

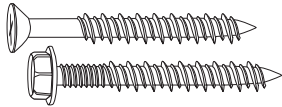
# CONCRETE ANCHORS



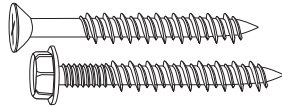
## Concrete screw

**Base Material:** Concrete, Block, Brick Applications  
**Size Range:** 3/16" X 1-1/4" to 3/8" X 6"  
**Anchor Material:** Carbon Steel, Type 304 and 410 Stainless Steel

## Perma-Seal™



## 3/8" Zinc Plated Carbon Steel



## Installation



**1** Use a GrabCon drill bit to drill a hole at least 1/2" deeper than the length of the anchor. Blow the hole clean of dust and debris.

**2** Place the point of the GrabCon anchor through the fixture and into the pre-drilled hole. For softer concrete or masonry, set the drill to "rotation only" mode.

**3** Using the correct driver, drive the anchor in one steady, continuous motion until fully seated. The driver will automatically disengage from the head of the anchor.

The GrabCon Anchoring System is ideal for most light to medium-duty applications in concrete, block and brick. GrabCon anchors are quick and easy to install, providing a tight friction fit—even in soft or thin-walled materials—with a neat, finished appearance.

The complete GrabCon system consists of tough concrete screw anchors, specially designed driver sockets that automatically disengage from the head, and a precision drill bit for proper hole diameter and depth.

GrabCon anchors are available in either hex washer head or Phillips head styles. They are made of Perma-Seal coated or

zinc plated carbon steel, and also Type 304 stainless steel.

## CHOOSING THE RIGHT ANCHOR

Determine the proper minimum anchor depth for the load requirements of your application and choose the appropriate anchor style (hex head or flat head).

Anchor depth should not exceed 2", especially in more dense base materials.

The correct anchor screw length is the depth of the anchor plus the thickness of the fixture, including any spacers or shims. Hex head GrabCon anchors are sized from below the washer while flat head GrabCon anchors are sized from the top of the head.

**BLUE PERMA-SEAL GrabCon HEX Head**  
Standard Packaging-100 screws and 1 drill per box

Cat. No. Hex	PFH	Size	Std. Box	Std. Ctn.	Wt./ 100	Straight	SDS Hex
2700	2740	3/16" x 1-1/4" HWH	100	500	3/4	2781	2793
2702	2742	3/16" x 1-3/4" HWH	100	500	1	2781	2793
2704	2744	3/16" x 2-1/4" HWH	100	500	1-1/4	2782	2793
2706	2746	3/16" x 2-3/4" HWH	100	500	1-1/2	2782	2793
2708	2748	3/16" x 3-1/4" HWH	100	500	1-3/4	2783	2794
2710	2750	3/16" x 3-3/4" HWH	100	500	2-1/4	2783	2794
2712	2752	3/16" x 4" HWH	100	500	2-1/2	2783	2794
2720	2760	1/4" x 1-1/4" HWH	100	500	1-1/2	2785	2796
2722	2762	1/4" x 1-3/4" HWH	100	500	1-3/4	2785	2796
2724	2764	1/4" x 2-1/4" HWH	100	500	2	2786	2796
2726	2766	1/4" x 2-3/4" HWH	100	500	2-3/4	2786	2796
2728	2768	1/4" x 3-1/4" HWH	100	500	3-1/4	2787	2797
2730	2770	1/4" x 3-3/4" HWH	100	500	3-3/4	2787	2797
2732	2772	1/4" x 4" HWH	100	500	4-1/2	2787	2797
N/A	2774	1/4" x 5" HWH	100	100	4-1/2	2788	N/A
N/A	2776	1/4" x 6" HWH	100	100	5-1/2	2789	N/A

**CARBIDE DRILL BITS FOR PERMA-SEAL GrabCon**

(Do not use with Stainless Steel GrabCon).  
Tolerance Range = 0.168" to 0.175" for the 5/32" and 0.202" to 0.204" for the 3/16" bits.

**HEX SHANK SDS-PLUS**

Cat. No.	Size	Usable length	Std. Tube	Wt./ 10
G2793	5/32" x 5"	3	1	1
G2794	5/32" x 7"	5	1	1
G2796*	3/16" x 5"	3	1	1
G2797*	3/16" x 7"	5	1	1

\* 3/16" diameter bits are also matched tolerance for 3/16" Wedge-Bolt installations (refer to 3/16" Wedge-Bolt information)

**GRABCON CARBIDE DRILL BITS**

GrabCon Drill Bits in the diameters listed are nominal size. 3/16" and 1/4" Perma-Seal GrabCon anchors must be installed with special tolerance GrabCon drill bits. 1/4" Stainless Steel GrabCon anchors require the use of specific tolerance GrabCon drill bits, which are gold or silver colored to denote the standard size and special application size for harder materials. 3/8" diameter GrabCon anchors should be installed with a 1/4" ANSI drill bit.