

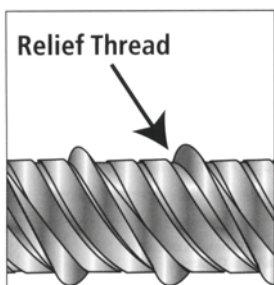
Concrete Anchors



Wedge-Bolt®

Base Material: Concrete, block, brick, stone.
Size Range: 3/16" x 1-1/4" to 3/4" x 8".
Anchor Material: Heat treated, high strength carbon steel.

The Wedge-Bolt anchor is a one-piece, heavy-duty anchor with either a finished hex head or countersunk Phillips flat head. It is easy to identify, removable and vibration resistant. The Wedge-Bolt anchor also has many unique features and benefits that make it well suited for almost every application. Optimum performance is obtained using a combination of patented design concepts. The benefit to the designer is higher load capacities while the benefit to the user is ease of installation.



Low Installation Torque.
 A specially designed relief thread formed in the body of the anchor allows easy tightening at a reduced torque level and provides dust relief to help reduce jamming of the anchor.



Tilt Wall Wedge-Bolt®

Ideal for brace shoes used to support tilt-up wall panels. The new Powers Tilt Wall Wedge-Bolt anchors are specifically engineered for high load Tilt-up applications. Tilt Wall Wedge-Bolt anchors can be used in systems such as those manufactured by Meadow Burke.

Cat. No.	Size	Color	Thread Lgth.	Std. Ctn.	Std.
7296	3/4" x 6"	Black	5"	20	60
7298	3/4" x 8"	Black	6"	10	40

Advantages:

- One-piece design
- Safe controlled installation methods
- Low installation torque
- Easy to read length identification
- Vibration resistant
- Fast, easy, high speed installation
- Cost effective
- Immediate high strength loading

Performance Data

Concrete PSI	Embed. Depth Lbs.	Tension Lbs.	Shear Lbs.	60° Comb. Load Lbs.
3/4" x 6"				
2000	5	13,500	21,825	14,780
4000	5	18,705	26,780	16,150
3/4" x 8"				
2000	7	17,750	28,030	22,750
4000	7	22,610	30,550	24,855

The values listed above are ultimate load capacities which should be reduced a minimum safety factor of 2 or greater to determine allowable working load.

Wedge-Bit™

For proper performance, all blue tipped Wedge-Bolt anchors must be installed with a blue Wedge-Bit. The Wedge-Bit has a special matched tolerance range designed to provide optimum performance for the anchor. The available shank styles are shown below.



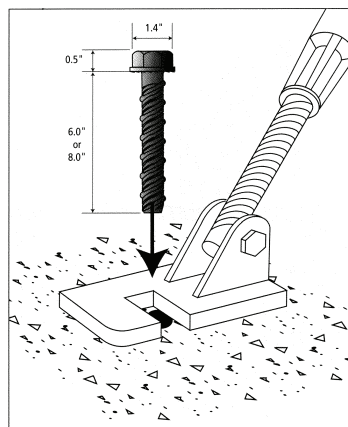
Spline Wedge-Bit



SDS-Plus Wedge-Bit



Heavy-Duty Straight Shank Wedge-Bit



Approvals

Meadow Burke Products (pending)
 Install a Til-Up Brace Shoe by anchoring with the Powers Tilt Wall Wedge-Bolt.

Division 5

Concrete Anchors



Hammer-Capsule®

Base Material: Solid concrete.

Size Range: 3/8" to 1" anchor rod, No. 3 to No. 8 reinforcing bar.

Anchor Material: Ester based resin.

The Hammer-Capsule System consists of a self contained, single use, two-part glass capsule into which threaded anchor rod or reinforcing bars can be directly driven without the need for a chisel point or spinning action. It is designed for use in the installation of 3/8" through 1" diameter threaded rod in solid concrete and masonry materials. It can also be used to install reinforcing bars. A mixture of hardener and quartz aggregate is contained in the upper portion of the capsule while the lower portion contains an epoxy acrylate resin. Unlike traditional capsule anchors which require the use of chisel pointed anchor rod and special installation tools, the Hammer-Capsule is designed for use with straight cut anchor rod.



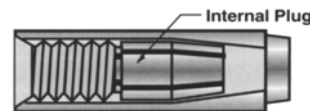
Steel Dropin

Base Material: Solid concrete, solid block, hard stone.

Size Range: 1/4" to 3/4" standard thread; 1/2" and 3/4" coil thread.

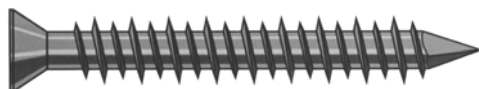
Anchor Material: Carbon steel and Type 303 or 316 stainless steel.

The Steel Dropin is an all-steel, machine bolt anchor available in carbon steel and two types of stainless steel. It can be used in solid concrete, hard stone, and solid block base materials. A coil-thread version for forming applications is also available. FMRC & UL listings make this anchor appropriate for overhead applications.



Performance Data

Anchor Size In.	Drill Bit Size In.	Embed. Depth In.	Tension Lbs.	Shear Lbs.
2000 PSI Concrete				
1/2	5/5	2	4105	6400
3/4	1	3-3/16	8580	15,680
4000 PSI Concrete				
1/2	5/8	2	5760	6400
3/4	1	3-3/16	14,405	15,680
6000 PSI Concrete				
1/2	5/8	2	6585	6400
3/4	1	3-3/16	17,300	15,680



Tapper® 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.

The Tapper Anchoring System is a family of screw anchors, specially designed drill bits, and installation tools designed to meet the needs of most light to medium-duty applications in concrete, block and brick.

The Tapper concrete screw anchor is produced in either hex washer head or Phillips head styles from Perma-Seal™ coated or zinc plated carbon steel and Type 304 stainless steel. The Perma-Seal™ version is available in various lengths in both 3/16" and 1/4" diameters. 1/2" Type 304 and Type 410 stainless steel Tapper concrete screw anchors are also available. For heavy-duty applications, the 3/8" size is made in zinc plated carbon steel. The anchor is fast and easy to install providing a neat, finished appearance.



Power Stud™ Wedge Type Expansion Anchor

Base Material: Concrete, stone.

Size Range: 1/4" x 1-3/4" to 1-1/4" x 12"

Anchor Material: Carbon steel, Type 304 or 316 stainless steel.

The Power-Stud anchor (formerly known as the Rawl-Stud) is a one-piece, wedge type expansion anchor available in carbon steel and stainless steel. Threaded, Rod Hanger and Tie-Wire versions are designed for use in solid concrete. The drill bit diameter needed for proper installation is the same as the anchor diameter.