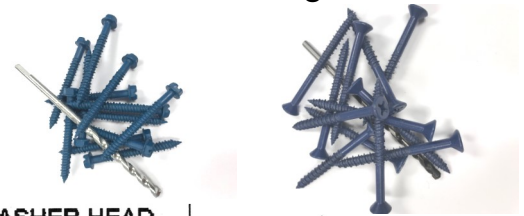


CONCRETE SCREWS with Blue Teflon Corrosion Resistant Coating

- For medium duty applications
- Can be used in C.I.P., concrete, hollow core block, solid block, brick or any other masonry material
- Available in two diameters: 3/16" and 1/4" and multiple lengths 1 - 1/4" up to 5"
- Comes in two head styles: PHILLIPS FLAT HEAD and SLOTTED HEX WASHER HEAD
- Cuts threads into concrete, can later be removed for adjustment, shimming, leveling and then re-driven into the same hole

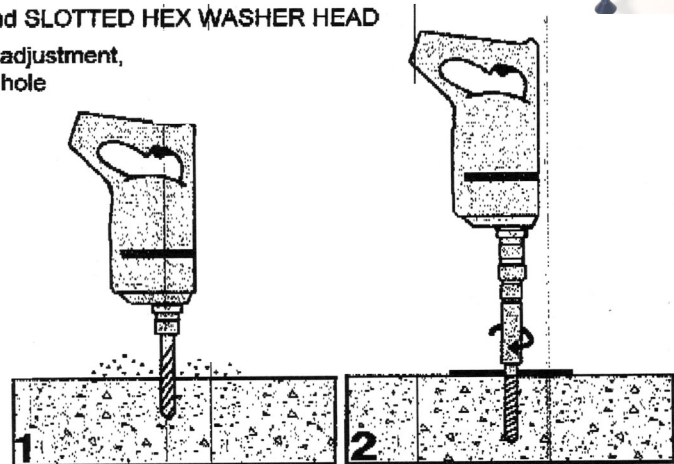


INSTALLATION INSTRUCTIONS

1. Use setting tool with bit in drilling position to drill hole in base material.

2. Retract bit, insert concrete screw into socket head of tool and drive into hole.

INSTALLATION IS COMPLETED by simply drilling the hole and driving the screw.



CONCRETE SCREW SELECTION

SCREW SELECTOR GUIDE

| FIXTURE THICKNESS | RECOMMENDED SCREW LENGTH | SCREW DIAMETER | BIT LENGTH |
|-------------------|--------------------------|----------------|------------|
| 0 - 1/4" | 1-1/4" | 3/16" or 1/4" | 3-1/2" |
| 1/4" - 3/4" | 1-3/4" | 3/16" or 1/4" | 3-1/2" |
| 3/4" - 1-1/4" | 2-1/4" | 3/16" or 1/4" | 4-1/2" |
| 1-1/4" - 1-3/4" | 2-3/4" | 3/16" or 1/4" | 4-1/2" |
| 1-3/4" - 2-1/4" | 3-1/4" | 3/16" or 1/4" | 5-1/2" |
| 2-1/4" - 2-3/4" | 3-3/4" | 3/16" or 1/4" | 5-1/2" |
| 2-1/2" - 3" | 4" | 3/16" or 1/4" | 5-1/2" |

SCREW LENGTH

The fixture thickness and the desired embedment are added to determine the screw length.

HOLE DEPTH

The desired screw embedment plus an additional 1/4" depth for displaced material determine the total hole depth in the masonry material.

HOLE DIAMETER

The correct hole diameter is very important. That's why a specially sized drill bit is included with every box of screws. Each drill bit is made to close tolerances and is designed to assure maximum pull-out strength.

PULL OUT VALUES - CONCRETE

| Anchor Diameter | Embedment Depth | CONCRETE STRENGTH | | |
|-----------------|-----------------|-------------------|----------|----------|
| | | 2000 psi | 4000 psi | 5000 psi |
| 3/16" | 1" | 600 | 650 | 800 |
| | 1-1/2" | 1090 | 1090 | 1220 |
| | 1-3/4" | 1450 | 1460 | 1730 |
| 1/4" | 1" | 750 | 800 | 950 |
| | 1-1/2" | 1380 | 1820 | 2170 |
| | 1-3/4" | 2020 | 2380 | 2770 |

SHEAR VALUES - CONCRETE

| Anchor Diameter | Embedment Depth | CONCRETE STRENGTH | | |
|-----------------|-----------------|-------------------|----------|----------|
| | | 2000 psi | 4000 psi | 5000 psi |
| 3/16" | 1" | 720 | 720 | 860 |
| | 1-1/2" | 860 | 860 | 860 |
| | 1-3/4" | 870 | 990 | 990 |
| 1/4" | 1" | 900 | 1360 | 1440 |
| | 1-1/2" | 1200 | 1380 | 1670 |
| | 1-3/4" | 1670 | 1670 | 1670 |

