity pricing.

CRL Silicone Foam and Metal Spacer I.G. Sealant

- **One-Part Fast Cure Urethane With Low Solvent Formula Compatible With Super Spacer®**
- **Easy, Inexpensive Way to Make Low Production, High Quality Insulating Glass Units**

Cat. No. 877 Silicone Foam and Metal Spacer I.G. Sealant is a single component urethane for the fabrication of quality single seal insulating glass units. Simply attach a SGT Polyethylene Sealant Guide to match your Super Spacer® width and backfill to the edge of the glass. Cat. No. 877 is a special low-solvent formulation that is made to be compatible with Super Spacer's adsorbent, and does not require a polyisobutylene primary seal. Cat. No. 877 may also be used with adsorbent filled aluminum spacers.

877 Silicone Foam and Metal Spacer I.G. Sealant works best for assembly of Insulating Glass units when temperature is over 40°F (5°C), and when humidity is more than 40%. Tack free time is 45-60 minutes at 77°F (25°C). Cure time is 3/16" (4.8 mm) per 24 hours. **NOTE:** Insulating Glass units should be totally sealed with Cat. No. 877 within one hour of exposing Super Spacer® adsorbent or adsorbent filled aluminum spacers to the atmosphere. Minimum order is one each. All cartridge sealants can be combined for quantity pricing.



Cat. No. 877 Silicone Foam and Metal Spacer I.G. Sealant



10.3 Fl. Oz. (304 ml);
12 Cartridges per Case

CAT. NO. 877

CRL Polyethylene Sealant Guides

- **Fit on Tapered Nozzles for Insulating Glass Sealants**
- **Sizes From 3/16" to 3/4" (4.8 to 19 mm)**

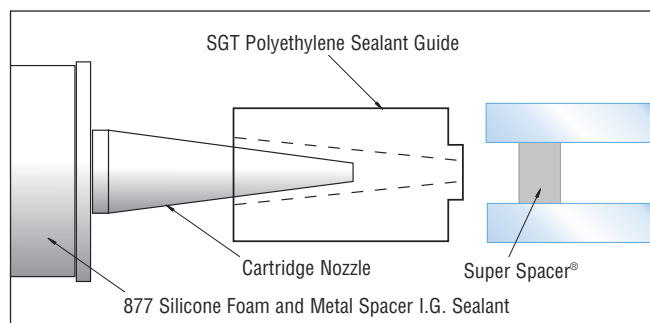
CRL Polyethylene Sealant Guides fit on the end of tapered cartridge nozzles for Insulating Glass sealants. The SGT Guide is designed to force sealant into the space between the two pieces of glass. Simply push the SGT Guide onto your nozzle and it is ready to use.



Polyethylene Adapter Nozzle **CAT. NO. 989**

The CRL Polyethylene Adapter Nozzle allows you to use SGT Sealant Guides with many different bulk sealant dispenser systems. Minimum order is one each.

Polyethylene Sealant Guides and Adapter Nozzles never need cleaning, because sealants will peel off when dry.



877 Silicone Foam and Metal Spacer I.G. Sealant



SGT Polyethylene Sealant Guide

POLYETHYLENE GUIDES

CAT. NO.	SIZE
SGT316	3/16" (4.8 mm)
SGT14	1/4" (6.3 mm)
SGT516	5/16" (7.9 mm)
SGT38	3/8" (9.5 mm)
SGT12	1/2" (12.7 mm)
SGT58	5/8" (15.9 mm)
SGT34	3/4" (19 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Super Spacer® Desiccant Activity Test Kit

- **Ensure Quality of Units Made**
- **Test Previously Opened Packages**

CRL Super Spacer® contains at least 40% of desiccant material by weight and, prior to unit fabrication, it is critical that this desiccant material is not pre-loaded with moisture before sealing the unit. Use this Test Kit to test the remainder of previously opened packages of Super Spacer®, and any unopened packages of Super Spacer® older than 36 months.

Any unused material can be repackaged in the flat roll bags with the foil packaging being heat-sealed or taped for desiccant protection. The unused, repackaged material must be stored elevated from the floor and away from any exterior walls. Minimum order is one each.

Super Spacer is a registered trademark of Quanex Building Products Corporation.

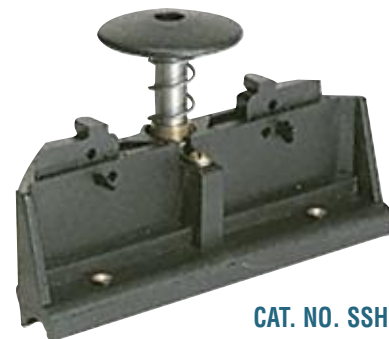


CAT. NO. DTK1

CRL Super Spacer® Hand Notcher

- Easy-to-Use Tool Simplifies Corner Notching
- Assures Consistent Placement of Super Spacer®

The CRL Super Spacer® Hand Notcher is designed to speed up the manual application of Super Spacer®. It simplifies corner notching and assures consistent placement of the foam Super Spacer® strip at a distance of 3/16" (4.8 mm) from the glass edge. Can be used with sizes ranging from 1/4" to 3/4" (6.3 to 19 mm) in width. Minimum order is one each.



CAT. NO. SSHN

CRL Super Spacer® Super Shuttle™ Applicator

- Hand Held Pneumatic Tool Speeds Application of Super Spacer®

The hand held CRL Super Spacer® Super Shuttle™ Applicator makes precision laying, notching, cornering, and splicing a simple one-step process in the manufacture of Insulating Glass units. The Applicator glides on the Super Spacer®, eliminating contact with the glass, which prevents marking of the vision area.

The CRL Super Shuttle ensures straight sightlines, perpendicular to the glass, and is fully adjustable for Super Spacer® sizes of 3/16" to 15/16" (4.8 to 23.8 mm) and set back distances of either 3/16" (4.8 mm) or 1/4" (6.3 mm). Requires 100 cfm to operate. Minimum order is one each.



CAT. NO. SSAPA

CRL Super Spacer® Groove Tool

- Cuts Groove in Super Spacer® for the Insertion of Leaded Glass Panels

The CRL Super Spacer® Groove Tool allows you to create your own grooved spacer for leaded and stained glass insert panels. By adjusting the centering guide to widths from 1/4" to 1" (6.3 to 25.4 mm) and pulling material across the blade, perfect grooves are quickly made. An adjustment screw on the bottom of the unit adjusts the blade for making either shallow or deep cuts. Two blades are included, and Cat. No. BK1056 Replacement Blades can be ordered separately. Minimum order is one each.



Uncut



Shallow Cut



Deep Cut



CAT. NO. LCSG1

CRL Bulk Reel Super Spacer® Stand

- Positioned for Speed
- Accommodates Any Size of Super Spacer®

This CRL Super Spacer® Stand is designed to accommodate any size Super Spacer® in bulk reels. The Stand features a unique base and cover for totally enclosing the Super Spacer®, thereby preserving its quality by keeping it airtight during application. Minimum order is one each.

Optional items for use with the Stand include a two-roll lid and two-roll arm. Contact Technical Sales regarding special order Bulk Roll pricing.

NOTE: Not for 66' (20.1 m) rolls.



CAT. NO. LRS22

CRL Super Spacer® Seminar DVD

- Demonstrates Proper Use of Super Spacer® and Accessories



This DVD demonstrates proper use of CRL Super Spacer®, showing how to make Insulating Glass units effectively using the product. It also shows different types of sealing methods to use with Super Spacer®. Minimum order is one each.

CAT. NO. DVDSS1

Super Spacer is a registered trademark of Quanex Building Products Corporation.

CRL TruSeal® Duralite®

- Complete Spacer and Sealant in One Tape
- Contains No Metal for Improved Warm Edge Thermal Performance
- EnergySTAR® Labeled Technology
- Improved Condensation Resistance
- Reduced Total Window U-Value
- Superior Argon Gas Retention
- Same Spacer Used for Standard and Specialty Windows



SPEC. DATA

MSDS



Spacer Sub-Assembly

A unique multi-component spacer that is bendable yet incompressible and stable.



Bondline Adhesive

Proprietary high performance adhesive providing exceptional resistance to gas and moisture vapor transmission.

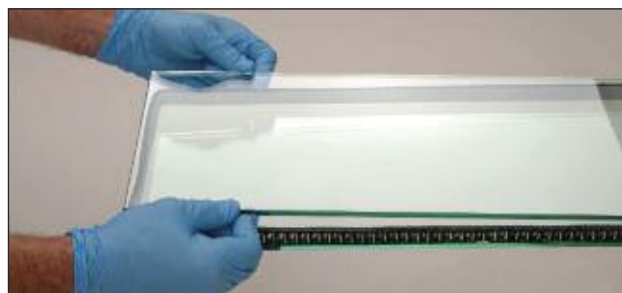


Desiccated Topcoat

Desiccant concentrated in the top layer provides rapid dew point suppression.



Apply Duralite® to clean glass surface with Applicator or by hand.



Index second piece of clean glass and press on to Duralite®.



Apply Spring Clamps or Mechanical Press with Heat Lamp to seal the unit.

TruSeal and Duralite are registered trademarks of Quanex Building Products Corporation.

CRL Duralite®'s patented technology incorporates unique materials and a breakthrough in continuous composite manufacturing processes. This advanced technology offers a higher performance spacer system at a competitive price. Duralite® takes optimum advantage of laminates and adhesives to reduce thermal conductivity, while improving surface and corner appearance over other insulating glass spacers.

Duralite® allows the window fabricator to produce Insulating Glass units with one spacer system. The fabricator can increase productivity and flexibility, while eliminating customer concerns over having dissimilar spacers in special versus standard windows. A single spacer system for both standard and special units has become an important factor in today's competitive marketplace where a high percentage of manufactured units are non-rectangular.

Other colors and sizes of Duralite® are available on special order. Swiggle/Edgetherm DS and FS is available for our customers in Australia. Contact CRL Door and Window Department or go to crlaurence.com for additional information.

DURALITE® STANDARD ROLLS

CAT. NO.	COLOR	WIDTH	ROLL LENGTH
DS6614	Gray	1/4" (6.3 mm)	66' (20.1 m)
DS66516	Gray	5/16" (7.9 mm)	66' (20.1 m)
DS6638	Gray	3/8" (9.5 mm)	66' (20.1 m)
DS66716	Gray	7/16" (11.1 mm)	66' (20.1 m)
DS6612	Gray	1/2" (12.7 mm)	66' (20.1 m)
DS66916	Gray	9/16" (14.3 mm)	66' (20.1 m)
DS6658	Gray	5/8" (15.9 mm)	66' (20.1 m)
DS6634	Gray	3/4" (19 mm)	66' (20.1 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

DURALITE® BULK ROLLS

CAT. NO.	COLOR	WIDTH	ROLL LENGTH
BDS14	Gray	1/4" (6.3 mm)	2640' (804 m)
BDS516	Gray	5/16" (7.9 mm)	2500' (762 m)
BDS38	Gray	3/8" (9.5 mm)	2240' (682 m)
BDS716	Gray	7/16" (11.1 mm)	2030' (618 m)
BDS12	Gray	1/2" (12.7 mm)	1750' (533 m)
BDS916	Gray	9/16" (14.3 mm)	1630' (497 m)
BDS58	Gray	5/8" (15.9 mm)	1520' (463 m)
BDS34	Gray	3/4" (19 mm)	1310' (399 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Duralite® Quartz Heat Lamp

- Use With Deluxe Handy Clamps for Proper Compression of Duralite®
- Softens and Wets Out Adhesive

The CRL Duralite® Quartz Heat Lamp provides softening and wetting of the Duralite® adhesive. The powerful 600 watt Quartz Lamp provides plenty of heat. Hold at least 12" (305 mm) away from the glass edge to achieve approximately 120°F (49°C) of heat required which allows for adequate compression when used with Deluxe Handy Clamps. Requires 115V AC. Includes dark glasses to protect eyes from glare. Minimum order is one each.



CAT. NO. TL2

CRL Duralite® Peak Tool

- Aids in Consistent Application of Duralite®
- Indexes Edge of Glass for Improved Sightlines

The CRL Duralite® Peak Tool is a hand tool that aids in the manual application of Duralite® for proper indexing of the material to the edge of the glass. It helps you make straighter sightlines, improving the overall appearance and quality of your Insulating Glass units. Rolls of Duralite® are fed through the Peak Tool by hand, which eases application. Training is minimal, and all widths of Duralite® can be used. Minimum order is one each.



CAT. NO. DSPT1

CRL Duralite® Pro Tool

- Aids in Application of Duralite® on Air Flow Tables
- Eliminates Operator Contact With Glass Surfaces

The CRL Duralite® Pro Tool helps maintain consistent, high quality Insulating Glass unit production by eliminating all operator contact with glass surfaces. This helps to ensure a clear vision area and create an attractive, straight sightline. The precision-made Duralite® Pro Tool features a pivot pin enabling the applicator to form uniform 90-degree corners. Rubber protected guide wheels help to prevent chipping of the glass. Minimum order is one each.

NOTE: For information about air tables contact CRL Door and Window Department.



CAT. NO. SPT501

CRL 6" Deluxe Handy Clamp

- Evenly Spreads Force Over Insulating Glass Unit

Duralite® Insulating Glass units require compression for a proper seal. You can use these 6" (152 mm) CRL Deluxe Handy Clamps to achieve that compression. Simply position Handy Clamps every 6" (152 mm) around the perimeter of the unit for even pressure and a uniform seal. Maximum jaw opening is 2" (51 mm). Minimum order is one each.



CAT. NO.
JC3202HT

CRL Straight Cut Snips

- Easily Cuts Duralite® Spacer



Use these Straight Cut Snips to cut and trim Duralite® during fabrication of Insulating Glass units. Maximum cut length is 1-3/8" (35 mm). Overall length is 9-3/4" (248 mm). Minimum order is one each.

CAT. NO. M3R

Duralite is a registered trademark of Quanex Building Products Corporation.

CRL Hot Melt Butyl

CRL Hot Melt Butyl Insulating Glass Sealant is a 100% solids, hot applied butyl-based sealant designed to give tenacious adhesion to glass and aluminum for a moisture proof seal in Insulating Glass units. The product is a one-component sealant system with lower moisture vapor transmission rates than current polysulfide, silicone, or polyurethane systems. It has been formulated to support the operation of multiple application guns from a single pump station. This easy to apply sealant offers exceptional performance under environmental exposure to ultraviolet light, temperature extremes, and moisture. It exceeds ASTM E-773/E-774 specifications. Technical Data for N420LB and N4305GL available at crlaurence.com.

- Hot Applied for Exceptional Flow
- Low Moisture Vapor Transmission Rate
- Excellent Adhesion to Glass and Metal
- Packaged in a Variety of Forms to Suit Your Application System

TECH DATA FOR CRL307 SERIES HOT MELT BUTYL

Color.....	Black
Moisture Vapor Transmission Rate.....	0.35 g/m ² /24 hr.
Suggested Application Temperature.....	350 to 400°F (175 to 204°C)
Brookfield Thermosel Viscosity at 374°F (190°C).....	275,000 cps
Shear Strength (Aluminum/Aluminum).....	50 psi cohesive failure
Average Setting Time...Window units may be moved after 3 minutes cooling time	
Weight per Gallon.....	9.91 lb (4.5 kg)

CRL Hot Melt Butyl Cakes

- Convenient Cake Form is Easy to Use



CRL Hot Melt Butyl Cakes are easy to use in CRL SS96, Aztech ATXM1, and ATX11 dispensing systems.

CAT. NO.	APPROX. SIZE	WEIGHT/CASE
CRL30703	7-1/2" x 4" x 2-1/2" (190 x 102 x 63.5 mm)	48 lbs (22 kg)

Minimum order: 48 pounds. Must be ordered in increments of 48 pounds.

CRL Hot Melt Butyl Chunks

- Fit All Large Hot Melt Butyl Dispensers



CRL Hot Melt Butyl in chunk packaging is for larger dispensers, such as CRL Aztech Mini (Cat. No. ATXM1) and Aztech II (Cat. No. ATX11). The Chunks are dropped into the melting pots whole.

NOTE: Hot Melt Butyl is dispensed at operating temperatures of 400°F (204°C). Wear the proper safety gear including gloves, arm guards and protective eyewear to avoid burns and other injuries.

CAT. NO.	APPROX. SIZE	WEIGHT/CASE
CRL30706	2-1/2" x 6" x 7-1/2" (63.5 x 152 x 190 mm)	48 lbs (22 kg)
N420LB	3" x 6" x 7-1/2" (76 x 152 x 190 mm)	50 lbs (23 kg)

Minimum order: 48 pounds for CRL30706 and 50 pounds for N420LB. Must be ordered in those increments.

CRL Hot Melt Butyl in Pails



- For 5 Gallon Pail Hot Melt Butyl Dispensers

CRL Hot Melt Butyl in 5 gallon pails applies with any hot melt pumping system for 5 gallon pails.



CAT. NO.	CONTAINER	NET WEIGHT
CRL30705	5 gal. (19 l) Pail, net 4 gal. (15 l) Butyl	41 lbs (18.5 kg)

Minimum order: 1 pail.

CRL Hot Melt Butyl in Drums



- For 55 Gallon Drum Hot Melt Butyl Dispensers

CRL Hot Melt Butyl in 55 gallon drums applies with any hot melt pumping system for 55 gallon drums.



CAT. NO.	CONTAINER	NET WEIGHT
CRL52055GL	55 gal. (208 l) Drum, net 48 gal. (182 l) Butyl	485 lbs (220 kg)

Minimum order: 1 drum.

CRL SS96 Hot Melt Butyl Gunning System

- An Efficient Machine for Insulating Glass Fabrication
- Dispenses CRL30703 Hot Melt Butyl Cakes
- Includes 8' Flexible Hose and Handgun
- Our Most Popular Model

The CRL Hot Melt Butyl Gunning System is compact and versatile. Its unique pumping action eliminates entrapped air in the sealant. The pump has a 10 pound (4.53 kg) tank capacity with a temperature range from 100°F to 425°F (37°C to 217°C). CRL Hot Melt Butyl can be added while gunning, and an adjustable flow control valve knob regulates the sealant output.

An 8' (2.4 m) Flexible Hose with variable 350°F to 450°F (177°C to 232°C) temperature control is coupled with a lightweight, heated handgun that features a swivel and trigger lock action. Two adjustable temperature controllers located inside the electrical enclosure regulate the temperature of the melting tank and the handgun/hose assembly. The SS96 does not use compressed air, and operates quietly. The mechanical and electrical systems contain few moving parts, resulting in less down time and low maintenance operation. Total shipping weight, including wood crate, is 120 pounds (54 kg).



8' (2.4 m) Heated Hose (Included with SS96)

Handgun Assembly (Included with SS96)

SS96 SPECIFICATIONS

ELECTRICAL

Voltage - 115 VAC, 60 Hz with ground
240V Models Available on Special Order
Wattage - 1265 Watts
Motor Rating - 1/6 hp, gearbox
38 rpm output
Warm-Up Time - 45-60 minutes

FUNCTIONAL

Melt Rate - 8 lbs. (3.6 kg)/hour
Pump Output Rate (Maximum) - 40 lbs. (18.1 kg)/hour
Tank Temperature Range - 100-425°F (37-217°C)
Tank Capacity - 10 Lb. (4.5 kg)
Gun/Hose Temperature Range - 350-450°F (177-232°C)

CAT. NO.	DESCRIPTION
SS96	Hot Melt Butyl Gunning System
SS26263N	8' (2.4 m) Replacement Heated Hose
SS75085000	Replacement Handgun Assembly

Minimum order: 1 each. SS96 must ship common carrier only.

CRL Insulating Glass Hot Trim Knife

- Speeds Up I.G. Unit Production
- Works on Standard 110V AC Power



The CRL Insulating Glass Hot Trim Knife trims excess hot melt butyl from single or stacked units. It's the fast and efficient way to finish off single or dual sealed hot melt butyl units. This light, easy to handle Knife also can be used to cut up large slugs of hot melt butyl sealant for faster melting in a thermal extruder system.

Replacement Tips are available when the current Tip on your Hot Trim Knife becomes worn and caked with excess butyl. Made from solid brass, these Tips can be used for quite a long time before they need to be replaced.

CAT. NO.	DESCRIPTION
1BK990	Hot Trim Knife With Tip
RT90	Replacement Tip

Minimum order: 1 each.

CRL Brass Tip Nozzles

- Speeds the Application of Insulating Glass Sealant
- Made From Solid Brass

CRL Brass Tip Nozzles may be used with almost all automated sealant dispensing systems. These Nozzles have a ridge that fits between the lites of glass to make the application of hot melt butyl much smoother. Nozzles may be used with our HEG522 or SS96, and all other hot melt extruders.



Brass Tip Nozzle



Brass Pipe Nipple
CAT. NO. E9133

The CRL Brass Pipe Nipple works with the Cat. No. HEG522 Hot Extruder Gun and allows for the attachment of CRL Brass Tip Nozzles. Minimum order is one each.

BRASS TIP NOZZLES

CAT. NO.	SIZE
BN3	3/16" (4.8 mm)
BN4	1/4" (6.3 mm)
BN5	5/16" (7.9 mm)
BN6	3/8" (9.5 mm)
BN7	7/16" (11.1 mm)
BN8	1/2" (12.7 mm)
BN10	5/8" (15.9 mm)
BN12	3/4" (19 mm)

Minimum order: 1 each.

CRL Aztech Mini Hot Melt Butyl Dispensing System

- **Fast Heat-Up Time; 200°F to 400°F Operating Range**
- **Used to Dispense CRL30703, CRL30706, and N420LB Chunk or Chip Form Hot Melt Butyl**

The CRL Aztech Mini Hot Melt Butyl Dispensing System is a compact table-top hot melt gunning unit designed for production rates of up to 50 pounds (22.7 kg) of hot melt sealants or adhesives per day. The pot holds approximately 20 pounds (9 kg) of material. Additional material may be added to the pot at any time during production. A heavy-duty progressive cavity pump provides a uniform, pulse free adjustable flow rate for hand gunning or automatic dispensing. Operating range from 200 to 400° F (93 to 204° C). An 8' (2.4 m) heated gunning hose and a trigger actuated hand gun with a swivel coupling is supplied with the unit. A variety of nozzles and dispensing heads are available. Clean up is minimal. The power is simply turned off when the equipment is no longer needed, and reheated when required. Heat-up time is approximately one hour. Minimum order is one each. F.O.B. Somerville, New Jersey.



Stand with Casters Sold Separately. CAT. NO. ATXS

CAT. NO. ATXM1

MEASUREMENTS

Width: 19" (482 mm), Height: 16" (406 mm)
Length: 24" (609 mm), Weight: 90 Lbs. (40.8 kg)

CRL Aztech II Hot Melt Butyl Dispensing System

- **For Heating and Dispensing CRL30706 and N420LB Hot Melt Butyl in Chip, Chunk, or Slug Form**
- **Adjustable Temperature Control**

This CRL Aztech II Hot Melt Butyl Dispensing System extrudes chunk, slug or chip-form hot melt butyl sealants from a heated hopper-type pot that also serves as the body of the positive displacement extruder pump. The extruder pump is driven by a 1/2 HP motor mounted on a direct drive gear reducer that is coupled to the pump drive shaft by a double-belt pulley. An internal screw auger moves material into the mouth of the pump. The pot holds approximately 30 pounds (14 kg) of material, and the system is designed for production rates of up to 200 pounds (90.7 kg) of hot melt sealants or adhesives per day. The heated 12' (3.7 m) hose is steel braided with a spring guard to prevent excessive flexing. Separate rheostats for hose and pot range up to 400°F (204°C). Operates on 220 Volts. Minimum order is one each. F.O.B. Somerville, New Jersey.



Stand with Casters Sold Separately. CAT. NO. ATXS

CAT. NO. ATX11

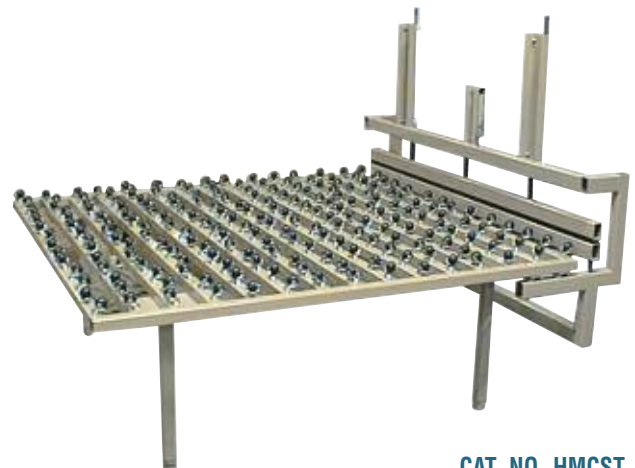
MEASUREMENTS

Width: 30" (762 mm), Height: 19" (482 mm)
Length: 31" (787 mm), Weight: 180 Lbs. (81.6 kg)

CRL Hot Melt Clamp Table

- **Clamp Units Up to 4" Thick**
- **Aids in the Assembly of Insulating Glass Units**

The CRL Hot Melt Clamp Table has heavy-duty tubular steel construction. This tubular framed clamping unit consists of a stabilizer unit in the bottom, which is a horizontal bar powered by a 4" (102 mm) bore x 2" (51 mm) stroke pneumatic cylinder actuated by a hand lever on the frame. The clamping head has a horizontal bar lined with a 1" square (25 mm square) strip of closed cell, 40 durometer shore "A" neoprene rubber; powered by a 2" (51 mm) bore x 8" (203 mm) stroke pneumatic cylinder actuated by a foot pedal. The stabilizing bar comes up from the bottom and the clamp head comes down from the top to secure glass and spacer along one edge for sealant application. The clamping unit must be released and the unit rotated and reclamped to seal each side. Requires 100 psi and seven cfm air supply. F.O.B. Red Oak, Texas. Minimum order is one each.



CAT. NO. HMCST

To see the complete selection of CRL Insulating Glass products, see our catalog CRL73, pages K568-K612 or visit us at crlaurence.com.

CRL Hot Melt Extruder Gun

- Variable Extrusion Rates to 1/2 Pound Per Minute
- Two to Four Minutes Start-Up Time
- Lightweight and Portable

This CRL Hot Melt Extruder Gun is a specially designed portable gun for applications requiring the use of hot flow materials, such as Hot Melt Butyl Sealant for the fabrication of Insulating Glass units. The Gun features a heated barrel with a trigger control, hydraulic pressure for constant uniform flow without pulsing or air gaps, and a quick-refilling capacity to reduce your down time.

The conical design within the sealant chamber allows trapped air to bleed backward to maintain a uniform material flow. By attaching the optional Cat. No. RH522 CRL Butyl Rope Holder (not included), this unit will hold one roll of CRL Hot Melt Butyl Rope.

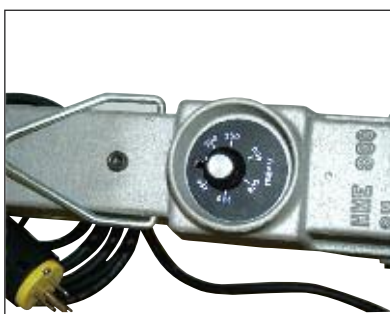
Variable temperature setting from 200 to 400°F (93 to 204°C) with the 610 Watt heater. The Gun weighs only 11 pounds (5 kg) for easy maneuverability.



Hot Melt Extruder Gun
CAT. NO. HEG522



Hot Melt Butyl Rope Holder
CAT. NO. RH522



Variable Temperature Settings



Hot Melt Butyl Rope Holder (Optional Accessory)

CAT. NO.	DESCRIPTION
HEG522	Hot Melt Extruder Gun
RH522	Optional Butyl Rope Holder

Minimum order: 1 each.

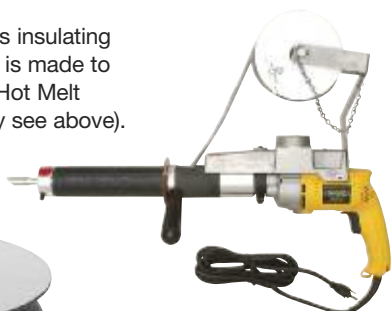
CRL Hot Melt Butyl Rope

- Rope Form for Use in CRL HEG522 Hot Melt Extruder Gun

CRL Hot Melt Butyl Rope is insulating glass sealant in rope form. It is made to use in our Cat. No. HEG522 Hot Melt Extruder Gun (sold separately see above).



For ease of use we suggest the optional RH522 Butyl Rope Holder (see above).



CAT. NO.	PACKAGING	ROLLS/CASE
N415	4.5 Lbs. (2 kg) Rolls, Approximately 551' (16.8 m) Long	8

Minimum order: 1 roll.

CRL Hot Melt Butyl in Cartridges

- For Use With Thermal Extruder Guns



This is our one-part cross-link CRL Hot Melt Butyl Insulating Glass sealant in 11 ounce (325 ml) metal cartridges for use with thermal extruder guns. 100% solids content features low moisture vapor transfer rate, excellent adhesion to glass and metal, low shrinkage, high performance under all weather conditions. The sealant cools within five to 10 minutes to form a strong resilient seal. Cartridges require pre-heating prior to application.



CAT. NO.	CONTENTS	CTG/CASE
N415TU	11 Fl. Oz. (325 ml)	24

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL 9542 Insulating Glass Silicone Sealant

- Specially Formulated for the Manufacture of Dual Seal Insulating Glass Units
- Excellent Glass-to-Glass Adhesion
- Resistance to UV Light and Weather Extremes

CRL 9542 Insulating Glass Silicone is a single component, neutral cure silicone glass sealant specifically designed for producing long lasting insulating glass units when used with a primary seal of polyisobutylene (page 826W). 9542 contains adhesion promoting additives for excellent glass-to-glass adhesion, and is resistant to ultraviolet light and weather extremes. CRL 9542 has a functional temperature range of -80°F to 400°F (-62°C to 204°C).

It is available in easy-to-use 10.3 fl. oz. (305 ml) cartridges or 52 gallon drums for bulk dispensing. This product is black in color. Tack-free time is 30 minutes; fully cures 1/8" (3 mm) thickness in 24 hours. Units may be cautiously moved after 24 hours. Full strength is obtained in seven days. See page 816W for Neutral Cure Silicone to be used as a compatible bedding sealant for I.G. units.



10.3 Fl. Oz. (305 ml);
30 Cartridges per Case,
1440 Cartridges Per Pallet;
Screw-On Nozzle



Additional
Nozzles
Available
Cat. No.
S1LN0Z

TECHNICAL DATA: Meets or exceeds Federal Specifications TT-S-1543A, Class A (COM-NBS) for silicone building sealants; TT-S-00230C, Class A (COM-NBS) for one-component silicone sealants; ASTM C-920 for elastomer joint sealants, Type S, Grade NS, Class 25, Use NT, G, A; CGSB 19GP-13.

CAT. NO.	COLOR	CONTENTS
9542	Black	10.3 Fl. Oz. (305 ml)
954252GL	Black	52 Gallons (197 L)

Minimum order: 1 each. 954252GL must ship common carrier.

CRL 12 Volt DC Variable Speed Cordless Cartridge and Sausage Caulking Gun for Lightweight Sealants

- Dispenses Standard Cartridges
- Variable Speed Trigger Controls Flow of Sealant
- Complete With 12 Volt Battery, One Hour Charger and Molded Plastic Carrying Case

CRL 12V DC Cordless Cartridge Caulking Gun operates on a 12 Volt DC Rechargeable Battery and comes with a One Hour Charger. The variable speed control is in the trigger for easy adjustments in speed. It is ideal for glazing contractors, building contractors, roofers, cabinet makers, OEM fabricators, window manufacturers and installers, or anyone who applies a lot of silicone or acrylic latex sealant and wants an easier, more professional way of getting the job done without the restrictions of cords or hoses. Affordable and effective, this gun also comes with a 90 day warranty.



CAT. NO.	DESCRIPTION
LD188	12 Volt Cordless Cartridge/Caulking Gun Kit
LD188B	12 Volt DC Battery Pack
LD188C	One Hour Battery Charger
LD188AU	240 Volt Caulking Gun Kit-Australia
LD188C240VAU	240 Volt Battery Charger-Australia
LD188EU	240 Volt Caulking Gun Kit-Europe
LD188C240VEU	240 Volt Battery Charger-Europe

Minimum order: 1 each.

CRL 12 to 1 Ratio Strap Frame Caulking Gun

- Our Most Popular Strap Frame Model
- Holds Standard Caulking Cartridges



CRL 12 to 1 Ratio Caulking Gun has the smooth operation of a friction rod, plus a large handle and trigger. Perfect for dispensing low to medium viscosity materials. Strap frame rotates to move nozzle tip where needed. Minimum order is one each.

CAT. NO. GA1203

All Caulking Guns can be combined for quantity pricing.

CRL Aluminum Air Powered Gun

- Holds Standard Cartridges
- Air Regulator Pressure Adjuster



A superb quality, lightweight aluminum air powered gun. The 2" x 10" (51 x 254 mm) drawn aluminum barrel holds all standard size cartridges. Gun dispenses materials smoothly and uniformly with just a trigger squeeze, and connects to standard 1/4" (6.4 mm) hose fittings. It has an instant release valve to stop material flow, true air regulator, and can operate at up to 100 psi maximum. Minimum order is one each.

CAT. NO. WG61001

CRL Two-Part Polysulfide Insulating Glass Sealant

- Compatible With Aluminum Spacers
- Resistant to Weather, Ozone, Sunlight, Heat and Cold

CRL Two-Part Polysulfide Insulating Glass Sealant seals insulating glass windows against moisture, cold and heat. It outperforms competitive polysulfide sealants in resistance to moisture, sunlight, aging and weathering. CRL Two-Part Polysulfide Insulating Glass Sealant maintains outstanding adhesion to glass, aluminum, and other spacer and corner materials under the most severe weather conditions. Cures rapidly to permit easy cutting and handling within four to 12 hours at room temperature or even less time at elevated temperatures. High strength and low cost make it attractive for dual and single-seal windows. Sealant passes SIGMA specifications for durability of Insulating Glass units.

NOTE: Proper mixing and correct proportions are extremely important to obtain optimum results. Mixing by experienced personnel at a central location is recommended. CRL Two-Part Polysulfide Insulating Glass Sealant working time at 75°F (24°C) can be formulated to be between 10 and 60 minutes to suit customer requirements.

CAT. NO.	COLOR	CONTENTS
N400G15	Black	1-1/2 Gallons (5.7 l)
N4005GL	Black	5 Gallons (18.9 l)
N40055GL	Black	55 Gallons (208.2 l)

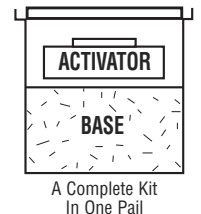
Minimum order: 1 each. N40055GL Ships via common carrier F.O.B. Delaware.



CRL Two-Part Polyurethane Insulating Glass Sealant

- Compatible With Edgetech Super Spacer™
- Low Moisture Vapor Transfer Rate
- Can Be Used With Adsorbent Filled Aluminum Spacers

CRL Two-Part Polyurethane is an effective edge seal used for fabricating Insulating Glass units. Best when mixed by weight, when using only as much as you need. Correct proportioning mixing ratio by weight is 14.8 to 1. Mix with a portable drill mixer and apply with a flexible blade putty knife. N600G15 contains no solvents, allowing it to be used safely with Super Spacer. Set time is three hours when properly mixed.



CAT. NO.	COLOR	CONTENTS
N600G15	Black	1-1/2 Gallons (5.7 l)
N60055GL	Black	55 Gallons (208.2 l)

Minimum order: 1 each. N60055GL Ships via common carrier F.O.B. Delaware.

CRL Paddle Mixer

- For Pails Up to Five Gallons
- Zinc Plated Steel



This CRL Paddle Mixer is zinc plated steel and used with larger containers of material, up to 5 gallons (18.9 liters). Its opposing bent blades completely mix putties, mastics, paints, sealants, etc. Paddle Mixer requires a drill with a 3/8" chuck and low RPM. Overall length is 15-3/8" (391 mm). Paddle head is 4-1/4" (108 mm). Minimum order is one each.

CRL Jiffy Mixer

- For Pails Up to Three Gallons
- Stainless Steel Construction



Operate this CRL Jiffy Mixer with any power tool at a recommended 450 to 750 RPM in an open container. Overall length is 10-1/4" (260 mm). Mixing head is 2-5/8" (67 mm) diameter. Minimum order is one each.

CRL Polyisobutylene Primary Seal

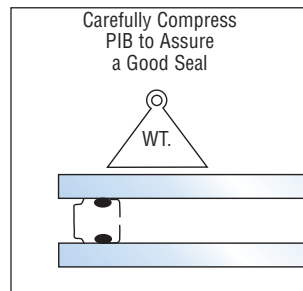
- Used to Manufacture Dual Seal Insulating Glass Units
- Exceptional Low Vapor Transmission
- Keeps Units From Fogging

CRL Polyisobutylene is used as the primary vapor seal in dual sealed Insulating Glass units. It is a one-part, non-drying, non-hardening material for dual seal fabrication in either tape or slug form. Primarily used in conjunction with CRL Insulating Glass Silicone, Polyisobutylene adheres to glass and metal, and resists water, ozone, and ultraviolet light.

The tape form is applied by hand to the sides of Dual Seal Spacer. Slugs are used in automated machines for application to the Spacer. CRL Polyisobutylene is made under the highest quality control conditions possible. With 100% solid content, it's compatible with any secondary seal.



Tape Form



Slug Form

POLYISOBUTYLENE TAPE

CAT. NO.	ROLL LENGTH	ROLLS/CASE	FEET/CASE
2132559	210' (64 m)	10	2100' (640 m)

Minimum order: 1 case.

POLYISOBUTYLENE SLUGS

CAT. NO.	SIZE	WEIGHT	SLUGS/CASE
BK129	7-1/2" Dia. (190 mm) x 9" (229 mm)	15 lbs. (6.8 kg)	4

Minimum order: 1 case.

CRL 3" Flexible Knife



- High-Carbon Flexible Steel Blade
- Large Soft Grip Handle

Our CRL Flexible Blade Knife features a high-carbon steel blade set in a large soft grip handle. Blade width is 3" (76 mm). Overall length is 9" (229 mm). Excellent for hand application of Two-Part Insulating Glass Sealants. Minimum order is one each.

CAT. NO. HW035

CRL 6" Deluxe Handy Clamp

- Evenly Spreads Force Over Insulating Glass Unit
- Vinyl Tips and Grips

CRL Deluxe Handy Clamps hold Insulating Glass Spacers in place during the sealing process. The modern design of the Clamp minimizes the spread between handle ends, and makes the "grip" more comfortable for the user. Heavily plated steel Clamps have smooth, bright finish to resist corrosion. Maximum jaw opening is 2" (51 mm). Minimum order is one each.



CAT. NO. JC3202HT

The Importance of Working With Clean Glass

In the making of Insulating Glass units, it is imperative that the glass be clean. Many commercial cleansers on the market do an excellent job; however, some manufacturers incorporate a release agent to prevent future dirt buildup. These agents are good if you are cleaning windows, but if they are used in the area in which you expect adhesion with your sealant, problems will occur.

Sealants will not adhere to release agents, and you will have failures after the unit is out in the field. Be certain that the glass cleaner does not contain these additives, and do not use the product if a statement such as "leaves an invisible film on the glass" appears on the label. CRL Glass Cleaners 1973, 3371100, 695, and 895 for washing by hand, or CRL 155X, and 3379046 for automatic glass washers, have been tested and found to be ideal (see below). **NOTE:** If washing the glass by hand, it must be cleaned with Lint Free Wipes such as CRL 1550, and all cleaned glass should only be handled with Cat. No. NG171 Lint Free Gloves to prevent oily fingerprints and/or contamination.

CRL 1973 Glass Cleaner

- A Long Time Favorite of the Glass Industry
- Low-Ammoniated Formula
- Pleasant Aroma



CRL 1973 Glass Cleaner, a long time favorite of CRL customers, is a low ammoniated glass cleaner that is packaged in original 19 ounce (539 g) cans and new 4 ounce (113 g) Mini cans. 1973 features effective cleaning agents and a pleasant aroma, with the added feature of Sprayway's logo, so your customers will be able to identify the quality of this product. Minimum order is one case of 12 cans.

NOTE: Also available with your Logo or Private Label right on the can. Contact CRL Customer Service for details and pricing for this unique service.

SIZE **new**



CAT. NO. 1973
19 oz. (539 g)



Comfort-Use Finger
Pad Nozzle



CAT. NO. 1973M
4 oz. (113 g)



CRL Hi-SHEEN® Glass Cleaner

- Industrial Strength Cleaner
- Lifts Residues From Non-Porous Surfaces
- Won't Leave Streaks, Blurs or Rainbows

CRL Hi-SHEEN® Glass Cleaner has been faithfully cleaning commercial and residential glass since 1970. It's dependable, no-nonsense aerosol formula is the reason, year after year, CRL Hi-SHEEN® is always a popular product! Having an effective, reliable glass cleaner is just as important today as it was 40 years ago. This is a great resale item for glass shops. Minimum order is one case of 12 cans.

NOTE: Also available with your Logo or Private Label right on the can. Contact CRL Customer Service for details and pricing for this unique service.



Resale Display Carton



CAT. NO. 3371100
19 oz. (539 g)

CRL S50 Sprayway® Glass Cleaner

- Ammonia Free Formula
- Fast Evaporation Rate, Just Spray and Wipe Clean

CRL S50 is Sprayway's® leading glass cleaner. The formula includes perfume-grade alcohols, which are the best cleaning agents you can use. It also has a fast evaporation rate, which keeps it from leaving a film and adversely interacting with other materials. Large 19 ounce (539 g) cans are packed 12 per case. Minimum order is one case.

NOTE: Also available with your Logo or Private Label right on the can. Contact CRL Customer Service for details and pricing for this unique service.



CAT. NO. S50
19 oz. (539 g)

CRL Concentrate Glass Cleaner

- One Gallon of Concentrate Makes 10 Gallons of Strong Cleaning Fluid

The most popular Glass Cleaner for in-shop and on-the-job use. It's easy to use and leaves no film or smears on glass. It's easy to mix – one gallon makes ten gallons of strong, safe cleaning fluid. Use it with less water for those extra tough cleaning jobs. 695 is also available in 55 gallon drums for industrial users.



CAT. NO.	CONTENTS	QTY/CASE
695	1 Gallon (3.785 l) Bottle	4
69555GL	55 Gallon (208 l) Drum	1

Minimum order: 1 each. 55 gallon drum must ship common carrier.

CRL Ready Mix Glass Cleaner

- Ready Mix Bulk Liquid
- Available in Private Label for Your Resale

Our professional strength Ready Mix Glass Cleaner is also available for bulk filling of your spray dispensers. It's precisely formulated to give great glass cleaning results without the effort of mixing it yourself. It is also available for resale in containers with your private label.



CAT. NO.	CONTENTS	QTY/CASE
895GL	1 Gallon (3.785 l) Bottle	4

Minimum order: 1 case.

CRL "Low-e" Washing Machine Detergent

- Self-Adjusting pH to Water Conditioners
- De-Limer to Help Keep the Machine Free of Dirt Build-Up
- Biodegradable and Approved for Use in All Drainage and Septic Systems

CRL "Low-e" is a specially formulated liquid detergent for use with all Glass Washing Machines. It has been field tested to yield better results when cleaning "Low-e" soft coat glass. One gallon of concentrate will treat over 1000 gallons of water. Listed on H.B. Fuller "Acceptable List" for sealant adhesion performance.

NOTE: Do not use on mirrors.



CAT. NO.	CONTENTS
3379046	1 Gallon (3.785 l) Bottle
3379048	55 Gallon (208 l) Drum*

Minimum order: 1 each. *Must ship common carrier.

CRL Glass Washing Machine Detergent

- Compatible With All Glass Washing Machines
- Will Not Leave a Film
- Biodegradable

Automatic glass washing machines require a special detergent for flat glass. CRL Glass Washing Machine Detergent mixes quickly, and is compatible with any brand of washer currently in use. It is composed of a unique combination of inhibitors with synthetic detergents to provide effective soil removal at low concentrations. This detergent is biodegradable, and does not contain additives (release agents), which will inhibit adhesion of sealants to the glass.



5 Pounds
CAT. NO. 155X



40 Pounds
CAT. NO. 155X40



400 Pounds
CAT. NO. 155X400

CAT. NO.	CONTENTS
155X	5 lbs. (2.2 kg)
155X40	40 lbs. (18.1 kg)
155X400	400 lbs. (181.4 kg)

Minimum order: 1 each. 400 pound drum must ship via common carrier.

CRL Lint Free Glass Wipes

- Strong, Four-Ply White Paper Wipes are Virtually Lint Free
- Reinforced Nylon Scrim in Both Directions So They Work Great Wet or Dry
- Convenient Pop-Up Dispenser Box

CAT. NO. 1550
900 Wipes Per Case



- Six Pop-Up Boxes in Each Case



CAT. NO. BX15
150 Wipes Per Box

Extra-tough CRL Lint Free Glass Wipes bring the absorbing power you need in a lighter weight material that's reinforced with a nylon scrim for extra strength. The ripple texture makes them easy to hold during use, and provides just the right amount of surface area for cleaning solutions to do their work.

CRL Lint Free Glass Wipes have no adhesives or binders so they leave nothing behind except clean, lint free surfaces. Besides glass, they are ideal for your most demanding shop clean up tasks.

CRL Lint Free Glass Wipes measure a big 16-1/2" x 9-3/4" (419 x 248 mm). Each case has six pop-up boxes containing 150 Wipes each for a total of 900 Wipes per case.

CAT. NO.	DESCRIPTION
1550	Case of 900 Wipes
BX15	Box of 150 Wipes

Minimum order: 1 case of 1550 or 1 box of BX15.

CRL Lint Free Glass Wipes Dispenser Bracket

- Positions Pop-Up Boxes of 1550 and BX15 Wipes Right Where You Need Them
- Mounting Hardware Included

Mount the K73900 Dispenser Bracket to walls or work benches for quick and easy pull-down dispensing of our 1550 and BX15 Lint Free Glass Wipes. Mounting screws, wall anchors, and double face tape patches are included. After attaching the Bracket, simply press the perforated edge of the Wipe box against the two forks to mount. Minimum order is one each.

CAT. NO. K73900



CRL Micro Fiber Wipes

- Streak Free Cleaning on Windows and Mirrors
- Washable Up to 500 Times



CRL Micro Fiber Wipes have thousands of microscopic fibers that trap dirt and grime to increase cleaning effectiveness and reduce cleaning and drying times. Our large 16" x 16" (406 x 406 mm) size takes on big polishing, waxing, cleaning, and dusting jobs, and when you're done you can simply machine wash them (without fabric softener). Packed two per poly bag with a hanger hook so you can also offer them for resale to your customers.

CAT. NO.	DESCRIPTION	QTY/PACK
MF2	Micro Fiber Wipes	2

Minimum order: 1 pack.

CRL Lint Free Nylon Gloves

- A Must for Insulating Glass Fabrication
- Keeps Fingerprints Off Glass



CRL Lint Free Nylon Gloves are perfect for handling glass or mirrors without oily fingerprints or other contaminants. An absolute must for handling glass during Insulating Glass fabrication. Two sizes available to fit most anyone's hands.

CAT. NO.	SIZE
NG170	Small
NG171	Large

Minimum order: 1 dozen pairs.

We Make it Easy to Get Started With Our Insulating Glass Starter Kits

- Save Money and Time by Building Your Own Insulating Glass Units
- Eight Kits to Choose From - Basic to Deluxe
- Kits Available for Single Seal and Dual Seal Metal Spacers, Super Spacer®, and Duralite®
- A Variety of Sealing Systems - Hot Melt Butyl, One-Part and Two-Part Polyurethanes, Two-Part Polysulfide, Silicone Sealant, and Duralite®
- Produce Units When Your Customers Need Them
- No Long Waits for Custom or Odd Shape Windows

CRL Deluxe Insulating Glass Hot Melt Starter Kit

- An Easy Way to Start Producing Quality Insulating Glass Units
- Kit Comes With Everything Needed for Production of Insulating Glass Units
- Our Most Popular Kit



CAT. NO. D1GK7

KIT NO. D1GK7 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
SS96	Hot Melt Butyl Extruder Machine	1 Each
CRL30703	Hot Melt Butyl Cakes	96 lbs (43.5 kg)
MSD50B	55 Pound (25 kg) Box Molecular Sieve	1 Box
3935	1/4" (6.3 mm) Single Seal Aluminum Spacer	50 each 12'8" Lengths
3937	3/8" (9.5 mm) Single Seal Aluminum Spacer	25 each 12'8" Lengths
3939	1/2" (12.7 mm) Single Seal Aluminum Spacer	50 each 12'8" Lengths
6265	1/4" (6.3 mm) Single Seal Spacer Corners	200 Each
6267	3/8" (9.5 mm) Single Seal Spacer Corners	100 Each
6269	1/2" (12.7 mm) Single Seal Spacer Corners	200 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
1BK990	Hot Melt Butyl Trim Knife	1 Each
BN4	1/4" (6.3 mm) Brass Nozzle	1 Each
BN6	3/8" (9.5 mm) Brass Nozzle	1 Each
BN8	1/2" (12.7 mm) Brass Nozzle	1 Each
NG171	Lint Free Gloves (Large)	1 Dozen Pairs
800W	White Acrylic Latex Glazing Sealant	10 Cartridges
800GRY	Gray Acrylic Latex Glazing Sealant	10 Cartridges
JC3202HT	Plastic Tipped Handy Clamps	12 Each
GM12	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each. Must ship common carrier only.

This CRL Deluxe Insulating Glass Hot Melt Starter Kit comes with everything needed (except the glass) to produce quality Insulating Glass units. This Kit is ideal for anything from limited production to job site fabrication. Using our Hot Melt Butyl Dispensing Machine with standard Aluminum Spacers and Corners, quality Insulating Glass units can be produced within minutes of warming up the machine.

Aluminum Spacers (see pages 809W and 810W) come in widths from 3/16" (4.8 mm) to 3/4" (19 mm), giving you the flexibility to fabricate Insulating Glass units in a variety of widths. This Kit comes with Spacers in the three popular widths, but others can be used.

The SS96 Hot Melt Butyl Extruder Machine is our best-selling hot melt gunning system. It dispenses our CRL30703 Hot Melt Butyl Cakes (see page 820W) to create a reliable edge seal. Brass Tip Nozzles apply the sealant evenly to assure uniformity and reduce waste.

For more information, contact our Door and Window Department, or go online at crlaurence.com.

Super Spacer and Duralite are registered trademarks of Quanex Building Products Corporation.

CRL Insulating Glass Super Spacer Sealant Starter Kit With Super Spacer®

- Includes Everything Needed to Fabricate High Quality Insulating Glass Units
- Comes Complete With Over 300 Feet (91 m) of Super Spacer®
- Easily Adapts to All Shapes and Sizes of Glass



CAT. NO. S1GK877

KIT NO. S1GK877 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
877	Silicone Foam and Metal Spacer I.G. Sealant	12 Cartridges
SS1466	1/4" (6.3 mm) Super Spacer® 66' (20 m) roll	2 Rolls
SS3866	3/8" (9.5 mm) Super Spacer® 66' (20 m) roll	1 Roll
SS1266	1/2" (12.7 mm) Super Spacer® 66' (20 m) roll	2 Rolls
SSHN	Super Spacer® Hand Notcher	1 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
SGT14	1/4" (6.3 mm) Sealant Guide	1 Each
SGT38	3/8" (9.5 mm) Sealant Guide	1 Each
SGT12	1/2" (12.7 mm) Sealant Guide	1 Each
GM12	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each.

• Our Most Popular Starter Kit

This CRL Insulating Glass Super Spacer® Starter Kit contains everything needed to produce condensation-free perimeter edges which substantially reduces overall window heat loss. Super Spacer® allows you to build Insulating Glass units in shapes not permitted by metal spacers. The silicone foam contains a high quantity (40% by weight), of 3A molecular sieve desiccant, and the permeability of the foam allows for fast moisture pickup. Our 877 Sealant is compatible with units fabricated with Super Spacer® and forms an airtight seal.

CRL Single Seal, Two-Part Polysulfide Insulating Glass Starter Kit



CAT. NO. S1GK550

This CRL Single Seal, Two-Part Polysulfide Insulating Glass Starter Kit is one of the most economical ways to start fabricating Insulating Glass units. Simply insert corners into the spacer, fill spacers with molecular sieve, add your glass, clamp together, apply the CRL Two-Part Polysulfide, let cure overnight and you're ready for installation. With this system any demand can be responded to immediately; simply measure, fabricate, allow the sealant to cure, and install the next day.

Super Spacer is a registered trademark of Quanex Building Products Corporation.

- Apply Two-Part Polysulfide With Brush, Gun, or Trowel
- Hardens as it Cures
- Easy to Assemble and Use



KIT NO. S1GK550 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
N400G15	Two-Part Polysulfide Sealant (1.5 Gallon Pail)	4 Pails
MSD5	5 Pound (2.2 kg) Can Molecular Sieve	2 Cans
3935	1/4" (6.3 mm) Single Seal Aluminum Spacer	50 Each 12'8" Lengths
3937	3/8" (9.5 mm) Single Seal Aluminum Spacer	25 Each 12'8" Lengths
3939	1/2" (12.7 mm) Single Seal Aluminum Spacer	50 Each 12'8" Lengths
6265	1/4" (6.3 mm) Single Seal Spacer Corners	200 Each
6267	3/8" (9.5 mm) Single Seal Spacer Corners	100 Each
6269	1/2" (12.7 mm) Single Seal Spacer Corners	200 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
NG171	Lint Free Gloves (Large)	1 Dozen Pairs
800W	White Acrylic Latex Glazing Sealant	10 Cartridges
800GRY	Gray Acrylic Latex Glazing Sealant	10 Cartridges
JC3202HT	Plastic Tipped Handy Clamps	12 Each
GM12	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each. Must ship common carrier only.

CRL Deluxe Super Spacer® Starter Kit

- A Great Way to Get Started With "Warm Edge" Technology
- Easily Adapts to All Shapes and Sizes of Glass
- Great for Art Glass Panels

This state-of-the-art kit comes with everything you need (except the glass) to build Insulating Glass units, whether they are square, rectangular, or even circular, all without the use of a spacer bending machine.

Super Spacer® is one of the best materials to use in manufacturing Insulating Glass units because of its superior insulating foam. This foam essentially eliminates perimeter edge condensation and substantially reduces overall window heat loss. This flexible spacer also accommodates glass bowing and thermal movement. Excellent sound insulation properties add to the list of Super Spacer's attributes. Finally, there is no adsorbent to add because there is a high quantity of 3A molecular sieve already inside of Super Spacer's quality silicone foam.

The Kit also comes with a CRL SS96 Hot Melt Butyl Dispensing Machine, which is the fastest way to produce Insulating Glass units. We include 96 pounds of CRL30703 Butyl, which is the only butyl recommended for use in this machine. The SS96 features an all-mechanical system which doesn't use any air, so there is less down time and more production. The 8' (2.4 m) dispensing hose heats from 350-450°F (177-232°C), delivering the butyl at optimum temperature.



KIT NO. D1GK88 INCLUDES:

CAT. NO. D1GK88

CAT. NO.	DESCRIPTION	QUANTITY
SS96	Hot Melt Butyl Extruder Machine	1 Each
CRL30703	Hot Melt Butyl Cakes	96 lbs. (43.5 kg)
SS1466	1/4" (6.3 mm) Super Spacer® 66' (20 m) roll	8 Rolls
SS3866	3/8" (9.5 mm) Super Spacer® 66' (20 m) roll	4 Rolls
SS1266	1/2" (12.7 mm) Super Spacer® 66' (20 m) roll	8 Rolls
SSHN	Super Spacer® Hand Notcher	1 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
1BK990	Hot Melt Butyl Trim Knife	1 Each
BN4	1/4" (6.3 mm) Brass Nozzle	1 Each
BN6	3/8" (9.5 mm) Brass Nozzle	1 Each
BN8	1/2" (12.7 mm) Brass Nozzle	1 Each
NG171	Lint Free Gloves (Large)	1 Dozen Pairs
GM12	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each. Must ship common carrier only.

CRL "Hardman" Gun and Hot Melt Butyl Starter Kit

- Hardman Hot Melt Butyl Gun is Portable, and Lets You Use Only What You Need

This Kit is perfect for the glass shop that needs to produce Insulating Glass units on an occasional "as needed" basis, or for someone who needs to do their work in different locations from time to time. The CRL "Hardman" Insulating Glass Hot Melt Butyl Starter Kit is also a great way to start a small production system for fabricating Insulating Glass units.

SINGLE SEAL WITH HOT MELT BUTYL ROPE AND HARDMAN GUN



CAT. NO. D1GK913

KIT NO. D1GK913 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
HEG522	"Hardman" Extruder Gun	1 Each
N415	Hot Melt Butyl Rope	8 Rolls
RH522	Hot Melt Butyl Rope Holder	1 Each
MSD5	5 Pound (2.2 kg) Can Molecular Sieve	2 Cans
3935	1/4" (6.3 mm) Single Seal Aluminum Spacer	50 Each 12'8" Lengths
3937	3/8" (9.5 mm) Single Seal Aluminum Spacer	25 Each 12'8" Lengths
3939	1/2" (12.7 mm) Single Seal Aluminum Spacer	50 Each 12'8" Lengths
6265	1/4" (6.3 mm) Single Seal Spacer Corners	200 Each
6267	3/8" (9.5 mm) Single Seal Spacer Corners	100 Each
6269	1/2" (12.7 mm) Single Seal Spacer Corners	200 Each
1550	Lint Free Wipes	1 Case (900 Wipes)

CAT. NO.	DESCRIPTION	QUANTITY
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
E9133	Brass Nipple	1 Each
BN4	1/4" (6.3 mm) Brass Nozzle	1 Each
BN6	3/8" (9.5 mm) Brass Nozzle	1 Each
BN8	1/2" (12.7 mm) Brass Nozzle	1 Each
NG171	Lint-Free Gloves (Large)	1 Dozen Pairs
800W	White Acrylic Latex Glazing Sealant	10 Cartridges
800GRY	Gray Acrylic Latex Glazing Sealant	10 Cartridges
JC320HT	Plastic Tipped Handy Clamps	12 Each
GM12	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each. Must ship common carrier only.

Super Spacer is a registered trademark of Quanex Building Products Corporation.

CRL Insulating Glass Starter Kit With Duralite®

- Includes Everything Needed to Fabricate High Quality Insulating Glass Units
- Comes With 330 Feet (100 m) of Duralite®
- Easily Adapts to All Shapes and Sizes of Glass

Duralite® allows you to build Insulating Glass units in shapes not permitted by metal spacers. The patented technology incorporates unique materials and a breakthrough in continuous composite manufacturing processes.

This advanced technology offers a higher performance spacer system at a competitive price. Duralite® takes optimum advantage of laminates and adhesives to reduce thermal conductivity while improving surface and corner appearance over other Insulating Glass spacers.

This CRL Insulating Glass Starter Kit With Duralite® contains everything needed to produce condensation-free perimeter edges that substantially reduce overall window U-Value. It is a complete package that will get you into the business of producing high-quality Insulating Glass units to meet your customer's demands.



CAT. NO. S1GKDS66

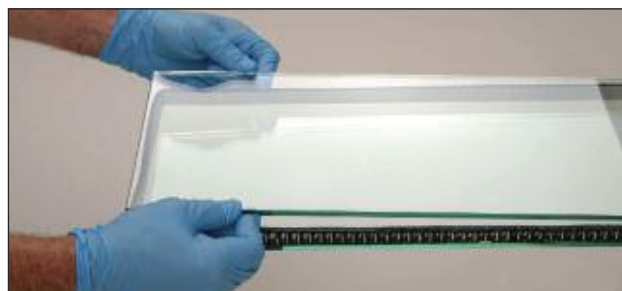
KIT NO. S1GKDS66 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
DS6614	1/4" (6.3 mm) Duralite® 66' (20.1 m) Roll	2 Rolls
DS6638	3/8" (9.5 mm) Duralite® 66' (20.1 m) Roll	1 Roll
DS6612	1/2" (12.7 mm) Duralite® 66' (20.1 m) Roll	2 Rolls
DSPT1	Duralite® Peak Tool Applicator	1 Each
TL2	Duralite® Quartz Heat Lamp	1 Each
1550	Lint Free Shop Wipes (900 per Case)	1 Case
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
NG171	Lint Free Gloves (Large)	1 Dozen Pairs
JC3202HT	Plastic-Tipped 6" Handy Clamps	24 Each
M3R	Straight Cut Snips	1 Each
GM12	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each.



Apply Duralite® to clean glass surface with Applicator or by hand.

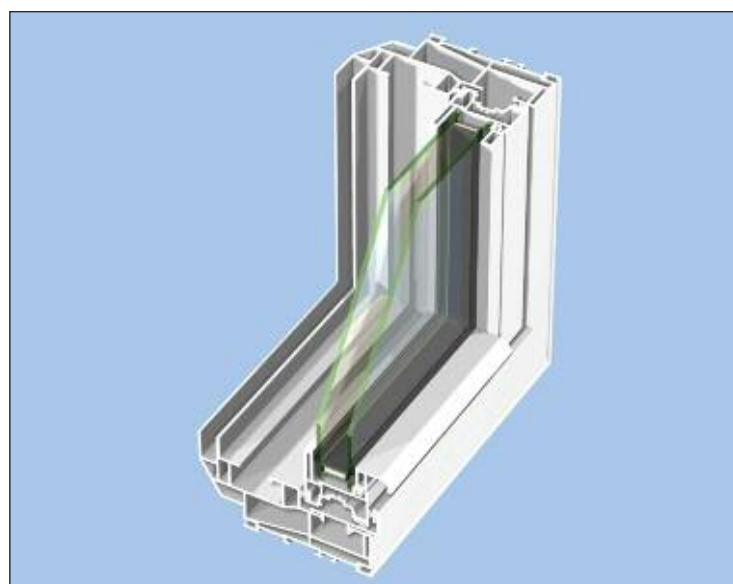


Index second piece of clean glass and press on to Duralite®.



Apply Spring Clamps or Mechanical Press with Heat Lamp to seal the unit.

Duralite is a registered trademark of Quanex Building Products Corporation.



CRL Muntin Bars

- Fit Inside Spacer Frame to Create Colonial Style Insulating Glass Units
- Easy to Fabricate

CRL Muntin Bars add a distinctive flair to your Insulating Glass units. They are ideal for the fabrication of "Colonial" style windows. Muntin Bars are cut to size, and then assembled with CRL Muntin Bar Clips before being placed inside the unit.

For a professional 'crisscross' effect, use the CRL Manual Muntin Bar Notcher (see page 836W) and secure with the proper CRL Internal Muntin Joiners (see page 835W).

Stock lengths of Muntin Bars are 12' 8" (3.9 m). There are two finishes that will complement the trim of most any home.



CAT. NO. 36006BRZ



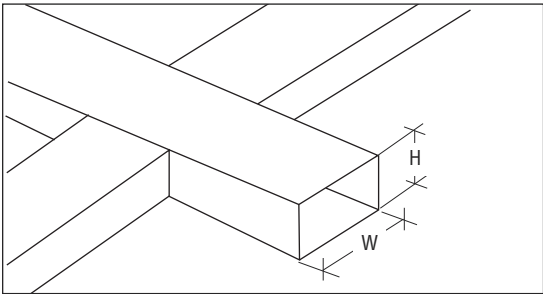
CAT. NO. 36009BRZ



CAT. NO. 36012W



CAT. NO. 36004W



WHITE CAT. NO.	BRONZE CAT. NO.	SIZE HEIGHT X WIDTH	QTY/CASE
36006W	36006BRZ	3/16" x 13/16" (4.8 x 20.6 mm)	50
36009W	36009BRZ	3/16" x 9/16" (4.8 x 14.3 mm)	50
36012W	36012BRZ	3/16" x 5/8" (4.8 x 15.9 mm)	50
36004W	36004BRZ	3/16" x 3/4" (4.8 x 19 mm)	50

Minimum order: 1 stock length. A Packing Charge will be added to orders fewer than 20 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Sizes and colors can be combined for quantity pricing.

Easy Steps to High Quality Insulating Glass Muntin Bar Fabrication

- Muntin Bars Produce a Distinctive Divided Lite Appearance for Colonial Style Insulating Glass Units

For "Colonial" style Insulating Glass units, install CRL Muntin Bars cut to length using the inside measurements of the spacer frame. As with spacer frame fabrication, Muntin Bars should be cut with a fine 100 to 150 tooth saw blade (see page 844W) without oil or coolant. It is also recommended that Cat. No. NG171 Lint Free Gloves be worn while handling Muntin Bar lengths to reduce contamination (see page 829W).

Measure and mark the cross points of Muntin Bars. Notch each bar with Cat. No. MMBN1 Manual Muntin Bar Notcher with the appropriate die and punch (see page 836W).

After press fitting the Muntin Bar grid together, insert the appropriate Muntin Bar Clips. Larger Muntin Bar grids may require the use of internal Muntin Joiners. Drill or punch the spacer frames at the connecting points of spacer and Muntin Bar Clips. Use an electric hand drill, drill press or Cat. No. MBKP1 Muntin Bar Keeper Punch (see page 836W). Finished Muntin Bar grids then are assembled into the spacer frame.

NOTE: Clean Muntin Bars before sealing unit with 1973, 3371100, or S50 Glass Cleaner (see page 827W). Do not use MEK, alcohol, or similar chemicals.



CRL Muntin Clips

- Designed to Work With CRL Muntin Bars
- Made From Durable Nylon



CAT. NO. 61071



CAT. NO. 61070

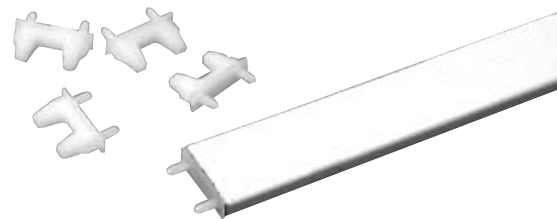


CAT. NO. 61072



CAT. NO. 61073

CRL Muntin Clips are designed to fit tightly in CRL Muntin Bars to properly secure the Muntin Assembly within the air space of an Insulating Glass unit.



CAT. NO.	FITS BAR	PRONGS	QTY/BOX
61071	36006	1	100
61070	36009	1	100
61072	36012	1	100
61073	36004	2	100

Minimum order: 100 each. Must be ordered in increments of 100.
All Muntin supplies can be combined for quantity pricing.

CRL Internal Muntin Joiner

- For Joining Notched Muntin Bars

The CRL Internal Muntin Joiner holds the notched bar intact during the grid and frame assembly. It makes assembling Muntin Bars easier and more manageable, especially for larger sized Insulating Glass units. Two sizes fit most applications.



CAT. NO.	FITS BAR	QTY/BOX
AM04	36004/36006	100
AM609	36009/36012	100

Minimum order: 100 each. Must be ordered in increments of 100.
All Muntin supplies can be combined for quantity pricing.

CRL Flexible Muntin Locator

- Secures Sunburst and Wagon-Wheel Windows

Use the CRL Flexible Muntin Locator to secure sunburst and wagon-wheel windows in their frames. The flexible end pin helps eliminate unsightly gaps. They are an excellent aid in the fabrication of Insulating Glass units.



CAT. NO.	FITS BAR	QTY/BOX
AM06	36004/36006	100
AM12	36009/36012	100

Minimum order: 100 each. Must be ordered in increments of 100.
All Muntin supplies can be combined for quantity pricing.

CRL Sunburst Muntin Joiner

- For Circle Top Windows
- Use With 36012 Muntin Bars Only

CRL Sunburst Muntin Joiners make half and full-circle windows easy to fabricate. The white, flexible nylon holds the muntin bar securely, producing great looking wagon-wheel windows. These Joiners are made for use with CRL 36012 Muntin Bars only.



CAT. NO.	FITS BAR	QTY/BOX
AM601	36012	100

Minimum order: 100 each. Must be ordered in increments of 100.
All Muntin supplies can be combined for quantity pricing.

CRL Manual Muntin Bar Notcher and Die Sets

- Each Precision Machined Unit is Made to Customer's Specifications
- Interchangeable Dies

This CRL Manual Muntin Bar Notcher will notch most Muntin Bars quickly and smoothly. Each Die Set is custom fabricated from hardened and ground tool steel to your exact specifications, and is used for one muntin size only. The Notcher comes with one Die Set.

NOTE: To ensure a proper fit for extra or replacement Die Sets you must specify the distance between the mounting holes and the blade tip of your existing Die Set to match the new Blade and Die Set. F.O.B. Los Angeles, California. Minimum order is one each.



CAT. NO. MMBD1E
Die Set for Muntin Bar Notcher



CAT. NO. MMBN1
Manual Muntin Bar Notcher

CRL Muntin Bar Bender

- Custom Made by CRL For Fabricating Curved Insulating Glass Units

The CRL Muntin Bar Bender easily bends Muntin Bar for Insulating Glass units with arched sunset patterns, as well as circular units. Any width of 3/16" (4.8 mm) thick Muntin Bar can be shaped with just a few quick passes. It has an easy-to-read indicator dial for quickly and accurately making repetitious bends.

The MMBD1 includes one set of Dies. If additional widths of muntins are going to need bending, then an additional set of Dies will need to be ordered. If using Muntin Bars not sold by CRL, then three each 36" (914 mm) samples of muntin must be sent to CRL. This is due to the tight machining tolerances needed to produce this precision piece of equipment. If you are using CRL brand Muntin Bar, just specify the CRL catalog number that the Dies should be made to work with. Contact CRL Door and Window Department for machine details and specifications. F.O.B. Los Angeles, California. Minimum order is one each.



CAT. NO. MMBD1

CRL Deluxe Spacer Bender

- Custom Manufactured by CRL to Accommodate Almost Any Size Spacer Bar

This machine is designed to bend Spacer Bars to any radius allowable by the design of the Spacer. Manually operated, the CRL Spacer Bender uses a pressure drive roller with two forming die rollers. As the Spacer is forced through the forming dies, the degree of bend is increased through higher pressure from the drive roller with each successive pass, until the desired radius is attained. Quick interchanging of the forming die rollers allows total versatility in the bending of different size Spacers.

Unit includes Dies for 3/16", 1/4", 5/16", 3/8", and 1/2" (4.8, 6.4, 7.9, 9.5, and 12.7 mm) standard height CRL, All Metal, and Nichols Homeshield Spacer profiles. **NOTE:** Will not work with Slim Line/Narrow profiles. Different widths, other Spacer brands, and all Slim Line Narrow profiles require custom Die Sets. These Custom Dies are manufactured to customer samples. Contact CRL Door and Window Department for machine details and specifications. F.O.B. Los Angeles, California. Minimum order is one each.



CAT. NO. DSBD1

CRL Air Powered Muntin Clip Punch

- Accommodates 3/16" to 7/8" Aluminum Spacers
- For Single or Two-Prong Muntin Bar Clips

This CRL Air Powered Muntin Clip Punch is designed to accommodate 3/16" to 7/8" (4.8 to 22.2 mm) Spacers, and will punch holes for single or two-prong Muntin Bar Clips. It operates on air pressure from 50 to 250 PSI.

The Punch comes complete with a Stop Bar, one size Air Spacer Die, and one size Muntin Spacing Chart. When ordering, specify spacer and muntin sizes. Air Spacer Dies are available in all standard sizes. Specify centerline or off-center muntin clip holes when ordering Spacer Dies.

Multiple Head Muntin Clip Punches (up to five heads) are available for larger production shops. Contact CRL Door and Window Department for machine details and specifications.



Die Set



Air Powered Muntin Clip Punch

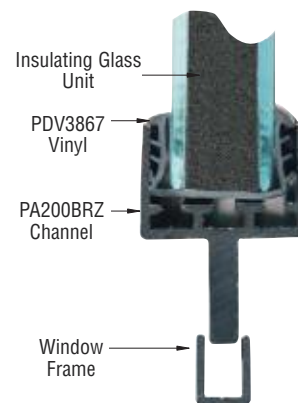
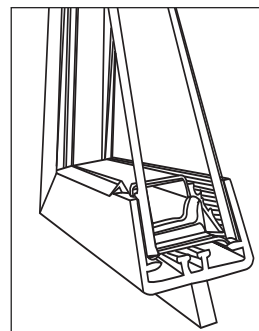
CAT. NO.	DESCRIPTION
MBKP1	Air Powered Muntin Clip Punch
MBKPD1E	Die Set for the MBKP1

Minimum order: 1 each. F.O.B. Canton, Michigan

CRL Center Set Aluminum Insulating Glass Adapter Channel

- For Converting Single Glazed Windows and Doors Into Energy-Saving Insulating Glass Units
- Eliminates Purchasing New Windows and Doors
- Quick and Easy Installation

There is a growing demand for energy-saving retrofit products, such as Insulating Glass to insulate from heat gain, heat loss, and to reduce sound transmission. CRL Center Set Aluminum Insulating Glass Adapter Channel is a popular system for converting most single glazed center set fixed door lites and large fixed windows to energy efficient Insulating Glass units. With this Center Set Adapter Channel it is possible to convert many fixed door lites and windows without altering the frame. This is possible because the Center Set Adapter Channel is available with a center leg to position the depth of the Insulating Glass unit to the center, as illustrated at right. CRL Center Set Aluminum Insulating Glass Adapter Channel is available in two finishes. Accessory Glazing Vinyl and Adapter Corners are available for fabrication (see below).



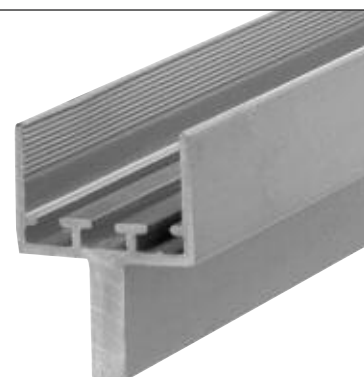
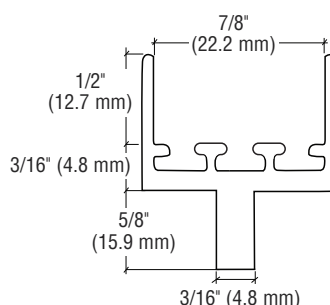
Center Set Insulating Glass Adapter for Fixed Windows and Doors

CRL 7/8" Center Set Insulating Glass Adapter Channel for 3/4" (19 mm) Insulating Glass Units

- For the Retrofit Conversion of Single Glazed to Dual Glazed Center Set Fixed Windows and Door Lites

CRL PA200 Center Set Insulating Glass Adapter Channel is used to replace most single glaze center set fixed door lites and large fixed windows with a 3/4" (19 mm) sealed Insulating Glass unit. All components of the existing window frame will be reused.

CRL PA200 Center Set Adapter Channel uses Cat. No. PDV3867 Glazing Vinyl. Fasten mitered corners by using Cat. No. AC1 Adapter Corners, and apply a thin bead of Cat. No. 33S Silicone Sealant (see page 854W) to seal.



CAT. NO.	LEG LENGTH	LEG WIDTH	LENGTH	FINISH
PA200A	5/8" (15.9 mm)	3/16" (4.8 mm)	12' (3.66 m)	Clear Anodized
PA200BRZ	5/8" (15.9 mm)	3/16" (4.8 mm)	12' (3.66 m)	Bronze Anodized

Minimum order: 1 stock length. All I.G. Adapter Channel can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify that we cut them for U.P.S. A Cutting Charge will apply.

CRL Insulating Glass Glazing Vinyl for PA200 Adapter Channel

- For Easy Installation of Insulating Glass Units



This black CRL Insulating Glass Glazing Vinyl is 100% extruded virgin vinyl used to repair, reglaze, or manufacture windows. Vinyl wraps around sealed Insulating Glass units for easy installation into CRL Adapter Channel, new windows, and existing Insulating Glass units.

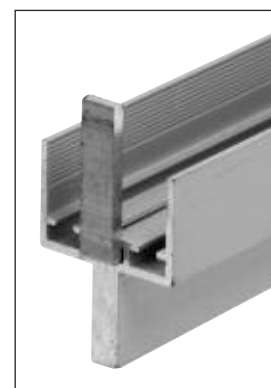
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
PDV3867	PA200 and PA300	7/8" (22.2 mm)	3/4" (19 mm)

Minimum order: 100 feet. Must order in increments of 100 feet. All Adapter Vinyls can be combined for quantity pricing.

CRL Corners for PA200 Insulating Glass Adapter Channel

- Helps Join I.G. Adapter Channel for a Tight Fit

These Corners for CRL Insulating Glass Adapter fit tightly to join the frame at the mitered corners. A thin bead of Cat. No. 33S Silicone Sealant (see page 854W) should then be applied for a good seal.



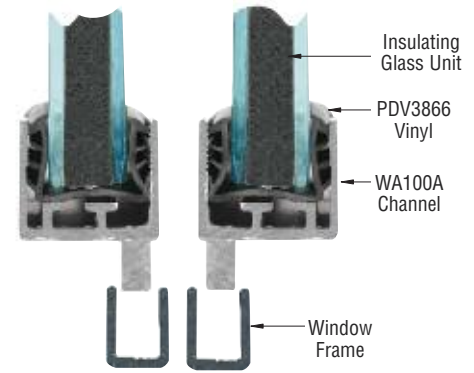
CAT. NO.	WIDTH	FOR USE WITH ADAPTER CHANNEL
AC1	1/4" (6.3 mm)	PA200, WA100, and WA150

Minimum order: 100 each. Must order in increments of 100. All widths can be combined for quantity pricing.

CRL 5/8" Offset Aluminum Insulating Glass Adapter Channel

- For Converting Single Glazed Windows Into Energy-Saving Insulating Glass Units
- Eliminates Purchasing New Windows
- Quick and Easy Installation

CRL 5/8" Offset Aluminum Insulating Glass Adapter Channel is a popular system for converting most single glazed windows, steel casement, wood stop, and wood putty windows to 1/2" (12.7 mm) energy efficient Insulating Glass units. With this Offset Adapter Channel it is possible to convert many windows without altering the frame or sliding mechanism. This is possible because the Offset Adapter Channel is available with an offset leg to position the depth of the Insulating Glass unit to the outside on the outside panel, and to the inside on the inside panel, as illustrated at right. CRL Offset Aluminum Insulating Glass Adapter Channel is available in two finishes. Accessory Glazing Vinyl and Adapter Corners are available for fabrication (see below).



Offset Set Insulating Glass Adapter Channel for Sliding Bypassing Windows and Doors

CRL 5/8" Offset Insulating Glass Adapter Channel for 1/2" (12.7 mm) Insulating Glass Units

- For Energy-Saving Conversion to Insulating Glass Sliding Windows

CRL WA100 and WA150 Insulating Glass Adapter Channels are used to replace most single glaze windows with a 1/2" (12.7 mm) sealed Insulating Glass unit. The WA150 Adapter has a longer leg for window frames with deeper glazing channels. All components of the existing window frame will be reused.

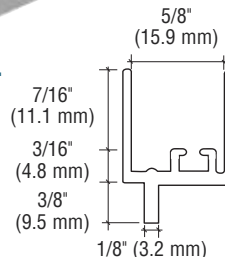
Both WA100 and WA150 Adapter Channels use Cat. No. WV3866 Glazing Vinyl. Fasten mitered corners by using either Cat. No. AC1 Adapter Corners or Cat. No. 8X114PHPSMS #8 x 1-1/4" (31.7 mm) Pan thin bead of Cat. No. 33S Silicone Sealant (see page 854W) to seal mitered corners.



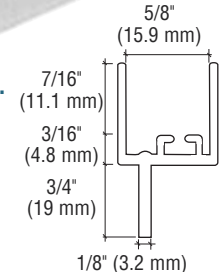
CAT. NO. AC1



CAT. NO. WA100



CAT. NO. WA150



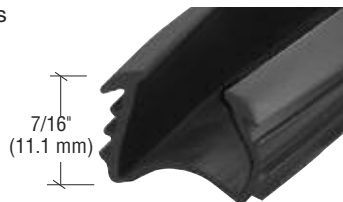
CAT. NO.	LEG LENGTH	LEG WIDTH	LENGTH	FINISH
WA100A	3/8" (9.5 mm)	1/8" (3.2 mm)	12' (3.66 m)	Clear Anodized
WA100BRZ	3/8" (9.5 mm)	1/8" (3.2 mm)	12' (3.66 m)	Bronze Anodized
WA150A	3/4" (19 mm)	1/8" (3.2 mm)	12' (3.66 m)	Clear Anodized
WA150BRZ	3/4" (19 mm)	1/8" (3.2 mm)	12' (3.66 m)	Bronze Anodized
AC1	-----	-----	-----	Mill Corner

Minimum order: 1 stock length. All I.G. Adapter Channel can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify that we cut them for U.P.S. A Cutting Charge will apply. Mill Corners minimum order: 100 each. Must order in increments of 100. All widths can be combined for quantity pricing.

CRL Insulating Glass Glazing Vinyl for WA100 and WA150 Adapter Channel

- For Easy Installation of Insulating Glass Units

This black CRL Insulating Glass Glazing Vinyl is 100% extruded virgin vinyl used to repair, reglaze, or manufacture windows. Vinyl wraps around sealed Insulating Glass units for easy installation into CRL Adapter Channel, new windows, and existing Insulating Glass units.



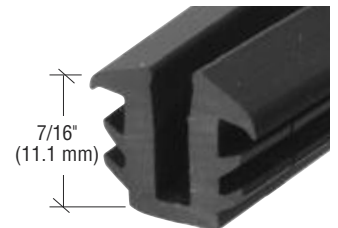
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
WV3866	WA100 and WA150	5/8" (15.9 mm)	1/2" (12.7 mm)

Minimum order: 100 feet. Must order in increments of 100 feet. All Adapter Vinyls can be combined for quantity pricing.

CRL 1/2" Reduction Vinyl for WA100 and WA150 Adapter Channel

- 1/2" Insulating Glass Channels Reduced to DS Single Pane Glazing

This CRL 1/2" Reduction Vinyl is a solid black profile that converts older channels designed for 1/2" (12.7 mm) insulating glass to DS single pane glazing. Ideal for temporary repairs or permanent conversion. Vinyl is sold in rolls of 150 feet (45.7 m).



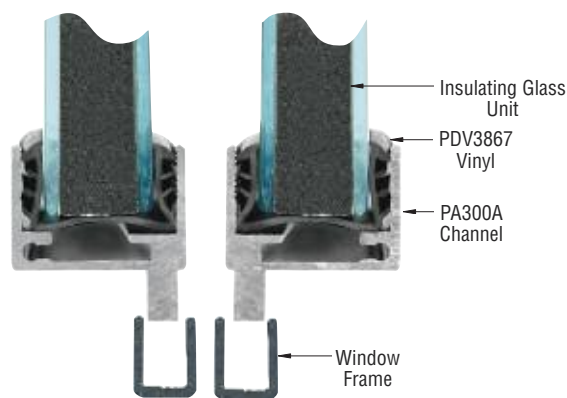
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
3800078	WA100 and WA150	5/8" (15.9 mm)	1/8" (3 mm)

Minimum order: 1 roll. All Adapter Vinyls can be combined for quantity pricing.

CRL 7/8" Offset Aluminum Insulating Glass Adapter Channel

- For Converting Single Glazed Windows and Doors Into Energy-Saving Insulating Glass Units
- Eliminates Purchasing New Windows and Doors
- Quick and Easy Installation

There is a growing demand for energy-saving retrofit products, such as Insulating Glass to insulate from heat gain, heat loss, and to reduce sound transmission. CRL Offset Aluminum Insulating Glass Adapter Channel is a popular system for converting most single glazed doors and windows to energy efficient Insulating Glass units. With this Offset Adapter Channel it is possible to convert many sliding doors and windows without altering the frame or sliding mechanism. This is possible because the Offset Adapter Channel is available with an offset leg to position the depth of the Insulating Glass unit to the outside on the outside panel, and to the inside on the inside panel, as illustrated at right. CRL Offset Aluminum Insulating Glass Adapter Channel is available in two finishes. Accessory Glazing Vinyl and Adapter Corners are available for fabrication (see below).



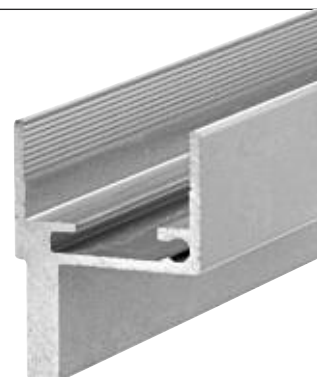
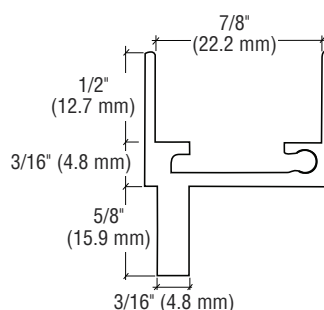
Offset Set Insulating Glass Adapter for Sliding Bypassing Windows and Doors

CRL 7/8" Offset Set Insulating Glass Adapter Channel for 3/4" (19 mm) Insulating Glass Units

- For the Retrofit Conversion of Single Glazed to Dual Glazed Offset Set Windows and Doors

CRL PA300 Offset Set Insulating Glass Adapter Channel is used to replace most sliding door lites and sliding windows with a 3/4" (19 mm) sealed Insulating Glass unit. All of the components of the existing window frame will be reused.

CRL PA300 Offset Set Adapter Channel uses Cat. No. PDV3867 Glazing Vinyl. Fasten mitered corners by using either Cat. No. AC2 Adapter Corners or Cat. No. 6X34PHPSMS #6 x 3/4" (19 mm) Pan Head Phillips Sheet Metal Screws. Apply a thin bead of Cat. No. 33S Silicone Sealant (see page 854W) to seal mitered corners.



CAT. NO.	LEG LENGTH	LEG WIDTH	LENGTH	FINISH
PA300A	5/8" (15.9 mm)	3/16" (4.8 mm)	12' (3.66 m)	Clear Anodized
PA300BRZ	5/8" (15.9 mm)	3/16" (4.8 mm)	12' (3.66 m)	Bronze Anodized

Minimum order: 1 stock length. All I.G. Adapter Channel can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify that we cut them for U.P.S. A Cutting Charge will apply.

CRL Insulating Glass Glazing Vinyl for PA300 Adapter Channel

- For Easy Installation of Insulating Glass Units



This black CRL Insulating Glass Glazing Vinyl is 100% extruded virgin vinyl used to repair, reglaze, or manufacture windows. Vinyl wraps around sealed Insulating Glass units for easy installation into CRL Adapter Channel, new windows, and existing Insulating Glass units.

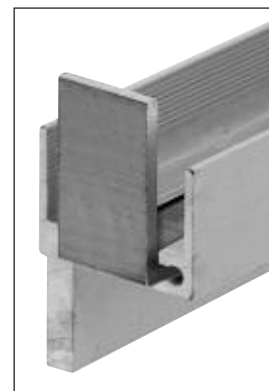
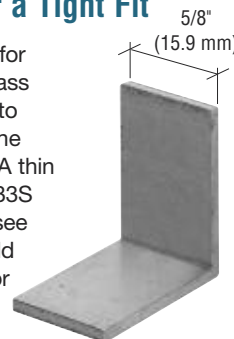
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
PDV3867	PA200 and PA300	7/8" (22.2 mm)	3/4" (19 mm)

Minimum order: 100 feet. Must order in increments of 100 feet. All Adapter Vinyls can be combined for quantity pricing.

CRL Corners for PA300 Insulating Glass Adapter Channel

- Helps Join I.G. Adapter Channel for a Tight Fit

These Corners for CRL Insulating Glass Adapter fit tightly to join the frame at the mitered corners. A thin bead of Cat. No. 33S Silicone Sealant (see page 854W) should then be applied for a good seal.



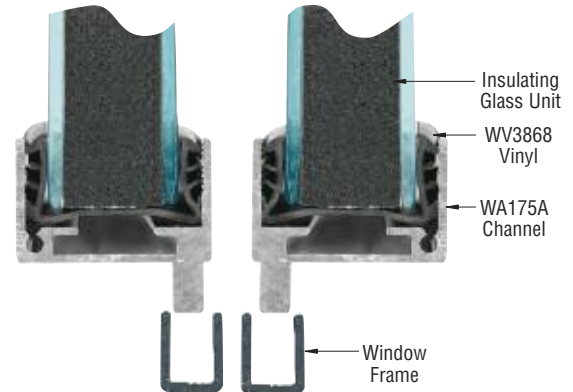
CAT. NO.	WIDTH	FOR USE WITH ADAPTER CHANNEL
AC2	5/8" (15.9 mm)	PA300

Minimum order: 100 each. Must order in increments of 100. All widths can be combined for quantity pricing.

CRL 1" Offset Aluminum Insulating Glass Adapter Channel

- For Use With Double or Triple Glazed Units
- Eliminates Purchasing New Windows
- Quick and Easy Installation

CRL 1" Offset Aluminum Insulating Glass Adapter Channel is a popular system for converting most single glazed windows, steel casement, wood stop, and wood putty windows to 7/8" (22.2 mm) energy efficient Insulating Glass units. With this Offset Adapter Channel it is possible to convert many windows without altering the frame or sliding mechanism. This is possible because the Offset Adapter Channel is available with an offset leg to position the depth of the Insulating Glass unit to the outside on the outside panel, and to the inside on the inside panel, as illustrated at right. CRL Offset Aluminum Insulating Glass Adapter Channel is available in two finishes. Accessory Glazing Vinyl and Adapter Corners are available for fabrication (see below).



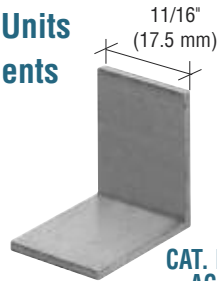
Offset Set Insulating Glass Adapter Channel for Sliding Bypassing Windows and Doors

CRL 1" Offset Insulating Glass Adapter Channel for 7/8" (22.2 mm) Insulating Glass Units

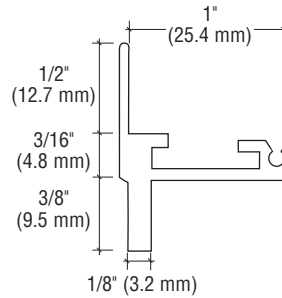
- For Use With Double or Triple Glazed Units
- Uses Existing Window Frame Components

CRL WA175 Insulating Glass Adapter Channel is used to replace most single glaze aluminum sliding windows, plus steel casement, wood stop, and wood putty windows with a 7/8" (22.2 mm) sealed Insulating Glass unit. All of the components of the existing window frame will be reused.

CRL WA175 Adapter Channel uses Cat. No. WV3868 Glazing Vinyl. Fasten mitered corners by using either Cat. No. AC3 Adapter Corners (sold separately), or Cat. No. 8X114PHPSMS #8 x 1-1/4" (31.7 mm) Pan Head Phillips Sheet Metal Screws. Apply a thin bead of Cat. No. 33S Silicone Sealant (see page 854W) to seal mitered corners.



CAT. NO. AC3



CAT. NO.	LEG LENGTH	LEG WIDTH	LENGTH	FINISH
WA175A	3/8" (9.5 mm)	1/8" (3.2 mm)	12' (3.66 m)	Clear Anodized
WA175BRZ	3/8" (9.5 mm)	1/8" (3.2 mm)	12' (3.66 m)	Bronze Anodized
AC3	----	----	----	Mill Corner

Minimum order: 1 stock length. All I.G. Adapter Channel can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify that we cut them for U.P.S. A Cutting Charge will apply. Mill Corners minimum order: 100 each. Must order in increments of 100. All widths can be combined for quantity pricing.

CRL Insulating Glass Glazing Vinyl for WA175 Adapter Channel

- For Easy Installation of Insulating Glass Units



This black CRL Insulating Glass Glazing Vinyl is 100% extruded virgin vinyl used to repair, reglaze, or manufacture windows. Vinyl wraps around sealed Insulating Glass units for easy installation into CRL Adapter Channel, new windows, and existing Insulating Glass units.

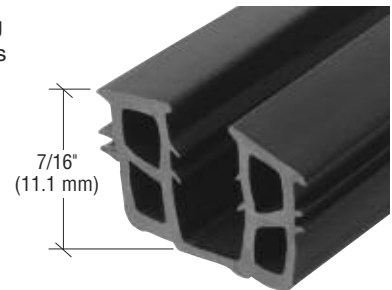
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
WV3868	WA175	1" (25.4 mm)	7/8" (22.2 mm)

Minimum order: 100 feet. Must order in increments of 100 feet. All Adapter Vinyls can be combined for quantity pricing.

CRL 3/4" Reduction Vinyl for WA175 Adapter Channel

- Reduces 3/4" Openings to DS Glass

This CRL 3/4" Reduction Vinyl is a solid black profile that quickly converts insulating glass windows and patio doors to single pane glazing. Unique webbed profile will compress to 5/8" (15.9 mm) opening and allow for DS glass. Great for emergency repairs or permanent conversion. Sold 250 feet (76.2 m) per roll.

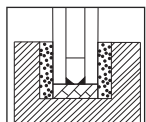


CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
3800908	WA175	1" (25.4 mm)	3/16" (5 mm)

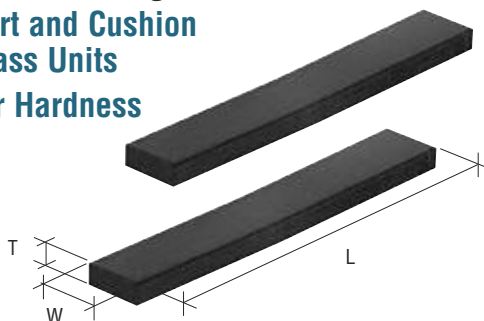
Minimum order: 1 roll. All Adapter Vinyls can be combined for quantity pricing.

CRL Neoprene Setting Blocks

- Use to Support and Cushion Insulating Glass Units
- 80 Durometer Hardness



Setting Blocks used as a cushion for insulating glass units



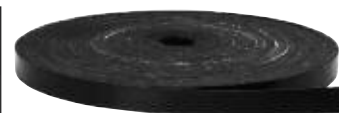
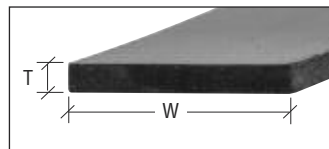
CRL Neoprene Setting Blocks cushion and support glass, and act as a centering device for Insulating Glass units installed in channels. The neoprene composition of the blocks makes them resilient, so that glass cushioned by them can withstand vibration, shock, and heavy wind loads. Custom size and hardness blocks are also available on special order. See page 868W for a complete listing of all available sizes.

CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH
SB573	1/4" (6.3 mm)	5/8" (15.9 mm)	4" (101.6 mm)
SB574	1/8" (3.2 mm)	3/4" (19 mm)	4" (101.6 mm)
SB575	1/4" (6.3 mm)	3/4" (19 mm)	4" (101.6 mm)
SB576	1/8" (3.2 mm)	1" (25.4 mm)	4" (101.6 mm)
SB577	1/4" (6.3 mm)	1" (25.4 mm)	4" (101.6 mm)
SB582	3/16" (4.8 mm)	7/8" (22.2 mm)	2" (50.8 mm)
SB583	1/8" (3.2 mm)	1" (25.4 mm)	2" (50.8 mm)
SB584	1/4" (6.3 mm)	1" (25.4 mm)	2" (50.8 mm)
SB585	3/8" (9.5 mm)	1" (25.4 mm)	2" (50.8 mm)
SB587	1/16" (1.6 mm)	1" (25.4 mm)	2" (50.8 mm)
SB588	1/4" (6.3 mm)	7/8" (22.2 mm)	4" (101.6 mm)
SB589	3/16" (4.8 mm)	7/8" (22.2 mm)	4" (101.6 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Bulk Rolled Setting Block Material

- 80 Durometer Hardness in Rolls That You Cut to Length as Needed to Reduce Waste



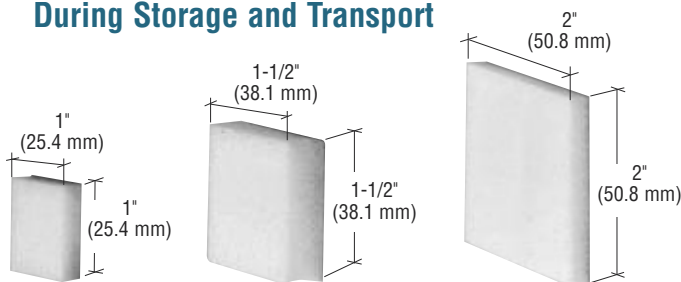
CRL Bulk Rolled Setting Block Material cushions and supports glass, and acts as a centering device for Insulating Glass units installed in channels. The 80 durometer neoprene or PVC composition makes it resilient, so that glass cushioned by these materials can withstand vibration, shock, and heavy wind loads. These economical bulk rolls can be cut to any length for each application, and are available in a variety of stock sizes. Custom sizes and hardness can be quoted upon request.

CAT. NO.	MATERIAL	"T" THICKNESS	"W" WIDTH	ROLL LENGTH
SBRL1	Neoprene	1/4" (6.3 mm)	5/8" (15.9 mm)	100' (30.5 m)
SBRL2	Neoprene	1/8" (3.2 mm)	3/4" (19 mm)	100' (30.5 m)
SBRL3	Neoprene	1/4" (6.3 mm)	3/4" (19 mm)	100' (30.5 m)
SBRL4	Neoprene	1/8" (3.2 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL4B	PVC	1/8" (3.2 mm)	1" (25.4 mm)	500' (152.4 m)
SBRL5	Neoprene	1/4" (6.3 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL5B	PVC	1/4" (6.3 mm)	1" (25.4 mm)	350' (106.7 m)
SBRL6	PVC	1/16" (1.6 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL6B	PVC	1/16" (1.6 mm)	1" (25.4 mm)	1000' (305 m)
SBRL7	PVC	3/16" (4.8 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL7B	PVC	3/16" (4.8 mm)	1" (25.4 mm)	500' (152.4 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Super-Duty Shipping Pads

- Support Heavy Insulating Glass Units During Storage and Transport



CRL Super-Duty Shipping Pads are used to support and separate finished Insulating Glass units during transport and storage. Pads are die-cut on sheets of release paper, and peel off easily for application. Select from two thicknesses in up to four sizes.



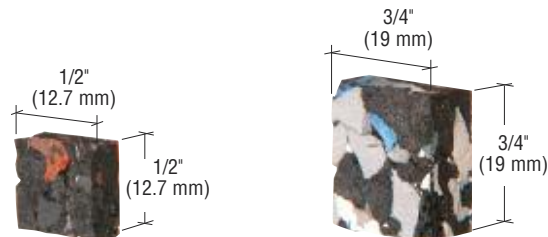
Die-cut Sheets

CAT. NO.	PAD SIZE	THICKNESS	PADS/BOX
NSP1411	1" x 1" (25.4 x 25.4 mm)	1/4" (6.3 mm)	12096
NSP141515	1-1/2" x 1-1/2" (38.1 x 38.1 mm)	1/4" (6.3 mm)	5376
NSP14152	1-1/2" x 2" (38.1 x 50.8 mm)	1/4" (6.3 mm)	4032
NSP1422	2" x 2" (50.8 x 50.8 mm)	1/4" (6.3 mm)	3024
NSP1211	1" x 1" (25.4 x 25.4 mm)	1/2" (12.7 mm)	6048
NSP121515	1-1/2" x 1-1/2" (38.1 x 38.1 mm)	1/2" (12.7 mm)	2668

Minimum order: 1 box. Sizes can be combined for quantity pricing.

CRL Sponge Rubber Shipping Pads

- For Storing and Transporting Glass
- Leave No Residue When Removed



Made of heavy-duty, 1/4" (6.3 mm) thick composition rubber, these CRL Sponge Rubber Shipping Pads have a special adhesive that leaves no residue when removed from the glass. Application is simple - just peel and stick to the glass.



CAT. NO.	PAD SIZE	THICKNESS	PADS/ROLL
SP1412	1/2" (12.7 mm) Square	1/4" (6.3 mm)	1000
SP1412B	1/2" (12.7 mm) Square	1/4" (6.3 mm)	10000
SP1434	3/4" (19 mm) Square	1/4" (6.3 mm)	1000
SP1434B	3/4" (19 mm) Square	1/4" (6.3 mm)	5000

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

Insulating Glass Compatible Sealants

CRL RTV408 Neutral Cure Silicone

- Low Odor, Non-Acetic Cure Formula
- AAMA Approved
- Compatible for Insulating Glass Glazing



10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

CRL RTV408 Silicone is a neutral cure, medium modulus, 100% silicone sealant that cures to a tough, flexible rubber when exposed to moisture. It is designed for primerless adhesion to most common building materials and is non-corrosive. It is easy to gun and tool, has a long life expectancy, and is compatible for Insulating Glass glazing. For additional specifications, please turn to page 855W.

CAT. NO.	COLOR
RTV408C	Clear
RTV408AL	Aluminum
RTV408BL	Black
RTV408BRZ	Bronze
RTV408BGE	Beige
RTV408DT	Dark Tan
RTV408T	Tan
RTV408W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL 321 Acrylic Latex With Silicone

- Suitable for Glazing Insulating Glass Units in Wood Frames
- Mildew Resistant



10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

A truly versatile caulk, CRL 321 Acrylic Latex with Silicone is a special blend of silicone and acrylic latex that provides superior primerless adhesion to building materials such as wood, brick, glass, plastic, metal, and ceramics. CRL 321 is mold and mildew resistant, and is paintable with oil or latex-based paints. For additional specifications, please turn to page 858W.

CAT. NO.	COLOR
321C	Clear
321W	White
321BRZ	Bronze
321GRY	Gray
321ALM	Almond

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Deluxe Spring Clamps

- Used to Hold Insulating Glass Units in Place During Sealing
- Vinyl Coated Tips and Grip



CRL Deluxe Spring Clamps hold Insulating Glass units in place during the sealing process. They have an ergonomic design that minimizes the spread between handle ends, and makes the "grip" more comfortable for the user. At full opening, the point of pressure remains at the jaw tips. Heavily plated steel clamps have smooth, bright finish to resist corrosion.

CAT. NO.	MAXIMUM JAW OPENING	SIZE
JC3201HT	1" (25.4 mm)	4" (102 mm)
JC3202HT	2" (50.8 mm)	6" (152 mm)
JC3203HT	3" (76.2 mm)	9" (228 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Solo One-Handed "G" Clamp



- Holds Insulating Glass Unit in Place During Sealing Process



The CRL Solo "G" Clamp has a patented design for use with only one hand. Use it to clamp Insulating Glass units in place during the sealing process, because they are quick and easy to set or remove. It is simple to use because it works like a caulking gun to set or release. Also great to use for gluing, sawing, and drilling work that might need a secure hold.

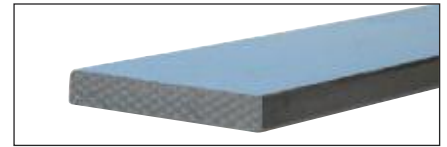
CAT. NO. 71004P

CRL Phenolic Straight Edges

- Phenolic Straight Edges Won't Warp Like Wood, and are Built to Last
- Available in Five Sizes

These tough CRL Phenolic Straight Edges are built to last. They have no markings, but are accurate and easy to use. Used by leading glass companies, these high quality straight edges are valuable tools whenever glass is cut. All Straight Edges measure 3" (76.2 mm) wide by 1/2" (12.7 mm) thick.

NOTE: To prevent distortion always store your Straight Edges in a flat position, not leaning against a vertical surface.



CAT. NO.	LENGTH
SEP48	48" (1219 mm)
SEP72	72" (1829 mm)
SEP96	96" (2438 mm)
SEP120*	120" (3048 mm)
SEP144*	144" (3658 mm)

Minimum order: 1 each. Can be combined with all other rules and squares for quantity pricing, except L-Square Combo Sets. *Over UPS size limits. Must ship common carrier.

CRL Phenolic L-Squares

- Factory Calibrated for Accuracy

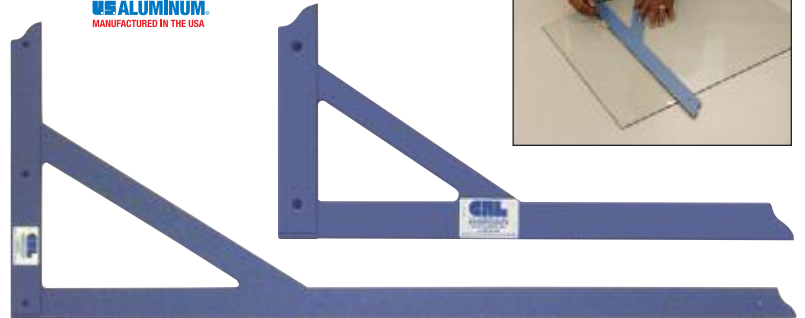
These inexpensive, durable CRL L-Squares really do the job. Because they are made of high impact phenolic, they take a lot of on-the-job punishment without warping, and last a long time. L-Square Combo Sets are also available. Keep one in the shop, take one to the job site, and save money too!

NOTE: To prevent distortion always store your L-Squares in a flat position, not leaning against a vertical surface.

INDIVIDUAL L-SQUARES

CAT. NO.	LENGTH
L24	24" (610 mm)
L36	36" (914 mm)
L48	48" (1219 mm)
L60	60" (1524 mm)

Minimum order: 1 each. Can be combined with all other rules and squares for quantity pricing except L-Square Combo Sets.



MONEY SAVING L-SQUARE COMBO SETS

CAT. NO.	LENGTH
L4824C	48" (1219 mm) and 24" (610 mm) L-Square
L6024C	60" (1524 mm) and 24" (610 mm) L-Square

Minimum order: 1 each.

CRL Oil Type Glass Cutters

- Self Lubricating Wheel for Long Life
- Choose From Three Interchangeable Cutting Heads

Our Oil Type Glass Cutters let you cut glass in quantity without losing sharpness. Every time you depress the Cutter it automatically dispenses a drop of cutting oil to the steel cutting wheel. Choose either the metal handle or plastic handle model, both of which can be ordered with a Straight or Pattern Cutting Head.

REPLACEMENT CUTTING HEADS

CAT. NO.	HONE ANGLE	HEAD TYPE
41050	134 Degree	Straight Cutting
41050D	134 Degree	Pattern Cutting
41050R	154 Degree	For 1/2" to 1" (12 to 25 mm) Glass

Minimum order: 1 each. Replacement Heads can be combined for quantity pricing.



41050



Straight Cutting Head

41050D



Pattern Cutting Head

S1050

Metal Handle
Oil Glass Cutter

P1050D

Plastic Handle
Oil Glass Cutter

41050R



Cutting Head for
1/2" to 1" Thick Glass

OIL TYPE GLASS CUTTERS

CAT. NO.	HANDLE	HONE ANGLE	HEAD TYPE
P1050	Plastic	134 Degree	Straight Cutting
P1050D	Plastic	134 Degree	Pattern Cutting
S1050	Metal	134 Degree	Straight Cutting
S1050D	Metal	134 Degree	Pattern Cutting

Minimum order: 1 each. All Oil Type Glass Cutters can be combined for quantity pricing.

CRL Evaporating Glass Cutting Oil

- 100% Evaporation Within One Hour
- Leaves No Residue

CRL Evaporating Glass Cutting Oil is an excellent glass cutting lubricant that is primarily used in the insulating glass industry. 100% evaporation within one hour when exposed to air. Leaves no residue on the glass, so perimeter edge seals adhere better.



CAT. NO.	SIZE
V020	5.2 Gallon (20 l)
V024	1.1 Gallon (4 kg)

Minimum order: 1 each.

CRL 10" Makita® Compound Miter Saw

- Performs Bevel and Miter Cuts
- Powerful 15 AMP Motor Delivers 4600 RPM
- Weighs Only 25.5 Pounds (11.5 kg) for Easy Portability

This CRL Makita® Compound Miter Saw has a dual post compound-pivoting arm that bevel cuts up to 45 degrees to the left, and miter cuts 0 to 45 degrees on the left and 0 to 52 degrees on the right. This saw has nine positive stops at 15, 22.5, 30, or 45 degrees right or left, and 0 degrees (90 degree cuts). Includes one 40-tooth Carbide Tipped Blade, Socket Wrench, Dust Bag, Triangular Rule, and Vertical Vise. **NOTE:** This Saw is not designed for use with abrasive cut-off wheels. Minimum order is one each.



CAT. NO. LS1040

CRL 10" Nordic "ATX" 144 Tooth Carbide Tipped Saw Blade



- Triple Chip Design Tooth Pattern
- Cuts Metal Spacer and Muntin Bar

CRL Nordic "ATX" Carbide Tipped Saw Blades are built with a maximum number of teeth to give clean, burr free cuts on thin aluminum extrusion. Hollow ground to prevent kickback, and the teeth are inserted to give maximum tip strength. Blade diameter: 10" (254 mm), Arbor: 5/8" (15.9 mm). **NOTE:** Cut aluminum spacers and muntin bar without oil or coolant. Minimum order is one each.

CAT. NO. CSB10X144ATX

CRL 10" Semi-High Speed 150 Tooth Aluminum Cutting Blade



- For Aluminum, Brass and Copper
- Cuts Metal Spacer and Muntin Bar

CRL Semi-High Speed Aluminum Cutting Blades are constructed to withstand the excessive pressure encountered during metal cutting. They are particularly suited for cutting non-ferrous metals such as aluminum, brass, and copper. Blade diameter: 10" (254 mm); Arbor: 5/8" (15.9 mm). **NOTE:** Cut aluminum spacers and muntin bar without oil or coolant. Minimum order is one each.

CAT. NO. SHS10X150

CRL 10" High Speed 200 Tooth Aluminum Cutting Blade



- For Thin-Walled Aluminum Spacers and Muntin Bars
- 200 Teeth for Burr Free Cuts

The CRL 10" (254 mm) High Speed Saw Blade is a hollow ground blade designed for cutting thin-walled aluminum extrusion. Blade diameter: 10" (254 mm); Arbor: 5/8" (15.9 mm). **NOTE:** Cut aluminum spacers and muntin bar without oil or coolant. Minimum order is one each.

CAT. NO. SHS10X200

CRL Radians® Protective Glasses

- 99% UV Protection
- Anti-Scratch Coating and Fog Resistant

CRL Radians® AV™ Glasses employ the best in eye and ear protection that meet or exceed ANSI Standards. The lens has an anti-scratch hard coating and is 99% UV protected. They also resist fogging which occurs in all types of weather and working conditions. Each pair of CRL Radians® Glasses come complete with a neck cord to hold them while not in use. The JP2000 Ear Protectors are reuseable, washable, and conveniently replaceable.

Makita is a registered trademark of Makita Corporation.
Radians is a registered trademark of Radians, Inc.



CAT. NO.	DESCRIPTION
AV1110	Radians® AV™ Glasses
JP2000	Radians® Replacement Ear Protectors for AV1110

Minimum order: 1 each.

CRL Sure-Grip 8" Vacuum Lifter

- Greatest Lifting Capacity of Any 8" (203 mm) Pump-Activated Vacuum Lifter
- One Hand Pump and Attachment for Safety When Needed
- Built-In Vacuum Loss Indicator
- Soft Contoured Sure-Grip Handle for Comfort
- Meets CE Conformance

CRL is proud to introduce the latest technology in hand held vacuum lifting cups, our S338 Sure-Grip Vacuum Lifter. Manufactured by C.R. Laurence in Australia, the state-of-the-art design of the S338 offers unique features, setting it apart from other 8" (203 mm) pump-activated vacuum lifters. Minimum order is one each.



Each S338 ships with this distinctive gray colored protective carrying case



Manufactured in Australia by C.R. Laurence Co.

Lifting Capacity
150 lbs. (68 kg)



CAT. NO. S338

CRL 8" ABS Handle Pump-Action Vacuum Lifter

- Fast, Safe Attachment to Smooth, Nonporous Flat Surfaces
- Heavy-Duty 5 mm Thick ABS Handle Resists Bending, Especially During Heavy Lifts
- Four Extra Mounting Points Make it Easy to Attach to Metal Lifting Frames, Jigs, and Our Vacuum Ratchet Tensioning Kit

The CRL S108 8" (203 mm) Pump-Action Vacuum Lifter is designed to make the carrying of large flat glass lites safe and easy. The basic components are a tough ABS handle, with zinc plated parts designed not to rust, attached to a precision molded rubber suction pad. Molded carrying case included. Minimum order is one each.



Manufactured in Australia by C.R. Laurence Co.

Lifting Capacity
120 lbs. (56 kg)

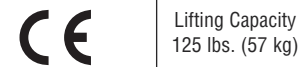


CAT. NO. S108

CRL 8" Stainless Steel Handle Pump-Action Vacuum Lifter

- Full Pad Face Contact When Pumped to Reduce Distortion
- Fast Attachment on Smooth, Nonporous Flat Surfaces
- Heavy-Duty Stainless Steel Handle
- Tough ABS Plunger With Red-Line Indicator
- Can be Re-Pumped Without Losing Remaining Vacuum
- Wide Release Valve Lever Permits Quick and Complete Release

CRL has developed the S7950 8" (203 mm) Pump-Action Vacuum Lifter with the strength of a heavy-duty stainless steel handle and a tough ABS 3-stroke Plunger Pump for extra-fast attachment to glass and other nonporous surfaces. The Plunger uses a red-line indicator to let you know that you have sufficient vacuum to lift your load. Should the red-line appear after pumping, a built-in check valve allows you to re-pump without vacuum loss. Molded carrying case included. Minimum order is one each.



Lifting Capacity
125 lbs. (57 kg)



CAT. NO. S7950

CRL 8" ABS Handle Vacuum Lifter for Curved Surfaces

- Designed Primarily for Lifting Curved Architectural Glass
- Red-Line Indicator Warns User of Any Vacuum Loss
- Providing Safe Lifting to the Industries Since 1992



Manufactured in Australia by C.R. Laurence Co.



Lifting Capacity
125 lbs. (57 kg)



Red-Line Indicator

CRL Pump-Up Vacuum Lifters for Curved Glass are designed to make the carrying and lifting of large architectural curved glass sheets, windscreens (windshields), and thin flexible materials such as 1/16" (2 mm) sheet metal, safe and easy. Vacuum attachment to flat, nonporous surfaces is achieved in a few seconds by depressing the pump's plunger until it stays well within the handle, beyond the red-line safety indicator. It comes with a protective carrying case. Minimum order is one each.

CAT. NO. S109

CRL 10" ABS Handle Vacuum Lifter for Flat Surfaces

- Designed to Carry Large Sheets of Glass, Marble or Stone Safely
- Supplied With Protective Carrying Case
- Providing Safe Lifting to the Industries Since 1992



Manufactured in Australia by C.R. Laurence Co.



Lifting Capacity
175 lbs. (80 kg)



CRL Pump-Up Vacuum Lifters are designed to make the carrying and lifting of large glass sheets, marble or stone, safe and easy. Vacuum attachment to flat, nonporous surfaces is achieved in a few seconds by depressing the pump's plunger until it stays well within the handle, beyond the red-line safety indicator. It comes with a protective carrying case. Minimum order is one each.

CAT. NO. S110

CRL Vertical Handle Vacuum Lifter

- Lightweight ABS Handle, Designed for Convenient Hand Placement
- Large Volume Pump for Quick Attachment on Curved or Flat Surfaces
- Red Line Vacuum Loss Indicator



Manufactured in Australia by C.R. Laurence Co.

Lifting Capacity
55 lbs. (25 kg)



CAT. NO. S106VHP

The ideal tool for removing or installing windshields or custom bent glass. Its large volume pump permits quick attachment on both curved and flat glass surfaces. The flexible pad conforms to the surface, and then flattens out, providing maximum gripping power. It is supplied with a vacuum pad protector. Pad measures 6" (152 mm) in diameter. Minimum order is one each.

CRL Vacuum Lifter With Bail Handle

- Red-Line Indicator Warns User of Any Vacuum Loss



Manufactured in Australia by C.R. Laurence Co.

Lifting Capacity
66 lbs. (30 kg)



The narrow profile of the S106BH Vacuum Lifter makes it an excellent tool for pulling glass sheets from narrow storage locations, as well as for general purpose handling. Designed to work with flat or curved glass, the rubber pad has a dual seal system to protect against vacuum loss. It is supplied with a vacuum pad protector. Pad is 5-7/8" (150 mm) in diameter. Minimum order is one each.

CAT. NO. S106BH

CRL Wood's Powr-Grip Vacuum Cups

- The Glazier's Favorite Cup Has a Pump-Actuated Vacuum Mechanism With a Quick Release Trigger
- Built-In Vacuum Loss Indicator

CRL proudly offers you the unique line of Wood's Powr-Grip Vacuum Cups. These specially designed, hand actuated cups operate on a pump system, and create a vacuum under their gripping pad section. The pump plunger has a red band to indicate suction level at all times. When it shows less than 100% vacuum left, simply pump the plunger until you reach the original vacuum pressure without removing the cup from the glass. To release, just depress a trigger on the opposite end of the handle from the plunger. There are four models of the basic Wood's Powr-Grip Vacuum Cup. All come with a vacuum-molded carrying case to protect the cup when not in use. For more information on the complete line of Wood's Vacuum Lifting Equipment, go to crlaurence.com.

CAT. NO.	CUP SIZE	GRIPPING SURFACE	WEIGHT CAPACITY	HANDLE TYPE
W4000	8" (203 mm)	50 sq. inch (323 sq. cm)	125 lbs. (57 kg)	Lexan
W4950	8" (203 mm)	50 sq. inch (323 sq. cm)	125 lbs. (57 kg)	Metal
W5450	9" (229 mm)	60 sq. inch (387 sq. cm)	150 lbs. (68 kg)	Metal
W6450	10" (254 mm)	70 sq. inch (452 sq. cm)	175 lbs. (79 kg)	Metal

Minimum order: 1 each. All Wood's Vacuum Cups can be combined for quantity pricing.



CAT. NO. W4950
Metal Handle Cup

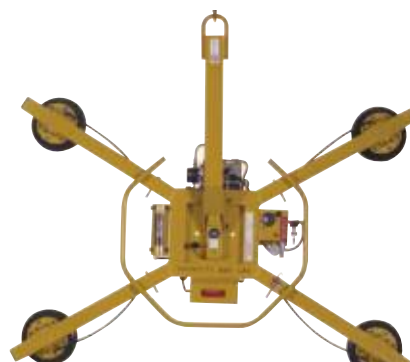


CAT. NO. W4000
Lexan Handle Cup

CRL Wood's Vacuum Lifting Frames

- Frames Rotate and Tilt for Maneuverability
- 500 and 700 Pound (226 and 318 kg) Lifting Capacities
- Cord-Free Operation

When you have heavy glass to lift and need cord-free movement, we have the equipment to help you get the job done. These Wood's Vacuum Lifting Frames provide an ideal method for moving glass quickly - either in the warehouse or job sites where rotation or tilting is required. All three work in conjunction with a crane, hoist or forklift to make the task of moving heavy glass up to 700 pounds (318 kg), safe and efficient. For more models to choose from, please visit our web site at crlaurence.com.



Manual Rotator/Tilter



Single Channel Frame

CAT. NO.	DESCRIPTION	CUP SIZE	PAD SPREAD SIZE
P11104DC	Powr-Grip 700 lb (318 kg) Single Channel	11" (279 mm)	12" x 51" (305 x 1295 mm)
MRT49DC	500 lb (226 kg) Manual Rotator/Tilter	11" (279 mm)	26" x 30-1/2" (660 x 775 mm)
MRT411LDC	700 lb (318 kg) Manual Rotator/Tilter	11" (279 mm)	28" x 32-1/2" (711 mm x 825 mm)
TF007	Insulating Glass Anti-Shear Support Straps (1 Pair)		---

Minimum order: 1 each. Must ship common carrier. No UPS. Minimum order 1 pair for Support Straps.



I.G. Anti-Shear Support Straps

CRL Rolling Glass Manipulator

- Perfect for One Person Glass Transport and Installation
- Rotates Lites Up to 96" (2.4 m) Long
- Assembles in Minutes
- Unloads Glass Truck Racks and "A" Frames
- Extra Large 12" (305 mm) Vacuum Pads

Handling insulating glass and windows can be a back breaker due to the weight and size of the plates, as well as the uneven grounds at construction sites. CRL now offers the Rolling Glass Manipulator, an innovative small portable lifter that allows one person to move lites weighing up to 220 lbs. (100 kg) or two people up to 330 lbs. (150 kg). The RGM1 is lightweight and can easily be assembled in under a minute. Once assembled, the RGM1 can unload glass lites off your truck and then transport the lites on site. The wheelbase can be adjusted from 31-1/2" to 21-1/4", allowing for narrow on site walkways. The RGM1 allows the lite to be rotated 360 degrees, and then the operator can also index the lite allowing movement through standard 36" wide doorways.



CAT. NO. RGM1

CRL Wood's Ladder Lifter

- The Fastest, Safest, and Most Efficient Way to Install Above Grade Windows
- Eliminates Staging of Scaffolding
- Can Be Used From Interior or Exterior



Watch the Ladder Lifter in Action!
View the Video at crlaurence.com

Developed by a high-volume remodeling contractor, the CRL Wood's Ladder Lifter makes second story window installations safer and easier than ever. The Ladder Lifter quickly clamps onto the rungs of your ladder with the Pulley Assembly on top, and the Braking Winch Assembly near the bottom. Suspended from the galvanized steel cable is the adjustable width Hand Cup Lifter Bar that uses two Cat. No. W4950 Metal Handle 8" (203 mm) Vacuum Cups that you attach to the glass. Cups can be positioned along the bar to span exterior muntins when required.

You can easily lift up to 185 pounds (84 kg) safely using the winch to precisely position the window unit. Using a second ladder, the window can then be fitted and sealed into place. Because the Ladder Lifter uses a special "Braking" Winch there's no need to flip levers to lock the unit into place. Just release the winch handle and you are locked into position. To lower the Lifter Bar simply rotate the winch handle counterclockwise.

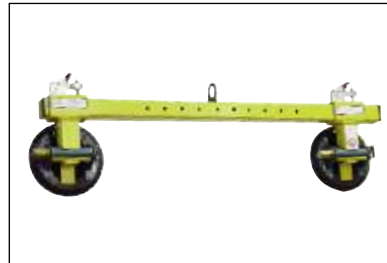
Typical installations require only a two-person crew and two hours to complete because there is no time lost staging and disassembling scaffolding, so payback for your Ladder Lifter is fast.



NOTE: Use only where the Vacuum Cups can be monitored and re-pumped if necessary. When Ladder Lifter is attached, the ladder may not be used to support workers. Ladders used in conjunction with the Ladder Lifter must have a minimum load capacity of 375 pounds (170 kg).

CAT. NO.	DESCRIPTION
LL185	Wood's Ladder Lifter Without Vacuum Cups
LL185C	Wood's Ladder Lifter With Two W4950 8" Vacuum Cups

Minimum order: 1 each. CRL Wood's Ladder Lifters are shipped via U.P.S. from your nearest CRL service center.



Hand Cup Lifter Bar Assembly



Top Pulley Assembly

CRL Ladder Lifter Third Cup Accessories

Optional Third Vacuum Cup Accessories are available for additional load stabilization. The Adjustable Center Arm can be retrofitted on all Ladder Lifters produced after January 2007, and can be positioned in 2" (50.8 mm) increments vertically and 1/2" (12.7 mm) horizontally. The adjustable Horizontal Lift Bar Third Cup Holder is also available. It mounts and slides on the horizontal cross bar in a similar fashion to the two original cup mounts. Minimum order for either accessory is one each. Individual Cat. No. W4950 8" Vacuum Cups are sold separately.

SPECIFICATIONS:

Adjustable Pad Spread With Two 8" Wood's Powr-Grip Hand Vacuum Cups (to Outside Edge of Cups)

Minimum: 8" x 16" (203 x 407 mm)

Maximum: 8" x 39" (203 x 990 mm)

Load Capacity: 185 lbs. (84 kg) with ANSI Type 1AA 375 lbs. (170 kg) capacity ladder (not included).



Bottom Braking Winch Assembly

Easy Set Up and Operation



Position



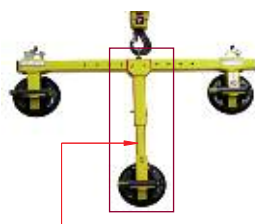
Lift



Install



CAT. NO. LL185CA
Horizontal Lift Bar
Third Cup Holder



CAT. NO. LL185EXT
Center Arm for addition of third
Powr-Grip Cup (not included)

NOTE: The addition of a third vacuum cup does not add to the maximum lifting capacity of 185 pounds (84 kg).

CRL 360 Degree Rotary Work Table

- **Speeds Up Production of Insulating Glass Units**
- **2' x 3' (610 x 914 mm) Carpeted Surface**
- **Holds Units Up to 5' x 7' (1524 x 2134 mm)**

The CRL Rotary Work Table speeds up production of Insulating Glass units while creating a safer work place. The glass is held in position by a 6" (152 mm) vacuum cup on a 24" x 36" (610 x 914 mm) carpeted surface. Vacuum Cup system is powered by a continuous-flow vacuum generator which requires a 35 psi air supply (not supplied) regulated at the table. A 360 degree air driven braking system stops and holds the table-top in any rotational position. Both the vacuum hold-down and braking systems are controlled via tandem foot-pedal controls. Swing-out support arms expand the top surface to 60" x 84" (1524 x 2134 mm). Work surface height is 36" (914 mm). Shipping weight: 140 pounds (63.5 kg). Minimum order is one each.

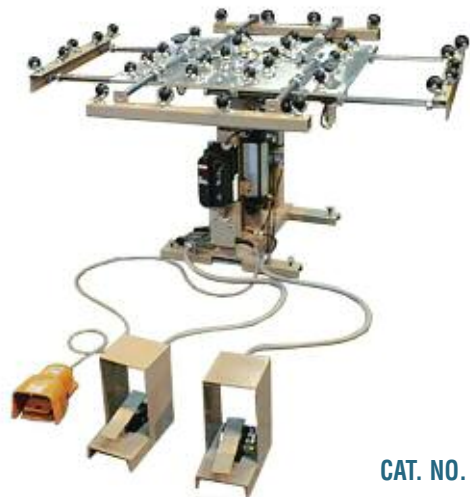


CAT. NO. LCS3084

CRL Power Rotating Sealing Table

- **360 Degree Rotating Table**
- **Extendable Arms Handle Large Insulating Glass Units**

The CRL Power Rotating Sealing Table seals single or stacked Insulating Glass units weighing up to 400 pounds (181 kg). The tabletop is raised and lowered by a 5" (127 mm) bore x 8" (203 mm) stroke pneumatic cylinder. Vacuum cups are raised and lowered by two 1" (25 mm) bore x 1" (25 mm) stroke pneumatic cylinders. Table rotation is powered by a DC drive motor with speed control. The directional rotation switch and speed control are mounted on a control panel on the table frame. All other controls are actuated by a foot pedal. Table rotates only in raised position. F.O.B. Red Oak, Texas. Shipping weight: 900 pounds. (408 kg). Minimum order is one each.



CAT. NO. PRST

CRL Positioner Vacuum Cup Work Stand

- **360 Degree Rotation**
- **Safely Handles Work Loads to 150 Pounds (68 kg)**

This CRL Positioner Vacuum Cup Work Stand is designed to hold glass or other non-porous materials up to 150 pounds (68 kg) in the position you set. The stand is great for window manufacturers when attaching hardware, assembling small I.G. units, or for anyone who needs to repetitively hold glass in a pre-determined position. It has full 360 degree edgewise rotation and a 90 degree forward tilt. A small, quiet 115V AC pump supplies constant vacuum to the 9" (228 mm) cup. Positioners feature adjustable pad height, foot valve vacuum release, 9" (228 mm) cup, vacuum pump, clamp and base. Shipping weight: 100 pounds (45 kg). Minimum order one each. F.O.B. Laurel, Montana.



CRL Positioner Vacuum Cup Work Stand with Table Mount Clamp

CAT. NO. POSB1P9AC



CRL Positioner Vacuum Cup Work Stand with Pedestal Base

CAT. NO. POSF1P9AC

CRL Insulating Glass Storage and Handling Equipment

- Safely Transport and Handle Glass
- Increase Productivity and Reduce Injury

CRL Glass Storage and Handling Equipment helps you spend less time setting up and more time installing. Dollies are ideal for one man jobs. Simple to load and operate, they reduce the chances for back strain, and damage to units being moved.



CRL Plate Glass Dollies

- Caster Design Allows 'Turn-on-a-Dime' Maneuvering
- Felt Pads Cushion Loads
- 36" (914 mm) Size is Ideal for One Man Installations

Use the CRL Plate Glass Dolly to move glass easier, safer, and faster from upright storage. The hardwood stock has a full length 1-1/2" (38 mm) groove to handle single or multiple lites. The balance arrangement of casters allows you to 'turn-on-a-dime' so you can use it in restricted spaces. Two thick felt pads are located near each end to cushion the load. All wheels and casters are made of tough phenolic plastic and move on ball bearings. An ideal dolly for moving Insulating Glass units, plate and safety glass, mirrors, plastic, marble, and formica sheets. Dolly has a 350 lb. (159 kg) capacity.

NOTE: Not available in Australia.



CAT. NO.	LENGTH	WIDTH	HEIGHT
13063	36" (914 mm)	5" (127 mm)	6-3/4" (171 mm)
13065	60" (1524 mm)	5" (127 mm)	6-3/4" (171 mm)
13066	72" (1829 mm)	5" (127 mm)	6-3/4" (171 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Heavy-Duty Steel Frame Glass Dollies

- 600 Pound (272 kg) Weight Capacity
- Sturdy Steel Construction
- Two Sizes Available
- Large Pneumatic Tires

CRL Heavy-Duty Steel Frame Glass Dollies can be used indoors or outside for transporting heavy plate glass or insulated units. The large 8-1/2" (216 mm) diameter pneumatic tires will roll smoothly, even over rough surfaces. Constructed from a rubber lined, 3" wide x 1/4" thick (76 x 6 mm), heavy steel channel which supports the glass 5-1/2" (140 mm) off of the floor. Wheels are set 12" (305 mm) apart to provide stability.



CAT. NO. 2401280



CAT. NO. 2401281

CAT. NO.	LENGTH	WIDTH	HEIGHT
2401280	48" (1219 mm)	3" (76 mm)	5-1/2" (140 mm)
2401281	72" (1829 mm)	3" (76 mm)	5-1/2" (140 mm)

Minimum order: 1 each.

CRL Glasstrax Dolly

- 600 Lb. (275 Kg) Capacity
- Self Clamping Action Locks Loads Up to 2" (50.8 mm) Thick
- One Person Can Load and Maneuver



CAT. NO. GT02

The CRL Glasstrax Glass Dolly makes it easier than ever to move heavy glass lites smoothly and safely. Load your glass centered on the Glasstrax and the weight of the glass will automatically pull the rubber lined side walls together, clamping it in place. The more weight loaded, the tighter the grip. Self-adjusting for glass up to 2" (50.8 mm) thick. Minimum order is one each.

CRL All Terrain Dolly

- Goes Where Other Glass Dollies Won't
- 400 Lb. (181 Kg) Capacity
- 16" (406 mm) Diameter Two-Ply Pneumatic Tire

CRL's All Terrain Dolly is like having an extra person on the job site. Moving large glass lites, insulating units, patio door panels, and even stone slabs across any terrain is now a snap. Curbs, door sills, and scrap lumber are no longer obstacles when your crew is using the CRL All Terrain Dolly.

Included is a Wood's 8" (203 mm) diameter Powr-Grip® Vacuum Cup and a set of Cat. No. RB200 Roller Blocks to protect the cargo's edges once unloaded. The Roller Blocks are stored conveniently inside the frame of the All Terrain Dolly so you always know where to find them. Maximum capacity: 400 lb. (181 kg). Minimum order is one each.



CAT. NO. ATD1
All Terrain Dolly



Patent Pending

CRL Camber Glass Dolly

- 600 Lb. (275 Kg) Capacity



CAT. NO. GSD1

The CRL Camber Glass Dolly is designed for transporting smaller lites of glass within the shop environment, or from your truck to the delivery site. This Dolly has 8" (203 mm) diameter, solid rubber wheels and a vulcanized rubber frame channel, which protects the glass against chipping or damage. The inside width of the channel measures 3-1/8" (79.3 mm); overall length of the channel is 20" (508 mm). Minimum order is one each.

CRL Four Wheel Glass Dolly

- 700 Lb. (320 Kg) Capacity



CAT. NO. GSD3

This CRL Four Wheel Glass Dolly is designed to provide additional stability while transporting lites of glass within the shop environment or from your truck to the delivery site. The Four Wheel Dolly has 8" (203 mm) diameter solid rubber wheels and a vulcanized rubber frame channel, which protects the glass against chipping or damage. The inside width of the channel measures 3-1/8" (79.3 mm); overall length of the channel is 20" (508 mm). Minimum order is one each.

CRL Self-Locking Dolly

- 880 Lb. (399 Kg) Capacity

This CRL Self-Locking Dolly is designed with "self-locking jaws" for transporting lites of glass within the shop environment or from your truck to the delivery site. The "all-terrain" Self-Locking Dolly has 11" (279 mm) diameter solid rubber wheels and a vulcanized rubber frame channel, which protects the glass or stone against chipping or damage while in the process of being moved. The inside width of the channel is 4" (101.6 mm); overall length of the vulcanized rubber "V" channel is 20" (508 mm). Minimum order is one each.



CAT. NO. GSD2

CRL Framed Glass Handling Dolly

- 300 Lb. (136 Kg) Capacity
- Perfect for Framed Glass



CAT. NO. LD450

With the CRL Framed Glass Handling Dolly, heavy items such as storefront doors, framed windows, storm windows, I.G. units, or just about any other flat surfaced item can be easily moved in an upright position. The dolly is adjustable to widths from 2-1/2" to 4-1/2" (63.5 to 114.3 mm), and the steel carriage is carpeted to prevent marring. Minimum order is one each.

CRL 55 Unit Insulating Glass Storage Rack

- Holds Units Up to 38" (965 mm) x 72" (1829 mm)
- 3000 Pound (1360 kg) Load Capacity
- Welded Tubular Steel Construction

This CRL IG Storage Rack will hold up to 55 Insulating Glass units. It is a free-rolling, Harp Rack mounted on four (two swivel and two fixed) heavy-duty casters with one floor lock. The divider rods are 5/16" (7.9 mm) diameter steel rods covered with PVC tubing. The floor is OBS backer board with four glass contact HDPE strips. The rods can be removed so that the PVC tubing can be easily replaced when worn. The Rack is shipped KD and assembly is quick and easy. The welded steel tube construction makes it sturdy, yet the heavy-duty casters allow for easy movement. A slot numbering system is an available option. Racks are heavy and require a forklift and/or a loading dock for delivery. Ships common carrier, from the nearest CRL Service Center location. Minimum order is one each.

SPECIFICATIONS:

Number of Slots: 55; Slot Width: 1-1/16" (27 mm); Minimum Glass Size: 18" (457 mm) Square; Maximum Glass Size: 38" x 72" (965 x 1829 mm); Height: 41-1/2" (1054 mm); Depth: 40" (1016 mm); Length: 89" (2261 mm); Weight: 380 lbs. (172 kg); Load Capacity: 3000 lbs. (1360 kg)



CAT. NO. R55RACK

CRL Harp Rack

- Stores Full Size Plates or Cutoffs
- Glass Can Be Easily and Safely Retrieved
- Now With High-Density PVC Flooring

This CRL Harp Rack consists of a steel frame, attached at one end to grooved PVC Flooring, and supported at the other end by two channel columns. Steel rods are strung within the frame, each covered with a plastic sheath. The plate is slipped into the grooved PVC flooring and between the rods, which support the plate at all times. Free standing, it can be disassembled and moved. Additional units can be bolted to the frame, forming an integral storage unit. Racks are heavy and require a forklift and/or loading dock for delivery. Must ship common carrier, from the nearest CRL Service Center location. Minimum order is one each.

SPECIFICATIONS:

Number of Slots: 60; Slot Width: 7/16" (11 mm); Maximum Glass Size: 120" x 96" (3048 x 2438 mm); Width: 54" (1372 mm); Depth: 101-3/4" (2584 mm); Inside Height: 97" (2464 mm); Weight: 600 lbs. (272 kg)



CAT. NO. 60RACK

CRL Roller Blocks

- Roll Heavy Sheet and Insulating Glass With Ease
- Turn Over to Use as a Set of Resting Blocks
- Rubber Base Ensures Traction



CRL Roller Blocks were developed to aid in the safe handling of large sheet glass or Insulating Glass units. Each of these Blocks has a cushioned 90 degree inside corner to rest your glass on while rotating or maneuvering into a vertical position. When turned over and rested across each opposing edge, they serve as a resting block to keep glass edges off of the floor. The wide pocket accepts thick glass, insulating glass, and doors with patch fittings. Sold in pairs. Maximum weight per Block is 400 lbs. (181 kg).

Minimum order is one pair.

CAT. NO. RB200

CRL Glass Tongs

- For Working With Heavy Glass in Slot Racks
- Made From the Highest Quality Steel



Our Glass Tongs have rubber lining on the jaws so they don't scratch or mar your glass while using them. The extra-long handles give you a firm grip on the glass and spaces yourself from it in the event of sheet breakage. One end of the Tongs is hooked to give you a better grip when pulling sheets out of your rack. Overall length is 18" (457 mm). Made from drop-forged steel. Minimum order is one each.

CAT. NO. 404

CRL Construction Sealants

- Quality Sealants for Use Around Windows and Doors
- Look for Our Complete Line of Quality Construction Sealants Online at crlaurence.com or Find Them in Our CRL03 Catalog: Sealants, Adhesives, and Fasteners

C.R. Laurence stocks a large variety of sealants and adhesives. You can choose from our own high quality CRL brands, or from other manufacturer's brands to get the right product for your application. This section is only a small assortment of the sealants and adhesives that we offer. Look for a complete line of construction sealants and adhesives online at crlaurence.com or in the CRL03 Master Catalog: Sealants, Adhesives, and Fasteners.



Acetoxy Silicone Sealants



CRL 33S
Silicone Sealant

WCS1
Water Clear Silicone

Modified Polyurethane Construction Sealants



CRL M64
Smooth Formula
Modified Polyurethane

CRL M65W
PermaWhite Formula
Polythane

CRL M66
Textured Formula
Modified Polyurethane

Neutral Cure Silicone Sealants



CRL 95C
Silicone Building
Sealant

CRL RTV408
Industrial and Construction
Silicone

Butyl Rubber Caulks



CRL 777
Butyl Rubber
Caulk

CRL 888
Premium Grade Caulking Compound

Acrylic Latex Caulks



CRL 321
Acrylic Latex With Silicone

CRL 800
Acrylic Latex Caulk With Silicone

CRL15W
Premium Grade Acrylic Latex Caulk

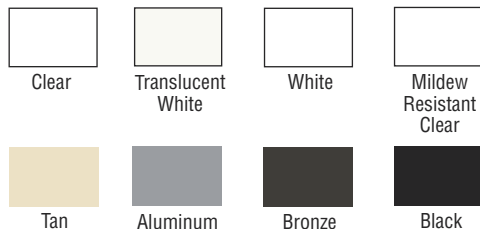
CRL SEALANTS AND ADHESIVES

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 33S Silicone Sealant

- Our Most Popular Sealant
- Plastic Cartridges With Screw-On Nozzles
- Available in Eight Colors

Color deposits shown here are approximate.



10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

CRL 33S Silicone is a high quality sealant that delivers the performance you demand at a price you will find very competitive. It is a one component, room temperature curing, 100% silicone elastomer that does not require the addition of activators, stabilizers or catalysts to achieve optimum properties. CRL 33S is especially designed for joining and sealing a variety of structural materials: glass, aluminum, metal alloys, stainless steel, and plastics. It will join and seal specialty glass assemblies, glass entries and partitions, glass block installations, and many art projects. It is an excellent product for showers, bathtubs, and sanitary installations. It has a wide operating temperature range of -80 to 400°F (-62 to 204°C), and can be applied at outdoor temperatures as low as -35 to 140°F (-37 to 60°C). 33S is also available in pails containing 4.5 Gallons (17 Liters) and 52 Gallon (197 Liter) Drums.

- Custom Colors Also Available
- Minimum Order Only 50 Gallons

CRL can now match 33S Silicone to your custom color sample for those very special sealant jobs. Minimum order as follows for the packaging that works best for you: 240 cartridges, or five each 5 gallon pails (net 4.5 gallons per pail). Contact CRL Customer Service for pricing.

33S Meets or Exceeds These Federal Specifications:

- TT-S-001543A (COM-NBS) Class A, for Silicone Building Sealants
- TT-S-00230C (COM-NBS) Class A, Non-Sag for One-Component Sealants
- ASTM C-920 Standard Specification for Elastomeric Joint Sealants as Type S, Grade NS, Class 25, Use NT, G, and A
- CGSB 19.13

CAT. NO.	COLOR
33SC	Clear
33SAL	Aluminum
33SBL	Black
33SBRZ	Bronze
33ST	*Tan
33SW	*White
33STW	*Translucent White
33SMRC	*Mildew Resistant Clear

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.
* Mildew Resistant Color

CRL Silicone Sealant in Handy 3 Ounce Tubes

- Same Professional Formula as Our 33S Silicone
- Great for Small Jobs or Over-the-Counter Sales

We have a retail display featuring all four colors in the handy 3 ounce size (48 tubes in all), on a colorful display rack. Ask for Cat. No. P0P10.



Professional quality CRL Silicone Sealant is available in handy 3 fluid ounce (90 ml) squeeze tubes for small jobs or over-the-counter retail sales. It meets the same exact standards and specifications as our 33S Silicone, so it is an assured performer you can use or sell with complete confidence. Packed twelve per box; four boxes per case.

CAT. NO.	COLOR
22C	Clear
22AL	Aluminum
22BL	Black
22W	White

Minimum order: 1 each. All 3 oz. silicone tubes can be combined for quantity pricing.

CRL Small Tube Dispenser Handle

- Makes Small Tubes of Sealants or Adhesives Easy to Dispense



The Small Tube Dispenser Handle is the fast and easy way to dispense materials (such as silicones, adhesives, etc.) from squeeze tubes. It lets you apply just the right amount of pressure for the proper bead size, and since you apply just the right amount of material, there is less mess and clean up. The open back design lets you draw the tube through the handle, so you can get virtually all of the material from the tube, reducing waste. Holds all flexible plastic or metal tubes up to 2-1/2" (63 mm) wide. Minimum order is one each.

CAT. NO. 710XX006



C.R. LAURENCE COMPANY

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CRL RTV408 Neutral Cure Silicone

- AAMA Approved for Exterior Perimeter Sealing of Windows and Doors
- Compatible for Insulating Glass Glazing
- Available in Eight Colors

10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

CRL RTV408 is a neutral cure, medium modulus, 100% silicone sealant. It cures to a tough, flexible rubber when exposed to moisture. Features of RTV408 include:

- Primerless adhesion to the following common building materials: aluminum, stainless steel, chromium, tin, iron, plastics, rigid PVC, phenolic resin, glass, ceramic, and most reflective coated glasses.
- Non-corrosive to all common building components.
- Fast cure desirable for many in-house production applications.
- Easy to gun and tool.
- Compatible for insulating glass glazing.
- Long life expectancy. Cured sealant remains flexible from -65°F to 400°F without cracking or becoming brittle.
- RTV408 White and Tan contain a fungicide making the cured sealant mildew resistant and suitable for use in bathrooms, spas, and sanitary applications.
- Plastic cartridges have 4" (102 mm) long removable Screw-On Nozzles and a 12 month shelf life.
- Also available in 4.5 Gallon (17 Liter) Pails and 48 Gallon (181 Liter) Drums.

RTV408 Meets or Exceeds These Federal Specifications:

- TT-S-001543A (COM-NBS) Class A, for Silicone Building Sealants
- TT-S-00230C (COM-NBS) Class A, Non-Sag for One-Component Sealants
- ASTM C-920 Standard Specifications for Elastomeric Joint Sealants as Type S, Grade NS, Class 25, Use NT, G, A and O
- AAMA 802.3-92 Type 1, 802.3-92 Type 2, 805.2-94 and 808.3-92
- CGSB 19.13-M87



CAT. NO.	COLOR
RTV408C	Clear
RTV408AL	Aluminum
RTV408BL	Black
RTV408BRZ	Bronze
RTV408BGE	Beige
RTV408DT	Dark Tan
RTV408T	Tan
RTV408W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

Color deposits shown here are approximate.



CRL can now match RTV408 Silicone to your custom color sample for those very special sealant jobs. Minimum order as follows for the packaging that works best for you: 240 cartridges, or five each 5 gallon pails (net 4.5 gallons per pail). Contact CRL Customer Service for pricing.

CRL Water Clear Silicone Sealant

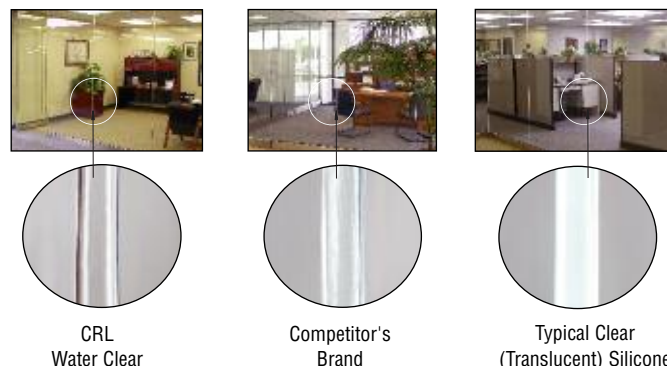
- Water Clear Formulation for Sealing Glass-to-Glass, Glass-to-Tile, and Glass-to-U-Channel
- Applications Include Shower Enclosures and Specialty Glass Assemblies



Water Clear Meets or Exceeds These Federal Specifications:

- TT-S-001543A (COM-NBS) Class A, for Silicone Building Sealants
- TT-S-00230C (COM-NBS) Class A, Non-Sag for One-Component Sealants
- ASTM C-920 Standard Specifications for Elastomeric Joint Sealants as Type S, Grade NS, Class 25, Use NT, G and A
- CAN/CGSB-19.13 M97

CLARITY COMPARISONS



• Water Clear When Fully Cured

Water Clear Silicone Sealant will provide exceptional clarity, making it the ideal sealant to use in frameless shower enclosures, glass entries and partitions, specialty glass assemblies, and glass block installations. Its unique weatherability enables it to retain original design properties, even after years of exposure. It is easily applied, and will cure in the presence of atmospheric moisture (acetox cure) to produce a durable and flexible glazing seal.

CAT. NO.	CONTENTS	QTY/CASE
WCS1	10.3 Fl. Oz. (305 ml)	30
WCS5	5 Fl. Oz. (148 ml)	30

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL SEALANTS AND ADHESIVES

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 95C Silicone Building Sealant

- **Neutral Cure Sealant has Excellent Primerless Adhesion to Most Common Construction Substrates, Including Fluoropolymer Paint Coatings**
- **All Temperature Gunnability and Long Tooling Time**
- **± 50% Joint Width Movement**
- **20 Year Limited Warranty**
- **Approved for the Florida Hurricane Impact Glazing Code***



10.3 Fl. Oz. (305 ml); 30 Cartridges Per Case; 1440 Cartridges Per Pallet

SPEC. DATA

MSDS



This innovative **Screw-On Nozzle** is standard on every cartridge of 95C, 33S, and RTV408 Silicone. It's 4" (102 mm) long and tapered so you can trim it to the right bead size for your requirements. Order Cat. No. S1LNOZ for additional nozzles.

CAT. NO.	COLOR
95CBL	Black
95CDBRZ	Dark Bronze
95CGRY	Gray
95CL	Limestone
95CW	Precast White
95CWH	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

95C Silicone Building Sealant is a one part, medium modulus, neutral cure, 100% silicone sealant. It cures to a durable and flexible building joint seal, and can accommodate ± 50% movement in a properly designed joint. 95C combines the best performance characteristics to provide outstanding unprimed adhesion to most common construction materials, including fluoropolymer paint coatings (KYNAR®, DURANAR®). It has all temperature gunnability and long cure time for easy tooling.

Basic uses include: sealing expansion and control joints in precast concrete panels and metal curtainwalls; non-structural glazing of glass, metal and plastic; waterproofing applications, including perimeter sealing of doors and windows. 95C forms a durable, flexible, watertight bond with most building materials in any combination of glass, ceramics, plastics, stone, masonry, wood, steel, anodized and mill-finished aluminum, and painted surfaces. In most cases, no primer is required. It is compatible with all laminated glass, insulating glass units, and acrylic and/or polycarbonate glazing sheets. It can be used as a weather seal for insulating glass units produced with all types of sealants including two-part silicones, polysulfides, polyurethane, and butyls. **NOTE:** 95C is not intended for structural glazing usage. Also available in 2 gallon (7.5 l) and 4.5 gallon (17 l) Pails.

95C meets or exceeds the requirements of:

- TT-S-001543 A (COM-NBS) for Silicone Building Sealants;
- TT-S-00230C (COM-NBS), for One Component Building Sealants as Class A, Non-Sag;
- ASTM C-920 Standard Specification for Elastomeric Joint Sealants as Type S, Grade NS, Class 25, Use NT, G, A, M and O
- Can/CGSB 19.13-M87.

*Successfully tested by manufacturers with systems approved for the **Florida Hurricane Impact Glazing Code** and recommended as an installation sealant. **NOTE:** Each manufacturer must test for use in their systems and have the results independently verified.

Color deposits shown here are approximate.



Black



Dark Bronze



Gray



Limestone



Precast White



White

CRL M65W PermaWhite Polythane

SPEC. DATA

MSDS

- **Advanced Non-Yellowing Formulation**
- **One-Part Smooth Finish Formula**



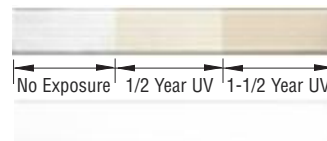
10.1 Fl. Oz. (300 ml); 30 Cartridges Per Case; 1440 Cartridges Per Pallet

M65W is a modified Polyurethane Sealant with an advanced non-yellowing formula and a smooth finish appearance. Contains no isocyanates and low VOC. Low odor for interior or exterior applications. Fast cure time allows painting in just two hours. M65W is ideal for door and window frame perimeters. Specifically developed for sealing dynamically moving joints, such as: expansion and control joints, precast concrete panel joints, curtainwall joints, perimeter caulking (masonry, windows, doors, skylights, panels), bedding of mullions, panels, and frames. It is compatible with Insulating Glass sealants when glazing units and applied as a toe or heel bead. Reduced fluid migration, or exudation, allows applications with new self-cleaning glass. Exhibits tenacious adhesion, which will not dissipate with time, to prepainted metals, plywood, glass, aluminum, steel, fiber cement, SMC, RIM, FRP, vinyl, and many plastics and composites. Capable of ± 25% joint movement in a well designed joint.

KYNAR is a registered trademark of Autofina Chemicals, Inc. DURANAR is a registered trademark of PPG Industries, Inc.

UV EXPOSURE COMPARISON

Standard White Polyurethane



M65W PermaWhite Polythane

CAT. NO.	COLOR
M65W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.



C.R. LAURENCE COMPANY

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CRL M66 Modified Polyurethane Construction Sealant

- One-Part Grainy Textured Finish Formula With Primerless Adhesion on Most Common Construction Surfaces, Including Fluoropolymer Paint Coatings
- Excellent Sealant for Interior or Exterior Use
- Durable and Flexible Performance in Moving Joints



10.1 Fl. Oz. (300 ml); 30 Cartridges
Per Case; 1440 Cartridges Per Pallet

CRL M66 is a one-part, moisture curing, gun grade modified polyurethane sealant. It does not require a primer on most common construction surfaces. CRL M66 is durable, flexible, and offers excellent performance in moving joints.

CRL M66 is an excellent general purpose sealant designed for use in precast, masonry, window frame perimeters, and similar types of construction joints. M66 is compatible with Insulating Glass sealants when glazing units and applied as a toe or heel bead. CRL M66 is designed for exterior and interior use. It is also suitable for varied manufacturing uses, such as the production of travel trailers and mobile homes, and in the assembly of galvanized air conditioning ductwork. Paintable in two hours with water-based paints.

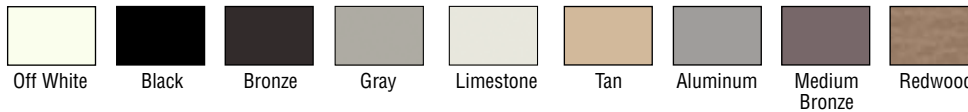
• Cost-Saving Sausage Packs

CRL M66 is also available in cost-saving sausage packs for sausage loading guns, such as our WG51001 (manual) or WG6100620 (air). Bulk sausage packing means less waste and better economy per use, so you get the same great quality with less expense.



20.3 Fl. Oz. (600 ml); 15 Sausages
Per Case; 990 Sausages Per Pallet

Color deposits shown here are approximate.



CARTRIDGES

CAT. NO.	COLOR
M660FW	Off-White
M66BL	Black
M66BRZ	Bronze
M66GRY	Gray
M66L	Limestone
M66T	Tan
M66AL	Aluminum
M66MBRZ	Medium Bronze
M66RW	Redwood

Minimum order: 1 each. Cartridges and Sausages can be combined for quantity pricing.

SAUSAGES

CAT. NO.	COLOR
M66S0FW	Off-White
M66SBRZ	Bronze
M66SGRY	Gray

Minimum order: 15 each. Cartridges and Sausages can be combined for quantity pricing.

CRL M64 Modified Polyurethane Construction Sealant

- One-Part Smooth Finish Formula With Primerless Adhesion on Most Common Construction Surfaces, Including Fluoropolymer Paint Coatings
- Excellent Performance in Moving Joints
- AAMA Approved



10.1 Fl. Oz. (300 ml); 30 Cartridges
Per Case; 1440 Cartridges Per Pallet

CRL M64 is a high performance, medium modulus, one-component, moisture curing, modified polyurethane sealant. It has a smooth finished surface when cured. M64 requires no priming for common substrates such as brick, concrete, aluminum, vinyl, wood, and granite. It applies with any standard cartridge size caulking gun to clean and dry surfaces.

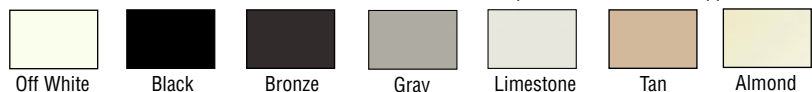
M64 was specifically developed for sealing dynamically moving joints, such as: expansion and control joints, precast concrete panel joints, curtainwall joints, perimeter caulking (masonry, windows, doors, panels), bedding of mullions, panels and frames. It is compatible with Insulating Glass sealants when glazing units and applied as a toe or heel bead. M64 exhibits tenacious adhesion that will not dissipate with time. This unique weather-resistant formulation possesses a balanced adhesive strength, medium modulus and high recovery, making it ideal to withstand the following adverse conditions common to such installations: moisture, movement, shear, and deflection. Paintable in two hours with water-based paints.

• Cost-Saving Sausage Packs

CRL M64 is also available in cost-saving sausage packs for sausage loading guns, such as our WG51001 (manual) or WG6100620 (air). Bulk sausage packing means less waste and better economy per use, so you get the same great quality with less expense.



20.3 Fl. Oz. (600 ml); 15 Sausages
Per Case; 990 Sausages Per Pallet



Color deposits shown here are approximate.



CARTRIDGES

CAT. NO.	COLOR
M640FW	Off-White
M64BL	Black
M64BRZ	Bronze
M64GRY	Gray
M64L	Limestone
M64T	Tan

Minimum order: 1 each. Cartridges and Sausages can be combined for quantity pricing.

SAUSAGES

CAT. NO.	COLOR
M64S0FW	Off-White
M64SBRZ	Bronze
M64SGRY	Gray
M64SALM	Almond

Minimum order: 15 each. Cartridges and Sausages can be combined for quantity pricing.

CRL 321 Acrylic Latex With Silicone

- Suitable for Exterior or Interior Use
- Mildew Resistant
- Paintable With Oil and Latex-Based Paints



Color deposits shown here are approximate.



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

CRL 321 Acrylic Latex with Silicone is a special blend of silicone and acrylic latex that provides superior primerless adhesion to building materials such as wood, brick, glass, plastic, metal, and ceramics. CRL 321 is mold and mildew resistant, and is paintable with oil or latex-based paints.

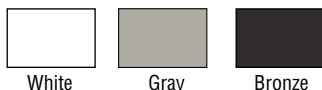
A truly versatile caulk, CRL 321 also features easy tooling and water clean up. The silicone gives it flexibility, while the acrylic promotes long life expectancy. Together they form an excellent sealant that can be used around window and door frames; for siding and trim work; caulking tubs and sink tops; thresholds and baseboards. CRL 321 can be tooled for approximately 30 minutes, and can be painted over after two hours with oil or latex-based paints.

CAT. NO.	COLOR
321C	Clear
321W	White
321BRZ	Bronze
321GRY	Gray
321ALM	Almond

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL 800 Acrylic Latex Caulk With Silicone

- Paintable and Easily Cleaned Up With Soap and Water
- For Exterior or Interior Use
- Mildew Resistant



Color deposits shown here are approximate.



10.5 Fl. Oz. (310 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

CRL 800 Acrylic Latex is a pure acrylic latex sealant for general purpose interior and exterior caulking in architectural applications where slight to moderate movement is anticipated. Formulated with the highest quality ingredients, including a touch of silicone for greater adhesion and weatherability.

CRL 800 is completely compatible with premium grade latex and oil-based paints. It absolutely will not stain adjacent surfaces, chalk or fade, and cures to a tough, flexible bond to most building material surfaces.

CAT. NO.	COLOR
800W	White
800GRY	Gray
800BRZ	Bronze

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL15W Premium Grade White Acrylic Latex Caulk

- Adheres to All Common Interior Substrates
- Odorless When Applied
- Easy Soap and Water Clean-Up
- Can Be Painted After Two Hours With Latex Paint



Color deposit shown here is approximate.



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case;
1920 Cartridges Per Pallet

CRL15W Premium Grade Acrylic Latex Caulk is a superior quality acrylic latex caulk formulated to meet the needs of the professional or the do-it-yourselfer. It has a creamy consistency, and applies easily with a standard caulking gun. CRL15W will adhere to all common construction substrates, and remains flexible after curing. Use it to seal around doors, windows, baseboards, and ceilings to provide long lasting protection.

CAT. NO.	COLOR
CRL15W	White

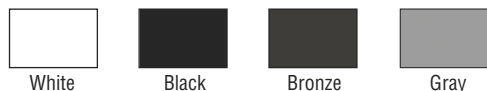
Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL SEALANTS AND ADHESIVES

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 777 Butyl Rubber Sealant

- Excellent Adhesion to a Variety of Clean Surfaces
- Superior Exterior Weathering Properties
- Service Temperature Range of -20 to 200°F (-29 to 93°C)
- Easy to Apply and Tool



Color deposits shown here are approximate.

CRL 777 Butyl Rubber is a unique, butyl-based sealant specially formulated using a blend of age resistant polymers to give excellent weathering properties at various temperature extremes. CRL 777 offers excellent adhesion to most clean surfaces, and will withstand joint movement of $\pm 10\%$ without affecting its water-tightness. It also has a special ultraviolet fighting agent for exceptional service life.

Recommended for exterior applications, CRL 777 Butyl Rubber Sealant features excellent adhesion to wood, masonry, glass, and metal surfaces. Hidden areas, such as under sill cans, thresholds, and around screw heads are excellent applications. Other areas, such as between metal building panels, wall-mounted air conditioning units, under aluminum siding and gutters are all good applications for butyl sealants. Application temperature range is 0 to 120°F (-18 to 49°C). Service temperature range is -20 to 200°F (-29 to 93°C). Paint time is 24 hours.



11 Fl. Oz. (325 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

CAT. NO.	COLOR
777W	White
777BL	Black
777BRZ	Bronze
777GRY	Gray

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL 888 Premium Grade Caulking Compound

- Multi-Functional, All Weather Caulk Will Not Harden or Crack With Age
- Economical Air and Watertight Seal
- Easy to Apply and Tool



Color deposits shown here are approximate.

CRL 888 Premium Grade Caulking is a general purpose butyl-based sealant suitable for use in joints where economical, maintenance-free, and watertight seals are desired. It is designed for use in joints of 3/8" (9.5 mm) or less in metal, glass, wood, plastic, and concrete. This sealing compound is easy to apply with standard manual caulking guns.

CRL 888 Premium Grade Caulking is non-stringy during application, and contains no asbestos minerals. When fully cured it forms an elastic, all-weather resistant seal which bonds to many surfaces. Application temperature range is 40 to 120°F (4 to 49°C). It also withstands temperature changes from -20 to 200°F (-29 to 93°C). It is recommended for caulking exterior and interior construction units, under thresholds, and aluminum siding, between metal building panels, truck body joints, and many other areas.

CRL 888 Premium Grade Caulking will not harden or crack with aging, and its color is stable to ultraviolet exposure. It features a non-staining, solvent release formula that bonds to a variety of surfaces. It is 90% cured in 21 days. Two hour tack free time. Paint time is 24 hours.



11 Fl. Oz. (325 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

CAT. NO.	COLOR
888W	White
888BLBRZ	Black/Bronze
888GRY	Gray

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

See More Sealants and Adhesives in Our CRL03 Master Catalog: Sealants, Fasteners, and Tools or Visit Our Web Site at crlaurence.com



CRL03 is One of Our Eight Master Catalogs Offering Over 60,000 Quality Products



crlaurence.com Details Every CRL Product With Its Own Web Page Plus All the Reference Data You Need

CRL FLASHING PRODUCTS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

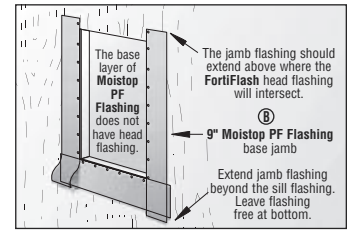
CRL Fortifiber Moistop PF® Flashing

- Mechanically Attached
- Cost Effective



CRL Fortifiber Moistop PF® Flashing is a superior, mechanically attached, flexible flashing product engineered to offer the perfect balance between extraordinary durability and cost-effectiveness. It is manufactured from a multi-layer composite employing heavy-duty polypropylene fabric, and coated on both sides with UV resistant polypropylene to resist cracking and curling. Ideal for installation over OSB or plywood, it can be used on all types of windows, including wood, vinyl, aluminum, and doors. It installs easily with a utility knife and hammer. Thickness is 6 mils. For optimum performance Moistop PF should be installed in conjunction with Moistop Sealant (see below).

new



Cut a strip of **Moistop PF Flashing** long enough to extend beyond sill flashing already in place, and above where the **FortiFlash** head flashing will intersect. Next attach the jamb flashing (B) flush to the edge of the rough opening leaving the bottom free. Repeat above steps for the remaining jamb.

CAT. NO.	WIDTH	LENGTH	QTY/CASE
S033009	9" (229 mm)	300' (91.4 m)	6
S033012	12" (305 mm)	300' (91.4 m)	6

Minimum order: 1 roll. Can be combined with other rolls of flashing for quantity pricing.

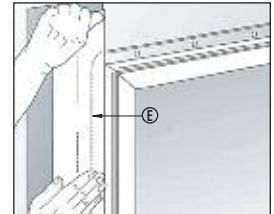
CRL Fortifiber FortiFlash® Waterproof Flashing

- Self-Adhesive Waterproof Membrane
- 25 and 40 mil Thicknesses



CRL Fortifiber FortiFlash® Waterproof Flashing is a premium, self-adhesive, waterproof flashing membrane for windows. It is also ideally suited for flashing non-roofing horizontal surfaces such as pot shelves, parapets, sill pans and recessed windows. This product is reinforced by incredibly strong, cross-laminated, high-density polyethylene film. This self-sealing, rubberized, asphalt core membrane is perfect for sealing around common through-wall penetrations. The 25 mil thick flashing makes it the preferred product for working in tight corners, while the 40 mil flashing is best suited for those applications where a thicker product is desired.

new



Wipe the window flange (D) and base **Moistop PF Flashing (B)** layer clean before applying **Fortifiber FortiFlash**. Cut the desired length of **Fortifiber FortiFlash (E)** on top of the window flange. Apply firm pressure along the entire length to ensure a continuous seal.

CAT. NO.	THICKNESS	WIDTH	LENGTH	QTY/CASE
M705030	25 mil	9" (229 mm)	75' (23 m)	4
M705040	25 mil	12" (305 mm)	75' (23 m)	4
M706030	40 mil	9" (229 mm)	75' (23 m)	3
M706040	40 mil	12" (305 mm)	75' (23 m)	3

Minimum order: 1 roll. Can be combined with other rolls of flashing for quantity pricing.

CRL Fortifiber Moistop® Sealant

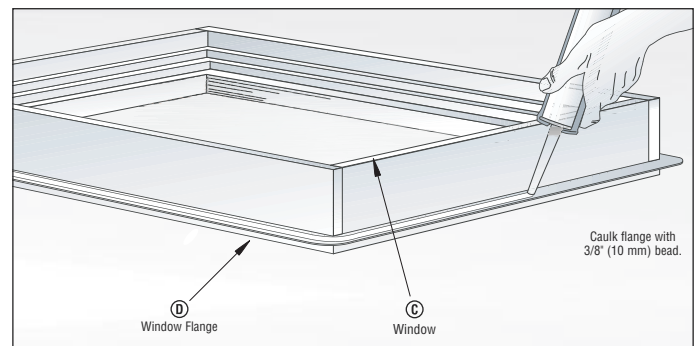
new

- Compatible With Fortifiber Flashing Products



CRL Fortifiber Moistop® Sealant is an integral component of Fortifiber's moisture control system for walls. It is compatible with all of Fortifiber's products and a wide range of building materials. A continuous bead on the window nail flange gives long lasting protection against moisture infiltration. It is the ideal choice for use in window and door installations.

Moistop and FortiFlash are registered trademarks of Fortifiber Corporation.



Before installing the window (C), Apply a continuous bead of **Moistop Sealant** to the perimeter of the rough opening or to the backside of the mounting flange (D) of the window. Install the window according to the window manufacturer's instructions.

CAT. NO.	CONTENTS	QTY/CASE
M704015	10.1 Fl. Oz. (300 ml)	30

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.



C.R. LAURENCE COMPANY

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US ALUMINUM 860W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

CRL Handi-Seal Window and Door Sealant

- Exceptionally Low Pressure and Minimal Expansion Sealing Foam
- Virtually Eliminates Bowing of Window Frames
- Complies With AAMA Document # 812-04



31 oz.
(880 g) Can

CRL Handi-Seal Window and Door Sealant is a one-component, closed cell polyurethane foam in a pressurized can specially formulated for window and door applications. Its unique low pressure and minimal expansion properties virtually eliminate the chance of bowing that can lead to customer callbacks. Complies with AAMA (American Architectural Manufacturers Association) Document #812-04 Industry Specification for proper installation of windows and doors. It extrudes the size of your pinky finger and expands to the size of your thumb.

Use for gaps less than 3" (76 mm) and in bead applications. Requires moisture to cure and becomes tack-free within five minutes, reaching full cure in 12 to 24 hours. A 1" (25 mm) bead at room conditions can be cut within one hour. Easily dispensed with either our Plastic or Metal Dispensing Guns (see below). 12 cans per case. Minimum order is one each.

CAT. NO. P10163

CRL Handi-Foam

- Minimal Expansion Only 20 to 25 Percent
- Seals Around Window and Door Frames, Air Ducts and Pipes
- Insulates and Soundproofs



31 oz.
(880 g) Can

This CRL Handi-Foam for Gun Dispensing is a one-component polyurethane foam in a pressurized can that expands to only 20 to 25 percent of its original volume. It extrudes the size of your pinky finger and expands to the size of your thumb. Use for gaps less than 3" (76 mm) and in bead applications. Requires moisture to cure, becoming tack-free in 10 minutes and curing in 12 to 24 hours.

Use Handi-Foam as a fill to stop air infiltration from cracks, gaps, holes, and more. It adheres to everything except silicone, and polyethylene. Easily dispensed with either our Plastic or Metal Dispensing Guns (see below). 12 cans per case. Minimum order is one each.

CAT. NO. P10290

CRL Handi-Foam Metal Gun

- Heavy-Duty Model for Production Use



- Control Valve for Precise Flow

Either Handi-Foam canister fits directly into a receptacle on the top of the gun. Just screw on the can, hold can and gun in both hands, shake vigorously for one minute and you're ready to go. Can be cleaned with Cat. No. F0M014 Handi-Foam Cleaner. Minimum order is one each.

CAT. NO. F61010

CRL Handi-Foam Plastic Gun

- Lightweight Model for Occasional Use



- Pull the Trigger to Dispense Foam

Either Handi-Foam canister fits directly into a receptacle on the top of the gun. Just screw on the can, hold can and gun in both hands, shake vigorously for one minute and you're ready to go. **NOTE:** Cannot be cleaned with Cat. No. F0M014 Handi-Foam Cleaner. Minimum order is one each.

CAT. NO. F61000

CRL FomoClean Solvent

- Dissolves Freshly Sprayed Foams for Easy Clean-Up



This CRL FomoClean Solvent dissolves freshly sprayed polyurethane foams, making clean-up easy. FomoClean evaporates rapidly, and takes the foam with it when wiped away, without leaving a residue. Use to keep F61010 Metal Dispensing Gun internally clean.

NOTE: FomoClean will not clean up foam that has already cured. Not recommended for use on the Cat. No. F61000 Plastic Gun. Minimum order is one each.

CAT. NO. F0M014

CRL 12:1 Ratio Strap Frame Caulking Gun

- Low to Medium Viscosity Materials
- Smooth Rod With Thumb Release



This CRL 12:1 Ratio Caulking Gun has the smooth operation of a friction rod, plus a large handle and trigger. Perfect for dispensing low to medium viscosity materials, such as silicones and acrylic latex sealants. The strap frame rotates to move the nozzle tip where needed. The spring release plunger lets you load and dispense quickly and easily. The thumb-activated instant pressure release button prevents sealant run-on. Includes a built-in ladder hook. Minimum order is one each.

CAT. NO. GA1203

CRL Extra Thrust 18 to 1 Ratio Caulking Gun

- Ideal for Use in Cold Weather or With High Viscosity Sealants



Both guns feature a spring release plunger to load and dispense quickly and easily, and a pressure release on the plunger to prevent sealant run-on. A special feature of these guns is the Wear Compensating Device that minimizes wear on the applicator by automatically taking up the slack to provide total trigger action from first use to last. Will approximately double the life of the gun. Minimum order is one each.

CAT. NO. WG41004XT

CRL 26:1 Ratio Strap Frame Caulking Gun

- Effortless Dispensing of Medium to High Viscosity Materials



This CRL Heavy-Duty 26:1 Ratio Gun has the smooth operation of a friction rod and the mechanical advantage to dispense high viscosity sealants, such as auto urethanes or construction sealants, even during cold weather. The strap frame rotates to move the nozzle tip where needed. The spring release plunger lets you load and dispense quickly and easily. The thumb-activated instant pressure release button prevents sealant run-on. Includes a built-in ladder hook. Minimum order is one each.

CAT. NO. AB26

CRL Air Power 20 Ounce Sausage Caulking Gun

- Can Dispense Heavy Bodied Sealants



The CRL Air Power Sausage Caulking Gun dispenses even heavy materials, such as automotive urethane, at a smooth, controlled flow rate. Can be used with 10, 15.2 or 20.3 fluid ounce (296, 450 or 600 ml) sausage packs. The high flow trigger valve is responsive, with a built-in regulator to control flow, and an instant release valve with silencer to stop material flow. Gun can operate at 100 psi maximum. Minimum order is one each.

CAT. NO. WG6100620

CRL Piston Rod Air Power Caulking Gun

- Dispenses Standard Cartridges and 10 Ounce Sausage Packs



The Piston Rod Air Power Caulking Gun dispenses even heavy materials, such as automotive urethane, at a smooth, controlled rate of flow. The piston rod thrust prevents material contamination by compressed air, allowing use with standard cartridges, or 10 ounce (296 ml) sausage packs. Gun can operate at 100 psi maximum. Minimum order is one each.

CAT. NO. WG61004

CRL Sausage and Cartridge Caulking Gun

- Converts for Gunning Sausage Packs or Cartridges



The CRL Sausage and Cartridge Caulking Gun is made of lightweight aluminum, and is ideal for waterproofing applications where wide beads of material are required. Cut the plastic cone type nozzle to deliver a bead from 1/8" (3 mm) up to 3/4" (19 mm) in diameter. Minimum order is one each.

CAT. NO. GA1205

CRL Standard Smooth Rod Caulking Gun

- Our Best Seller
- Thumb Pressure Release Button



Our Standard Smooth Rod Caulking Gun is CRL's most popular caulking gun because it is quality constructed, and so easy and economical to use. The spring release plunger lets you load and dispense standard size cartridges quickly and easily, and releases pressure on the plunger to prevent sealant run-on. Perfect for dispensing low viscosity materials. Minimum order is one each.

CAT. NO. ER3

CRL CAULKING TOOLS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 12 Volt DC Variable Speed Cordless Cartridge Caulking Gun for Lightweight Sealants

- Variable Speed Trigger Controls Flow of Sealant
- Use to Dispense Lightweight Sealants Such as Silicones and Acrylic Latex
- Complete With 12 Volt Battery, One Hour Charger, and Molded Plastic Carrying Case

This CRL 12V DC Cordless Cartridge Caulking Gun operates on a 12 volt Rechargeable Battery and comes with a One Hour Charger. The variable speed control is in the trigger for easy adjustments in speed. It is ideal for glazing contractors, building contractors, roofers, cabinet makers, OEM fabricators, window manufacturers, or anyone who applies a lot of silicone or acrylic latex sealants and wants an easier, more professional way of getting the job done, without the restrictions of cords or hoses. Affordable and effective, this gun also comes with a 90 day warranty. For uninterrupted production, you can order additional LD188B 12 Volt Battery Packs.

WARNING: Not for use with high viscosity automotive urethane adhesives and construction polyurethane sealants. Use Only to dispense lightweight sealants such as silicone and acrylic latex.



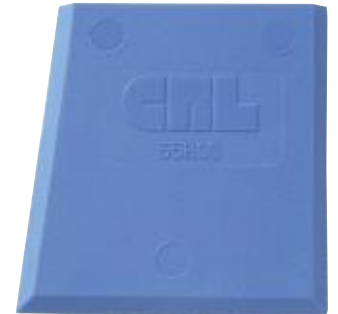
CAT. NO.	DESCRIPTION
LD188	12 Volt Cordless Cartridge/Caulking Gun Kit
LD188B	12 Volt DC Battery Pack
LD188C	One Hour Battery Charger
LD188AU	240 Volt Caulking Gun Kit-Australia
LD188C240VAU	240 Volt Battery Charger-Australia
LD188EU	240 Volt Caulking Gun Kit-Europe
LD188C240VEU	240 Volt Battery Charger-Europe

Minimum order: 1 each.

CRL Sealant Finishing Tool

- Lightweight and Flexible, Simplifies Tooling of Sealants
- Titanium Catalyst Material Won't Stick to Silicone or Other Sealants

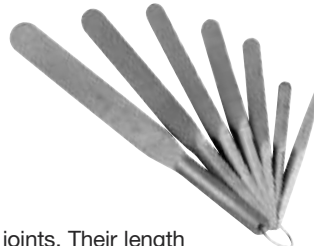
The CRL Sealant Finishing Tool is made of a lightweight and flexible Titanium Catalyst material that will not stick to silicone and other sealants. This makes tooling fresh sealant joints easy, with smoother results and faster clean up. This lightweight and flexible tool is only 3/16" (5 mm) thick, and measures approximately 3-1/4" x 3-1/2" (83 x 89 mm). Minimum order is one each.



CAT. NO. 55BSS

CRL All Stainless Steel Spatulas

- Seven Different Sizes
- All Stainless Steel
- Easy to Clean



CRL All Stainless Steel Spatulas are used to tool sealant joints. Their length extends your reach and comes in handy for hard to reach areas. The flat, flexible, tempered spring stainless steel tooling blade is attached to a comfortable curved handle. They are also easy to clean. The complete set includes seven tools held together with a snap ring, or you can order individual Spatulas.



Order the complete set or buy them individually

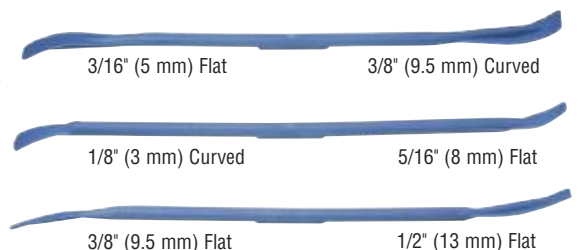
CAT. NO.	OVERALL SIZE
AB958G	Complete Set of Seven Spatulas
AB9583T	6-7/8" x 3/8" Tapered (175 x 9.5 mm)
AB9583	6-3/4" x 5/8" (171 x 16 mm)
AB9584	7-3/4" x 3/4" (197 x 19 mm)
AB9585	8-3/4" x 13/16" (222 x 20 mm)
AB9586	11" x 1" (279 x 25 mm)
AB9588	12-7/8" x 1-1/4" (327 x 32 mm)
AB95810	15" x 1-1/2" (381 x 38 mm)

Minimum order: 1 each. Individual Stainless Steel Spatulas can be combined for quantity pricing.

CRL Sealant Spatula Set

- Tools Six Different Joint Widths
- Easy to Clean After Use

The CRL Sealant Spatula Set is a unique kit of three Spatulas for tooling applied sealants. They are tapered on each end for use in six different joint widths. The lightweight material is strong, will flex under pressure, and is easy to clean up after use. The overall length of each Spatula is 7-1/4" (184 mm), and each set comes in a divided vinyl pouch you can carry in your pocket or toolbox. Minimum order is one set.



CAT. NO. AB556

CRL Stick Tools

- A Very Popular Tool With Virtually Limitless Uses
- Chisel End for Scraping
- Tapered End for Tooling Sealants
- Stick Handle Available

The CRL Stick Tool has for years been one of our most popular items. That's because our customers have found so many uses for them. Caulkers use them for tooling freshly applied sealants; glaziers find them useful for pushing vinyl into window channels; painters use them for stir sticks; and autoglass installers use them for setting or removing glass from rubber gaskets.

Stick Tool is made of a special high strength yet flexible plastic formula that's non-corrosive, non-conducting and won't scratch adjoining glass or metal. The tapered and chisel tips on either end fit into tight crevices for prying. Composition of tool won't absorb liquids, and makes it easy to clean.

The CRL Stick Handle allows the user to simply slip in the Stick Tool for a comfortable grip. Minimum order is one each.



CAT. NO. CRL216
Tapered on Both Ends



CAT. NO. CRL220
One Chisel and One Tapered End



CAT. NO. CRL216HWS
Stick Handle with CRL220 Stick

CAT. NO. CRL216H
Stick Handle Only

CRL Spatulas for Joint Tooling

- Spring Steel Blade in Hardwood Handle



These CRL Spatulas are used to tool sealant joints, and to scrape out the last of the material from pails. Flat, flexible, tempered spring steel blade with a rounded tip is riveted to a comfortable hardwood handle. **NOTE:** Not available in Australia.

CAT. NO.	BLADE SIZE
AB2584	4" x 3/4" (102 x 19 mm)
AB2586	6" x 1" (152 x 25 mm)
AB2588	8" x 1-1/4" (203 x 32 mm)

Minimum order: 1 each.

CRL Screw-On Silicone Nozzles

- Additional Nozzles for Screw-On Type Silicone Cartridges



CRL Screw-On Silicone Nozzles are 4" (102 mm) long, and tapered so you can trim the Nozzle to exactly the bead size you need. **NOTE:** These Nozzles will not fit auto glass urethane cartridges because of the different thread size. For auto glass urethane cartridges use Cat. No. UN0Z. 24 nozzles per pack. Minimum order is one pack.

CAT. NO. S1LN0Z

CRL Yellow Plastic Cone Nozzles

- Applies Bead Sizes From 1/8" to 1-5/16"
- Easy to Clean After Use



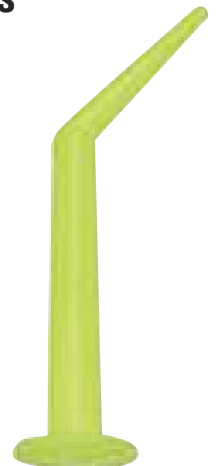
CRL Yellow Plastic Cone Nozzles are extra large for bulk and sausage caulking applications where wide beads of material are required. These are the same Cone Nozzles that come with our Cat. No. WG51001 Sausage Gun. Nozzles can be cut to deliver a bead from 1/8 to 1-5/16" (3 to 33 mm) in diameter. Fits most sausage and bulk guns with screw-on ring caps. Five nozzles per pack. Minimum order is one pack.

CAT. NO. WGCN

CRL Angle Shot Bent Nozzles

- 45 Degree Bent Spout for Use With Standard Cartridges, Sausage or Bulk Guns
- Extra Long 7-1/2" (190 mm) Overall Length

CRL Angle Shot Bent Nozzles fit virtually any caulking cartridge by sliding over the existing nozzle. They hold securely between the cartridge and the end of the caulking gun, and will also adapt for sausage or bulk guns. The 45 degree bend and extra length make reaching into and around corners both easy and fast. Minimum order is one each.

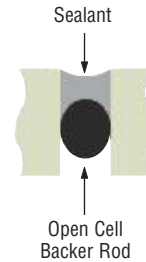


CAT. NO. AB9351

CRL Open Cell Backer Rod

- Has No Skin, So It's Non-Gassing
- Controls Depth of Sealant and Acts as a Bond Breaker

CRL Open Cell Backer Rod is a soft, round, and easily compressible open cell polyurethane foam. It is ideal for use in situations where joint damage has occurred. It eliminates potential sealant failures due to out-gassing that occurs when the "skin" of closed cell backer rod is punctured. CRL Open Cell Backer Rod should be used only in vertical wall joints. **NOTE:** It is not suitable for horizontal traffic joint surfaces.



100 FOOT (30.5 M) ROLLS

CAT. NO.	ROD DIAMETER	ROLL LENGTH
BOCBR58C	5/8" (16 mm)	100' (30.5 m)
BOCBR78C	7/8" (22 mm)	100' (30.5 m)
BOCBR118C	1-1/8" (28 mm)	100' (30.5 m)
BOCBR112C	1-1/2" (38 mm)	100' (30.5 m)
BOCBR2	2" (51 mm)	100' (30.5 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

BULK CASES

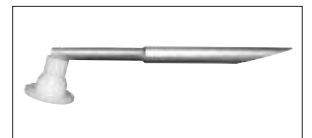
CAT. NO.	ROD DIAMETER	QTY/CASE
BOCBR58	5/8" (16 mm)	1400' (426 m)
BOCBR78	7/8" (22 mm)	900' (274 m)
BOCBR118	1-1/8" (28 mm)	350' (107 m)
BOCBR112	1-1/2" (38 mm)	200' (61 m)

Minimum order: 1 case. Sizes can be combined for quantity pricing.

CRL Closed Cell Backer Rod

- Compatible With All Cold-Applied Sealants
- Available in Nine Widths

CRL Closed Cell Backer Rod is a round, flexible, closed cell polyethylene foam with an exterior "skin" used as a backing and thickness control device for elastomeric and other cold-applied sealants.



CRL Cat. No. SBRR Backer Rod Roller. Helpful for proper installation.

100 FOOT (30.5 M) ROLLS

CAT. NO.	ROD DIAMETER	ROLL LENGTH
EF14C	1/4" (6 mm)	100' (30.5 m)
EF38C	3/8" (10 mm)	100' (30.5 m)
EF12C	1/2" (12 mm)	100' (30.5 m)
EF58C	5/8" (16 mm)	100' (30.5 m)
EF34C	3/4" (19 mm)	100' (30.5 m)
EF1C	1" (25 mm)	100' (30.5 m)
EF114C	1-1/4" (32 mm)	100' (30.5 m)
EF112C*	1-1/2" (38 mm)	100' (30.5 m)
EF2C*	2" (51 mm)	100' (30.5 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing. *This size is shipped in 84" (2.13 m) cut lengths.

BULK CASES

CAT. NO.	ROD DIAMETER	QTY/CASE
EF14B	1/4" (6 mm)	6400' (1951 m)
EF38B	3/8" (10 mm)	3600' (1097 m)
EF12B	1/2" (12 mm)	2500' (762 m)
EF58B	5/8" (16 mm)	1550' (472 m)
EF34B	3/4" (19 mm)	1100' (335 m)
EF1B	1" (25 mm)	550' (168 m)
EF114B	1-1/4" (32 mm)	400' (122 m)
EF112B*	1-1/2" (38 mm)	552' (168 m)
EF2B*	2" (51 mm)	360' (110 m)

Minimum order: 1 case. Sizes can be combined for quantity pricing.

CRL Sof® Rod

- Non-Gassing if Damaged
- No Moisture Absorption

CRL Sof® Rod is a state-of-the-art sealant backing material combining the best properties of both open and closed cell backer rods in a single, trouble-free product. Sof® Rod is a continuous length of extruded polyolefin foam made with a non-absorbent outer skin and a highly resilient interior network of open and closed cells. Sof® Rod will not out-gas if ruptured.



100 FOOT (30.5 M) ROLLS

CAT. NO.	ROD DIAMETER	ROLL LENGTH
SR38C	3/8" (9.5 mm)	100' (30.5 m)
SR58C	5/8" (15.9 mm)	100' (30.5 m)
SR78C	7/8" (22.2 mm)	100' (30.5 m)
SR118C	1-1/8" (28.6 mm)	100' (30.5 m)
SR112C**	1-1/2" (38.1 mm)	100' (30.5 m)
SR2C**	2" (50.8 mm)	100' (30.5 m)

Minimum order: 1 roll. **Minimum order: 1 box of seventeen 6-foot lengths. Sizes can be combined for quantity pricing.

Sof is a registered trademark of Nomaco Inc.

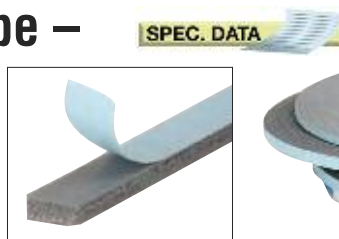
BULK CASES

CAT. NO.	ROD DIAMETER	QTY/CASE
SR38B	3/8" (9.5 mm)	3600' (1097 m)
SR58B	5/8" (15.9 mm)	1550' (472 m)
SR78B	7/8" (22.2 mm)	850' (259 m)
SR118B	1-1/8" (28.6 mm)	500' (152 m)
SR112B*	1-1/2" (38.1 mm)	552' (167 m)
SR2B*	2" (50.8 mm)	360' (110 m)

Minimum order: 1 roll. *Minimum order: 1 case of 6-foot lengths. Sizes can be combined for quantity pricing.

CRL Vinyl Foam Glazing Tape – Adhesive on Two Sides

- **Conforms to Irregular Surfaces**
- **Will Not Crack, Crumble, or Powder**
- **Approved AAMA 810.1-92 Specification**



CRL Vinyl Foam Glazing Tape is a closed-cell vinyl foam sealant in tape form. It has an aggressive acrylic adhesive on two sides, and is specially formulated for applications where you anticipate a high degree of movement. It provides high tack to aluminum, vinyl or glass surfaces. Vinyl Foam Glazing Tape is an excellent exterior and in-plant glazing sealant for wood, vinyl, and metal window systems. It is also used as a roof sealant for metal buildings, and for gaskets between duct sections. It has good resistance to the effects of water, heat, and constant movement. A minimum 25 percent compression is recommended to provide an effective moisture seal. 20 year minimum life expectancy.

TWO-SIDED ADHESIVE FOAM GLAZING TAPE

BLACK CAT. NO.	GRAY CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
982116X14BL	982116X14GRY	1/16" (1.6 mm)	1/4" (6.3 mm)	200' (61 m)	20
982116X38BL	982116X38GRY	1/16" (1.6 mm)	3/8" (9.5 mm)	200' (61 m)	20
982116X12BL	982116X12GRY	1/16" (1.6 mm)	1/2" (12.7 mm)	200' (61 m)	20
982116X34BL	982116X34GRY	1/16" (1.6 mm)	3/4" (19 mm)	200' (61 m)	20
98418X38BL	98418X38GRY	1/8" (3.2 mm)	3/8" (9.5 mm)	100' (30.5 m)	40
98418X12BL	98418X12GRY	1/8" (3.2 mm)	1/2" (12.7 mm)	100' (30.5 m)	40
98418X34BL	98418X34GRY	1/8" (3.2 mm)	3/4" (19 mm)	100' (30.5 m)	20
98418X1BL	98418X1GRY	1/8" (3.2 mm)	1" (25.4 mm)	100' (30.5 m)	20
98814X38BL	98814X38GRY	1/4" (6.3 mm)	3/8" (9.5 mm)	50' (15.2 m)	40
98814X12BL	98814X12GRY	1/4" (6.3 mm)	1/2" (12.7 mm)	50' (15.2 m)	40
98814X34BL	98814X34GRY	1/4" (6.3 mm)	3/4" (19 mm)	50' (15.2 m)	20

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

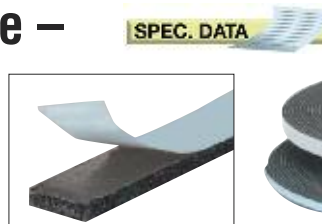
TWO-SIDED ADHESIVE TAPE WITH POLYLINER

BLACK CAT. NO.	WHITE CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
V992116X38BL	982116X38W	1/16" (1.6 mm)	3/8" (9.5 mm)	200' (61 m)	20
--	98418X38W	1/8" (3.2 mm)	3/8" (9.5 mm)	100' (30.5 m)	40

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

CRL Vinyl Foam Glazing Tape – Adhesive on One Side

- **Sticks at a Touch – Seals Instantly**
- **Applies Quickly and Easily**
- **Wide Range of Sizes**
- **Approved AAMA 8101.1-92 Specification**



CRL Vinyl Foam Glazing Tape is a closed-cell vinyl foam sealant in tape form. The adhesive is formulated to position the foam on curved or irregular surfaces with the slightest pressure. It can be used as an exterior glazing sealant, particularly where glass repositioning is important before the final setting. It is specifically designed to be a primary or secondary seal in a variety of glazing systems. It is self-shimming, so you don't need shims or spacers. The adhesive keeps the tape in place against the effects of water, heat, and constant movement of glass. A minimum 25 percent compression will provide a watertight seal. 20 year minimum life expectancy.

ONE-SIDED ADHESIVE FOAM GLAZING TAPE

BLACK CAT. NO.	GRAY CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
74418X14BL	74418X14GRY	1/8" (3.2 mm)	1/4" (6.3 mm)	100' (30.5 m)	40
74418X38BL	74418X38GRY	1/8" (3.2 mm)	3/8" (9.5 mm)	100' (30.5 m)	40
74418X12BL	74418X12GRY	1/8" (3.2 mm)	1/2" (12.7 mm)	100' (30.5 m)	40
74418X34BL	74418X34GRY	1/8" (3.2 mm)	3/4" (19 mm)	100' (30.5 m)	20
74418X1BL	74418X1GRY	1/8" (3.2 mm)	1" (25.4 mm)	100' (30.5 m)	20
74418X112BL	74418X112GRY	1/8" (3.2 mm)	1-1/2" (38.1 mm)	100' (30.5 m)	5
74418X2BL	74418X2GRY	1/8" (3.2 mm)	2" (50.8 mm)	100' (30.5 m)	5
74814X12BL	74814X12GRY	1/4" (6.3 mm)	1/2" (12.7 mm)	50' (15.2 m)	20
74814X34BL	74814X34GRY	1/4" (6.3 mm)	3/4" (19 mm)	50' (15.2 m)	20
74814X1BL	74814X1GRY	1/4" (6.3 mm)	1" (25.4 mm)	50' (15.2 m)	20
74814X112BL	74814X112GRY	1/4" (6.3 mm)	1-1/2" (38.1 mm)	50' (15.2 m)	5
74814X2BL	74814X2GRY	1/4" (6.3 mm)	2" (50.8 mm)	50' (15.2 m)	5

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

CRL SEALANT TAPES

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL Butyl Architectural Tape

- Age and Weather Resistant Butyl Rubber Formula
- Used as an Exterior Primary Spacing and Glazing Seal Designed to Compress 10% Between Two Surfaces
- 100% Solids Content

CRL Butyl Architectural Tape is an extruded, preformed architectural glazing tape furnished on release paper rolls. Based on a butyl rubber formulation with proven age and weather resistant properties, it is designed to create a long lasting, flexible weather seal between two surfaces that will be subjected to normal expansion/contraction and wind loading forces.

BLACK CAT. NO.	GRAY CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
GT104	GT105	1/16" (1.6 mm)	3/8" (9.5 mm)	50' (15.2 m)	24
GT106	GT107	1/16" (1.6 mm)	1/2" (12.7 mm)	50' (15.2 m)	20
GT204	GT205	1/8" (3.2 mm)	3/8" (9.5 mm)	25' (7.6 m)	24
GT206	GT207	1/8" (3.2 mm)	1/2" (12.7 mm)	25' (7.6 m)	20
GT304	GT305	3/16" (4.8 mm)	3/8" (9.5 mm)	25' (7.6 m)	24
GT406	GT407	1/4" (6.3 mm)	1/2" (12.7 mm)	20' (6.1 m)	20

Minimum order is case quantity. Must be ordered in full case increments. Sizes and colors can be combined for quantity pricing.

SPEC. DATA

MSDS



Glazing Insulating Units



Corrugated Metal Buildings

Glazing Single Panes



Sheet Metal Duct Joint

CRL Tremco POLYshim™ II Pre-Shimmed Butyl Architectural Tape

SPEC. DATA

- Continuous Rubber Shim Results in Less "Squeeze-Out", and Helps Tape Keep a Neater Sight Line
- Meets the Requirements of AAMA 800-92 Specifications 804.3, 806.3 and 807.3

CRL Tremco POLYshim™ II Pre-Shimmed Tape is a 100 percent solids, highly adhesive and elastic, cross-linked butyl preformed tape with a continuous integral EPDM shim. Use it in compression glazing systems wherever the design calls for high performance glazing of curtainwall, unitized curtainwalls, punched and ribbon window systems, and sloped glazing applications. The continuous rubber shim works to prevent sealant squeeze-out because it is resilient to pressure exerted by building and glass expansion or contraction.

CAT. NO.	THICKNESS	SHIM DIAMETER	WIDTH	ROLL LENGTH	ROLLS/CASE
7242YA3	.090" (2.3 mm)	1/16" (1.6 mm)	3/8" (9.5 mm)	50' (15.2 m)	20
7241XC3	.150" (3.8 mm)	1/8" (3.2 mm)	3/8" (9.5 mm)	40' (12.2 m)	20
7241YP3	.215" (5.5 mm)	3/16" (4.8 mm)	3/8" (9.5 mm)	25' (7.6 m)	20
7244SB3	.280" (7.1 mm)	1/4" (6.3 mm)	3/8" (9.5 mm)	20' (6.1 m)	20

Minimum order: 20 rolls. Must be ordered in increments of 20 rolls. Sizes can be combined for quantity pricing.



Cross Section of Tape Showing Shim

CRL Fire Glazing Tape

- Specially Formulated High Performance Intumescent Glazing Tape
- Positive Pressure Tested and Listed
- Use With Wire Glass and Firelite™
- White Color

CRL FG3000 Fire Glazing Tapes are specially formulated high performance intumescent glazing tapes with adhesive backing on one side, that allow for much larger vision lites in 20, 45, 60 and 90 minute rated wood and hollow metal doors with metal vision frames. In 20 and 45 minute rated hollow metal screens the use of FG3000 allows for much larger side lites, borrowed lites and glass transoms. Successfully passed 20 minutes (with hose stream) and 45 minutes on wood and metal doors with vision lites installed. **NOTE:** Verify all applications with your door and/or frame manufacturer.

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
FG3000S45	3/64" (1.2 mm)	7/16" (11.1 mm)	16' (4.9 m)	20
FG3000S90	5/64" (2 mm)	7/16" (11.1 mm)	16' (4.9 m)	20

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

new

MSDS



CAT. NO. FG3000S45
45 Minute Fire Glazing Tape

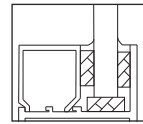


CAT. NO. FG3000S90
90 Minute Fire Glazing Tape

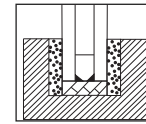
CRL Neoprene Setting Blocks

- The Preferred Method for Centering and Cushioning Glass
- 80 Durometer Hardness
- Special Sizes and Hardnesses Available

new



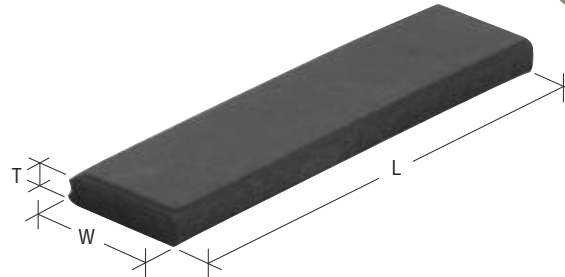
Setting Blocks used to cushion and/or center glass in a typical installation



Setting Blocks used as a cushion for insulating glass units



Convenient Tub Packs of 100



CRL Neoprene Setting Blocks cushion and support glass, and act as a centering device for glass installed in channels. The neoprene composition of the blocks makes them resilient, so that glass cushioned by them can withstand vibration, shock, and heavy wind loads. A variety of sizes are available from stock. Custom sizes and hardnesses are also available on special order. **NOTE:** May discolor clear and light colored silicones.

TECHNICAL INFORMATION:

Polymer: Neoprene

Temperature Range: -30 to +200°F (-34 to +93°C)

Hardness, Shore A: 80±5

Tensile, PSI: 750 (ASTM D412)

Elongation, %: 250

Compression Set, %: 50 at 70° (ASTM D395)

CAT. NO.	THICKNESS (T)	WIDTH (W)	LENGTH (L)
SB569	1/16" (1.6 mm)	1/4" (6.3 mm)	2" (50.8 mm)
SB561	1/16" (1.6 mm)	1/2" (12.7 mm)	2" (50.8 mm)
SB587	1/16" (1.6 mm)	1" (25.4 mm)	2" (50.8 mm)
SB568	1/8" (3.2 mm)	1/4" (6.3 mm)	2" (50.8 mm)
SB560	1/8" (3.2 mm)	3/8" (9.5 mm)	2" (50.8 mm)
SB562	1/8" (3.2 mm)	1/2" (12.7 mm)	2" (50.8 mm)
SB583	1/8" (3.2 mm)	1" (25.4 mm)	2" (50.8 mm)
SB559	3/16" (4.8 mm)	3/8" (9.5 mm)	2" (50.8 mm)
SB582	3/16" (4.8 mm)	7/8" (22.2 mm)	2" (50.8 mm)
SB567	1/4" (6.3 mm)	1/4" (6.3 mm)	2" (50.8 mm)
SB566	1/4" (6.3 mm)	3/8" (9.5 mm)	2" (50.8 mm)
SB563	1/4" (6.3 mm)	1/2" (12.7 mm)	2" (50.8 mm)
SB584	1/4" (6.3 mm)	1" (25.4 mm)	2" (50.8 mm)
SB586	3/8" (9.5 mm)	1/2" (12.7 mm)	1" (25.4 mm)
SB564	3/8" (9.5 mm)	1/2" (12.7 mm)	2" (50.8 mm)
SB585	3/8" (9.5 mm)	1" (25.4 mm)	2" (50.8 mm)
SB565	1/2" (12.7 mm)	1/2" (12.7 mm)	2" (50.8 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CAT. NO.	THICKNESS (T)	WIDTH (W)	LENGTH (L)
SB596	1/16" (1.6 mm)	1/4" (6.3 mm)	4" (101.6 mm)
SB578	1/16" (1.6 mm)	1/2" (12.7 mm)	4" (101.6 mm)
SB570	1/8" (3.2 mm)	1/4" (6.3 mm)	4" (101.6 mm)
SB579	1/8" (3.2 mm)	1/2" (12.7 mm)	4" (101.6 mm)
SB574	1/8" (3.2 mm)	3/4" (19 mm)	4" (101.6 mm)
SB576	1/8" (3.2 mm)	1" (25.4 mm)	4" (101.6 mm)
SB571	3/16" (4.8 mm)	7/16" (11.1 mm)	4" (101.6 mm)
SB589	3/16" (4.8 mm)	7/8" (22.2 mm)	4" (101.6 mm)
SB572	1/4" (6.3 mm)	3/8" (9.5 mm)	4" (101.6 mm)
SB580	1/4" (6.3 mm)	1/2" (12.7 mm)	4" (101.6 mm)
SB573	1/4" (6.3 mm)	5/8" (15.9 mm)	4" (101.6 mm)
SB575	1/4" (6.3 mm)	3/4" (19 mm)	4" (101.6 mm)
SB577	1/4" (6.3 mm)	1" (25.4 mm)	4" (101.6 mm)
SB588	1/4" (6.3 mm)	7/8" (22.2 mm)	4" (101.6 mm)
SB581	1/2" (12.7 mm)	1/2" (12.7 mm)	4" (101.6 mm)
SB590	1/16" (1.6 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB591	1/8" (3.2 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB592	1/4" (6.3 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB593	3/8" (9.5 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB594	1/2" (12.7 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB595	5/8" (15.9 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)

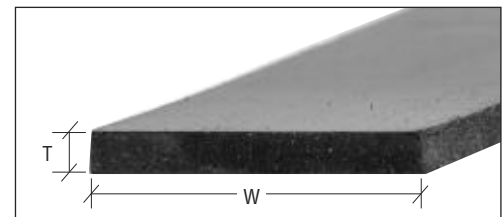
Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Bulk Rolled Setting Block Material

- 80 Durometer Hardness in Rolls That You Cut to Length as Needed to Reduce Waste



CRL Bulk Rolled Setting Block Material cushions and supports glass, and acts as a centering device for glass installed in channels. The 80 durometer neoprene or PVC composition makes it resilient, so that glass cushioned by the materials can withstand vibration, shock, and heavy wind loads. These economical bulk rolls can be cut to any length for each application, and are available in a variety of stock sizes. Custom sizes and hardnesses can be quoted upon request.

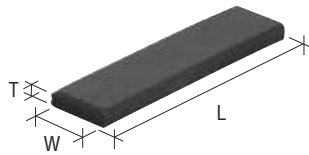


CAT. NO.	MATERIAL	THICKNESS (T)	WIDTH (W)	ROLL LENGTH
SBRL6	PVC	1/16" (1.6 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL6B	PVC	1/16" (1.6 mm)	1" (25.4 mm)	1000' (305 m)
SBRL2	Neoprene	1/8" (3.2 mm)	3/4" (19 mm)	100' (30.5 m)
SBRL4	Neoprene	1/8" (3.2 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL4B	PVC	1/8" (3.2 mm)	1" (25.4 mm)	500' (152.4 m)
SBRL7	PVC	3/16" (4.8 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL7B	PVC	3/16" (4.8 mm)	1" (25.4 mm)	500' (152.4 m)
SBRL1	Neoprene	1/4" (6.3 mm)	5/8" (15.9 mm)	100' (30.5 m)
SBRL3	Neoprene	1/4" (6.3 mm)	3/4" (19 mm)	100' (30.5 m)
SBRL5	Neoprene	1/4" (6.3 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL5B	PVC	1/4" (6.3 mm)	1" (25.4 mm)	350' (106.7 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Specialty Setting Blocks

- Two Styles Available: Silicone Rubber and EPDM Rubber



CRL Silicone Rubber Setting Blocks have superior durability, are UV resistant, and compatible with most silicone sealants. They will not discolor the silicone should the two come in contact with each other. **NOTE:** Job specific testing, prior to start up, is recommended with each silicone sealant manufacturer.

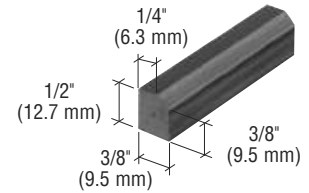
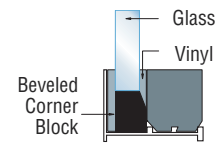


CRL EPDM Rubber Setting Blocks are more durable than Silicone Rubber Setting Blocks, and have better resistance to the effects of weather and ultraviolet rays. CRL EPDM Rubber Setting Blocks are preferred for use in places where there is potential for contact with fuels and/or ozone.

SILICONE CAT. NO.	EPDM CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH
SBSN1	SBEP1	1/16" (1.6 mm)	1-1/8" (28.6 mm)	4" (101.6 mm)
SBSN2	SBEP2	1/8" (3.2 mm)	1-1/8" (28.6 mm)	4" (101.6 mm)
SBSN3	SBEP3	3/16" (4.8 mm)	1-1/8" (28.6 mm)	4" (101.6 mm)
SBSN4	SBEP4	1/4" (6.3 mm)	1-1/8" (28.6 mm)	4" (101.6 mm)
SBSN5	SBEP5	3/8" (9.5 mm)	1-1/8" (28.6 mm)	4" (101.6 mm)
SBSN6	SBEP6	1/2" (12.7 mm)	1-1/8" (28.6 mm)	4" (101.6 mm)
SBSN7	SBEP7	1/2" (12.7 mm)	7/16" (11.1 mm)	4" (101.6 mm)
SBSN8	SBEP8	1-1/8" (28.6 mm)	1-1/8" (28.6 mm)	4" (101.6 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Vinyl Set Beveled Corner Setting Blocks



- Helps Eliminate "Waves" in Vinyl
- Compatible With Silicone, Polyurethane, and Polysulfide

CRL Vinyl Set Beveled Corner Setting Blocks are sure to save you time. You will not need to notch vinyl, and this will also eliminate the waves in the vinyl that you normally get with standard setting blocks. Vinyl Set Beveled Corner Blocks are made of a 90 durometer material compatible with silicone, polyurethane, and polysulfide. Two lengths are available.

CAT. NO.	THICKNESS	WIDTH	LENGTH
TPVS1	1/2" (12.7 mm)	3/8" (9.5 mm)	2" (50.8 mm)
TPVS2	1/2" (12.7 mm)	3/8" (9.5 mm)	4" (101.6 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Clear Plastic Setting Blocks

- 80±5 Durometer Hardness
- Barely Visible Blocks are Great for Use in Mirrors and Frameless Shower Door Installations



CRL Clear Plastic Setting Blocks are especially suited for use where black neoprene rubber setting blocks are undesirable, such as mirror or 'all-glass' frameless shower door installations. They are barely visible in the bottoms of Mirror J-Channel, or on the bottoms of sliding track H-Bar.

- Available in Six Sizes



CAT. NO.	THICKNESS	WIDTH	LENGTH
PSB040	.040" (1 mm)	1/4" (6.3 mm)	2" (50.8 mm)
PSB080	.080" (2 mm)	1/4" (6.3 mm)	2" (50.8 mm)
PSB125	1/8" (3.2 mm)	1/4" (6.3 mm)	2" (50.8 mm)
PSB156	5/32" (4 mm)	1/4" (6.3 mm)	2" (50.8 mm)
PSB250	1/4" (6.3 mm)	1/4" (6.3 mm)	2" (50.8 mm)
PSB375	3/8" (9.5 mm)	1/4" (6.3 mm)	2" (50.8 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Self Aligning Adjustable Setting Blocks

- Adjustable Thicknesses From 3/8" to 11/16"

CRL Self Aligning Adjustable Setting Blocks have fine teeth to allow for thickness adjustments from 3/8" to 11/16" (9.5 to 17.5 mm). These high impact plastic blocks will not chip glass edges, and will not deteriorate under extreme temperature variances. Mating them is also easy because every one is the same, and any two fit together.



CAT. NO.	WIDTH	LENGTH	QTY/PKG
ASB38	3/8" (9.5 mm)	2-3/8" (60.3 mm)	100 Pairs

Minimum order: 100 pairs. Must be ordered in increments of 100.

CRL Adjustable Setting Blocks

- Adjustable Thicknesses From 3/8" to 11/16"

Available in 3/8" and 1/2" (9.5 and 12.7 mm) widths, the thickness can vary between 3/8" and 11/16" (9.5 and 17.5 mm). Packed 100 pairs per container, they're made of a high impact plastic that won't chip glass, and resists the deteriorating effects of weather and age.



CAT. NO.	WIDTH	LENGTH	QTY/PKG
44338	3/8" (9.5 mm)	2-3/8" (60.3 mm)	100 Pairs
44412	1/2" (12.7 mm)	2-3/8" (60.3 mm)	100 Pairs

Minimum order: 100 pairs. Must be ordered in increments of 100.

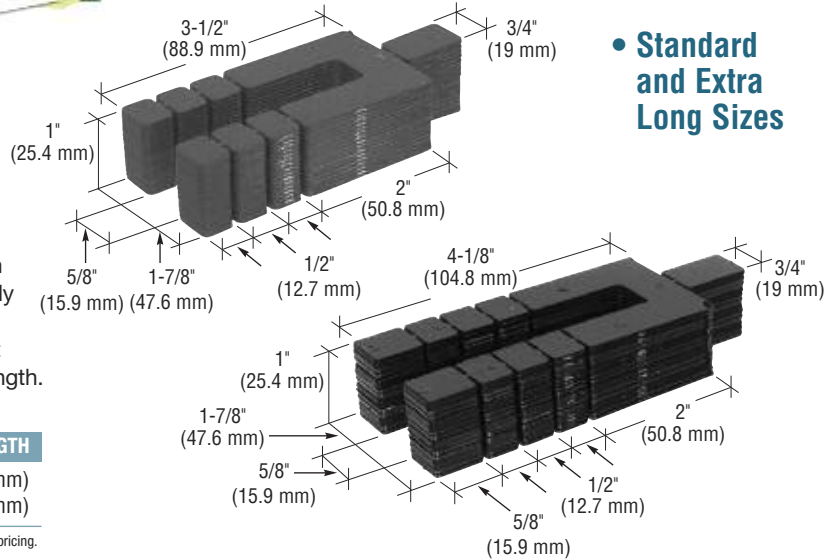
CRL Shimstack Shims

- Our Best Selling Shim
- Adjustable Size Options Let You Choose the Desired Thickness From 1/16" to 1"

Shimstack Shims give you fast, low cost leveling. Sixteen heat-sealed pieces make up one 1" (25.4 mm) stack. Simply snap off individual shims to get the thickness you need. Made of fire resistant, non-staining, black color high-impact plastic with an ASTM rating of 5000 p.s.i. compressive strength.

CAT. NO.	THICKNESS	LENGTH
KRS16	1/16" (1.6 mm)	3-1/2" (88.9 mm)
KRS26	1/16" (1.6 mm)	4-1/8" (104.8 mm)

Minimum order: 1000 each. Must be ordered in increments of 1000. Sizes can be combined for quantity pricing.



- Standard and Extra Long Sizes

CRL Plastic Horseshoe Shims

- 1/16", 1/8", and 1/4" Thicknesses
- Simplifies All Leveling Requirements

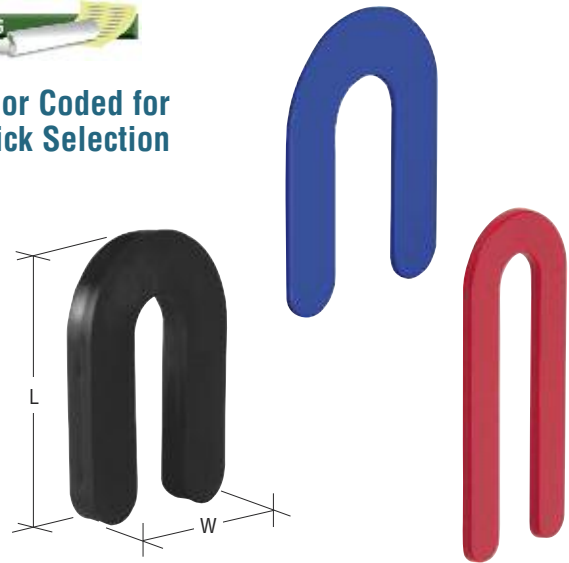
CRL Plastic Horseshoe Shims are made to simplify leveling problems wherever they occur, and have been approved by architects for use in the installation of windows, doors, curtainwalls, storefronts, and insulating glass units. They come in three sizes and three thicknesses, color coded for quick selection.

CAT. NO.	COLOR	THICKNESS	"W" WIDTH	"L" LENGTH
PHS4	Black	1/4" (6.3 mm)	1-1/2" (38.1 mm)	2" (50.8 mm)
PHS8	Red	1/8" (3.2 mm)	1-1/2" (38.1 mm)	2" (50.8 mm)
PHS6	Blue	1/16" (1.6 mm)	1-1/2" (38.1 mm)	2" (50.8 mm)
PHS24	Black	1/4" (6.3 mm)	2-5/16" (58.7 mm)	3" (76.2 mm)
PHS28	Red	1/8" (3.2 mm)	2-5/16" (58.7 mm)	3" (76.2 mm)
PHS26	Blue	1/16" (1.6 mm)	2-5/16" (58.7 mm)	3" (76.2 mm)
PHS14	Black	1/4" (6.3 mm)	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)
PHS18	Red	1/8" (3.2 mm)	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)
PHS16	Blue	1/16" (1.6 mm)	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)

Minimum order: 1000 each. Must be ordered in increments of 1000. Sizes can be combined for quantity pricing.



- Color Coded for Quick Selection



CRL Jumbo Plastic Horseshoe Shims

- New Larger 3" x 4" Size Available in Three Thicknesses
- High Impact Styrene

CRL Jumbo Size Plastic Horseshoe Shims are preferred for use in curtain wall construction and other installations requiring the leveling of larger members. These high impact styrene Shims are molded to a jumbo 3" x 4" (76.2 x 101.6 mm) size in standard thicknesses of 1/4", 1/8" and 1/16" (6.3, 3.2, and 1.6 mm). Precisely sized and balanced for vertical and horizontal installation.

CAT. NO.	COLOR	THICKNESS	"W" WIDTH	"L" LENGTH
PHS34	Black	1/4" (6.3 mm)	3" (76.2 mm)	4" (101.6 mm)
PHS38	Red	1/8" (3.2 mm)	3" (76.2 mm)	4" (101.6 mm)
PHS36	Blue	1/16" (1.6 mm)	3" (76.2 mm)	4" (101.6 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.



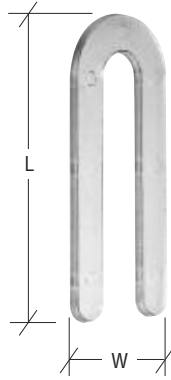
CRL Clear Plastic Horseshoe Shims



- Clear Color Helps Hide Shim
- 1/16", 1/8", and 1/4" Thicknesses

CAT. NO.	THICKNESS	"L" LENGTH	"W" WIDTH
CHS14	1/4" (6.3 mm)	3-1/2" (88.9 mm)	1-1/2" (38.1 mm)
CHS18	1/8" (3.2 mm)	3-1/2" (88.9 mm)	1-1/2" (38.1 mm)
CHS16	1/16" (1.6 mm)	3-1/2" (88.9 mm)	1-1/2" (38.1 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.



CRL Clear Plastic Horseshoe Shims are made to simplify leveling problems wherever they occur, and have been approved by architects for use in the installation of windows, doors, curtainwalls, storefronts and insulating glass units. CRL Horseshoe Shims are made of a clear high impact styrene plastic, properly designed and balanced for vertical or horizontal use. Available in three thicknesses: 1/16", 1/8", and 1/4" (1.6, 3.2, and 6.3 mm). All sizes have a 9/16" (14.3 mm) space between the legs.

CRL Plastic Bearing Shimstrips

- High Compressive Strength
- Snap Off to Required Length for Every Job



CRL Plastic Bearing Shimstrips are intended for use in placing and leveling of precast panels and tilt slabs. Just snap off the length you need for each job, and stack to the required thickness.

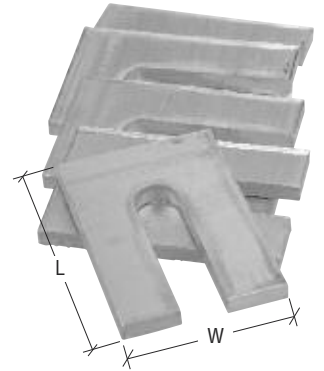
CAT. NO.	THICKNESS	"L" LENGTH	WIDTH
PBS04	1/4" (6.3 mm)	4" (101.6 mm)	2" (50.8 mm)
PBS08	1/8" (3.2 mm)	4" (101.6 mm)	2" (50.8 mm)
PBS06	1/16" (1.6 mm)	4" (101.6 mm)	2" (50.8 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Aluminum Horseshoe Shims

- Available in Three Popular Thicknesses

CRL Aluminum Horseshoe Shims solve the problem on construction projects where the use of Plastic Horseshoe Shims is restricted. They are fireproof to regulations and building codes. Aluminum Horseshoe Shims are frequently used with our Aluminum Base Shoe in railing installations.

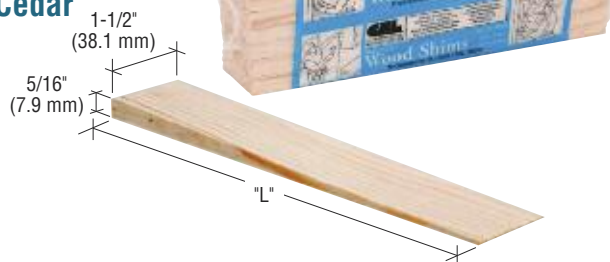


CAT. NO.	THICKNESS	"L" LENGTH	"W" WIDTH
AHS64	1/4" (6.3 mm)	3" (76.2 mm)	2" (50.8 mm)
AHS68	1/8" (3.2 mm)	3" (76.2 mm)	2" (50.8 mm)
AHS66	1/16" (1.6 mm)	3" (76.2 mm)	2" (50.8 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Wood Shims

- White Wood or Cedar



CRL Wood Shims can be used in so many ways: for leveling door and window frames, cabinets and large appliances; for stirring paints and stains; for spreading mastics and adhesives. They are handy to use, with no more mess of breaking or cutting shingles.

New BEDDAR WOOD® Shims snap off cleaner than pine or cedar. Wood Shims measure 8" (203 mm) or 12" (305 mm) long x 1-1/2" (38 mm) wide. Taper is from 5/16" to 1/16" (7.9 to 1.6 mm).

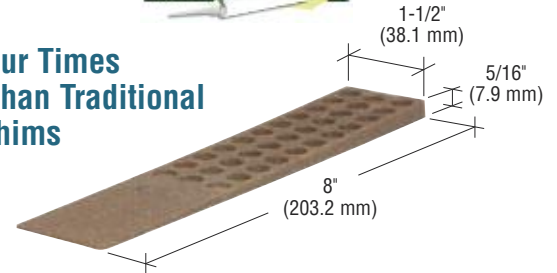
CAT. NO.	TYPE	"L" LENGTH	SHIMS/CTN
NWS9	White Wood	8" (203 mm)	420 Shims
NWS9C	Cedar	8" (203 mm)	432 Shims
NWS12	BEDDAR WOOD®	12" (305 mm)	504 Shims

Minimum order: 1 carton. Can be combined with all other Wood Shims for quantity pricing.

BEDDAR WOOD is a registered trademark of Airmark, Inc.

CRL Wood Composite Shims

- 35% Better Load Support
- Snap Four Times Easier Than Traditional Wood Shims



This CRL Wood Composite Shim is engineered to high performance standards with reduced material at natural break-points, resulting in less waste while providing great strength. These versatile Composite Shims can be used in so many ways: for leveling door and window frames, cabinets and large appliances; for stirring paints and stains; for spreading mastics and adhesives. Environmentally friendly, they use no wood from the rain forests or from endangered tree species. Composite Shims measure 8" (203.2 mm) long x 1-1/2" (38.1 mm) wide. Taper is from 5/16" to 1/16" (7.9 to 1.6 mm).

CAT. NO.	TYPE	SHIMS/CTN
NWCS8	Wood Composite	32
BWCS8	Bulk Wood Composite	288

Minimum order: 1 carton 504 Shims. Can be combined with all other Wood Shims for quantity pricing.

CRL GLAZING COMPOUNDS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL All Purpose Putty

- Glazes Wood, Metal, and Aluminum Sash
- Ideal for Over-The-Counter Sales
- Available in Two Colors

Apply CRL All Purpose Putty in most any glazing application to wood, steel, and aluminum sash. Its special formulation adheres firmly to sash and glass, and outlasts ordinary putties.

Surfaces should be clean, dry, and free of frost. When re-glazing, remove all old putty and bedding. If necessary, place glazing in hands and roll into coils to warm and soften. Smooth glazing to an angle that sheets water. Typical dry time before painting is four to six weeks, depending on temperature and humidity. Putty must be painted after it has skinned over and attained a firm set. For best results, use a high quality oil-based paint. Both gray and off-white colors come in factory sealed plastic containers that preserve freshness and shelf life. CRL All Purpose Putty is attractively labeled for over-the-counter retail sales in your choice of five sizes.

Technical Data: Meets the requirements of Federal Specification TT-G-410E; ASTM C 669-75, C669, D2249, D2376, C797.

Important Note: Do not thin putty. Check spec data for additional limitations.



SPEC. DATA

MSDS



Off-White



Gray

Colors shown are approximate

OFF-WHITE CAT. NO.	GRAY CAT. NO.	SIZE	QTY/CASE
533HPW	533HPGRY	Half Pint (237 ml)	24
533QTW	533QTGRY	Quart (946 ml)	6
533GLW	533GLGRY	Gallon (3.785 l)	2
5333GLW	5333GLGRY	3 Gallon (11.35 l)	1
5335GLW	5335GLGRY	5 Gallon (19 l)	1

Minimum order: 1 each. Can be combined with similarly sized putties for quantity pricing.

CRL Wood Sash Putty

- High Quality Formulation for Face Glazing of Wood Sash
- Goes on Smooth and Evenly

CRL Wood Sash Putty is formulated for application to wood. It goes on smooth and evenly, and its off-white color blends with most unfinished wood surfaces.

Surfaces should be clean, dry, and free of frost. For best results, prime wood first with an oil-based primer. When re-glazing, remove all old putty and bedding. If necessary, place glazing in hands and roll into coils to warm and soften. Smooth glazing to an angle that sheets water. Typical dry time before painting is four to six weeks, depending on temperature and humidity. Putty must be painted after it has skinned over and attained a firm set. For best results, use a high quality oil-based paint. Off-white color comes in factory sealed plastic containers that preserve freshness and shelf life. CRL Wood Sash Putty is attractively labeled for over-the-counter retail sales in your choice of five sizes.

Technical Data: Meets the requirements of Federal Specification TT-G-410E; ASTM C 669-75, C669, D2249, D2376, C797.

Important Note: Do not thin putty. Check spec data for additional limitations.



SPEC. DATA

MSDS



Off-White

Color shown is approximate

CAT. NO.	COLOR	SIZE	QTY/CASE
500HP	Off-White	Half Pint (237 ml)	24
500QT	Off-White	Quart (946 ml)	6
500GL	Off-White	Gallon (3.785 l)	2
5003GL	Off-White	3 Gallon (11.35 l)	1
5005GL	Off-White	5 Gallon (19 l)	1

Minimum order: 1 each. Can be combined with similarly sized putties for quantity pricing.

CRL Metal Sash Putty

- Use for Steel, Aluminum, or Galvanized Window Sash
- Applies Smoothly Without Priming

Made expressly for glazing in steel, aluminum or galvanized window sash. CRL Metal Sash Putty is made to apply smoothly, without priming. The gray color blends with the metal finish.

Surfaces should be clean, dry, and free of frost. When re-glazing, remove all old putty and bedding. If necessary, place glazing in hands and roll into coils to warm and soften. Smooth glazing to an angle that sheets water. Typical dry time before painting is four to six weeks, depending on temperature and humidity. Putty must be painted after it has skinned over and attained a firm set. For best results, use a high quality oil-based paint.

Technical Data: Meets the requirements of Federal Specification TT-G-410E; ASTM C 669-75, C669, D2249, D2376, C797.

Important Note: Do not thin putty. Check spec data for additional limitations.



SPEC. DATA

MSDS



Gray

Color shown is approximate

CAT. NO.	COLOR	SIZE	QTY/CASE
528HP	Gray	Half Pint (237 ml)	24
528QT	Gray	Quart (946 ml)	6
528GL	Gray	Gallon (3.785 l)	2
5283GL	Gray	3 Gallon (11.35 l)	1
5285GL	Gray	5 Gallon (19 l)	1

Minimum order: 1 each. Can be combined with similarly sized putties for quantity pricing.



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CRL GLAZING COMPOUNDS

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CRL Dap® '33' Glazing Compound

- Smooth Creamy Consistency
- Ready to Use for Wood or Metal Sash
- Must Be Painted



White

Color shown is approximate

CRL Dap® '33' Glazing Compound is smooth and flexible, and comes ready to use for face glazing wood and metal window frames. Its adhesion to both glass and sash is excellent, and forms a dependable air-and watertight seal that resists sagging, shrinking, chalking, and cracking.

Wood sash that is not primed or painted must be primed first with an oil-based primer and allowed to dry. Do not thin glazing compound. If necessary, place glazing in hands and roll into coils to warm and soften. Typical dry time before painting is one to two weeks, depending on temperature and humidity. Putty must be painted after it has skinned over and attained a firm set. For best results, use a high quality oil-based paint, or if using a latex paint, prime first with a high quality oil-based primer.



CAT. NO.	WHITE	SIZE	QTY/CASE
33HPW	White	1/2 Pint (237 ml)	12
33PTW	White	1 Pint (473 ml)	12
33QTW	White	1 Quart (946 ml)	6
33GLW	White	1 Gallon (3.785 l)	2
DAP12124	White	3.5 Gallon (13 l)	1

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Dap® '1012' Glazing Metal Sash Putty

- Formulated for Exterior or Interior Metal Sash
- Gray Color to Match Metal Finishes
- Does Not Have to Be Painted



Gray

Color shown is approximate

CRL Dap® '1012' Metal Sash Putty is formulated for face glazing interior or exterior aluminum, primed steel, stainless steel, and galvanized steel sash. It applies and sets quickly and smoothly without priming, and is colored to match metal finishes. Glazing may be painted with oil or latex-based paint after it has skinned over and attained a firm set. Typical dry time before painting is two to three weeks, depending on temperature and humidity. Meets Federal Specification TT-G-410E, ASTM C-669, and CID A-A-373A.



CAT. NO.	COLOR	SIZE	QTY/CASE
1012GL	Gray	1 Gallon (3.785 l)	2
DAP12056	Gray	3.5 Gallon (13 l)	1

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Dap® Latex Window Glazing Compound

- Easy Application From Caulking Tube
- Paintable in as Little as Only Three Days

CRL Dap® Latex Glazing is an easy-working compound for back bedding and face glazing window sash. It adheres well to wood, aluminum, steel, and galvanized sash for a weathertight seal. Its smooth, consistent texture can be applied directly from the cartridge, requires no kneading and resists shrinking and cracking. 10.1 fluid ounce (300 ml) tube size features a unique, rectangular shaped nozzle for uniform bead. Excess glazing can be removed with soap and water before it sets. Dries to touch in two hours. Typical dry time before required painting is three to seven days, depending on temperature and relative humidity. The white color compound can be painted with latex paint after three days. Oil-based paint may be applied after one week. Specification: Meets ASTM Spec C-669-95.



White

Color shown is approximate



CAT. NO.	COLOR	SIZE	QTY/CASE
DAP13TU	White	10.1 Fl. Oz. (300 ml)	12

Minimum order: 1 each. All Cartridge Sealants can be combined for quantity pricing.

DAP is a registered trademark of RPM International Inc.

CRL PUTTY REMOVAL TOOLS

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CRL Fein® SuperCut Sealant Cutter Knife Kit



- Removes Old, Hardened Putty Quickly and Easily
- Variable Speed Blade Oscillates 11,000 to 18,500 Times Per Minute
- Lightweight and Easy to Maneuver
- Powerful 120V AC 3.3 AMP Motor

CAT. NO. FK20618
Fein® SuperCut Sealant Cutter Knife Kit



The CRL Fein® Cutter uses its oscillating blade to cut cured sealant and caulking quickly with a minimum amount of effort. This reliable electric tool is double-insulated for operator safety. The oscillation on this tool is simply a short back and forth stroke of the cutting blade, one degree to each side, at a frequency of up to 18,500 times per minute. Another important advantage is that the optional diamond-tipped blades can be used to cut through marble and mortar joints, while keeping dust formation to a minimum. The CRL Fein® Sealant Cutter features an electronic speed control to keep cutting speed constant, even under load, so you can select the best cutting speed for every application. The gears are designed for continuous operation, and run in an oil bath. Thanks to a twelve-sided mount, cutting blades can be adjusted to any position. This kit includes a CRL Fein® Cutter Tool, a set of blades for removing flexible sealants: five Cat. No. FKB17015 and one Cat. No. FKB16011, and a Blade Removal Tool, all packed in a metal Carrying Case. Minimum order is one each.

Optional Blades for Fein® SuperCut Knife



Offset "T" Blade

Segment saw blade (offset), for removing insulating glass installed on a putty bed. Minimum order is one each.



CAT. NO. 2000166

Diamond Blade

Diamond coated blade for cutting out marble and mortar joints, and making cuts in plaster walls. 3-1/8" (70 mm) diameter. Minimum order is one each.



CAT. NO. FKB10401

Mushroom Blade

Mushroom shaped blade for separating panes of insulating glass. Also for cutting silicone, soft putty, and elastic joint sealants. Minimum order is one each.



CAT. NO. FKB128

Caulking Blade

Flat blade for removing material while working on flush surfaces. Five each included in FK20618 Kit. Minimum order is one each.



CAT. NO. FKB17015

Sealant Blade

Straight, elongated blade for removing flexible sealing compounds in extremely deep joints. One each included in FK20618 Kit. Minimum order is one each.



CAT. NO. FKB16011

CRL Makita® Power Scraper Hackout Gun

- Excellent for Hackouts of Hardened Putty and Sealants
- Powerful Variable Speed 5 AMP Motor Produces 0 to 3,200 Air-Cushioned Blows Per Minute
- Complete With Three Chisel Tips

The Makita® Power Scraper Hackout Gun has a powerful 5 AMP motor that will tackle even the toughest putty or sealant removal job. Also ideal for cleaning out old mortar, removing tile, concrete scale, and weld splatter. Double insulated motor delivers from 0 to 3,200 blows per minute for light scraping, chiseling, and chipping. Excellent for hackouts of hardened putty and sealants.

Fein is a registered trademark of C. & E. Fein GmbH LLC.
Makita is a registered trademark of Makita Corporation.



CAT. NO.

HK1810
7982645
7982653
7982661

DESCRIPTION

Makita® Power Scraper Hackout Gun
Replacement 2" (51 mm) Scaling Chisel*
Replacement 1-3/16" (30 mm) Scaling Chisel*
Replacement Bull Point Chisel*

Minimum order: 1 each. *Included in kit.



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CRL PUTTY REMOVAL TOOLS

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CRL Multi-Function Tool

- Multiple Use Tool With Variable Speed Oscillating Head
- Perfect for Hack-Outs, Glass Sanding, Edging, Sealant Cut-Outs and More
- Double Insulated and UL Approved

new

The CRL MFT1 Multi Function Tool is perfect for sealant removal and hack-out projects. Cuts insulating glass units apart with ease and even removes hardened glazing putty. The variable speed head oscillates at 11,000 to 22,000 oscillations per minute. Blades can be locked down at any angle to help with access to tight locations and to promote comfort during use. Switch to the hook-loop sanding backer pad and the MFT1 becomes a very effective glass edge seaming tool. The Kit comes complete with the double insulated Multi Function Tool, plastic storage case, five assorted blades, triangle backer pad, and a blade wrench.

CAT. NO.	DESCRIPTION
MFT1	110V Multi Function Tool
MFT1AU	240V Multi Function Tool w/AU Plug
MFT1EU	220V Multi Function Tool w/EU Plug
MFTFSB	Flexible Scraper Blade
MFTHCB	1" (25 mm) Hi-Carbon Steel Saw Blade
MFTHSB	3-1/8" (79 mm) Segmented Saw Blade
MFTRCB	Carbide Coated Recess Saw Blade
MFTSDB	Straight Saw Blade
MFTTSD	Triangle Backer Pad
MFT180X	80X Glass Grinding Triangles 50/BX
MFT1120X	120X Glass Grinding Triangles 50/BX
MFT1220X	220 Glass Grinding Triangles 50/BX

Minimum order: 1 each for tool and accessories; 50 each for sanding triangles.



MFTFSB
Flexible Scraper
Blade



MFTHCB
1" (25 mm)
Hi-Carbon Steel
Saw Blade



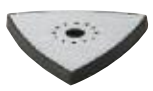
MFTHSB
3-1/8" (79 mm)
Segmented Saw
Blade



MFTRCB
Carbide Coated
Recess Saw Blade



MFTSDB
Straight Saw
Blade



MFTTSD
Triangle Backer
Pad

CRL Hot Air Gun Kit

- Dual Heat and Fan Settings
- Excellent for Use in Paint and Putty Removal, Plus Softening Caulking and Putty



This CRL Hot Air Gun Kit has dual heat and fan settings: 1000W and 375°C/700°F; 1500W and 495°C/925°F. This Hot Air Gun is excellent for use in putty removal, paint removal, plastic pipe welding, and other jobs that require this type of tool. Includes Five-Piece Paint Scraper Kit, Shovelock Scraper Handle with three Blades, plus Flat Paint Scraper.

CAT. NO.	DESCRIPTION
LD121	110V Hot Air Gun Kit
LD121AU	240V Hot Air Gun Kit w/AU Plug
LD121EU	220V Hot Air Gun Kit w/EU Plug

Minimum order: 1 each.

CRL Putty Remover



- Removes Hardened Putty Without Damaging the Glass or Sash
- Fits Any 1/4" to 3/8" Electric Drill

The CRL Putty Remover is the newest and easiest way to remove hardened putty. No need to remove the glass from the frame because the Putty Remover's carbide blade is designed to clear the glazing points as it literally chews up the old putty. No more hand chipping, just insert the Putty Remover into your 1/4" or 3/8" (6 or 9.5 mm) electric drill. A notched, T-shaped sleeve guides it along the surface of the window sash. An adjustable collar controls the depth of the cut. The flexible plastic handle lets you pull the drill along steadily as the putty is being removed. Minimum order is one each.

CAT. NO. PR9000

CRL E.Z.D. Glazer De-Glazing Tool



- Aids in the De-Glazing of Glass Installed With Silicone, Foam Tapes, Butyl Tapes, and Other Flexible Materials
- Extremely Simple to Use

The EZ1010 goes to work when you lay the cutting blade flat on the glass surface and slide it into the glazing pocket. The glazing material is separated from the glass as you roll the tool along the entire length of the pocket. A built-in hand guard lets you work right next to the glass for good leverage and a deep cut when needed.

NOTE: Not recommended for use with glazing putty or other materials that harden over time.

For newer style (screw-on blade) models use Cat. No. EZ1022 for the correct replacement blade. For older style (welded-on) blades use Cat. No. EZ1011 replacement blade.

CAT. NO.	DESCRIPTION
EZ1010	E.Z.D. Glazer De-Glazing Tool
EZ1011	Replacement Blade (Old Style – Welded)
EZ1022	Replacement Blade (New Style – Threaded)
EZ10G	Replacement Hand Guard

Minimum order: 1 each.

CRL Window De-Glazing Tool



- Provides Extra Leverage to Remove Window Units Safely and Easily
- Extremely Durable All-Aluminum Construction

The CRL WT2000 Window De-Glazing Tool is designed for the safe and easy removal of windows from their frames. This tool offers you advantages over manual methods because the large handle allows a positive two-hand grip for extra leverage, and the heat-treated blade cuts through the toughest of sealants. The WT2000 has a three-position handle for easy access to windows at almost any angle or height.

The replaceable blades are sharpened to a razor's edge, and heat-treated for strength and longevity. The WT2000 comes complete with a Handle and one each Left Hand and Right Hand Blades.

CAT. NO.	DESCRIPTION
WT2000	Window De-Glazing Tool
WT2001	Right Hand Replacement Blade
WT2002	Left Hand Replacement Blade
WT2003	Handle Only for WT2000

Minimum order: 1 each.

CRL Aluminum and Steel Window Frame Extractor



- Removes Aluminum and Steel Window Frames in Minutes, Not Hours
- Reduces Clean Up Time

The CRL Window Frame Extractor pulls aluminum and steel frames from existing stucco, wood or siding structures. It can remove patio door frames as easily as window frames for installation of flush fin, block frame, and other retrofit window applications. Clean up time is reduced, with little or no stucco patching required. Comes with nylon carry bag. Minimum order is one each.

CAT. NO. WFE

CRL Stop Mold Puller



- Simple and Easy



- Reduces Your Chance of Breaking Glass While Pulling Stop Molds

The CRL Stop Mold Puller is used to remove stop molds or snap-on sash. It works on both door and tube stops, and makes removing window units easy. The rubber-lined pad will not damage metal extrusions. A reliable and inexpensive tool every glazier should own. Minimum order is one each.

CAT. NO. SMP200

Types of Putty Knives

- Bent Stiff



- Stiff



- Flexible



CRL Russell® 1-1/8" Bent Knife



- Our Best Seller

This knife's stiff, steel blade is riveted into the rosewood handle and held by a heavy-duty support. Preferred smooth 35 degree radius bend in the blade. The blade width is 1-1/8" (29 mm), and the overall length is 6-1/2" (165 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 2BE118

CRL Lamson 3/4" Bent Knife



- Smooth 35 Degree Radius Bend in a Stiff Steel Blade

This knife's stiff steel blade is riveted into the wood handle and held by a heavy-duty support, with a preferred smooth 35 degree radius bend in the blade. The blade width is 3/4" (19 mm), and the overall length is 7-5/16" (186 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 900B34

CRL Red Devil® 1-1/4" Bent Knife



- Solvent-Resistant Black Nylon Handle
- High Carbon Steel Blade

The high carbon, precision-ground steel blade on the CRL Red Devil 1-1/4" (32 mm) Stiff Bent Putty Knife extends through the black nylon solvent-resistant handle, with a 30 degree angle bend in the blade. The brass-plated, solid steel nail setting head can be used for setting drywall nails and other hammering jobs. The overall length is 7-1/2" (191 mm). Minimum order is one each.

CAT. NO. 4243

CRL Russell® 1-5/8" Bent Knife



- Best Size for Steel Sash Work

This knife's stiff steel blade is riveted into the rosewood handle and held by a heavy-duty support, with a preferred smooth 35 degree radius bend in the blade. The blade width is 1-5/8" (41 mm), and the overall length is 7-9/16" (192 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 416B

Russell is a registered trademark of Dexter-Russell, Inc.
Red Devil is a registered trademark of Red Devil, Inc.

CRL Lamson 2" Bent Knife



- Smooth 35 Degree Radius Bend in Blade

The CRL Lamson Bent Stiff Putty Knife has a 2" (51 mm) wide blade with a smooth, 35 degree radius bend. The blade is riveted to the wood handle resulting in an overall length of 7-7/16" (189 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 900E2

CRL Red Devil® 1-1/4" Stiff Knives



- Plastic Handle Knives are Great for Retail Sales
- 12 Per Box



The CRL Stiff Putty Knives in a Countertop Box are good quality putty knives with steel blades set into a plastic handle, ideal for use in the shop or over the counter sales. The blade width is 1-1/4" (32 mm) and the overall length is 7-3/8" (187 mm).

Packed 12 per box. Minimum order is one box.

CAT. NO. 4701

CRL Red Devil® 1-1/4" Stiff Knife



- Solvent-Resistant Black Nylon Handle
- High-Carbon Steel Blade

CRL Red Devil® Stiff Blade Knives feature a high-carbon, precision-ground steel blade that extends through the black nylon solvent-resistant handle. The brass-plated, solid steel nail setting head can be used for setting drywall nails and other hammering jobs. Blade width is 1-1/4" (32 mm). Overall length is 7-5/8" (194 mm). Minimum order is one each.

CAT. NO. 4201

CRL Hyde® 1-1/2" Stiff Knife



- Soft Grip Ergonomic Handle
- Wide Hammer Head® End

This CRL Hyde® Stiff Blade Knife features a high-carbon steel blade set in a comfortable, professional grip with safety thumb bolster and a wide Hammer Head® end for setting nails. Blade width is 1-1/2" (38 mm). Overall length is 8-3/8" (213 mm).

Minimum order is one each.

CAT. NO. 06150

CRL Red Devil® 1-1/2" Stiff Knife



- Solvent-Resistant Black Nylon Handle
- High-Carbon Steel Blade

CRL Red Devil® Stiff Blade Knives feature a high-carbon, precision-ground steel blade that extends through the black nylon solvent-resistant handle. The brass-plated, solid steel nail setting head can be used for setting drywall nails and other hammering jobs. Blade width is 1-1/2" (38 mm). Overall length is 7-3/4" (197 mm). Minimum order is one each.

CAT. NO. 4203

CRL Red Devil® 2" Stiff Knife



- Solvent-Resistant Black Nylon Handle
- High-Carbon Steel Blade

CRL Red Devil® Stiff Blade Knives feature a high-carbon, precision-ground steel blade that extends through the black nylon solvent-resistant handle. The brass plated, solid steel nail setting head can be used for setting drywall nails and other hammering jobs. Blade width is 2" (51 mm). Overall length is 7-3/4" (197 mm). Minimum order is one each.

Red Devil is a registered trademark of Red Devil, Inc.
Hyde is a registered trademark of Hyde Tools, Inc.

CAT. NO. 4205

CRL Hyde® 2" Stiff Knife



- Soft-Grip Ergonomic Handle
- Wide Hammer Head® End

This CRL Hyde® Stiff Blade Knife features a high-carbon steel blade set in a comfortable, professional grip with safety thumb bolster and a wide Hammer Head® end for setting nails. The brass-plated, solid steel nail-setting head can be used for setting drywall nails and other hammering jobs. Blade width is 2" (51 mm). Overall length is 8-1/2" (216 mm). Minimum order is one each.

CAT. NO. 06225

CRL 3" Stiff Knife



- Large Handle With Soft Grip
- Value Priced

This CRL Stiff Blade Knife features a high-carbon steel blade with a ground edge set in a large soft-grip handle. Blade width is 3" (76 mm). Overall length is 9" (229 mm). Minimum order is one each.

CAT. NO. HW039

CRL Red Devil® 3" Stiff Knife



- Solvent-Resistant Black Nylon Handle
- High-Carbon Steel Blade

CRL Red Devil® Stiff Blade Knives feature a high-carbon, precision-ground steel blade that extends through the black nylon solvent-resistant handle. The brass-plated, solid steel nail-setting head can be used for setting drywall nails and other hammering jobs. Blade width is 3" (76 mm). Overall length is 8-1/4" (210 mm). Minimum order is one each.

CAT. NO. 4209

CRL Russell® 1-1/4" Flexible Knife



- High-Carbon Tool Steel Blade
- Rosewood Handle

This CRL Russell® Flexible Putty Knife has a 1-1/4" (32 mm) wide, precision-ground and tempered, high-carbon tool steel blade. Overall length is 7-1/4" (184 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 2F114

CRL Red Devil® 1-1/4" Flexible Knife



- Polished Wood Handle
- Precision-Ground Steel Blade

CRL Red Devil® Flexible Blade Knives feature a precision-ground, rust-resistant lacquered steel blade that extends through the polished wood handle for flexibility and long life. The brass-plated, solid steel nail-setting head can be used for setting drywall nails and other hammering jobs. Blade width is 1-1/4" (32 mm). Overall length is 7-3/4" (197 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 4102

CRL Red Devil® 1-1/2" Flexible Knife



- Polished Wood Handle
- Precision-Ground Steel Blade

CRL Red Devil® Flexible Blade Knives feature a precision-ground, rust-resistant lacquered steel blade that extends through the polished wood handle for flexibility and long life. The brass-plated, solid steel nail-setting head can be used for setting drywall nails and other hammering jobs. Blade width is 1-1/2" (38 mm). Overall length is 7-5/8" (194 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 4104

Red Devil is a registered trademark of Red Devil, Inc.
Russell is a registered trademark of Dexter-Russell, Inc.

CRL 1-1/2" Flexible Knife



- High-Carbon Flexible Steel Blade
- Large Soft Grip Handle

Our CRL Flexible Blade Knife features a high-carbon steel blade set in a large soft grip handle. Blade width is 1-1/2" (38 mm). Overall length is 8-3/4" (222 mm). Minimum order is one each.

CAT. NO. HW033

CRL 2" Flexible Knife



- High-Carbon Flexible Steel Blade
- Large Soft Grip Handle

Our CRL Flexible Blade Knife features a high-carbon steel blade in a large soft grip handle. Blade width is 2" (51 mm). Overall length is 8-3/4" (222 mm). Minimum order is one each.

CAT. NO. HW034

CRL Red Devil® 2" Flexible Knife



- Solvent-Resistant Black Nylon Handle
- High-Carbon Flexible Steel Blade

CRL Red Devil® Flexible Knives feature a high-carbon, precision-ground steel blade that extends through the black nylon solvent-resistant handle. The brass-plated, solid steel nail setting head can be used for setting drywall nails and other hammering jobs. Blade width is 2" (51 mm). Overall length is 7-5/8" (194 mm). Minimum order is one each.

CAT. NO. 4206

CRL Red Devil® 2-1/2" Flexible Knife



- Extra Long, Solid Hardwood Handle
- Super Flexible, Great for Spackling

This CRL Red Devil® Flexible Putty Knife is precision-ground with a high-carbon steel blade. It is polished, lacquered, and secured by brass eyelets in a solid hardwood handle. Blade width is 2-1/2" (64 mm). Overall length is 9-1/2" (241 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 4510

CRL 3" Flexible Knife



- High-Carbon Flexible Steel Blade
- Large Soft Grip Handle

Our CRL Flexible Blade Knife features a high-carbon steel blade set in a large soft grip handle. Blade width is 3" (76 mm). Overall length is 9" (229 mm). Minimum order is one each.

CAT. NO. HW035

CRL 4" Flexible Knife



- High-Carbon Flexible Steel Blade
- Large Soft Grip Handle

Our CRL Flexible Blade Knife features a high-carbon steel blade set in a large soft grip handle. Blade width is 4" (102 mm). Overall length is 9-3/16" (233 mm). Minimum order is one each.

Red Devil is a registered trademark of Red Devil, Inc.

CAT. NO. HW036

CRL Steel Wool

- Comes in Four High Quality Grades
- Super Fine to Coarse
- Easily Cleans Dried Putty Residue

CRL Steel Wool comes in four high-quality grades from super fine to coarse. Packed in economical sleeve packs (16 pads per pack) with a handy chart to show which grade is best for every cleaning job.

CAT. NO.	GRADES
Z100	Super Fine
Z200	Fine
Z300	Medium
Z400	Coarse

Minimum order: 1 pack. Grades can be combined for quantity pricing.



CRL Ebor 1-1/2" 3110 Putty Knife Chisel



- Carbon Steel
- Scale Tang Blade Handle
- Available in Europe Only

The CRL Ebor 3110 Putty Knife Chisel is made of high-grade carbon steel for strength and longevity. Its scale tang blade handle is extra strong and easy to grip. Blade width is 1-1/2" (38 mm). Minimum order is one each.

CAT. NO. 0704

CRL Ebor 1-1/2" 3107 Skew Stiff Putty Knife

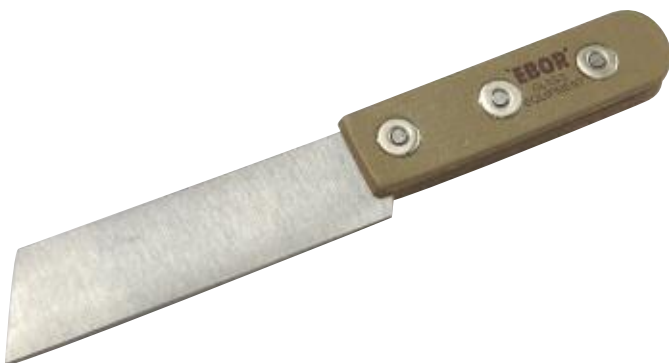


- Carbon Steel
- Scale Tang Blade Handle
- Available in Europe Only

The CRL Ebor 3107 Skew is a high-grade carbon steel stiff Putty Knife with a scale tang blade handle for extra strength and ease during use. Stiff blade has skew end and a width of 1-1/2" (38 mm). Minimum order is one each.

CAT. NO. 0701

CRL Ebor 1-1/4" 3130 Hacking Knife



- Extra-Strong Carbon Steel Blade
- Heavy-Duty Triple Rivet Leather Handle
- Available in Europe Only

The CRL Ebor 3130 Hacking Knife features an extra-strong carbon steel blade with a heavy-duty triple rivet leather handle. Blade width is 1-1/4" (32 mm); length is 4-1/2" (114 mm). Minimum order is one each.

CAT. NO. 0705

CRL Ebor 1-3/8" 3109 Clipt Flexible Putty Knife



- Carbon Steel
- Scale Tang Handle
- Available in Europe Only

The CRL Ebor 3109 Clipt is a high-grade carbon steel Flexible Putty Knife with a scale tang blade handle for extra strength and ease during use. Flexible blade has clipt end and a width of 1-3/8" (35 mm). Minimum order is one each.

CAT. NO. 0703

CRL Hyde® Hackout Knife



- High-Carbon Tool Steel Blade
- Comfortable Oak Leather Handle

The CRL Hyde® Hackout Knife has a blade made of high-carbon steel with a glaze finish. The broad-backed blade extends through the handle and is flanked with oak leather to provide a safe, comfortable grip. Three rivets secure the handle. Blade width is 1-1/4" (32 mm). Blade length is 4-1/2" (114 mm). Overall length is 8" (203 mm). Minimum order is one each.

CAT. NO. 40210

CRL Heavy-Duty Hacking Knife



- Precision-Ground Blade Cuts Through the Hardest Putty
- Molded Plastic Handle

The Heavy-Duty CRL Hacking Knife is perfect for removing old putty. It features a precision-ground blade with a molded plastic handle. Blade width is 1-1/4" (32 mm). Blade length is 4" (102 mm). Overall length is 8-1/2" (216 mm). Minimum order is one each.

CAT. NO. HK1

CRL "Don Carlos" Lead Putty Knife



- Traditional "Don Carlos" Knife With Forged Steel Blade and Black Wooden Handle

The CRL "Don Carlos" Lead Putty Knife has a forged steel blade set in a black wooden handle with lead inlay. The blade is almost 4" (100 mm) long. **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. B05102403

CRL Red Devil® Linoleum Knife



- Tempered High Carbon Steel Blade
- Polished Wood Handle

This CRL Red Devil® Heavy-Duty Linoleum Knife can be used to cut hardened putty and other glazing materials from window sashes. The tempered high-carbon steel blade uses a tapered edge for cutting and quick sharpening; and is attached to a comfortable, polished wood handle with metal bolster. **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 4608

CRL Window Zipper



- Stainless Steel Blade

The CRL Window Zipper Tool features a stainless steel blade set in a metal handle. Cuts through paint or other material binding window sash. Overall length: 9-1/4" (235 mm). Minimum order is one each.

CAT. NO. 4046

Hyde is a registered trademark of Hyde Tools, Inc.
Red Devil is a registered trademark of Red Devil, Inc.

CRL 4-Piece Composite Scraper Set

new

- Ideal for Removal of Old Adhesives
- Safe on Most Surfaces



CRL Composite Scrapers remove material without marring or damaging aluminum and painted finishes. Polypropylene edges are ideal for removing residue from adhesives. Set includes four Scrappers, 3/4", 7/8", 1", and 1-1/2" (20, 23, 25, 38 mm) blade widths. 10-1/2" (267 mm) overall length. Minimum order is one set.

CAT. NO. PS2704

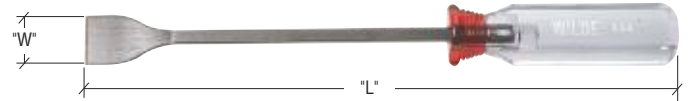
CRL Heavy-Duty Scrapers and Chisels

- Steel Blades and Shafts
- Used for Removing Old Putty
- Also Great as Gasket Scrapers

These Heavy-Duty Scrapers and Chisels are used for removing old putty, as well as for many other jobs. They are sturdy enough for just about any application. Clear Handle model is our most popular; Solid Aluminum Handle model is extra durable.

CAT. NO.	OVERALL LENGTH (L)	BLADE WIDTH (W)
516WT	10-7/8" (276 mm)	15/16" (24 mm)
GL100	11-3/4" (298 mm)	11/16" (17.5 mm)

Minimum order: 1 each.



CAT. NO. 516WT
Clear Plastic Handle



CAT. NO. GL100
Solid Aluminum Handle

CRL Russell® 1-1/4" Putty Chisel



- Quality High Grade Steel Chisel
- Laminated Wood Handle

The CRL Russell® 1-1/4" (32 mm) Putty Chisel is a high grade steel chisel with clear protective coating and a laminated wood handle with brass rivets and hanging grommet. Blade width is 1-1/4" (32 mm). Overall length is 7-1/4" (184 mm).

NOTE: Not available in Australia. Minimum order is one each.

CAT. NO. 2CH114

CRL Red Devil® 1-1/4" Putty Chisel



- Precision Beveled Chisel Edge
- Heavy-Duty Steel Blade

The CRL Red Devil® Putty Chisel has a heavy-duty steel blade with a precision beveled chisel edge for removing old putty. The blade extends through the black nylon solvent-resistant handle and is riveted on for strength. The brass-plated, solid steel nail setting head can be used for setting drywall nails and other hammering jobs. Blade width is 1-1/4" (32 mm). Overall length is 7-3/4" (197 mm).

Minimum order is one each.

CAT. NO. 4231

CRL Red Devil® Double End Window Tool



- Putty Knife and Trimmer in One
- Stainless Steel Blades

The CRL Red Devil® Window Tool is a putty knife and trimmer in one. The V-shaped end packs, shapes and trims new putty, while the flat end removes old putty. This tool has two stainless steel blades mounted to a plastic handle with brass eyelets. Overall length is 7 1/2" (191 mm). Minimum order is one each.

Russell is a registered trademark of Dexter-Russell, Inc.
Red Devil is a registered trademark of Red Devil, Inc.
Hyde is a registered trademark of Hyde Tools, Inc.

CAT. NO. 4044

CRL Hyde® Contour Scraper



- Six Interchangeable Stainless Steel Blades of Various Shapes

This professional grade, stainless steel Hyde® Contour Scraper removes paint, varnish, putty, caulk or rust from virtually any surface. Six interchangeable blades fit into corners, curves, and small channels, and can be sharpened for repeated use.

Minimum order is one each.

CAT. NO. 10450

CRL GLAZING KNIVES AND CHISELS

For Pricing Visit crlaurence.com or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

CRL 8-in-1 Painter's Tool



- Large Soft Grip Handle
- A Must for Any Tool Box

The CRL 8-in-1 Painter's Tool is a must in any tool box. Use it to scrape paint, remove putty, spread compound, clean paint rollers, open cracks for patching, open lids, pull nails, and remove bottle caps. Blade width is 3" (76 mm). Overall length is 9-1/8" (232 mm). Minimum order is one each.

CAT. NO. HW048

CRL Hyde® 8-in-1 Painter's Tool



- Electrocoated Steel Blade
- Soft Grip Handle

This CRL Hyde® 8-in-1 Painter's Tool has eight handy functions: scrape paint, remove putty, spread compound, clean rollers, open cracks for patching, open lids, pull nails, and a die-cast metal nail setting end allows you to set drywall nails. Blade width is 3" (76 mm). Overall length is 8-5/8" (219 mm). Minimum order is one each.

CAT. NO. 06995

CRL Plastic Scraper



- Firm Double-Edge Scraping Tool
- Won't Scratch Glass

This firm, double-edge CRL Plastic Scraping Tool won't scratch glass surfaces. Use it to remove materials like decals, stickers, and labels from glass, or to apply window film. Size is 4" x 2-7/8" (102 x 73 mm). Minimum order is one each.

CAT. NO. 105

CRL Multi-Knife Handle

- Single Screw Quick Change Feature
- Sturdy Aluminum Body With Rubber Grip



The CRL Multi-Knife Handle is ergonomically designed as the most comfortable and durable cold knife handle on the market. It features a single set screw quick-change function that will have you changing blades in seconds. All standard 3/4" (19 mm) wide cold knife and scraper blades fit this rubber gripped handle. Strong aluminum body is wrapped in a neoprene rubber grip for comfort and control. Minimum order is one each.

CAT. NO. 1MKH

CRL Super Scraper Tool



- Surgically Sharp Replaceable Blades Are Available in Three Widths

The CRL Super Scraper saves you the time it takes to stop and sharpen your scraper blades. Our Blades are surgically sharp and inexpensive to replace. The built-in quick blade release lets you change the Blade in seconds. The CRL Super Scraper has a lightweight aluminum shaft with a flip-top handle that stores extra Blades. It comes with five 1/2" (13 mm) wide Blades and a blade cover for safety.

CAT. NO.	DESCRIPTION
SC300	Super Scraper Tool with Five Blades
SC301	5-Pack of 1/2" (13 mm) Wide Blades
SC302	5-Pack of 5/8" (16 mm) Wide Blades
SC303	5-Pack of 3/4" (19 mm) Wide Blades

Minimum order: 1 each.

Hyde is a registered trademark of Hyde Tools, Inc.

CRL Multi-Knife Scraper Blade



Blade Shown in 1MKH Handle
(Handle Not Included)

- Fits Multi-Knife Handle and Most Standard Cold Knife Handles
- Tempered Steel to Maintain Cutting Edge

The CRL Multi-Knife Scraper Blade, when used with the CRL 1MKH Multi-Knife Handle, offers you control and safety. This Blade will also fit most other standard cold knife handles. Made of tempered steel to maintain its cutting edge. Blade measures 3/4" x 4-3/4" (19 x 120 mm). Minimum order is one each.

CAT. NO. RS875



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ALUMINUM

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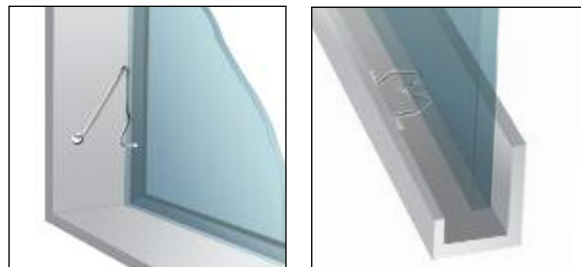
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CRL Sash Glazing Clips

- Available in High Tensile Spring Steel and Aluminum
- Keep Glass in Place Prior to Applying Putty

CRL Sash Glazing Clips are made to keep glass in place in aluminum and steel sash windows prior to application of putty. Lightweight high tensile spring clips hold glass securely in place, and are easy to install.



Typical Applications

For Residential Use



This 18 gauge residential Steel Sash Clip is used for both single or double thickness glass. It's our most widely used glazing clip. Both legs have a small bend at the end.

CAT. NO.	QTY/BOX
1800	1000
1800BULK	25000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.



This lightweight Aluminum Sash Clip is for double or single thickness glass in residential windows. Cannot be used for steel sash glazing. One leg has a small bend at the end.

CAT. NO.	QTY/BOX
AL18	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.

For Commercial Use



These heavyweight Steel Sash Clips are designed for use on 1/4" (6 mm) plate or rough glass in commercial installations. Each of the two legs has a small bend at the end.

CAT. NO.	QTY/BOX
1675	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.



This commercial Aluminum Sash Clip is designed for heavyweight use on 1/4" (6 mm) plate or rough glass. Only one of the two legs has a small bend at the end.

CAT. NO.	QTY/BOX
AL16	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.

For Industrial Use



These Steel Sash Clips are used in glazing Truscon, Creco, Fenestra, Vento, Mesko and other well-known industrial steel sash.

CAT. NO.	QTY/BOX
S625C	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.



Aluminum butterfly style Sash Clip is designed for use on aluminum channel sash.

CAT. NO.	QTY/BOX
W26	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.



Butterfly style Sash Clip intended for use on aluminum channel sash.

CAT. NO.	QTY/BOX
W19	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.

CRL Fletcher® FrameMaster® Point Driver

- Quick Loading Reversible Point Magazine
- Uses 3/8" (9.5 mm) or 5/8" (16 mm) Points
- Adjustable Strike Force

Drive home Glazier's and Framer's Points with the CRL Fletcher® FrameMaster® Point Driver. It reliably drives wax-free stacked points straight and flat to the surface, one at a time, without double feeding or jamming. The easy-load magazine holds 100 points at a time. Unique design features a reversible magazine with a short nose for 3/8" (9.5 mm) Glazier's Points, or a long nose for the longer 5/8" (16 mm) Framer's Points.

A knurled adjustment screw allows easy tension adjustment: less force for soft woods and more force for hard woods. The 1/8" (3.2 mm) width of the point gives excellent holding power combined with a small profile for easy putty coverage of the Glazier's Points. The 5/8" (16 mm) Framer's Points are long enough to hold mat board and other picture frame backing materials securely in place while still being long enough for easy removal.

The lightweight yet durable plastic frame is designed to provide years of dependable service. Minimum order is one each.

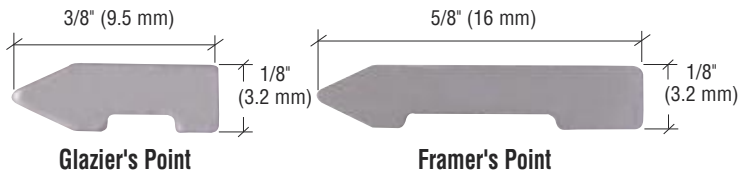


CAT. NO. FM075



CRL Fletcher® FrameMaster® Points

- Exclusively for the FrameMaster® Point Driver
- Wax-Free for a Strong Hold



CAT. NO.	DESCRIPTION	QTY/PK
FT898	3/8" (9.5 mm) Glazier's Points	5,000
FT895	5/8" (16 mm) Framer's Points	3,000

Minimum order: 1 package. All Glazing Points can be combined for quantity pricing.

CRL Fletcher® PullMate™ Point Removing Tool

- Removes Fletcher® FrameMaster® Points From Wood Frames



The CRL Fletcher® PullMate™ Point Removing Tool is a high-quality finishing tool specifically designed to remove Fletcher® FrameMaster® Points from wood frames. It has a rubberized raised grip that provides added comfort and helps protect framing materials. Minimum order is one each.

CAT. NO. 09517

Fletcher and FrameMaster are registered trademarks of The Fletcher-Terry Company.



CRL PD9 Diamond Point Driver

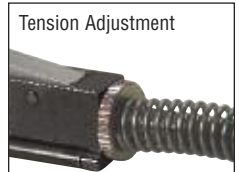
- All Metal Design
- Drives 1P and NW1P Diamond Points
- Adjustable Strike Force

The best and fastest way to glaze wood sash is to start off with a CRL PD9 Diamond Point Driver. Secure the glass in place with CRL Universal Diamond Points and warm up the putty. Adjustable strike force allows the user to drive the points deeply enough in hard or soft wood frames to hold the glass with 1/8" (3.2 mm) of exposure over the glass. This low profile is easily covered during putty application.

The CRL PD9 is built with small rubber cushions on the base to make sure tool is perfectly angled to properly set the points. Minimum order is one each.

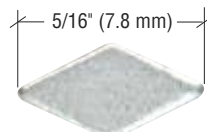


CAT. NO. PD9



CRL Universal Diamond Points

- Stacked Points Are Available in Two Package Quantities
- Works With Our PD9 Driver



CAT. NO. 1P

Our No. 1 size Universal Diamond Points fit into our PD9 Point Driver, and also into older model point drivers. Stacked points slide into the magazine for quick and easy reloading. Get them in Packs of 5,000 each or in Bulk Boxes of 45,000 containing nine Packs.

CAT. NO.	DESCRIPTION	TOTAL POINTS
1P	Package of 5/16" (7.8 mm) Diamond Points	5,000
1B	Box (9 Packages) of 5/16" (7.8 mm) Diamond Points	45,000

Minimum order: 1 package or 1 box.



CRL Points for Older Point Drivers and Manual Tools



CAT. NO. 2P

CAT. NO. TP2

CAT. NO. TP3

We stock Diamond and Triangle Points for older model CRL and Fletcher brand Point Drivers. Stacked Diamond Points come in Packs of 4,000 each or in Boxes of 36,000 containing nine Packs. **NOTE:** Triangle Points are not stacked, but shipped in bulk.

CAT. NO.	DESCRIPTION	TOTAL POINTS
2P	Package of 1/2" (12.7 mm) Stacked Diamond Points	4,000
2B	Box (9 Packages) of 1/2" (12.7 mm) Stacked Diamond Points	36,000
TP2	No. 2 Triangle Point 1/2" (12.7 mm) Non-Stacked in Bulk	1 lb. (.45 kg)
TP3	No. 3 Triangle Point 7/16" (11.1 mm) Non-Stacked in Bulk	1 lb. (.45 kg)

Minimum order: 1 package, 1 box, or 1 pound.

Fletcher is a registered trademark of The Fletcher-Terry Company

CRL Fletcher® Point Tool

- Perfect Choice for Inserting Push Points, Triangle Points, and Diamond Points Into Wood Frames and Window Sash



The CRL Fletcher® Point Tool is a high quality finishing tool that is the perfect choice for inserting Push Points, Triangle Points, and Diamond Points into wood frames and window sash. It has a rubberized raised grip that provides added comfort and helps prevent damage to the mat board and other backing material. Minimum order is one each.

CAT. NO. 09515

CRL Easy Push Points

- Our Most Popular Push Points
- Packaged in Convenient Display Boxes for Over-the-Counter Sales
- Also Available in Bulk One Pound Containers

CRL Push Points install without the use of special tools, making them a favorite of glaziers and consumers. Just push them into place with a putty knife, chisel or slotted screwdriver. Use Push Points for wood sash glazing, greenhouses, picture frames, mirror frames, and more. They are zinc coated to resist corrosion, and available in two types of packaging; retail counter display containing twelve small packages, and one pound bulk containers for professional use.

NOTE: Cat. No. 30 Points consist of one retail display with 12 small packages containing approximately 50 push points (600 points total). One Cat. No. 31B bulk container holds approximately 1500 points.



CAT. NO. 30
Retail Display Push Points



CAT. NO. 31B
Bulk Push Points

CAT. NO.	PACKAGING
30	Retail Display of 12 Packages
31B	One Pound Bulk Container

Minimum order: 1 each. All Glazing Points can be combined for quantity pricing.

CRL Push Points

- Packaged in Attractive Blister Cards for Retail Display



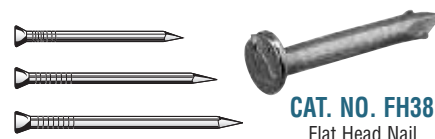
Popular CRL Push Points are available on attractive blister cards for retail display. Use them for fast, easy glazing of wood sash, picture frames, and more. Packaged for pegboard or wire rack display. Approximately 50 Push Points per card. 12 blister cards per carton. Minimum order is one carton.



CAT. NO. 30C

CRL Wire Brads

- Used in the Assembly of Finished Wood Picture Frames or Cabinetry
- Sharp Points Aid Insertion With Hammer or Brad Pusher



CAT. NO. FH38
Flat Head Nail



CRL Wire Brads are used in the assembly of finished wood picture frames or cabinetry. Sharp points aid their insertion using a hammer or brad-setting pusher. All sizes are packed one pound (.45 kg) per box.

Wire Brad Gauges

#16		●
#17		●
#18		●
#19		●

CAT. NO.	SIZE
16X1BRAD	#16 x 1" (25 mm)
16X112BRAD	#16 x 1-1/2" (38 mm)
17X34BRAD	#17 x 3/4" (19 mm)
17X1BRAD	#17 x 1" (25 mm)
18X34BRAD	#18 x 3/4" (19 mm)
18X1BRAD	#18 x 1" (25 mm)
19X12BRAD	#19 x 1/2" (12 mm)
19X34BRAD	#19 x 3/4" (19 mm)
FH38	#18 x 3/8" (10 mm)*

Minimum order: 1 box. All Wire Brads can be combined for quantity pricing. *Quantity 2000 per box.

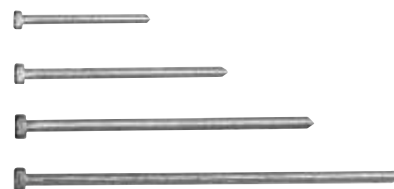
CRL Professional Electric Brad Nail Gun

- Shoots Four Sizes of Brad Nails
- A Great Tool for Business or Home Projects

CRL's Professional Electric Brad Nail Gun is perfect for installing any type of trim, moulding or general woodworking projects. This Brad Nail Gun has a powerful 14 amp motor along with a 10 foot (3 m) cord, and utilizes 5/8" (15 mm) to 1-1/4" (32 mm) Brad Nails. The specially designed nail channel prevents jamming. The Brad Nail Gun also features dual safety switches: surface contact and trigger lock. The non-marring bumper protects the trim surfaces. Includes carrying case. Minimum order is one each.



CAT. NO. ET200



Brad Nails for ET200 Gun

BRAD NAILS

CAT. NO.	LENGTH	QTY/BOX
3130058	5/8" (16 mm)	500
3130034	3/4" (19 mm)	2000
3130001	1" (25 mm)	2000
3130114	1-1/4" (32 mm)	2000

Minimum order: 1 box.

CRL Fasteners and Screws

- Look for Our Complete Line of Fastening Devices Online at crlaurence.com or Find Them in Our CRL03 Catalog: Sealants, Adhesives, and Fasteners

C.R. Laurence supplies a large variety of screws, wall anchors, toggle bolts, nut inserts, and blind rivets. As new fastening devices become available we carefully review them, and select only those we feel are useful, dependable, and sturdy enough to meet the demands of the glass industry. This section has only a small assortment of the fasteners that we offer. Look for a complete line of quality fasteners online at crlaurence.com or in the CRL03 Sealants, Adhesives, and Fasteners Master Catalog.



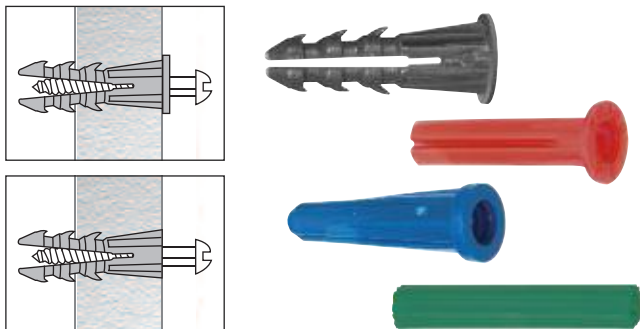
CRL E-Z Ancors

- Self-Drilling
- Fast and Easy
- Secure and Removable



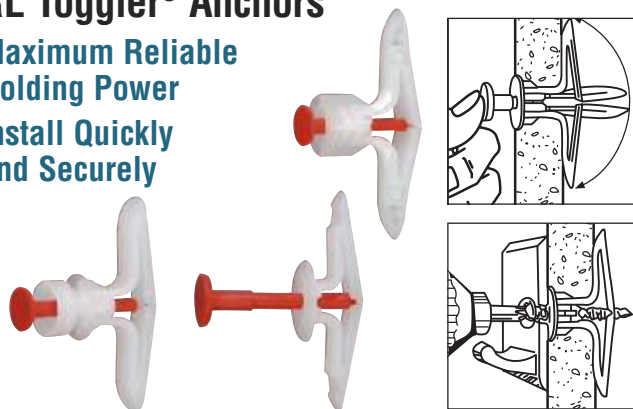
CRL Plastic Anchors

- Easy to Use, Simply Drill the Hole, Insert the Anchor, and Then Push it in
- Unaffected by Corrosion, Moisture, and Weather



CRL Toggler® Anchors

- Maximum Reliable Holding Power
- Install Quickly and Securely



Toggler is a registered trademark of Mechanical Plastics Corp.

CRL Screws

- Sheet Metal, Wood Framing, Self-Drilling, Drywall, and Masonry Thread Types
- Phillips, Slotted, Square, Spanner, and Hex Drive Heads



CRL Flat Head Phillips Sheet Metal Screws



CRL Pan Head Phillips Sheet Metal Screws



CRL Oval Head Phillips Sheet Metal Screws



CRL Sheet Metal Screws with Countersunk Washers



CRL Square Drive Sheet Metal Screws



CRL Hex Washer Head Self-Drilling Screws



CRL Spanner Head Tamperproof Security Screws



CRL Nickel Plated Wood Screws



CRL Drywall Screws



CRL Masonry Screws



CRL Self-Tapping Machine Screws



CRL Sheet Metal - Screws

- Super Sharp Points
- Bright Zinc Plated
- Easier to Inventory
- Order in Bulk for Additional Savings



Quantities of 100 are packed in resealable plastic tubs. Bulk packages of 1000 are packaged in poly bags. Both feature easy-to-read labels and see-through packaging.

Flat Head Phillips



BRIGHT ZINC PLATED



Flat



Phillips

CAT. NO.	SIZE
AV5646*	4 x 1/4" (6 mm)
AV5647*	4 x 3/8" (10 mm)
AV5648*	4 x 1/2" (13 mm)
AV2736*	6 x 5/16" (8 mm) - 4 Hd.
6X38FHPSMS	6 x 3/8" (10 mm)
6X12FHPSMS	6 x 1/2" (13 mm)
6X12FHP4HDSMS	6 x 1/2" (13 mm) - 4 Hd.
6X58FHPSMS	6 x 5/8" (16 mm)
6X34FHPSMS	6 x 3/4" (19 mm)
6X1FHPSMS	6 x 1" (25 mm)
6X114FHPSMS	6 x 1-1/4" (32 mm)
6X112FHPSMS	6 x 1-1/2" (38 mm)
6X2FHPSMS	6 x 2" (51 mm)
8X38FHPSMS	8 x 3/8" (10 mm)
AV1479*	8 x 7/16" (11 mm) - 6 Hd.
8X12FHPSMS	8 x 1/2" (13 mm)
8X58FHPSMS	8 x 5/8" (16 mm)
AV1712*	8 x 3/4" (19 mm) - 6 Hd.
8X34FHPSMS	8 x 3/4" (19 mm)
8X1FHPSMS	8 x 1" (25 mm)
8X114FHPSMS	8 x 1-1/4" (32 mm)
8X112FHPSMS	8 x 1-1/2" (38 mm)
8X2FHPSMS	8 x 2" (51 mm)
8X212FHPSMS	8 x 2-1/2" (64 mm)
8X3FHPSMS	8 x 3" (76 mm)
10X12FHPSMS	10 x 1/2" (13 mm)
10X12FHPUCSMS	10 x 1/2" (13 mm) Undercut
10X58FHPSMS	10 x 5/8" (16 mm)
10X34FHPSMS	10 x 3/4" (19 mm)
10X34FHPUCSMS	10 x 3/4" (19 mm) Undercut
10X1FHPSMS	10 x 1" (25 mm)
10X114FHPSMS	10 x 1-1/4" (32 mm)
10X112FHPSMS	10 x 1-1/2" (38 mm)
10X2FHPSMS	10 x 2" (51 mm)
10X212FHPSMS	10 x 2-1/2" (64 mm)
10X3FHPSMS	10 x 3" (76 mm)
12X12FHPSMS	12 x 1/2" (13 mm)
12X34FHPSMS	12 x 3/4" (19 mm)
12X1FHPSMS	12 x 1" (25 mm)
12X112FHPSMS	12 x 1-1/2" (38 mm)
12X2FHPSMS	12 x 2" (51 mm)

Minimum order: 100 each. Must order in increments of 100.
*Minimum order: 1 box. All bulk screws can be combined for quantity pricing.

Pan Head Phillips



BRIGHT ZINC PLATED



Pan



Phillips

CAT. NO.	SIZE
AV3071*	4 x 1/4" (6 mm)
AV3072*	4 x 3/8" (10 mm)
AV3073*	4 x 1/2" (13 mm)
D175	5 x 3/4" (19 mm)
6X14PHPSMS	6 x 1/4" (6 mm)
6X38PHPSMS	6 x 3/8" (10 mm)
6X12PHPSMS	6 x 1/2" (13 mm)
6X58PHPSMS	6 x 5/8" (16 mm)
6X34PHPSMS	6 x 3/4" (19 mm)
6X1PHPSMS	6 x 1" (25 mm)
6X114PHPSMS	6 x 1-1/4" (32 mm)
6X112PHPSMS	6 x 1-1/2" (38 mm)
8X38PHPSMS	8 x 3/8" (10 mm)
8X12PHPSMS	8 x 1/2" (13 mm)
8X58PHPSMS	8 x 5/8" (16 mm)
8X34PHPSMS	8 x 3/4" (19 mm)
8X1PHPSMS	8 x 1" (25 mm)
8X114PHPSMS	8 x 1-1/4" (32 mm)
8X112PHPSMS	8 x 1-1/2" (38 mm)
AV2088*	8 x 1-3/4" (44 mm)
8X2PHPSMS	8 x 2" (51 mm)
8X212PHPSMS	8 x 2-1/2" (64 mm)
8X3PHPSMS	8 x 3" (76 mm)
10X12PHPSMS	10 x 1/2" (13 mm)
10X58PHPSMS	10 x 5/8" (16 mm)
10X34PHPSMS	10 x 3/4" (19 mm)
10X1PHPSMS	10 x 1" (25 mm)
10X114PHPSMS	10 x 1-1/4" (32 mm)
10X112PHPSMS	10 x 1-1/2" (38 mm)
10X2PHPSMS	10 x 2" (51 mm)
10X212PHPSMS	10 x 2-1/2" (64 mm)
10X3PHPSMS	10 x 3" (76 mm)
12X12PHPSMS	12 x 1/2" (13 mm)
12X34PHPSMS	12 x 3/4" (19 mm)
12X1PHPSMS	12 x 1" (25 mm)
12X112PHPSMS	12 x 1-1/2" (38 mm)
12X2PHPSMS	12 x 2" (51 mm)
AV2371*	14 x 2-1/4" (57 mm)

Minimum order: 100 each. Must order in increments of 100.
*Minimum order: 1 box. All bulk screws can be combined for quantity pricing.

Oval Head Phillips



BRIGHT ZINC PLATED



Oval



Phillips

CAT. NO.	SIZE
6X120HPSMS	6 x 1/2" (13 mm)
AV2698 (Chrome)*	6 x 1/2" (13 mm)
6X340HPSMS	6 x 3/4" (19 mm)
6X10HPSMS	6 x 1" (25 mm)
6X1140HPSMS	6 x 1-1/4" (32 mm)
6X1120HPSMS	6 x 1-1/2" (38 mm)
AV3485 (Chrome)*	8 x 3/8" (10 mm)
AV2707 (Chrome)*	8 x 1/2" (13 mm)
AV2710 (Chrome)*	8 x 3/4" (19 mm)
AV2713 (Chrome)*	8 x 1" (25 mm)
AV1423 (Chrome)*	8 x 1-1/4" (32 mm) - 6 Hd.
AV2716 (Chrome)*	8 x 1-1/4" (32 mm)
AV2718 (Chrome)*	8 x 1-1/2" (38 mm)
AV2631*	8 x 1-3/4" (44 mm)
AV2632*	8 x 2" (51 mm) - 6 Hd.
AV2633*	8 x 2" (51 mm)
AV2722 (Chrome)*	10 x 1/2" (13 mm)
AV2666*	10 x 2" (51 mm)

Minimum order: 100 each. Must order in increments of 100.
*Minimum order: 1 box. All bulk screws can be combined for quantity pricing.

Hex Washer Head



BRIGHT ZINC PLATED



Hex Washer



Hex

CAT. NO.	SOCKET SIZE	SIZE
6X38HWSMS	3/16"	6 x 3/8" (10 mm)
6X12HWSMS	3/16"	6 x 1/2" (13 mm)
6X34HWSMS	3/16"	6 x 3/4" (19 mm)
6X1HWSMS	3/16"	6 x 1" (25 mm)

CAT. NO.	SOCKET SIZE	SIZE
8X12HWSMS	1/4"	8 x 1/2" (13 mm)
8X34HWSMS	1/4"	8 x 3/4" (19 mm)
8X1HWSMS	1/4"	8 x 1" (25 mm)
8X114HWSMS	1/4"	8 x 1-1/4" (32 mm)
8X112HWSMS	1/4"	8 x 1-1/2" (38 mm)
8X2HWSMS	1/4"	8 x 2" (51 mm)

Minimum order: 100 each. Must order in increments of 100.
All bulk screws can be combined for quantity pricing.

CAT. NO.	SOCKET SIZE	SIZE
10X58HWSMS	5/16"	10 x 5/8" (16 mm)
10X34HWSMS	5/16"	10 x 3/4" (19 mm)
10X1HWSMS	5/16"	10 x 1" (25 mm)
10X114HWSMS	5/16"	10 x 1-1/4" (32 mm)
10X112HWSMS	5/16"	10 x 1-1/2" (38 mm)
10X2HWSMS	5/16"	10 x 2" (51 mm)

Minimum order: 100 each. Must order in increments of 100.
All bulk screws can be combined for quantity pricing.

CRL Wood Framing Screws

- Super Sharp Points
- Bright Zinc Plated Finish
- Flat Head Phillips

CRL Wood Framing Screws are preferred by fabricators for attaching storefront tubing to substrates. Their extra long length assures a dependable grip when installed properly, and the bright zinc plating helps to prevent corrosion. Three popular sizes in a variety of lengths provide a good selection. Quantities of 100 are packed in plastic resealable tubs, and bulk packages of 1000 are packaged in poly bags.



Flat



Phillips



Wood

FLAT HEAD

CAT. NO.	SIZE
D150	8 x 1" (25 mm)
10X312FHPWS	10 x 3-1/2" (89 mm)
12X212FHPWS	12 x 2-1/2" (64 mm)
12X3FHPWS	12 x 3" (76 mm)
12X312FHPWS	12 x 3-1/2" (89 mm)
12X4FHPWS	12 x 4" (102 mm)
14X3FHPWS	14 x 3" (76 mm)
14X312FHPWS	14 x 3-1/2" (89 mm)
14X4FHPWS	14 x 4" (102 mm)
14X412FHPWS	14 x 4-1/2" (114 mm)

Minimum order: 100 each. Must order in increments of 100.
Sizes can be combined for quantity pricing.

CRL Self-Drilling Screws

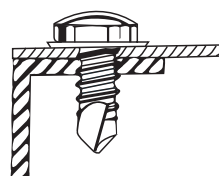
- Cut Their Own Holes in a Variety of Metals
- Speed Manufacturing and Fabricating



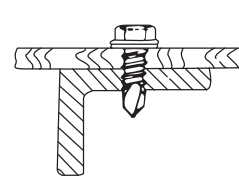
CRL Self-Drilling Screws combine a drill and screw into a single efficient unit to save time and labor costs. They are designed to drill their own hole, cut or form mating threads, and make a complete fastening in a single operation. Each is precision machined and heat treated under exacting standards to ensure quality performance.

Self-Drilling Screws work well in a variety of metals, including carbon steel, aluminum, brass, bronze, stainless steel, fiberglass, as well as some thin plastics. The special design eliminates the need to pre-drill or pre-punch pilot holes, as well as eliminating the problem of hole alignment. Their unique fastening qualities mean you can fasten materials of dissimilar thicknesses easily, and will probably use fewer screws on many applications.

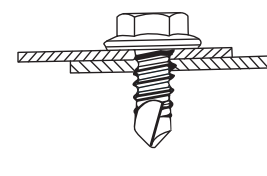
CRL Self-Drilling Screws bring new speed, mobility, and economy to on-site assembly installations. Used in curtainwall and storefront installations, metal roofing and siding, metal window frame and door installations, emergency board-ups, heating and air conditioning ducts, interior partitions, decking and subfloor assemblies, electrical circuit boxes and conduit fastening, and many other applications. Sold in quantities of 100 packed in resealable plastic tubs, and bulk packages of 1000 in poly bags.



Sheet to Structure



Wood to Structure



Sheet to Sheet



Pan



Phillips



Self-Drilling



Hex Washer



Hex



Self-Drilling

PAN HEAD PHILLIPS

CAT. NO.	SIZE
20061201	6-20 x 3/8" (10 mm)
AV9604*	8-18 x 7/16" (11 mm)
20061601	6-20 x 1/2" (13 mm)
20081601	8-18 x 1/2" (13 mm)
20082401	8-18 x 3/4" (19 mm)
20083201	8-18 x 1" (25 mm)
20084801	8-18 x 1-1/2" (38 mm)
20092004	10-16 x 5/8" (16 mm)
20092404	10-16 x 3/4" (19 mm)
AV9609*	10-16 x 1" (25 mm)

Minimum order: 100 each. Must order in increments of 100.
*Minimum order: 1 box. All bulk screws can be combined for quantity pricing.

HEX WASHER HEAD

CAT. NO.	SIZE
20081602	8-18 x 1/2" (13 mm)
20082402	8-18 x 3/4" (19 mm)
20083202	8-18 x 1" (25 mm)
20091603	10-16 x 1/2" (13 mm)
20092003	10-16 x 5/8" (16 mm)
20092403	10-16 x 3/4" (19 mm)
20093203	10-16 x 1" (25 mm)
20094003	10-16 x 1-1/4" (32 mm)
20152403	1/4-20 x 3/4" (19 mm)
20153203	1/4-20 x 1" (25 mm)

Minimum order: 100 each. Must order in increments of 100.
All bulk screws can be combined for quantity pricing.

CRL Premium Industrial Blind Rivets in Cases

- Full Factory Cases Cut Your Costs
- Available in All Aluminum, Aluminum/Steel, All Steel, and All Stainless

- Standard and Large Flange Head Styles



Easy Installation Steps



1. Insert rivet mandrel in rivet setting tool.



2. Using tool as a guide, insert rivet into prepared hole.



3. The tool grips the mandrel and exerts a strong pull, forcing the head of the mandrel into the rivet's hollow core. The protruding tail portion of the rivet expands, forming the counterhead.



4. At maximum pull, the mandrel breaks (at the pre-cripped section) and is withdrawn. The mandrel head remains locked in the rivet, closing the rivet bore.

CRL Premium Industrial Blind Rivets feature a low profile head with minimum back-up space; join thin gauge or dissimilar materials; are vibration-proof - won't back out or shake loose; provide positive fastening of painted or finished components without possibility of surface marring; conform to Industrial Fasteners Institute and appropriate Government Standards and Specifications. Add to these advantages their ease of use, and you may begin to realize how using CRL Blind Rivets could benefit your profit picture.

CRL Blind Rivets in Cases are standard pack quantities as supplied from the factory. To find the proper catalog number, check the diameter and grip range columns in the chart below. Once you have found the required range and diameter for the Rivet you need, then select the Catalog Number under the column heading showing the Rivet and mandrel type specified for your application or use.

For our complete line of CRL Premium Industrial Blind Rivets, go to crlaurence.com.

RIVET: ALUMINUM	RIVET: ALUMINUM	RIVET: PLATED STEEL	RIVET: STAINLESS STEEL	△ = Large Flange Rivets. All others have conventional domed heads.				
MANDREL: ALUMINUM	MANDREL: COATED STEEL	MANDREL: COATED STEEL	MANDREL: STAINLESS STEEL					
CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.	DIAMETER	RIVET GRIP RANGE FRACTIONAL	METRIC	HOLE SIZE AND DRILL NO.	QTY/CASE
ABA41	-	-	-	1/8" (3.2 mm)	1/32"-1/16"	(.8-1.6 mm)	.129 - .133, #30	10000
ABA42	ABS42	SBS42	FBF42	1/8" (3.2 mm)	1/16"-1/8"	(1.6-3.2 mm)	.129 - .133, #30	10000
ABA43	ABS43	SBS43	FBF43	1/8" (3.2 mm)	1/8"-3/16"	(3.2-4.8 mm)	.129 - .133, #30	10000
ABA44	ABS44	SBS44	FBF44	1/8" (3.2 mm)	3/16"-1/4"	(4.8-6.3 mm)	.129 - .133, #30	10000
ABA45	ABS45	SBS45	-	1/8" (3.2 mm)	1/4"-5/16"	(6.3-7.9 mm)	.129 - .133, #30	10000
ABA46	ABS46	SBS46	FBF46	1/8" (3.2 mm)	5/16"-3/8"	(7.9-9.5 mm)	.129 - .133, #30	10000
ABA48	ABS48	-	-	1/8" (3.2 mm)	3/8"-1/2"	(9.5-12.7 mm)	.129 - .133, #30	10000
-	ABS42L △	SBS42L △	FBF42L △	1/8" (3.2 mm)	1/32"-1/8"	(.8-3.2 mm)	.129 - .133, #30	10000
ABA43L △	-	-	-	1/8" (3.2 mm)	1/8"-3/16"	(3.2-4.8 mm)	.129 - .133, #30	10000
ABA44L △	ABS44L △	-	-	1/8" (3.2 mm)	3/16"-1/4"	(4.8-6.3 mm)	.129 - .133, #30	10000
ACA43	-	-	-	1/8" (3.2 mm)	1/8"-3/16"	(3.2-4.8 mm)	.129 - .133, #30	10000
ABA52	-	-	-	5/32" (4 mm)	1/16"-1/8"	(1.6-3.2 mm)	.160 - .164, #20	8000
ABA54	-	-	-	5/32" (4 mm)	3/16"-1/4"	(4.8-6.3 mm)	.160 - .164, #20	8000
ABA56	-	-	FBF56	5/32" (4 mm)	1/4"-3/8"	(6.3-9.5 mm)	.160 - .164, #20	8000
ABA58	-	-	-	5/32" (4 mm)	3/8"-1/2"	(9.5-12.7 mm)	.129 - .133, #30	6000
ABA62	ABS62	-	-	3/16" (4.8 mm)	1/32"-1/8"	(.8-3.2 mm)	.192 - .196, #11	5000
ABA64	ABS64	SBS64	FBF64	3/16" (4.8 mm)	1/8"-1/4"	(3.2-6.3 mm)	.192 - .196, #11	5000
ABA66	ABS66	SBS66	-	3/16" (4.8 mm)	1/4"-3/8"	(6.3-9.5 mm)	.192 - .196, #11	5000
ABA68	ABS68	SBS68	-	3/16" (4.8 mm)	3/8"-1/2"	(9.5-12.7 mm)	.192 - .196, #11	4000
ABA610	-	-	-	3/16" (4.8 mm)	1/2"-5/8"	(12.7-15.9 mm)	.192 - .196, #11	4000
ABA612	ABS612	-	-	3/16" (4.8 mm)	5/8"-3/4"	(15.9-19 mm)	.192 - .196, #11	4000
ABA64L △	-	-	FBF64L △	3/16" (4.8 mm)	1/16"-1/4"	(1.6-6.3 mm)	.192 - .196, #11	3000
ABA66L △	ABS66L △	-	-	3/16" (4.8 mm)	1/4"-3/8"	(6.3-9.5 mm)	.192 - .196, #11	3000
ABA68L △	-	-	-	3/16" (4.8 mm)	3/8"-1/2"	(9.5-12.7 mm)	.192 - .196, #11	3000
ABA610L △	ABS610L △	-	-	3/16" (4.8 mm)	1/2"-5/8"	(12.7-15.9 mm)	.192 - .196, #11	2000
ABA612L △	ABS612L △	-	-	3/16" (4.8 mm)	5/8"-3/4"	(15.9-19 mm)	.192 - .196, #11	2000

Minimum order: 1 case. All cases of Rivets can be combined for quantity pricing..

CRL Blind Rivets in Packs of 1000

ALUMINUM RIVETS WITH ALUMINUM MANDRELS

CAT. NO.	DIAMETER	GRIP RANGE
ABA41PK	1/8" (3.2 mm)	1/32"-1/16" (.8-1.6 mm)
ABA42PK	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
ABA43PK	1/8" (3.2 mm)	1/8"-3/16" (3.2-4.8 mm)
ABA44PK	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)
ABA45PK	1/8" (3.2 mm)	1/4"-5/16" (6.3-7.9 mm)
ABA46PK	1/8" (3.2 mm)	5/16"-3/8" (7.9-9.5 mm)
ABA48PK	1/8" (3.2 mm)	3/8"-1/2" (9.5-12.7 mm)
ABA52PK	5/32" (4 mm)	1/32"-1/8" (.8-3.2 mm)
ABA54PK	5/32" (4 mm)	3/16"-1/4" (4.8-6.3 mm)
ABA56PK	5/32" (4 mm)	1/4"-3/8" (6.3-9.5 mm)
ABA58PK	5/32" (4 mm)	3/8"-1/2" (9.5-12.7 mm)
ABA62PK	3/16" (4.8 mm)	1/32"-1/8" (.8-3.2 mm)
ABA64PK	3/16" (4.8 mm)	1/8"-1/4" (3.2-6.3 mm)
ABA66PK	3/16" (4.8 mm)	1/4"-3/8" (6.3-9.5 mm)
ABA68PK	3/16" (4.8 mm)	3/8"-1/2" (9.5-12.7 mm)
ABA610PK	3/16" (4.8 mm)	1/2"-5/8" (12.7-15.9 mm)

Minimum order: 1 pack.

STEEL RIVETS WITH STEEL MANDRELS

CAT. NO.	DIAMETER	GRIP RANGE
SBS42PK	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
SBS44PK	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)
SBS48PK	1/8" (3.2 mm)	3/8"-1/2" (9.5-12.7 mm)

Minimum order: 1 pack.



Our more popular sizes of CRL Blind Rivets are available in packages of 1000 each. This is an economical alternative to ordering factory cases for sizes that you may use infrequently or in limited amounts.

- Our More Popular Sizes Conveniently Packed
- Economic Alternative to Ordering Factory Cases

ALUMINUM RIVETS WITH STEEL MANDRELS

CAT. NO.	DIAMETER	GRIP RANGE
ABS42PK	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
ABS43PK	1/8" (3.2 mm)	1/8"-3/16" (3.2-4.8 mm)
ABS44PK	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)
ABS45PK	1/8" (3.2 mm)	1/4"-5/16" (6.3-7.9 mm)
ABS46PK	1/8" (3.2 mm)	5/16"-3/8" (7.9-9.5 mm)
ABS48PK	1/8" (3.2 mm)	3/8"-1/2" (9.5-12.7 mm)
ABS64PK	3/16" (4.8 mm)	1/8"-1/4" (3.2-6.3 mm)
ABS66PK	3/16" (4.8 mm)	1/4"-3/8" (6.3-9.5 mm)
ABS68PK	3/16" (4.8 mm)	3/8"-1/2" (9.5-12.7 mm)

Minimum order: 1 pack.

ALL STAINLESS STEEL RIVETS

CAT. NO.	DIAMETER	GRIP RANGE
FBF42PK	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
FBF43PK	1/8" (3.2 mm)	1/8"-3/16" (3.2-4.8 mm)
FBF44PK	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)
FBF46PK	1/8" (3.2 mm)	5/16"-3/8" (7.9-9.5 mm)
FBF48PK	1/8" (3.2 mm)	3/8"-1/2" (9.5-12.7 mm)
FBF56PK	5/32" (4 mm)	1/4"-3/8" (6.3-9.5 mm)
FBF64PK	3/16" (4.8 mm)	1/8"-1/4" (3.2-6.3 mm)

Minimum order: 1 pack.

CRL Blind Rivets In Color

These Aluminum Rivets with aluminum mandrels are available in three different colors: black, brown, and white. They come in cases of 10,000 and packs of 1,000 each. You can also special order custom CRL Blind Rivets in any color necessary to meet the job requirements. The minimum order on special order color rivets is 100,000 each.

COLOR RIVETS IN PACKS OF 1,000

CAT. NO.	COLOR	DIAMETER	GRIP RANGE
ABA42BLPK	Black	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
ABA42RBPk	Brown	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
ABA42WPK	White	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
ABA44BLPK	Black	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)
ABA44RBPk	Brown	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)
ABA44WPK	White	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)

Minimum order: 1 pack.

- Most Popular Sizes Available in Three Colors
- Custom Colors Available by Special Order



COLOR RIVETS IN BULK CASES OF 10,000

CAT. NO.	COLOR	DIAMETER	GRIP RANGE
ABA42BL	Black	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
ABA42RB	Brown	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
ABA42W	White	1/8" (3.2 mm)	1/16"-1/8" (1.6-3.2 mm)
ABA44BL	Black	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)
ABA44RB	Brown	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)
ABA44W	White	1/8" (3.2 mm)	3/16"-1/4" (4.8-6.3 mm)

Minimum order: 1 case. Can be combined with all other Blind Rivet cases for quantity pricing.

CRL Rivet Head Removal Tool

- 1/4" Shank Fits All Drills
- Hollow Center Catches Rivet Stem



CAT. NO. 72181

The CRL Rivet Head Removal Tool is perfect for the removal of blind rivets. The hardened steel tip cuts off the rivet head, and the hollow center catches the rivet stem. 3" (76 mm) overall length. 1/4" (6.3 mm) shank fits most electric drills. Minimum order is one each.

CRL Square Steel Spacers

- Gives Extra Support On Soft Surfaces

CRL Square Steel Spacers are for use as back-up washers when rivets are used to fasten soft materials. Access to both sides of material is necessary for proper performance. Spacers are 1/16" (1.6 mm) thick, and have an overall size of 1/2" x 1/2" (12.7 mm x 12.7 mm).

CAT. NO.	HOLE SIZE	QTY/BOX
SS4	1/8" (3.2 mm)	500
SS6	3/16" (4.8 mm)	500

Minimum order: 1 box.



CRL Marson Heavy-Duty Rivet Gun

- Heavy-Duty Construction
- Includes Four Nosepieces



The CRL Marson Heavy-Duty Rivet Gun features heavy-duty construction and includes four nosepieces that are housed in the tool body. Will set 3/32", 1/8", 5/32", and 3/16" (2.4, 3.2, 4, and 4.8 mm) rivet sizes.

CAT. NO.	DESCRIPTION	QTY/PKG
HP2	Heavy-Duty Rivet Gun	1 each
HP23A	Replacement Jaws	1 pair

Minimum order: 1 box. All Quick-Snap Rivets can be combined for quantity pricing.

CRL Rotating Head Rivet Gun

- Head Rotates a Full 360 Degrees
- Includes Four Nosepieces



The CRL Rotating Head Rivet Gun allows you to rivet at any angle because the head rotates a full 360 degrees. All steel construction with vinyl grips, and supplied with four nosepieces for 3/32", 1/8", 5/32", and 3/16" (2.4, 3.2, 4, and 4.8 mm) rivet sizes. Minimum order is one each.

CAT. NO. RHT300

CRL Rivet Gun Kit

- Includes the HP2 Heavy-Duty Rivet Gun
- High Impact Carrying Case



The CRL Rivet Gun Kit includes the heavy-duty HP2 Rivet Gun, complete with its four nosepieces for 3/32", 1/8", 5/32", and 3/16" (2.4, 3.2, 4, and 4.8 mm) rivets. Elongated, contour-grip handles for positive setting action. The rivet selection includes sizes to complete a diversity of job applications. All are housed in a high impact plastic carrying case with a positive snap lock closure. An excellent all-around Rivet Gun Kit for every tool chest.

Minimum order is one each.

CAT. NO. 39001

CRL Manual Rivet Gun

- Value Priced Manual Gun
- Includes Four Nosepieces



This CRL Manual Rivet Gun is smooth and fast. Interchangeable nosepieces attach to the base when not in use and will handle 3/32", 1/8", 5/32" and 3/16" (2.4, 3.2, 4, and 4.8 mm) rivet sizes. Minimum order is one each.

CAT. NO. RG110

CRL Hydraulic Rivet Gun

- Develops Up to 3500 Pounds of Pulling Power
- One Hand Operation Gives Access to Tight Areas

The CRL Hydraulic Rivet Gun develops up to 3500 pounds (1587 kg) of rivet pulling power, capable of setting 1/4" (6.3 mm) diameter rivets. Its compact yet lightweight design easily fits in the palm of your hand for hard to reach areas. Ergonomic design eliminates overworking of arms and backs associated with other riveters. Includes four nosepieces for setting rivets of 1/8", 5/32", 3/16", and 1/4" (3.2, 4, 4.8, and 6.3 mm) diameter, plus a 1/4" (6.3 mm) split rivet nosepiece, all in a high impact plastic carrying case. Minimum order is one each.



CAT. NO. RG1105

CRL Air Hydraulic Standard Duty Riveter

- Excellent for Production Work
- Sets Rivet Diameters 1/8", 5/32", and 3/16"
- Lightweight and Easy to Handle

The CRL Air Hydraulic Standard Duty Riveter is designed for use in production applications requiring a pneumatically actuated Rivet Gun. The PHT3 is lightweight and easy to handle, and will set Blind Rivets from 1/8" to 3/16" (3.2 to 4.8 mm) diameter in all alloys. 1/8", 5/32", and 3/16" (3.2, 4, and 4.8 mm) nosepieces and servicing wrenches included. Requires 85 psi for optimum operation. Minimum order is one each.



CAT. NO. PHT3

CRL Rivet-Nut Kit

- Saves You Time, Labor, and Expense
- Can Blind Fasten in Virtually Any Material

Threaded Rivet-Nuts and Rivet Inserts provide a cost-effective method of placing permanent threads in thin materials. Installed from one side, these fasteners are perfect for use in metal, fiberglass, and rigid plastic. The special 39300 CRL Rivet-Nut Setter™ Installation Tool installs vibration-proof, compression fit threaded inserts with a nearly flush head, ready to accept machine bolts and screws in thread sizes from #6-32 to 3/8"-16.

Each Kit contains one 39300 Rivet-Nut Setter™ Tool with mandrels and nosepieces for 6-32, 8-32, 10-24, and 1/4"-20 thread sizes. Also included are 103 assorted Flat Head Rivet-Nuts, Klik® Poly-Nuts, instructions, a Nosepiece Wrench, and a plastic Carrying Case. Tool, Mandrels, Nosepieces, and Fasteners are also available separately (see below). Minimum order is one each.



CAT. NO. M39301

COMPLETE KIT INCLUDES:

1 Each 39300 Rivet-Nut Setter™; 1 each 6-32 Mandrel; 1 each 6-32 Nosepiece; 1 each 8-32 Mandrel; 1 each 8-32 Nosepiece; 1 each 10-24 Mandrel; 1 each 10-24 Nosepiece; 1 each 1/4"-20 Mandrel; 1 each 1/4"-20 Nosepiece; 25 each 6-32 Aluminum Rivet-Nuts; 25 each 8-32 Steel Klik® Poly-Nuts; 25 each 10-24 Steel Rivet Nuts; 20 each 1/4"-20 Aluminum Rivet-Nuts; 8 each 1/4"-20 Steel Poly-Nut; 1 each Nosepiece Wrench; 1 each Plastic Carrying Case.

CRL Rivet-Nut Setter™ RN-1 Tool



CAT. NO. 39300

This quality CRL Rivet-Nut Setter™ RN-1 Tool features a patented fulcrum design and comfortable, vinyl coated, oversize hand grips. This tool installs all fractional and metric sizes of Rivet-Nuts, Klik® Poly-Nuts, and Klik® Thread-Serts into steel, aluminum, fiberglass, and rigid plastic.

The upper handle is made from forged steel; the body is precision cast aluminum alloy; the mandrels and nosepieces are made from hardened steel. This newly redesigned Rivet-Nut Setter™ RN-1 has an adjustable stroke bolt to provide consistent nut and insert compression during installation.

This tool includes three mandrels and four nosepieces, a nosepiece wrench, and comes in a heavy-duty vinyl storage pouch.

- Installs: Rivet-Nuts, Klik® Poly-Nuts, and Thread-Serts
- Includes: Three Mandrels: 8-32, 10-24, and 10-32
- Includes: Four Nosepieces: #6, #8, #10, and 1/4"

CAT. NO.	SIZE	DESCRIPTION
39300		Rivet-Nut Setter™
M39354	6-32	Mandrel for 39300
M39355	8-32	Replacement Mandrel for 39300
M39356	10-24	Replacement Mandrel for 39300
M39357	10-32	Replacement Mandrel for 39300
M39358	1/4"-20	Mandrel for 39300
M39359	5/16"-18	Mandrel for 39300
M39360	3/8"-16	Mandrel for 39300
M39361	6-32	Replacement Nosepiece for 39300
M39362	8-32	Replacement Nosepiece for 39300
M39363	10-24 & 10-32	Replacement Nosepiece for 39300
M39379	1/4"-20	Replacement Nosepiece for 39300

Minimum order: 1 each. Replacement pieces are not compatible with all older models. Please contact a CRL sales assistant.

CRL Aluminum Threaded Klik® Poly-Nuts

- Provide Permanent Threads in Thin Material Down to .010" or .020" (.25 or .51 mm)

CRL Aluminum Threaded Klik® Poly-Nuts are designed to provide a very efficient and cost-effective method of placing permanent threads in materials as thin as .010" or .020" (.25 or .51 mm). Perfect for use in metal, fiberglass, and rigid plastic previously too thin for tapped threads. Provide a vibration-proof, nearly flush installation with an excellent fit to application materials. Accept machine bolts and screws in thread sizes from 6-32 to 3/8"-16. Installation is made easy with the Cat. No. 39300 Rivet-Nut Setter™ Installation Tool.



CAT. NO.	SIZE	QTY/PKG
131VB	6-32	100
132VB	8-32	100
133VB	10-32	100
134VB	10-24	100
135VB	1/4"-20	50
322VB	5/16"-18	25
323VB	3/8"-16	25

Minimum order: 1 pack.

Klik is a registered trademark of Huck Patents, Inc.

CRL Aluminum Klik® Thread-Serts

- Unlimited Grip Range From 3/32" (2.4 mm) and Up

CRL Aluminum Klik® Thread-Serts can be used with sheet metal, plastic, castings, fiberglass or rigid material. One size fits all grip ranges from 3/32" (2.4 mm) to infinity. No special preparation is needed. A drilled or punched hole is all that is required. The threaded, mechanical hold prevents the fastener from twisting, vibrating loose or falling out. Thread-Serts install almost flush with the application surface. Installation is made easy with Cat. No. 39300 Rivet-Nut Setter™.



CAT. NO.	SIZE	QTY/PKG
136VB	6-32	100
137VB	8-32	100
138VB	10-32	100
139VB	10-24	100
140VB	1/4"-20	50
141VB	5/16"-18	25
142VB	3/8"-16	25

Minimum order: 1 pack.

CRL A-T Series Steel Insert Fasteners

- Blind Installation (Installs From One Side of Work) for Light to Medium Duty Fastening
- The Unique Method of Installing Load Threads in Virtually Any Material: Aluminum, Magnesium, Steel, Cast Iron, Plastics, Fiberglass, or Hardboard
- Reduces Inventory Because One Insert Works in Any Thickness Above .030" (.76 mm)
- Vibration Proof



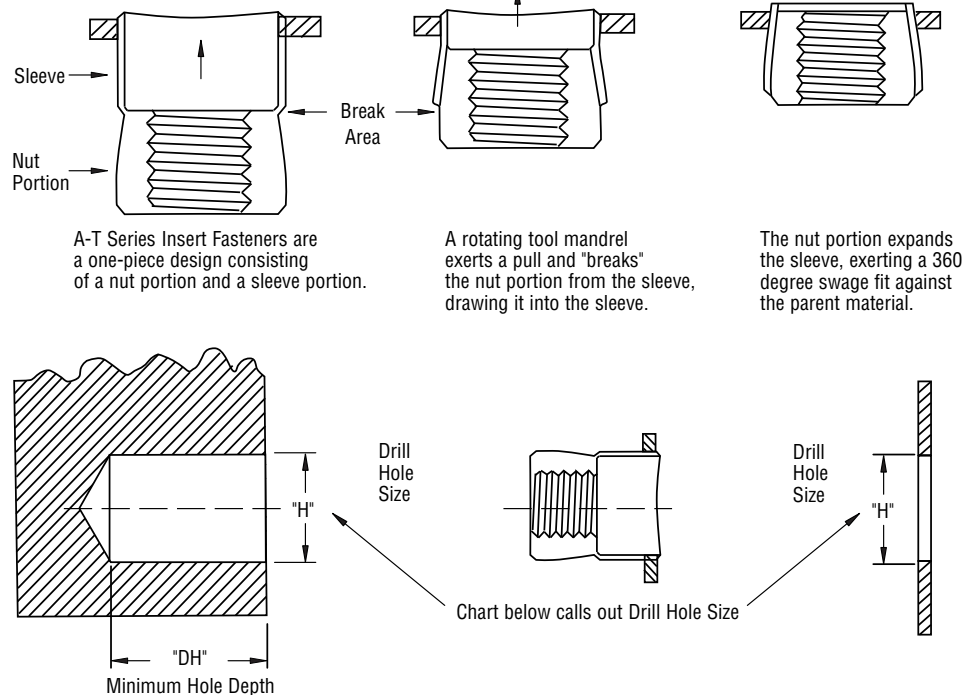
A-T Series Steel Insert Fastener installed in Square Tubing



A-T Series Steel Insert Fastener Installation

Features:

- Wear resistant threads due to unique mechanical properties of installation
- No special skills are required – installation can be learned in minutes
- Ideal for high-speed production. Can be installed at rates up to 500 pieces per hour
- Steel Insert Fasteners self-tighten with repeated use
- Use in standard drilled or punched holes
- No deburring necessary
- Can be installed at any point of the assembly operation with portable tools
- Can be installed after painting or plating
- Metric and other sizes, aluminum, brass or stainless steel available on special order



CRL A-T Series Steel Insert Fasteners can be used in light and medium duty fastening applications. They can be installed into thinner materials with greater ease than can be accomplished with weld nuts, pierce nuts, clinch nuts, thread tapping, and thread forming screws. They are "non-grip sensitive", one Steel Insert Fastener part number per thread size accommodates any grip over .030" (.76 mm), eliminating the need for various grip ranges.

The unique feature of CRL A-T Series Steel Insert Fasteners is the axial knurl under the flange of the insert. The expansion of the sleeve causes the knurl to bite into the parent material, providing greater torque resistance. Use CRL A-T Series Steel Insert Fasteners to improve your product and speed up production. They're ideal for high-speed installations, as well as low volume applications using manual tools.

CAT. NO.	THREAD SIZE	QTY/BOX	"DH" MIN. HOLE DEPTH	"H" - MATCH METAL THICKNESS BELOW AND USE DRILL SIZE LISTED			
				.030-.090	.091-.124	.125-.186	.187-OVER
ATS2440	#4 (.112) – 40	100	.390" (10 mm)	3/16"	#10	#10	#9
ATS2632	#6 (.138) – 32	100	.390" (10 mm)	7/32"	#2	#1	#1
ATS2832	#8 (.164) – 32	100	.390" (10 mm)	1/4"	1/4"	17/64"	17/64"
ATS21032	#10 (.190) – 32	100	.390" (10 mm)	9/32"	19/64"	19/64"	19/64"
ATS2420	1/4" (.250) – 20	100	.535" (13.6 mm)	3/8"	3/8"	25/64"	25/64"
ATS2518	5/16" (.312) – 18	100	.635" (16.2 mm)	1/2"	1/2"	33/64"	33/64"

Minimum order: 100 each. Sizes can be combined for quantity pricing.

CRL A-T Series Master Assortment Kit

- A Complete Kit With Six Sizes of Steel Insert Fasteners, Deluxe Hi-Torquer Hand Tool, and Adapter Heads

Use the CRL A-T Series Master Assortment Kit to install load bearing threads in virtually any material. It is ideal for production and maintenance repair applications.

The Kit contains: one AA112 A-T Series Deluxe Hi-Torquer Hand Tool, 50 each of six different sizes of A-T Series Steel Insert Fasteners, and one Conversion Kit for each thread size with complete installation instructions.

All of this comes in a rugged polyethylene case ready for use under the harshest of conditions, in the plant or in the field.



COMPLETE KIT INCLUDES:

50 each of these A-T Series Steel Insert Fasteners:

ATS2440 #4-40
ATS2632 #6-32
ATS2832 #8-32
ATS21032 #10-32
ATS2420 1/4"-20
ATS2518 5/16"-18

One of each of these A-T Series Conversion Adapters:

AAT202440 #4-40
AAT202632 #6-32
AAT202832 #8-32
AAT2021032 #10-32
AAT202420 1/4"-20
AAT202518 5/16"-18

One AA112 Hi-Torquer Hand Tool.

CAT. NO.	DESCRIPTION
AA1312A	A-T Series Master Assortment Kit

Minimum order: 1 each.

CRL A-T Series Deluxe Hi-Torquer Hand Tool

- Can be Used to Set All Sizes of A-T Series Steel Insert Fasteners

The CRL A-T Series Deluxe Hi-Torquer Hand Tool is used to set all sizes of A-T Series Steel Insert Fasteners simply by using the appropriate Adapter to change from one thread size to another.

The Tool features a patented Quick Change thread size nose assembly. There is a recess to accept a 1/4" (6.3 mm) socket drive. **NOTE:** Be sure to order an Adapter Kit (see below) for each Insert Fastener size you plan to use.

INSTALLATION:

- Thread insert fully onto mandrel.
- Place into hole.
- Hold grip bar while turning the "T" handle clockwise until insert is installed.
- Turn "T" handle counter-clockwise to remove from insert.



CAT. NO.	DESCRIPTION
AA112	A-T Series Deluxe Hand Tool

Minimum order: 1 each.

CRL A-T Series Adapters for Hand Tool

- Order One for Each Steel Insert Fastener Size You Use

Use these CRL A-T Series Adapters to set all sizes of A-T Series Steel Insert Fasteners with the Cat. No. AA112 A-T Series Hand Tool. They feature quick and easy conversions from one thread size to another.

CAT. NO.	FITS THREAD SIZE
AAT202440	#4-40
AAT202632	#6-32
AAT202832	#8-32
AAT2021032	#10-32
AAT202420	1/4"-20
AAT202518	5/16"-18

Minimum order: 1 each.



Hand Tool
sold separately
(see above)

CRL 18-Volt Cordless Variable Speed Impact Driver/Drill Kit

- **Reversible With Two Speed Ranges: 0 to 500, and 0 to 1150 RPM**

The CRL 18-Volt Cordless Variable Speed Impact Driver/Drill is a lot of tool for a very conservative price. Put a drill bit or the included double-headed screwdriver bit into the keyless 3/8" (9.5 mm) chuck and pull the trigger for drilling/driving in two speed ranges: 0 to 500 RPM, and 0 to 1150 RPM. Twist the collar and you have an impact drill with an impact frequency of 6400 or 18000 strokes per minute.



CRL 12-Volt Cordless Lithium-Ion Screwdriver Kit

- **12 Volt Fast Charge Lithium-Ion Power**
- **23 Torque Settings Plus Non-Slip Drill Preset**
- **LED Work Light**



new

The CRL 12 Volt Cordless Screwdriver incorporates the latest technology in Lithium-Ion fast charge power. This professional grade power tool is a variable speed screwdriver capable of speeds up to 500 RPM, and features an adjustable torque setting with 23 presets. A bright LED work light illuminates the work area when the trigger is depressed, and the Lithium-Ion battery packs feature a lighted visual charge gauge so you always know where you stand on reserve power.

CAT. NO.	DESCRIPTION
LD147	18-Volt Cordless Impact/Driver Kit
LD147B	18-Volt Battery Cartridge for LD147
LD147C	Charger for LD147B 18-Volt Battery
LD147AU	18-Volt Cordless Impact/Driver Kit w/AU Plug
LD147C240V	240-Volt Charger for LD147B Battery w/AU Plug
LD147EU	18-Volt Cordless Impact/Driver Kit w/EU Plug
LD147C220V	220-Volt Charger for LD147B Battery w/EU Plug

Kit Includes: Driver/Drill, Battery, Charger, Six Drill Bits, Magnetic Bit Holder, plus Molded Carrying Case. Minimum order: 1 each.

CAT. NO.	DESCRIPTION
LD823	12-Volt Cordless Impact/Driver Kit
LD823B	12-Volt Battery Cartridge for LD823
LD823C	Charger for LD823 12-Volt Battery
LD823AU	12-Volt Cordless Impact/Driver Kit w/AU Plug
LD823CAU	240-Volt Charger/Adapter w/AU Plug
LD823EU	12-Volt Cordless Impact/Driver Kit w/EU Plug
LD823CEU	220-Volt Charger/Adapter w/EU Plug

Kit Includes: Cordless Screwdriver, Two Batteries, 1-Hour Fast Charger, Molded Carrying Case and instructions. Minimum order: 1 each.

CRL 3/8" Electric Drill Kit

- **Keyless Chuck**
- **0 to 3000 RPM Variable Speed for Greater Control**
- **Molded Convenient Belt Clip**

The CRL 3/8" Electric Drill has a powerful variable speed 0 to 3000 RPM motor for greater control. Perfect for drilling wood, sheet metal, and even driving screws. Lightweight and balanced for easy handling. Comes with a reversible motor switch as well as a large recessed "lock-on" button. All ball and needle bearing construction for long life.



CRL Jig Saw With LED Laser Light

- **Powerful Variable Speed Motor**
- **Adjustable Cutting Modes**
- **LED or Laser Target Light**

new

The CRL LD192 Jig Saw is packed with features to satisfy even the most demanding craftsman. This powerful double insulated tool provides a built-in LED light source to illuminate the work surface. At the flip of a switch you can change the LED light to a solid laser target line to assist in following your cut line. The motor is variable speed ranging from 500 to 3000 strokes per minute. A dust blower switch can be set to blow dust away from cutting path to keep cutting line visible. Quick change blade clamp accepts all T-shank jig saw blades.



CAT. NO.	DESCRIPTION
LD138	110V 3/8" Drill
LD138AU	240V 3/8" Drill w/AU Plug

Minimum order: 1 each.

CAT. NO.	DESCRIPTION
LD192	110V Jig Saw
LD192AU	240V Jig Saw w/AU Plug

Minimum order: 1 each.

CRL 1/2" x 18" Detail Sander

- Ideal for Intricate Finishing Work
- Includes Three Separate Belt Guide Arms



The CRL Detail Sander is the ideal Sander for getting into small or intricate areas for finishing detail work. The added bonus of this unique tool is the inclusion of two additional belt guide arms: One angled tip arm for the 1/2" x 18" belts that run belts with a 45 degree sanding surface, and a mini belt guide arm that uses 5/16" x 18" (8 x 457 mm) abrasive belts for really intricate sanding jobs.

CAT. NO.	DESCRIPTION
LD1218	110V Detail Sander
LD1218AU	240V Detail Sander w/AU Plug
LD1218EU	220V Detail Sander w/EU Plug

Minimum order: 1 each.

CRL 1-1/8" x 21" Belt Sander

- Portable Sander for Sanding Notches and Cut-Outs



The CRL 1-1/8" x 21" (28.6 x 533 mm) Belt Sander's design is compact and lightweight for close quarter work. Sands irregular openings or shapes. The powerful motor drives the belt from 656 to 3,280 feet (200 to 1,000 meters) per minute for maximum performance. Multi-position side handle for maneuverability and less operator fatigue.

CAT. NO.	DESCRIPTION
LD118	110V Belt Sander
LD118AU	240V Belt Sander w/AU Plug
LD118EU	220V Belt Sander w/EU Plug

Minimum order: 1 each.

CRL 3" x 18" Belt Sander

- Compact, Ergonomic Design
- Includes Dust Bag



CRL's 3" x 18" (76 x 457 mm) Belt Sander is powered by a strong motor which drives the belt at 390 to 920 fpm (118 to 280 mpm). Features include an efficient dust collection system, a belt tracking system, lock-on switch for continuous use, and external brush caps for easy brush changes.

CAT. NO.	DESCRIPTION
LD318	110V Belt Sander
LD318AU	240V Belt Sander w/AU Plug
LD318EU	220V Belt Sander w/EU Plug

Minimum order: 1 each.

CRL 3" x 21" Belt Sander

- Sands Cleanly With Dust Collector
- Lever Control for Quick Belt Replacement
- Double Insulated



This highly portable 3" x 21" (76 x 533 mm) CRL Belt Sander with dust bag is lightweight and easy to maneuver. Powerful motor for fast and even belt tracking, efficient dust collector, lock-on switch, extra long power cord, and flush-to-wall standard design.

CAT. NO.	DESCRIPTION
LD321	110V Belt Sander
LD321AU	240V Belt Sander w/AU Plug
LD321EU	220V Belt Sander w/EU Plug

Minimum order: 1 each.

CRL 3" x 24" Belt Sander

- Powerful Motor
- Professional Quality Power Tool
- Double Insulated
- Includes Dust Bag



The CRL LD324 Belt Sander powers our most common abrasive belt: 3" x 24" (76 x 610 mm). This heavy-duty power sander comes with a dust bag and is ruggedly built to provide years of service. Belt tensioning lever and belt centering adjustment screw are simple to use and easily accessible.

CAT. NO.	DESCRIPTION
LD324	110V Belt Sander

Minimum order: 1 each.

CRL 5" Disc Sander

- Powerful Motor
- 5000 RPM for Fast and Efficient Sanding
- Lightweight



This CRL 5" (127 mm) Disc Sander-Polisher is a compact, lightweight tool for sanding and polishing. It has a powerful, double-insulated motor that delivers 5,000 RPM for fast and efficient sanding. Weighs only 2.6 lbs. (1.2 kg) for easy handling, with a motor over the pad design for better balance and control. Includes abrasive disc, plastic pad, and side handle.

CAT. NO.	DESCRIPTION
LD903	110V Disc Sander
LD903AU	240V Disc Sander w/AU Plug

Minimum order: 1 each.

For the complete selection of CRL Abrasive Belts and Discs, go to crlaurence.com

CRL Professional Touch-Up Paint



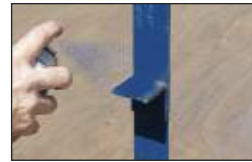
Aluminum Windows

Railings

Posts



- Formulated to Match the Most Popular RAL®, TIGER Drylac®, and DuPont® Finishes

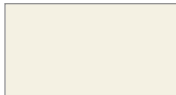


CRL Professional Touch-Up Paint is ideally suited for the repair of minor chips and scratches. Formulated to match RAL®, TIGER Drylac®, and DuPont® finishes, these acrylic enamel paints come in 12 ounce (340 g) cans that are packed 12 per case. 28 different colors can be combined for quantity pricing. Minimum order is one can.

PLEASE NOTE: Color deposits shown here are approximate.



RAL-9010
Pure White
CAT. NO.
RAL9010



RAL-1013
Oyster White
CAT. NO.
RAL1013



RAL-9016
Traffic White
CAT. NO.
RAL9016



RAL-9003
Signal White
CAT. NO.
RAL9003



DuPont
PFW-510S9
Sky White
CAT. NO.
D510



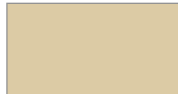
Tiger Drylac
249/11111
Bengal White
CAT. NO.
T249



DuPont
PFB-401-S6
Vulcan Black
CAT. NO.
D401



RAL-1015
Light Ivory
CAT. NO.
RAL1015



RAL-1001
Beige
CAT. NO.
RAL1001



RAL-9001
Cream
CAT. NO.
RAL9001



RAL-8017
Chocolate Brown
CAT. NO.
RAL8017



DuPont PFJ-407-A5
Statuary Bronze
CAT. NO.
D407



RAL-7006
Beige Gray
CAT. NO.
RAL7006



RAL-7035
Light Gray
CAT. NO.
RAL7035



RAL-7032
Pebble Gray
CAT. NO.
RAL7032



RAL-7040
Window Gray
CAT. NO.
RAL7040



RAL-5002
Ultramarine Blue
CAT. NO.
RAL5002



RAL-5005
Signal Blue
CAT. NO.
RAL5005



RAL-6005
Moss Green
CAT. NO.
RAL6005



RAL-6021
Pale Green
CAT. NO.
RAL6021



Sky White
CAT. NO.
SP8W*



Oyster White
CAT. NO.
SP8OW*



Agate Gray
CAT. NO.
SP8AGY*



Beige Gray
CAT. NO.
SP8BGY*



Matte Black
CAT. NO.
SP8BL*



Matte Bronze
CAT. NO.
SP8BRZ*



Forest Green
CAT. NO.
SP8GRN*

*These colors match the finishes of our Aluminum Railing System.

RAL is a registered trademark of RAL Deutsches Institut für Gütesicherung und Kennzeichnung e.V.

TIGER Drylac is a registered trademark of TIGER Drylac U.S.A., Inc.

DuPont is a registered trademark of E.I. du Pont de Nemours and Company or its affiliates.

CRL Match-Up Paint

- Available in Aerosol or Quart Containers
- Used to Match-Up or to Cover Defects on Aluminum Finishes
- Colors to Match Most Popular Finishes

Use CRL Match-Up Paint to touch up scratches or defects in duranodic or anodized aluminum finishes. Although it is not intended to replace those hard anodic architectural finishes, it is designed to correct or cover up coloring defects, scratches, or bare metal ends.

CRL Match-Up Paint can be applied at the job site, thus eliminating the need for costly dismantling and reassembling of the affected parts. The paint is highly durable, and will not crack, peel or discolor with age. Aerosol can is pre-filtered to prevent clogging in the spray nozzle. Quart size containers can be applied by brush, dauber or powered sprayers.



Colors shown are approximate



12 Oz. (340g) Aerosol Cans

32 fl oz (946 ml) Quart Containers



12 OZ. (340 G) AEROSOL CANS

CAT. NO.	COLOR	QTY/CASE
L4527	Aluminum	12
L6515	Medium Bronze	12
L4485	Dark Bronze	12
L5800	Black/Bronze	12
L3900	Black	12
3368521	*Medium Bronze	12
3368528	*California Black/Bronze	12
3368527	**Florida MB-40 Medium Bronze	12
3368533	**Architectural Black	12
3368538	**Antique Bronze	12

Minimum order: 1 each. Colors can be combined for quantity pricing.

* Former Somaca AlumaColor Finishes for Anodized Aluminum

** Former Somaca AlumaColor Finishes for Coated Aluminum

32 FL OZ (946 ML) QUART CONTAINERS

CAT. NO.	COLOR	QTY/CASE
L4527QT	Aluminum	6
L6515QT	Bronze	6
L4485QT	Dark Bronze	6
L5800QT	Black/Bronze	6
L3900QT	Black	6

Minimum order: 1 quart. Colors can be combined for quantity pricing.

CRL Touch-Up Markers



- High Gloss Paint
- Covers Up Scratches
- Great for Covering Screw Heads

CRL Touch-Up Markers will cover scratches on metal beautifully, and can be a real time saver to the glazier. They replace paint brushes or standard black felt tip markers better because they are actual high gloss paint. Positive-seal cap prevents the Markers from drying out.

CAT. NO.	COLOR
TUM8	Medium Bronze
TUM9	Black

Minimum order: 1 each. Colors can be combined for quantity pricing.



CRL Throw-Away Brushes

- Good Quality Brushes for Painting Trim
- Tapered Bristles

These economical Throw-Away Brushes are made with bristles that taper to a flagged point. They carry a heavy load of material and spread it evenly and efficiently. **NOTE:** Not available in Australia.

CAT. NO.	WIDTH	QTY/CASE
LAB2256	1" (25 mm)	36
LAB2258	2" (51 mm)	36
LAB2260	3" (76 mm)	12
LAB2261	4" (102 mm)	12

Minimum order: 1 each. Brushes can be combined for quantity pricing.



CRL and Sprayway, an Alliance of Two Industry Leaders Bringing You the Best in Glass Cleaners

- CRL is Sprayway's Master Distributor to the Glass Industry
- CRL's Glass Cleaners are Manufactured Exclusively for Distribution Through the Glass Industry
- All Glass Cleaners Come in Cases of Twelve Big 19 Ounce (539 g) Cans



All Are Also Available With Your Logo or Private Label (See Below)



NEW Comfort-Use Finger Pad Nozzle for S50, 1973, and 2000 Glass Cleaners



Four Powerful Glass Cleaners to Fit Every Need



CAT. NO. S50

- Ammonia-Free
- Spray and Wipe Clean
- Fast Evaporation

CRL S50 is Sprayway's leading glass cleaner, and has the CRL logo on the same 19 ounce can that you are familiar with. It has a fast evaporation rate, which keeps it from leaving a film and adversely interacting with other materials. Minimum order is one case.



CAT. NO. 1973

- A Long Time Favorite of the Glass Industry
- Low-Ammoniated
- Pleasant Aroma

CRL 1973 Glass Cleaner, a long time favorite of CRL customers, is a low-ammoniated glass cleaner packaged in a new, easier-to-handle 19 ounce can. The same effective cleaning agents and pleasant aroma remain, with the added feature of Sprayway's logo. Minimum order is one case.



CAT. NO. 3371100

- Industrial Strength Cleaner
- Won't Leave Streaks, Blurs or Rainbows

CRL Hi-SHEEN® Glass Cleaner has been faithfully cleaning commercial and residential glass since 1970. It's dependable, no-nonsense aerosol formula is the reason, year after year, Hi-SHEEN® is always a popular product! Minimum order is one case.



CAT. NO. CRL18X

- Our Best All Purpose Glass Cleaner for Around the House
- Extra Strong Ammonia-Free Formula for Really Tough Cleaning Jobs

Use extra strong, ammonia-free CRL18X Cleaner on glass, mirror, porcelain, enamel surfaces, ceramic tile, aluminum, brass, and chrome. Excellent for really tough cleaning problems around the house or on the job site. Large 19 ounce cans include the CRL and Sprayway names known throughout the industry for quality cleaning performance. Minimum order is one case.

CRL Logo Label and Private Label Aerosols

- You Can Now Get Any of the CRL-Sprayway Glass Cleaners and Other Quality Aerosol Products With Your Company's Name and Logo Right on the Can
- A Minimum 40 Case Order is All it Takes to Get Started



CRL Logo Label Program

- 40 Case Minimum Order (12 Cans Per Case)
- Choose from Many of Our Most Popular Formulations, Including S50, 1973, and Hi-SHEEN® Glass Cleaners
- Freight Paid to Any Location in the Continental U.S.



The CRL Logo Label Program uses our label templates with designated areas for your company's name or logo, address, and product name. Packaged in one to four color UV coated labeled cans and shipped in white custom stenciled boxes. We can manufacture and ship your first order in approximately four weeks from the date your input is received at the packaging plant. Call CRL Customer Service at (800) 421-6144 for details and pricing for this unique service.

CRL Private Label Program

- 60 Case Minimum Order (12 Cans Per Case)
- Choose from Many of Our Fine Formulations, Including S50, 1973, and Hi-SHEEN® Glass Cleaners
- Freight Paid to Any Location in the Continental U.S.



CRL's Private Label Program lets you choose from one to four color UV coated labeled cans that ship in white custom stenciled boxes. Design your labels within our guidelines for that custom look. Your aerosols will ship to you in oyster white custom stenciled boxes. First orders take approximately six weeks, and re-orders can ship within 10 to 15 business days.

CRL Mirror and Glass Cleaner

- Non-Streaking, Environmentally Safe Formula
- Contains No Ammonia or Vinegar



5 Gallons (18.9 l)



CRL Mirror and Glass Cleaner is an all-purpose cleaner that contains no ammonia or vinegar to harm mirror backing. Non-streaking, environmentally safe formula. Sold in a five gallon boxed container with an easy-pour spout included. Minimum order is one each.

CAT. NO. 3377000



CRL Concentrate Glass Cleaner

- One Gallon Concentrate Makes 10 Gallons of Strong Cleaning Fluid
- Leaves No Film, Wipes Clean With No Rinsing
- Ammoniated for Strength



The most popular Glass Cleaner for in-shop and on-the-job use. It's easy to use and leaves no film or smears on glass. 695 will not harm paint. It's easy to mix - one gallon makes ten gallons of strong, safe cleaning fluid. Use it with less water for those extra tough cleaning jobs. 695 is also available in 55 gallon (208 liter) drums for industrial users.

CAT. NO.	CONTENTS	QTY/CASE
695	1 Gallon (3.785 l) Bottle	4
69555GL	55 Gallon (208 l) Drum	1

Minimum order: 1 each.

CRL Plastic Spray Dispenser Bottles

- Ideal for Use With Our Concentrate or Ready-Mix Glass Cleaners
- Available in Two Sizes

Easy trigger operation sprays a large, fine mist pattern for best coverage of glass area. Valve and intake strainer are easily cleaned. These dispensers replace and outlast expensive, high pressure aerosol containers.



CAT. NO.	SIZE
DB21	16 Fl. Oz. (473 ml)
3371032	32 Fl. Oz. (946 ml)

Minimum order: 1 each.

CRL Ready-Mix Glass Cleaner

- Ready-Mixed Bulk Liquid
- Available in Private Label for Your Resale



Our professional strength Bulk Glass Cleaner is also available in these ready-mixed gallons for bulk filling of your spray dispensers. It's precisely formulated to give great glass cleaning results without the effort of mixing it yourself. Also available for resale in containers with your private label.



CAT. NO.	CONTENTS	QTY/CASE
895GL	1 Gallon (3.785 l) Bottle	4

Minimum order: 1 case.

CRL Bio-Clean Water Stain Remover

- Effectively Removes Water and Mineral Stains, Rust, Tree Sap, Paint Overspray, Soap Scum, and Mildew From Glass and Other Surfaces
- Works Great On: Shower Doors, Windows, Glass Surfaces, Tile, Fiberglass, Windshields, Chrome, Porcelain, Corian®, Anodized Brass and Aluminum, Stainless Steel, and Hard Vinyl

CRL Bio-Clean is a professional strength cleaner recommended by both glazing contractors and professional window cleaning companies. It is successfully used in hospitals, nursing homes, manufacturing plants, hotels, supermarkets, and other public facilities with difficult to clean surfaces. **NOTE:** Do not use on surfaces that can be harmed by the use of a mild abrasive.

Apply CRL Bio-Clean directly onto surface or on a cloth, sponge, brush or electric buffer. Press firmly to loosen stain with a rubbing action, and then just rinse with water until residue free. Dry with cloth or paper towel. It can be reapplied as needed until surface is sparkling clean. On severely stained shower doors use a non-scratch pad. On tile and porcelain use a Cat. No. SB7447F Scotch Brite Pad.



CAT. NO. WSR1
16 Fl. Oz. (473 ml)

CAT. NO.	CONTENTS	QTY/CASE
WSR1	16 Fl. Oz. (473 ml)	12
WSR1P	5 Pouches	1

Minimum order: 1 each of WSR1 and 1 pack of WSR1P.



• Removes Stage One Corrosion Quickly

Stage One Corrosion is defined as glass with light corrosion, and little or no damage to the glass. Stage Two Corrosion occurs when the deposits are no longer on the surface of the glass, but have started to break down the molecular structure of the glass, leaving an etched or white haze on the glass after the stain has been removed. CRL Bio-Clean Water Stain Remover will not repair glass with Stage Two Corrosion.

CRL Bio-Clean Water Stain Remover Pouches

• Five Sample Pouches Per Pack

CRL Bio-Clean Water Stain Remover Pouches keep your customers coming back. Leave one or two pouches with your customer after each beautiful frameless shower door installation. Once they see how well CRL Bio-Clean removes soap scum and water stains, they will be ordering 16 fluid ounce (473 ml) bottles from you. Works well in combination with CRL TPC16 Surface Protector (see page 908W).



CAT. NO. WSR1P

CRL A-Maz Water Stain Remover

- Removes the Toughest Stains
- Contains No Acids, Bleach, or Chlorides
- Includes Nylon Scrub Pad

CRL A-Maz Water Stain Remover removes the toughest stains on glass, chrome, porcelain, fiberglass, metal, tile - water stains, mineral deposits, and sealant stains. It can also be used on all types of bathroom surfaces to remove lime scale, oxidation, and soap scum. A nylon pad is provided with product. Pad measures approximately 6" x 3-1/2" x 1" (152 x 89 x 25 mm) Net Weight: 14 oz. (396 grams). Minimum order is one each. **NOTE:** Do not use on surfaces that can be harmed by the use of a mild abrasive.



CAT. NO. 3379520
14 Fl. Oz. (396 g)

CRL Water Spot Remover

- Solves the Problem of Water Spotting From Sprinklers, Hard Water Sources, and Exposure to Acid Rain
- Removes Alkaline Residue, Chemical and Mineral Deposits From Uncoated Clear and Float Glass Surfaces (Typical Stage One Corrosion)

CRL Water Spot Remover is specifically formulated for use by professional window cleaning contractors and glazing professionals. It is designed to remove any residue left on glass which may alter the optical clarity, and cannot be cleaned using standard methods. CRL Water Spot Remover will make clear again glass that has turned hazy due to caustic and corrosive air pollution, acid rain, auto exhaust, hard water deposits, corrosive cleaning materials, dust and dirt residues. It works by dissolving mineral deposits from the surface of the glass, and prevents their redeposit later. Because CRL Water Spot Remover is an acid-based product, it has the ability to dissolve deposits found in the rough pits and ridges of the glass surface, leaving it looking almost like new.

Stage One Corrosion is defined as glass with light corrosion, and little or no damage to the glass. Stage Two Corrosion occurs when the deposits are no longer on the surface of the glass, but have started to break down the molecular structure of the glass, leaving an etched or white haze on the glass after the stain has been removed. CRL Water Spot Remover will not repair glass with Stage Two Corrosion.

CAT. NO.	CONTENTS	QTY/CASE
C2020	1 Gallon (3.785 l)	4
C2030	1 Quart (946 ml)	12

Minimum order: 1 each.



This product is for use only by glazing professionals. It is not intended or recommended for consumer use, for use on automotive glass, or for use on the coated sides of chemically-treated glass. Protective gloves and glasses are recommended when using CRL Water Spot Remover.

CRL "Sparkle" Cleaner and Stain Remover

- Cleans Light Water Stains From Glass
- Removes Soap Scum From Shower Doors
- A Longtime Favorite

CRL "Sparkle" Cleaner does those glass cleaning jobs too tough for spray-on cleaners. It removes light water spots and stains in glass caused by weather, sea air, or pollution; also removes soap scum from shower doors and ceramic tile. Wipe on with a damp cloth or paper towel, rub stained areas, then wipe off.

CAT. NO.	CONTENTS	QTY/CASE
SP101	8 Fl. Oz. (236 ml)	12

Minimum order: 1 each.



8 Fl. Oz. (236 ml)



CRL Superior Squeegees

- **Dual 10" Wide Blades Wipe Water Spots From Enclosure Doors and Walls**



CRL Superior Squeegees have decorative chrome end caps on white or black wiping blades and handles. This upscale combination of function and design makes it easy to wipe water spots from shower doors, tile and marble surfaces. Dual 10" (254 mm) blades are held in an 8" (203 mm) handle.

CAT. NO.	HANDLE COLOR	CAP COLOR
SQBC1	Black	Chrome
SQWC1	White	Chrome

Minimum order: 1 each. Squeegees can be combined for quantity pricing.

CRL Deluxe Shower Squeegee

- **Suction Hook Holder Requires No Drilling**
- **Chrome Handle With Gray Blade**



CAT. NO. 17600
10" (254 mm)

CAT. NO. RB17600
Replacement Blade

CRL's Deluxe Shower Squeegee has a chrome plated, zinc diecast handle that is rust and tarnish free. The polished stainless steel blade holder secures a 10" (254 mm) wide gray colored blade that effectively removes water spots and soap film from all types of bathroom surfaces. The blade is reversible to extend its service life. The Squeegee hangs on an attractively designed vacuum cup hook that installs easily without drilling into the shower wall. Minimum order is one each.

CRL Crystal Clear Squeegee

- **Crystal Clear Appearance Blends Beautifully With Glass**
- **Includes Strong Suction Cup Holder for Handy Storage**



CAT. NO. CCS1

The New Crystal Clear Squeegee can be used after each shower to quickly wipe the glass to a spot-free finish, assisting in preventing mildew. The stylish, ergonomically designed handle is made of durable acrylic, and the stainless steel blade holder has a 10" (254 mm) rubber blade. The Crystal Clear Squeegee will be rust and tarnish free, and comes with a strong suction cup holder for convenient storage. Minimum order is one each.

CRL Rubber Squeegees

- **Thick Rubber Blade**
- **Sturdy Steel Handle**



CAT. NO. SP408
8" (203 mm)

CAT. NO. SP412
12" (305 mm)

These heavy-duty CRL Squeegees have a thick rubber blade and steel handle. Available in 8" and 12" (203 and 305 mm) widths, these Squeegees will wipe away a lot of window cleaning solution quickly. Minimum order is one each.

CRL Vacuum Squeegee

- **Dripless, Streakfree Surface Clean-Up**
- **Rechargeable Power**
- **Save on Wipes and Towels**



The CRL Vacuum Squeegee can be used on windows, shower enclosures, shower tile, counter tops, or any other smooth and flat vertical or horizontal surface. The Squeegee's rechargeable battery provides 20 minutes of service per charge, and its clear reservoir lets you keep track of the amount of liquid previously vacuumed.

CAT. NO.	DESCRIPTION
VS20	110V Vacuum Squeegee
EUVS20	240V Vacuum Squeegee

Minimum order: 1 each.

CRL Wash Brush, Felt Hand Block, and Sponges

- **High Quality and Long Lasting Glass Cleaning Tools**



CAT. NO. 175B
Wash Brush



CAT. NO. 1620
Natural Organic Sponge



CAT. NO. 633
Felt Hand Block



CAT. NO. 16A
Synthetic Cellulose Sponge

CRL Aerosol Plastic Cleaner

- Anti-Static, Anti-Fog, Non-Streaking Formula
- Fast Drying and Economical to Use



CRL Aerosol Plastic Cleaner is an anti-static, anti-fog, non-streaking formula that is fast drying and economical to use. Apply it to a variety of plastic materials: acrylic, Plexiglas, polycarbonates, and safety glazing panels. CRL848 wipes away without streaking, and leaves a sparkling clean surface. This large 19 ounce aerosol will clean a lot of plastic.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL848	19 Oz. (539 g)	12

Minimum order: 1 each.



CRL Plastic Cleaner and Polish

- Contains No Abrasives
- Non-Static/Non-Glare
- Great for Removing Tiny Scratches



Developed especially for the glass industry, CRL Plastic Cleaner and Polish cleans and polishes virtually everything made of plastic. It's great for removing tiny scratches from acrylic windows in boats, campers, RV's, airplanes, or any other vehicle. It can polish the plastic on boat surfaces, seat covers, shower doors, Formica tops, etc. Handy and attractive squeeze bottles make it easy to carry, easy to apply, and a fast mover in over-the-counter sales.

CAT. NO.	CONTENTS	QTY/CASE
CRL10	8 Fl. Oz. (236 ml)	12

Minimum order: 1 each.



- Two Easy to Use Formulas With Excellent Cleaning Results
- Can Be Used on Virtually All Plastics

CRL Novus® Plastic Polishes

- No. 2 for Fine Scratches
- No. 3 for Heavy Scratches



CRL offers two Novus® Plastic Polishes in convenient eight fluid ounce bottles. CRL Novus No. 2 removes fine scratches, haziness, and abrasion from most plastic surfaces. It is not just a surface cover up, but will restore and protect. CRL Novus No. 3 removes heavy scratches and abrasions from most acrylic surfaces. Both polishes contain a light abrasive and are not for use on eyeglasses, polycarbonates, or coated plastics. Novus No. 2 should be used as a follow-up to Novus No. 3 for best results.

CAT. NO.	DESCRIPTION	CONTENTS
PN7030	Novus® Polish No. 2 (Fine)	8 Fl. Oz. (237 ml)
PN7080	Novus® Polish No. 3 (Heavy)	8 Fl. Oz. (237 ml)

Minimum order: 1 each.

Novus is a registered trademark of Novus, Inc.



CRL Mirror Cleaner and Polish

- Makes Mirrors and Glass Sparkle
- Strong Foaming Action
- Ammonia-Free Formula Won't Harm Mirrors



CRL Mirror Cleaner and Polish is formulated especially for cleaning mirrors. It has a strong working foaming action that leaves mirrors sparkling clean, with no streaking or smearing. It's also good for cleaning chrome, tile, porcelain, Formica, appliance surfaces, and stainless steel. Terrific for around the house or anywhere there are lots of mirrors to be cleaned.

CAT. NO.	NET WEIGHT	QTY/CASE
1982	15 Oz. (425 g)	12

Minimum order: 1 case.

CRL Stainless Steel Polish and Cleaner

- Cleans, Polishes, and Protects
- Resists Fingerprints, Grease, and Water Spatter
- Preserves the Factory Finish of Stainless Steel



CRL Stainless Steel Polish and Cleaner cleans, polishes, and protects stainless steel without hard rubbing and polishing. Resists fingerprints, grease, and water spatter. Helps preserve the factory finish. Stainless Steel Polish and Cleaner can be used on all types of stainless steel window frames, trims, doors, corridor guards, kick plates, dishwashers, refrigerators, freezers, sterilizers, etc. Also excellent for Formica, porcelain, ceramic tile, and chrome.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL841	15 Oz. (425 g)	12

Minimum order: 1 each.

CRL Sprayway Crazy Clean All Purpose Cleaner

- All Purpose Cleaner that Cleans and Deodorizes
- Great on Smooth Finishes



Great for all washable and painted surfaces, window sills, venetian blinds, and all porcelain and tile surfaces. Excellent for removing dirty hand prints from walls and doors, scuff marks on floors, crayon and grease spots, soot and smoke film. Also suitable for bathtubs, washbowls, toilet bowls, kitchen sinks, cabinets, stoves, and refrigerators. For best results, spray a small area until wet, let stand for several seconds, wipe off with a clean dry cloth, then rinse if desired. When using on plastic seat covers or plastic tile, rinse with a clean damp cloth.

CAT. NO.	NET WEIGHT	QTY/CASE
SW31	19 Oz. (539 g)	12

Minimum order: 1 case.

CRL TPC Surface Protector

- Transparent Polymer Coating
- Water, Soil, and Stain Repellant
- Protects Glass and Many Other Surfaces

CRL TPC Surface Protector will actually seal the pores of glass, porcelain, ceramic, plastics, polished metals, fiberglass, and marble to make the surface water, soil, and stain resistant. The clear coating guards against the adhesion and build-up of dirt, grime, mold, mildew, rust, and mineral deposits. Environmentally friendly and non-toxic, CRL TPC Surface Protector permits the practice of preventive cleaning and maintenance, reducing costly cleaning, repairs, and replacement. One fluid ounce protects approximately 15 square feet (1.4 meters square) of glass.

CAT. NO.	CONTENTS	QTY/CASE
TPC16	16 Fl. Oz. (473 ml)	12
TPC5GL	5 Gallons (18.9 l)	1

Minimum order: 1 each.



Visit our web site at crlaurence.com for Application Tips and Most Common Uses.

CRL Alumin-Nu Metal Cleaner

- For Use On Aluminum, Brass, Copper, Nickel, Chromium, Stainless Steel, and All Bright Metals
- Ideal for Removing Heavy Oxidation
- Leaves No Residue

This concentrated liquid restores metal to its original finish. It is a proven metal cleaner and polish for aluminum, copper, brass, bronze, nickel, chromium, and stainless steel. CRL Alumin-Nu not only cleans flat or extruded sections of metal, it is also used to clean metal plaques and relief work because it does not leave any residue in crevices. It dissolves accumulations of abrasives and grime that have been deposited by ordinary metal polishes. After the surface has been cleaned, a protective film remains which retards discoloration. Alumin-Nu applies easily with a soft cloth, and a little goes a long way.



CAT. NO. 95060QT



CAT. NO. 95060GL

CAT. NO.	CONTENTS	QTY/CASE
95060QT	32 Fl. Oz. (946 ml)	12 Quarts
95060GL	128 Fl. Oz. (3.785 l)	4 Gallons

Minimum order: 1 each.

CRL Autosol® Shine Metal Cleaner

- Cleans and Conditions in a Single Treatment
- Produces a Brilliant Gloss
- Low Ammonia Content



Ideal for all chrome, aluminum, stainless steel, brass, copper, gold, pewter, platinum, silver, and tin, as well as fiberglass, ceramic, and certain painted surfaces. Mild abrasives help to remove built-up tarnish, oxidation, and even rust, leaving behind a protective coating which helps to condition the metal and protect against corrosion while providing a longer lasting shine. Contains an extremely low ammonia content. Other brands with higher concentrations of ammonia can cause long term damage to metals, resulting in premature stress corrosion cracking.

NOTE: Not suitable for anodized aluminum and fine silver.

CAT. NO.	CONTENTS	QTY/CASE
1188AS	2.5 Fl. Oz. (75 ml)	24

Minimum order: 1 each.

CRL Mötsenböcker's Lift Off® Removers

- Stain Removal Made Easy With Three Specialized Formulas for the Toughest Stains
- Excellent Results on the Job, in the Shop, or in the Home



Lift Off® 2 for Grease, Oils, and Adhesives

Lift Off® 2 is a Petroleum-based, commercially proven formula that effectively removes such items as adhesives, grease, tar, motor oil, gum, sap, and oil-based foods. Pistol grip bottles are attractive for over-the-counter sales.



CAT. NO.	CONTENTS
LF2	22 Fl. Oz. (650 ml)

Minimum order: 1 each.

Lift Off® 3 for Pen, Ink, and Marker Graffiti

Lift Off® 3 is a biodegradable, water-based product designed to remove most inks including: permanent markers, indelible inks, ball point pens, highlighters, stamp pad and fountain pen inks. Pistol grip bottles are attractive for over-the-counter sales.



CAT. NO.	CONTENTS
LF3	22 Fl. Oz. (650 ml)

Minimum order: 1 each.

Lift Off® 4 for Spray Paint Graffiti

Lift Off® 4 is the first biodegradable, water-based spray paint graffiti remover. It actually breaks the molecular bond between the paint and hard, soft or porous surfaces without damaging them. Pistol grip bottles are attractive for over-the-counter sales.



CAT. NO.	CONTENTS
LF4	22 Fl. Oz. (650 ml)

Minimum order: 1 each.

Autosol is a registered trademark of Autosol International GmbH.

CRL Lint Free Glass Wipes

- New, Convenient Pop-Up Dispenser Box
- Strong, Four-Ply White Paper Wipes are Virtually Lint Free
- Reinforced Nylon Scrim in Both Directions so They Work Great Wet or Dry



• Six Pop-Up Boxes in Each Case

CAT. NO. 1550
900 Wipes Per Case

CAT. NO. BX15
150 Wipes Per Box

Extra-tough CRL Lint Free Glass Wipes bring the absorbing power you need in a lighter weight material that's reinforced with a nylon scrim for extra strength. The ripple texture makes them easy to hold during use, and provides just the right amount of surface area for cleaning solutions to do their work.

CRL Lint Free Glass Wipes have no adhesives or binders so they leave nothing behind except clean, lint free surfaces. Besides glass, they are ideal for your most demanding shop clean up tasks.

CRL Lint Free Glass Wipes measure a big 16-1/2" x 9-3/4" (419 x 248 mm). Each case has six pop-up boxes containing 150 wipes each for a total of 900 wipes per case.

CAT. NO.	DESCRIPTION
1550	Case of 900 Wipes
BX15	Box of 150 Wipes

Minimum order: 1 case of 1550; 1 box of BX15.

CRL Lint Free Glass Wipes Dispenser Bracket

- Positions Pop-Up Boxes of 1550 and BX15 Wipes Right Where You Need Them

Mount the K73900 Dispenser Bracket to walls or work benches for quick and easy pull-down dispensing of our 1550 and BX15 Lint Free Glass Wipes. Mounting screws, wall anchors, and double face tape patches are included. After attaching the bracket, simply press the perforated edge of the Wipe box against the two forks to mount. Minimum order is one each.



CAT. NO. K73900

CRL Paper Towels in Rolls

- Strong and Extra Absorbent
- Two Plies Thick



Roll Holder
* Roll of paper towels not included

CRL Paper Towels are two plies of strong white paper with extra absorbent qualities. Each 8-3/4" x 8-3/4" (223 x 223 mm) sheet wipes up spills quickly, and you get 128 sheets per roll. You'll find CRL Paper Towels economical to use. They're great on the job, in the shop, and around the house. Sold only in cases of 20 rolls. Each individually wrapped roll has 128 towels. Wall mounted Paper Towel Roll Holder available separately.

CAT. NO.	DESCRIPTION
41482	Case of 20 Rolls of Towels
148D	Paper Towel Roll Holder

Minimum order for Towels: 1 case. Minimum order for Holder: 1 each.

CRL Micro Fiber Wipes

- Streak Free Cleaning on Windows and Mirrors
- Washable Up to 500 Times



CRL Micro Fiber Wipes have thousands of microscopic fibers that trap dirt and grime to increase cleaning effectiveness and reduce cleaning and drying times. Our large 16" x 16" (406 x 406 mm) size takes on big polishing, waxing, cleaning, and dusting jobs, and when you're done you can simply machine wash them (without fabric softener). Packed two per poly bag with a hanger hook so you can also offer them for resale to your customers.

CAT. NO.	DESCRIPTION	QTY/PACK
MFW2	Micro Fiber Wipes	2

Minimum order: 1 pack.

CRL Wipes In A Bucket



- Quickly Removes Urethane, Tough Soils, Adhesives, Grease, Etc.
- No Rinsing, No Drying, No Residue
- Effective, Portable, and Convenient



CRL99W Wipes in a Bucket are a patented, waterless hand cleaning system combining both a high quality liquid hand cleaner formula, and a heavy-duty, non-scratching, abrasive hand-cleaning towel. Use Wipes in a Bucket to clean up spills, drips, and spatters from most non-porous surfaces like shop tools, equipment, counter tops, and more. Large 10-1/2" x 12-1/4" (267 x 311 mm) wipes dispense easily from their own pop-up container.

CAT. NO.	DESCRIPTION	QTY/CASE
CRL99W	Bucket of 72 Wipes	6
CRL99WB	Optional Wall Mount Bracket	-

Minimum order: 1 each.

CRL Scrubs In-A-Bucket®



- Pop-Up Towels Impregnated with Waterless Hand Cleaner
- Cleans Urethane, Adhesives, Grease, Oils, Tar, and More



Use CRL Scrubs In-A-Bucket® for fast and easy hand cleaning. These pre-moistened towels clean hands of urethane, adhesive, ink, tar, and oil with a gentle-to-the skin formula that gives pumice performance without the grit. Natural citrus fragrance. Also great for cleaning tools, work surfaces, and spills. Large 10-1/2" x 12-1/4" (267 x 311 mm) wipes dispense easily from their own pop-up bucket.

CAT. NO.	DESCRIPTION	QTY/CASE
C422	Bucket of 72 Wipes	6

Minimum order: 1 each.

CRL Kimtowels

- Tough, Strong Multiple Plies
- Highly Absorbent
- Durable and Reusable



These CRL Kimtowels have multiple plies bonded together to form a tough, durable wipe for hands and equipment. Extra absorbent inner plies soak up oil, water, and solvents fast. Kimtowels will clean up more and last longer than ordinary paper towels. Kimtowels measure a big 12.5" x 14.4" (317 x 365 mm).

CAT. NO.	TOWELS/PACK	TOWELS/CASE
K47011	68 per Band Wrap	816
K47033	100 per Pop-Up Box	800

Minimum order: 1 case.

CRL Kimberly-Clark® WypAll® Workhorse® X80 Shop Towels

- Feel Like Cloth and Work Even Better
- Made With Hydroknit® Fast Absorbing Material



CRL Kimberly-Clark® WypAll® Workhorse® X80 Shop Towels feel like cloth and work even better. They are made with Hydroknit® fast absorbing material that has outstanding tear resistance. Absorbs water and oil faster than laundered shop towels. Cases contain five pop-up boxes of 80 white towels for convenient dispensing. Towels measure 9-1/8" x 16-3/4" (231 x 426 mm).



CAT. NO.	DESCRIPTION	QTY/CASE
K41048	Workhorse® X80 Shop Towels	5 Boxes
K73900	Dispenser Bracket	1 Each

Minimum order for Towels: 1 case. Minimum order for Bracket: 1 each.

Scrubs In-A-Bucket is a registered trademark of Illinois Tool Works, Inc.

Kimberly-Clark, WypAll, Workhorse, and Hydroknit are all registered trademarks of Kimberly-Clark Worldwide, Inc.

CRL Liquid Nails® Adhesive

- Bonds to All Common Building Materials
- Durable Bond That Stays Flexible



CRL Liquid Nails® is a fast-bonding, superior quality, waterproof, rubber-based interior grade adhesive recommended for bonding plywood, hardboard, furring strips and molding, paneling, brick veneer, drywall, and cork board. **NOTE:** Liquid Nails® is not recommended for styrofoam, foam, plastic, marble or mirrors.

Liquid Nails® has a strong initial grab, and a working time of up to 10 minutes on clean and dry surfaces. One of the surfaces to be bonded must be porous. Applies with a standard caulking gun, and cleans up with mineral spirits.

CAT. NO.	CONTENTS	QTY/CASE
LN601	10 Fl. Oz. (296 ml)	24

Minimum order: 1 each. Can be combined with all cartridge sealants for quantity pricing.

Liquid Nails is a registered trademark of Akzo Nobel Paints LLC.



CRL DAP® Construction Adhesive

new

- Fast Setting- Quick Tack
- Waterproof - May be Used Indoors or Outdoors



CRL DAP® Construction Adhesive will adhere to most rigid materials, such as iron, steel, wood, concrete, brick, tile, hard plastics, plaster, gypsum board, etc. Recommended applications include: paneling, hardboard, expanded polyurethane foam board, semi-rigid fiberglass insulation, decorative wood strips, metal tracks (shower enclosure), slate/composition blackboards, and F.R.P. board.

CAT. NO.	CONTENTS	QTY/CASE
DAP60480	1 Gallon (3.785 l)	4

Minimum order: 1 gallon.

DAP is a registered trademark of RPM International Inc.

CRL Storm Window and Door Frame Adhesive and Solvent

- For New and Remedial Glazing of Aluminum Storm Windows and Doors
- Fast Drying, Firm Bond



CRL Storm Window Adhesive is an extremely strong bonding adhesive used for gluing glass into aluminum frame storm windows and doors. Flexible and fast drying, it has high resistance to heat and water. Seals glass, vinyl, steel, wood, and aluminum. Off-white neutral color. CRL Storm Window and Door Adhesive Solvent is used to clean up or thin CRL Storm Window Adhesive.

NOTE: Always use care and caution when working with solvents.



CAT. NO. C205GL



CAT. NO. C215GL

CAT. NO.	DESCRIPTION	CONTENTS	QTY/CASE
C205GL	Adhesive	1 Gallon (3.785 l)	6
C215GL	Adhesive Solvent	1 Gallon (3.785 l)	6

Minimum order: 1 gallon.

CRL Adhesive Gun

- Our Most Popular Applicator Dispenses Adhesives, Sealers, Primers, and Lubricants With an Easy Squeeze Lever
- Heavy-Duty Construction

Use this CRL Adhesive Gun to dispense your favorite adhesives, sealers, primers or lubricants. Features include a heavy-duty pump mechanism, 4" (102 mm) spout, and extra heavy-duty cap and spring. It can be easily disassembled for cleaning. Comes with wire plug to prevent dry-back in the nozzle. **NOTE:** To ensure long service life, all Adhesive Pumps should be kept clean. Minimum order is one each.



CAT. NO. 195AG

CRL Quick Release Agent

• Quick Release of Most Adhesives

CRL Quick Release Agent is a solvent blend designed to loosen or dissolve most adhesives. It softens or undercuts butyl, oil-based, and polyurethane sealants.



CAT. NO.	NET WEIGHT	QTY/CASE
CRL958	14 Oz. (397 g)	12

Minimum order: 1 each.



CRL General Purpose Solvent and Adhesive Cleaner

• Removes Uncured Paint, Adhesive, Grease, and Oil

CRL General Purpose Solvent and Adhesive Cleaner handles some of the toughest cleaning jobs your shop can encounter. Use CRL2032 to soften and remove uncured urethane, adhesive, tar, grease, oil, and paint.



CAT. NO.	CONTENTS	QTY/CASE
CRL2032	32 Fl. Oz. (946 ml)	12

Minimum order: 1 each.



CRL Solvent Cleaner and Degreaser

• Excellent Spray Cleaner for Grease, Tar, Crayon, and Ink

CRL Solvent Cleaner and Degreaser is a solvent cleaner and degreaser that removes grease, tar, adhesive marks, crayon, lipstick, ink, and fresh paint along with many other types of dirt and grime. CRL60 is also excellent for removing spots from fabrics, rugs, and clothing.



CAT. NO.	NET WEIGHT	QTY/CASE
CRL60	20 Oz. (567 g)	12

Minimum order: 1 each.



CRL Industrial Instant Spray Release Agent

• Get a Beautifully Renewed Surface • Contains No Ozone Depleting Chemicals

CRL Industrial Instant Spray Release Agent is a great final detail product for metal, rubber, and plastic. Works on tires, vinyl interiors, bumpers, bumper guards, body moldings, door jambs, engine compartments, and even hard to reach air conditioner ducts.



CAT. NO.	NET WEIGHT	QTY/CASE
SW936	11 Oz. (312 g)	12

Minimum order: 1 each.



CRL Silicone Remover and Surface Prep

• Ideal for Removing Uncured Silicone and Many Cured Silicones • Prepares Surfaces to Be Sealed, Painted or Bonded

CRL Silicone Remover and Surface Prep is a long needed answer to uncured silicone clean up. Spray on and it instantly dissolves silicone film. It's also a degreaser that removes uncured silicone residue and oils. It will also soften and remove many cured silicones.



CAT. NO.	CONTENTS	QTY/CASE
SR200	16 Fl. Oz. (473 ml)	12

Minimum order: 1 each.

3M is a registered trademark of 3M Company.



CRL 3M® General Purpose Adhesive Cleaner

• Cleans Quickly

CRL 3M® General Purpose Adhesive Cleaner quickly cleans off wax, grease, oil, adhesives, road tar, silicone, etc. It's also suitable for use on vinyl or glass surfaces.



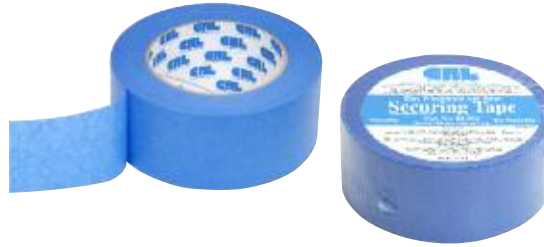
CAT. NO.	NET WEIGHT	QTY/CASE
3M8987	15 Oz. (425 g)	12

Minimum order: 1 each.



CRL Blue Masking Tape

- Leaves No Adhesive Residue for Up to Seven Days
- Great for Masking Tooled Sealant Joints



CRL Blue Masking Tape is a blue crepe paper tape with built-in UV stability and adhesive transfer resistance for up to seven days. Ideal as a masking tape for tooled sealant joints in any exterior sealing application like window and door installations, storefronts where the metal needs to be protected, or frameless shower door installations.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
BL9934	3/4" (19 mm)	180' (54.8 m)	48
BL991	1" (25.4 mm)	180' (54.8 m)	36
BL99112	1-1/2" (38.1 mm)	180' (54.8 m)	24
BL992	2" (50.8 mm)	180' (54.8 m)	24

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.

CRL Multi-Purpose Masking Tape

- Hundreds of Uses
- Six Convenient Widths
- High Quality Adhesive



Use CRL Multi-Purpose Masking Tape for masking, packaging, bundling, sealing, "X"-ing window glass, or for many other jobs. Designed to stick to all surfaces, smooth or rough, it easily conforms to irregular shapes. This high quality, low-priced tape is packed in plastic sleeves to keep it fresh for a long shelf life.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
40312	1/2" (12.7 mm)	180' (54.8 m)	72
40334	3/4" (19 mm)	180' (54.8 m)	48
4031	1" (25.4 mm)	180' (54.8 m)	36
403112	1-1/2" (38.1 mm)	180' (54.8 m)	24
4032	2" (50.8 mm)	180' (54.8 m)	24
4033	3" (76.2 mm)	180' (54.8 m)	16

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.

CRL 3M® Masking Tape

- Adheres Evenly With Good Holding Power
- Solvent Resistant



3M® Automotive Masking Tape features good holding power, conformability, instant adhesion, solvent resistance, and smooth texture. It unwinds easily from the roll, and stretches around moldings, handles, etc., without pulling away.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
3M26334	3/4" (19 mm)	180' (54.8 m)	48
3M26336	1" (25.4 mm)	180' (54.8 m)	36
3M26340	2" (50.8 mm)	180' (54.8 m)	24

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.
3M is a registered trademark of 3M Company.

CRL Duct Tape

- Flexible and Versatile
- Highly Aggressive Adhesive



CRL Duct Tape is a bonding of highly aggressive natural adhesive to a strong cloth tape with a coating of polyethylene. It is resistant to moisture and heat extremes, and conforms well to corners and sharp edges.

Typical uses include: Sealing duct work in exhaust and dryer vents, air conditioning and heating systems; as a pipe insulation wrap; temporary repair for fractured fiberglass or plastic panels; to bundle electrical cords; as a general adhesive tape when securing large sheets of protective cloth or plastic.

CAT. NO.	COLOR	WIDTH	ROLL LENGTH	ROLLS/CASE
C5192	Gray	2" (50.8 mm)	180' (54.8 m)	24
C5193	Gray	3" (76.2 mm)	180' (54.8 m)	16
C5292	Black	2" (50.8 mm)	180' (54.8 m)	24

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

- Gray or Black Color



CRL Mini Stretch Film and Dispensers

- Wraps and Unwraps Without Damaging Surfaces or Leaving Residue
- Costs Less Than Strapping Tape, Twine or Wire

CRL Mini Stretch Film is an economical alternative to strapping tape, twine or wire. It comes in two convenient sizes, 3" (76 mm) and 5" (127 mm). Provides visibility while eliminating surface damage or adhesive residue on boxes, metals, etc. Clings to itself without adhesives. The 80 gauge thickness makes this film highly puncture resistant.

CRL Stretch Film Dispensers hold 3" and 5" (76 and 127 mm) rolls. The Deluxe Dispenser features a soft E-Z grip handle, and has an adjustable brake.



CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
HW380	3" (76.2 mm)	1500' (457 m)	16
HW580	5" (127 mm)	1500' (457 m)	12

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Filament Tape

- Perfect for Sealing, Reinforcing, Holding, Strapping, Bundling, Securing, Shipping, Etc.
- Available in Three Widths
- Use Any Width of This Tape in Our TD901 Filament Tape Dispenser



CRL Filament Tape is a reinforced strapping tape that firmly grabs without cutting into cartons or edges of soft materials. It is a high tensile strength tape that readily conforms to irregular shapes, and is quickly and easily dispensed by hand or with a dispenser. Unidirectional filaments reinforce the tape for strong tear resistance. It also resists curling, and adheres excellently to corrugated and other surfaces.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
898T12	1/2" (12.7 mm)	180' (54.8 m)	72
898T34	3/4" (19 mm)	180' (54.8 m)	48
898T1	1" (25.4 mm)	180' (54.8 m)	36

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Carton Sealing Tape

- Extra Sticky for Ease of Application
- Easily Dispensed With Our TD902 Carton Sealing Tape Dispenser

CRL Carton Sealing Tape is a pressure-sensitive, premium grade clear polypropylene film that's used for sealing cartons, packages, etc. The tape is extremely sticky, giving strong holding power to corrugated and other materials. It is very clear when applied, and is good for sealing labels on shipping cartons. The high tensile strength will help keep packages together when subjected to even the most abusive handling.



CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
3802	2" Nominal (48 mm)	165' (50.3 m)	36

Minimum order: 1 roll.

CRL Filament and Masking Tape Dispenser

- Holds Filament and Masking Tapes in Widths Up to 1" (25.4 mm)



Tape Sold Separately (see above)

CAT. NO. TD901

CRL Carton Sealing Tape Dispenser

- Made Especially for Dispensing 2" (48 mm) Carton Sealing Tape



Tape Sold Separately (see above)

CAT. NO. TD902

CRL Glass Bandage

- Provides Highly Visible Warning of Broken Glass Hazards
- Transparent – Does Not Block Vision or Light
- Self Adhesive – Remains in Place



Broken glass panes represent a significant safety hazard in factories, retail stores, office buildings, schools, hotels, and homes. Now CRL Glass Bandage offers a "quick-fix" until the glass can be replaced. Installation takes just minutes. Prevents air leakage while covering sharp edges and also seals in broken glass shards. Glass Bandage's brilliant red danger warning helps prevent harm to the public, reduce accident insurance claims, and possible legal suits. Glass Bandage is transparent, so it does not block vision and light - another safety plus! Roll size is 18" x 120" (457 x 3048 mm). Minimum order is one roll.

CAT. NO. 7100

CRL Window and Door Mask



- Protects from Paint Overspray and Stucco Application
- Economical 1200 Square Foot Roll
- Applies Quickly, Just Peel, Apply to Glass, and Trim
- Removal is Fast and Easy



Avoid costly clean up of paint overspray and misapplied stucco during construction with CRL Window and Door Mask. MF304 has no release liner to remove, so you simply peel from the roll, apply to glass, and then trim. This clear 3-mil polyethylene film stays where you put it because of its strong, water-based acrylic adhesive. Removal is fast and easy. 24" x 600' (610 mm x 182.9 m) long rolls are easy to handle and economical too, costing only pennies per square foot. Minimum order is one roll.

CAT. NO. MF304

CRL Polyester Surface Protection Tape

- Protects Surfaces of Finished Pieces During Storage, Handling, and Transit



CRL Polyester Surface Protection Tape is a clear, high performance, abrasion resistant, 1.5 mil film tape with a special controlled-release acrylic adhesive. Use it to protect the surface of finished pieces during storage, handling, and transit. The Tape can be easily removed later, in one piece, leaving no residue. Recommended for glass, wood or metal which has been polished or brushed. Easy to use 18" x 50' (457 mm by 15.26 m) roll. Minimum order is one roll.

CAT. NO. 99118



7

CRL83R Complete Product Index

- **EVERY PRODUCT IN THIS CATALOG ARRANGED ALPHABETICALLY A TO Z**
- **LISTINGS BY BRAND NAMES, GENERIC NAMES, AND COMMON NAMES**
- **PRODUCT SEARCH INFORMATION FOR THE CRL WEB SITE**
- **ALTERNATE METHODS TO FIND EXACTLY THE RIGHT PRODUCTS TO MEET THE NEEDS OF YOUR SUCCESSFUL BUSINESS**

See other side for Section Index.

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CRL83R QUICK INDEX BY CATALOG SECTION

To search for all CRL products, go to CRL Total Search at crlaurence.com.

Security Door and Window Screen Systems

Pages 101W to 132W



Screen and Storm Hardware

Pages 133W to 244W



Patio Door and Replacement Shower Hardware

Pages 245W to 412W



Window Hardware

Pages 413W to 580W



Commercial Door Hardware

Pages 581W to 796W



Insulating Glass, Sealants, Fasteners, and Cleaners

Pages 797W to 916W



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First log on to crlaurence.com and Click on CRL Total Search.

Type in a catalog number, a word or combination of words into the Search Box, then click on the Magnifying Glass Icon.

Click on the one you want. The product's Offer Page will appear with full information and prices for the product.

Short Cut:
Enter the Product's Catalog Number in the 'Enter your search words here' Box and Click Go. You'll go directly to the product's Offer Page!

C.R. Laurence Co., Inc.

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Enter Your Search Word(s) Here [Search]

Frameless Shower Door | Storefronts & Entrances | Architectural Railings | Architectural Metals | Transaction Hardware
Hospitality & Display | Automotive Products | Guest Protective Screens | Contact Us CRL Locations | Quote Request

Customer Menu Bar
Not a CRL Customer?
Searching on CRL
CRL Total Search
New Product Area
Popular Product Lines
Products by Industry
Products & Services
Architectural Metal Systems
Architectural Railing Systems
Architectural Customers
Automotive Products
Display Systems
Entrance Systems
Glass and Glazing
Glass Machinery
Hand Held and Power Tools
Hospitality and Service Hardware
Key Control Specialists
Machinery and Large Equipment

Welcome to crlaurence.com

INTRODUCING NEW CATALOGS
DC14 DOOR CONTROLS 240 FULL COLOR PAGES
CRL14D DOORS CATALOG 400 FULL COLOR PAGES
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CRL Total Search
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The new CRL Total Search is simple! Search all CRL Brands, or to reduce your initial results select a specific Brand by clicking the drop down and making a selection, then type in a catalog number, a word or a combination of words into the Search Box. Then press ENTER or click on the magnifying glass icon.

All Brands [Sidelite] [Magnifying Glass Icon]

Your search for 'Sidelite' retrieved 535 result(s).
Showing 1 - 20 of 100 'Sidelite' Page: 1 of 5

1. SR4SS3812CL CRL Brushed Stainless 4" Custom Length Square Sidelite Rail for 3/8" and 1/2" Glass (220)
2. SRE4SSB CRL Brushed Stainless 4" Square End Cap for Sidelite Rails (8)

CRL 4" x 120" Square Sidelite Rails Back To CRL 4" x 120" Square Sidelite Rails Models

Additional Images | MADE IN THE USA by CRL | Technical Information | No UPS Common Carrier Only

CRL Satin Anodized 4" x 120" Length Square Sidelite Rail

Branch Location	Quantity Available	In Transit
Los Angeles, California	158	0

Click here to check stock at alternate CRL locations.

Quantity	U.S. Dollars Per Stock Length
1	161.01
8	146.37

Catalog Number: SR4SSA3812SL
Sold By the: Stock Length
Minimum Order: 1 Stock Length
Can be combined with other SIDELITE RAILS for quantity pricing.

Order Quantity [Input Field]
Add To Cart
Item(s) in Cart: 0
View Cart

Catalog Number: SR4SSA3812SL
Finish: SATIN ANODIZED

FINDING PRODUCTS AT crlaurence.com

We Give You a Number of Ways to Find What You Want at crlaurence.com

The CRL Web Site is your source for many thousands of items, and we've devised a number of ways for you to quickly and easily find exactly what you want when you log on to crlaurence.com.

The screenshot shows the CRL website homepage. At the top, there's a navigation bar with the CRL logo and 'C.R. Laurence Co., Inc.' Below it, a horizontal menu lists categories: Frameless Shower Door, Storefronts & Entrances, Architectural Railings, Architectural Metals, Transaction Hardware, Hospitality & Display, Automotive Products, Guarda Protective Screens, Contact Us/ CRL Locations, and Quote Request. A 'Customer Menu Bar' on the left includes links like 'Not a CRL Customer?', 'Searching on CRL', 'CRL Total Search', 'New Product Area', 'Popular Product Lines', 'Products by Industry', and 'Products & Services'. A central banner advertises 'INTRODUCING NEW CATALOGS' with 'DC14 DOOR CONTROLS' (240 full color pages) and 'CRL14D DOORS CATALOG' (400 full color pages), both with 'REQUEST YOUR FREE COPY' buttons. On the right, a sidebar features 'CRL US ALUMINUM' with 'PRICING', 'QUOTES', 'ORDERING', and 'TECHNICAL INFORMATION' links, and a '2012 Pricing Through 3/31/13' notice.

Numeric Index

Products can be located even if you know only part of the Catalog Number. Enter the first three or four characters into the 'Enter Your Search Word(s) Here' Box then [Click Search](#).

The screenshot shows search results for 'cf3'. It states 'Your search for cf3 has found 7 items.' Two items are highlighted: 'Catalog Number CF36 CRL 36" Charcoal Fiberglass Screen Wire' and 'Catalog Number CF30 CRL 30" Charcoal Fiberglass Screen Wire'. Each item has a small image of the product.

New Product Area

Here we preview for you our newest products and catalogs. Just click on New Product Area in the Searching on CRL Menu.

The screenshot shows the 'New Products Most Recently Added to the CRL Web Site' section. It includes a list of new products: 'Automotive Hardware / Products', 'Frameless Shower Door Hardware / Products', 'Glass and Mirror Supplies', 'Glazing Tools and Equipment', and 'Railing and Architectural Metals'. A sidebar on the right contains a 'New Product Area' link and a 'Click on any general category below to view the groupings of new products we have most recently added to the CRL web site.' section.

Popular Product Lines

Some of our most popular product lines include hundreds of items. Here they are grouped so you can easily navigate through crlaurence.com to find exactly what you need. Think of it as a starting point for when you want to browse through all of the products in a related area.

The screenshot shows the 'Architectural Products and Hardware' section. It features a grid of product categories with images: 'U.S. Aluminum Architectural Metals, Hardware and Accessories', 'U.S. Aluminum Entrance Doors', 'CRL Glass Entrance Systems: Door and Edge Rails and more', 'CRL Glass Railings and Post Railings', 'CRL/ Memmert's Patio, Deck, Balcony, Terrace, and more', and 'CRL Precision Profile and Screen Guard Systems'.



C.R. LAURENCE COMPANY

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918W | crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu

FINDING PRODUCTS AT crlaurence.com


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Frameless Shower Door	Storefronts & Entrances	Architectural Railings	Architectural Metals	Transaction Hardware
Hospitality & Display	Automotive Products	Guarda Protective Screens	Contact Us/ CRL Locations	Quote Request

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Window Sash Latch.....	495W
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Pinnacle Hinge Replacement Plates.....	334W
Pioneer KBS Hinged Steel Screen Doors.....	125W
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Bi-Fold Door.....	409W-410W
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Free-Swinging.....	719W
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Lock Shoe.....	525W
Sets.....	595W-598W
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Bearing Shimstrips.....	871W
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Polyurethane Construction Sealant.....	857W
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CRL Serves the World From Three Continents With Ever-Improving Service Capabilities

• North America • Europe • Australia

C.R. Laurence has been a supplier to customers worldwide for decades, and can now offer our unmatched range of products and services from CRL locations on three continents: North America, Europe, and Australia.

Communicating

In our history we have prospered as a company because we've followed a path of innovation and growth, always seeking new ways to use the latest technology to expand our service capabilities. Major advancements in the world of communications have made much of this possible. We've always been among the first to introduce new ways of reaching our customers, and in return, have made it easier for them to do business with us.

C.R. Laurence was the first in our industry to offer toll free telephone ordering. For over 40 years our customers have been able to call our 800 number to place orders, ask questions about products, get prices, and communicate with us without it costing them a cent. Our recent expansion into Europe lets us offer the same free phone and free fax service to our customers on that continent.

In the early '80's we added toll free fax ordering, making it possible for our customers to fax their purchase orders, parts lists, shop drawings and other documents directly to our Customer Service Department at CRL Corporate Headquarters. It was during this time that we also introduced CRL FastFax, providing customers instant notification that their orders had been shipped.

One of our most important advances was the installation of the CRL Computer System in 1978. The power of our abilities multiplied many times when we went 'online' because we were better able to track inventory levels throughout our distribution network, and better able to process your orders quickly and more accurately. The ongoing evolution of the CRL Computer System now includes our Internet and fax servers, which empowers us to offer our customers in every corner of the world ever-improving service at every step in the process, from order entry through shipping and billing.

Some say our most important communications advancement was our entry into the business of Electronic Commerce with the introduction of the CRL web site in 1997. What was once a fledgling effort has blossomed into a self service web site featuring information regarding all of the products and services CRL has to offer. Customers who use crlaurence.com find an enlightening and comprehensive web site that is constantly improving with the addition of new features that make it quicker and easier to use. And now we have web sites especially tailored to the countries with which we do business.

C.R. Laurence makes a serious effort to promote ever-improving service by making the investments required to improve communications at every level. We want your business dealings with CRL to be simple, clear, and



convenient. If you feel that we can improve communications at any level, we would like to hear from you. To submit comments, go to crlaurence.com and click on Contact Us, then click on Web Comments.

Building A Network

Providing the ever-improving service level we strive for means bringing CRL to our customers. From a single Los Angeles, California location we have grown to a network of Service Centers in six countries on three continents.

Each of our Service Centers is connected to Corporate Headquarters through our computer system, which monitors and updates inventory levels with the arrival of each new delivery truck and the shipment of each customer order. Every Service Center receives fresh inventory each week through our Inter-Branch Transfer System so stock levels can remain high. This improves the percentage of your orders we can ship complete, and usually on the same day we receive them.

Another advantage of having regionally located Service Centers in or near major metropolitan areas is the opportunity to serve our customers in person. Each CRL location has a Will Call Trade Counter open six days a week. For directions to CRL locations go to crlaurence.com and click on About CRL under the General Information menu to the left of your screen. The pop-up menu will give you a selection for Service Centers.

And in order to provide ever-improving service, the CRL network of Service Centers will continue to grow. In recent years CRL service has come to Australia and Europe with the opening of locations to serve customers on these continents. New or enlarged Service Centers are planned for metropolitan areas throughout the U.S. With the opening of each new facility, we make getting what you want from CRL faster and easier.

Investing In People To Serve You

The best way we can serve you is to have capable people available to answer your questions, take and expedite your orders, suggest solutions to problems you may be having with a job, or to assist you in any manner we can. We maintain ongoing training programs so that the CRL people who serve you will have at their command the resources to make your business transactions with us a pleasant experience.



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CRL Serves the World With Local and International Brands of Your Favorite Products

• North America

• Europe

• Australia



CRL's Global Headquarters in the Los Angeles, California area

Brand Names

Product branding is the identification of a product by a specific name, and it is present in just about everything you buy. Whether it's groceries, garments, appliances, electronics or vehicles, we all have our favorite brands. We get to know and trust certain brands for their reputation of quality, good or bad, and we make buying decisions in part based on our familiarity and trust in a brand name.

The same is true for the products we use. Every professional has favorite brands that they trust for quality, service life, and value. Some of these names are familiar worldwide, and can be found in shops in virtually every country. Others are more local in scope, marketed only in certain countries or on certain continents.

As for quality, in many cases the "local" brands are just as good as the "international" brands, and provide equal value. They have their particular markets, and have excelled in them by producing top quality products at affordable prices.

CRL Brings The Best To You

Operating on three continents allows us to bring brands to you that you may not otherwise have local access to. Our purchasing agents select quality products from vendors across the globe, and because we have a global distribution network these products can be made available through any of our Service Centers.

When you review our catalogs, both in print and online, you'll see many familiar brand names and some that will be new to you. Be assured that these new brands, including those products bearing the CRL brand name, are tested products that will deliver both quality and value.

As both a manufacturer and a distributor CRL can bring you the best products at value prices. We're a brand name that you can trust.

Need It But Don't See It? Just Ask CRL

Our access to suppliers worldwide gives us the ability to deliver products from any of the brand names we advertise. If you need a certain product from a specific brand name, don't hesitate to ask us for a price and delivery time. We're experts at getting you what you want when you need it. Just ask us and we'll do our best to serve you.



CRL's Canadian Headquarters in the Toronto, Ontario area



CRL's European Headquarters in the Manchester, England area



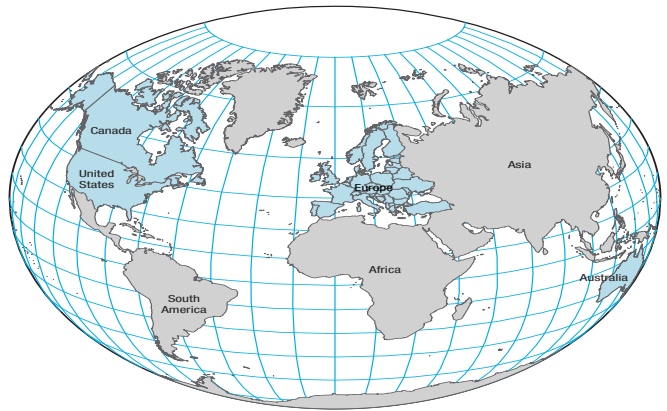
CRL's Australian Headquarters in the Sydney, New South Wales area

CRL Provides Global Service With Regionally Oriented Web Sites

- Access to All CRL Products and Services is Available 24 Hours a Day, Seven Days a Week When You Visit Us Online
- Our Sites are Updated Continually to Bring You Our Newest Products and Special Offers
- The Entry Port for 'All-Glass' Storefronts Online®, Showers Online, Hand Rails Online, and Our Other Web-Based Services

As a global supplier to the industries we serve, CRL recognizes that the power of electronic commerce strengthens our ability to serve you locally, as well as our other customers worldwide. And while the Internet has created a virtual "global village", it's important to also have the capability to tailor our web sites to the specific needs and business conditions of the continents on which we are based. That said, it became apparent that our web site, **crlaurence.com**, had to at the same time be global in appeal, but still local enough to be relevant.

Thus the creation of our Global Web Site Directory. When you visit our web site you are directed to the home page of the individual site designated to host your home country.



You can also move from one site to another simply by clicking on the directory icon at the top of the home page. From here you have access to all of our sites, giving you the opportunity to explore the entire scope of CRL's online world.

As we progress in this global strategy, look for us to include new translations of our Online Catalog into many more of the major languages. We are committed to spreading the virtual world of C.R. Laurence around the globe, and making your online shopping experience at **crlaurence.com** pleasant and easy to understand. We want you to be comfortable with CRL, and will work hard to make that possible.

Welcome to the C.R. Laurence Global Web Site Directory

Please select from one of these web sites to begin your visit

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Pages 245W to 412W



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Pages 581W to 796W



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Insulating Glass, Sealants, Fasteners, and Cleaners

Pages 797W to 916W



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LANGUAGES

Information about the products in this CRL Catalog is available in these languages when you visit our supplementary web sites:

crlaurence.com.mx or

crlaurence.es : Spanish

crlaurence.de : German

crlaurence.qc.ca or crlaurence.fr : French

crlaurence.it : Italian

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Enter the product number into the Search Box and information about the item will be in that language.

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