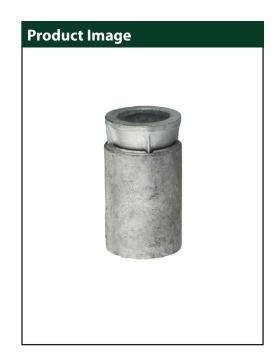
PRODUCT SPECIFICATIONS





Machine Screw Anchors

Machine screw anchors perform well in a variety of concrete strengths and can be used in brick, block, or stone. They adapt well to hole size variations and can easily be removed, loosened and retightended. Any screw head style can be used. These anchors are not recommended for use overhead or applications where holding values are critical.

Installation Instructions:

- 1. Drill a hole into the substrate using a Dottie rotary bit hammer drill or Dottie carbide tipped masonry bit.
- 2. Clear hole of all debris.
- 3. Insert the threaded cone end of the anchor into the hole.
- 4. Next, insert a setting tool into the anchor; using a hammer, tap the setting tool until the anchor is set.
- 5. Set the fixture to be fastened over the anchor and insert the machine threaded bolt into the anchor.

| Product Details | | | | | | | | | | |
|-----------------|----------------|---------------|---------------|-----|-----------|----------------------|----------|-----------|----------|-----------|
| PN# | Anchor Size | Drill Size | Screw Size | TPI | Embedment | Concrete Strength | Tension | | Shear | |
| | | | | | | | Ultimate | Allowable | Ultimate | Allowable |
| MA2 | 8-32 | 5/16" | #8 | 32 | 1/2" | 4000 psi | 419 lbs | 105 lbs | 360 lbs | 90 lbs |
| MA3 | 10-24 | 3/8" | #10 | 24 | 5/8" | 4000 psi | 595 lbs | 149 lbs | 940 lbs | 235 lbs |
| MA5 | 1/4-20 | 1/2" | 1/4" | 20 | 7/8" | 4000 psi | 1058 lbs | 265 lbs | 1410 lbs | 352 lbs |
| MA6 | 5/16" | 5/8" | 5/16" | 18 | 1″ | 4000 psi | 1367 lbs | 342 lbs | 2070 lbs | 517 lbs |
| MA7 | 3/8" | 3/4" | 3/8" | 16 | 1-1/4" | 4000 psi | 2183 lbs | 546 lbs | 3305 lbs | 826 lbs |
| MA8 | 1/2" | 7/8" | 1/2" | 13 | 1-1/2" | 4000 psi | 2690 lbs | 673 lbs | 4545 lbs | 1,136 lbs |