

Product Image



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 re-tightened. 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