

Concrete Anchor Installation Instructions for Standoffs



CRL Concrete Sleeve Anchors used for the installation of Standoff Bases are constructed of high quality steel components. Each part is zinc plated and assembled into a ready-to-use Anchor. The Anchor consists of a Threaded Stud with an outwardly flared cone-shaped end. A tubular expander Sleeve is assembled over the Stud. A Washer and Hex Nut are then assembled on the Stud completing the Anchor assembly. Tightening the Nut at the top of the Anchor pulls the Stud end into the Sleeve, forcing it outward and locking the Anchor into the substrate material.

Things you will need: Hammer, Carbide Bit, Hammer Drill, and Goggles.

Installation Instructions:

1. Using a Carbide Drill Bit the same size as the Anchor diameter, drill a hole into the substrate material. The hole requires no maximum depth but needs to be at least the length of the sleeve.
2. Clear the hole of all debris.
3. Make certain the Nut is flush with the top threaded part of the Anchor. Insert the Anchor into the drilled hole in the substrate material. Push the Anchor into the hole until the Washer is snug against the Nut.
4. Turn the Nut by hand as firmly as possible. Tighten the Nut with a wrench until the Anchor is tightly secured in the substrate material.
5. Now back the Nut completely off the threaded Stud.
6. Using a CRL Cat. No. ASW12 Adjustable Strap Wrench which protects the surface finish on the Standoff Base, tighten the Standoff firmly onto the threaded top of the Anchor.

Minimum Depth Required	
Anchor Diameter	Minimum Embedment
1/4"	1-1/8"
5/16"	1-7/16"
3/8"	1-1/2"

