

Masonry Anchor

PRODUCT DESCRIPTION

The BMI Masonry Anchor is designed to attach termination bar to concrete or masonry walls. This fastener has a zinc plated steel pin and is available in two diameters, 1/4-in. and 3/16-in. (6 and 4 mm). Lengths shall be 7/8-in., 3/4-in., 1-in., 1 1/4-in., 1 1/2-in. or 2-in. (22, 19, 25, 31, 38, or 50 mm).

FEATURES AND BENEFITS

- Typical pullout values in cured concrete (3000 psi) are 400 lbs. (181.6 Kg) for the 3/16-in. (4 mm) shank diameter, 800 lbs. (363.2 Kg) for the 1/4-in. (6 mm) shank diameter zinc alloy anchors.

APPLICATION

Predrill a 1/4-in. or 3/16-in. (6 or 5 mm) hole using a carbide tip masonry drill bit. The diameter of the hole must match the shank diameter of the Masonry Anchor. The predrilled hole must be a minimum of 1/2-in. (13 mm) deeper than the anchor embedment. The BMI Masonry Anchor is then installed with a hammer.

Minimum fastener embedment into the wall should be 3/8-in. (16 mm) for the 3/16-in. (4 mm) shank Masonry Anchor and 3/4-in. (20 mm) for the 1/4-in. (6 mm) shank Masonry Anchor.

PLATES & ACCESSORIES

To be used with channel, lip, flat or heavy flat termination bar depending on application. Use a 1/4-in. or 3/16-in. (6 or 4 mm) carbide tip masonry drill bit.



Deck Types



CMU: Concrete Masonry Unit
M: Masonry
SC: Structural Concrete

PACKAGING

All BMI Masonry Anchors are available in 1,000 piece bulk cartons or 1,000 piece cartons which contain ten 100 piece boxes.

PHYSICAL DATA

The data below is constant for each BMI Masonry Anchor.

Diameters: 3/16" and 1/4" (4 and 6 mm)
Material: Zinc Alloy Pin: Zinc Plated Steel

ORDERING INFORMATION

Bulk Cartons

Cat. No.	Pin Diameter	Pin Length	Packaging	Weight
MA316	3/16 (4) mm	7/8 (22) mm	1000	10 lbs (4.54kg)
MA001	1/4 (6) mm	1 (25) mm	1000	20 lbs (9.08kg)
MA114	1/4 (6) mm	1 1/4 (31) mm	1000	22 lbs (9.98kg)
MA112	1/4 (6) mm	1 1/2 (38) mm	1000	25 lbs (11.25kg)
MA002	1/4 (6) mm	2 (50) mm	1000	31 lbs (13.95kg)

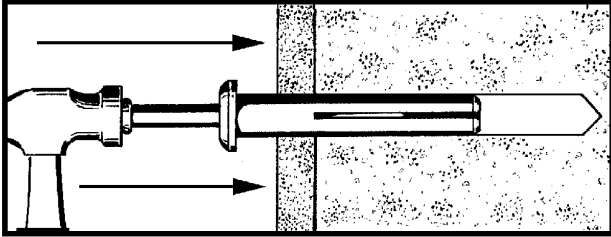
100 Piece Boxes (Packed 10 Boxes per Carton)

Cat. No.	Pin Diameter	Pin Length	Packaging	Weight
MA316X	3/16 (4) mm	7/8 (22) mm	1000	10 lbs (4.54kg)
MA001X	1/4 (6) mm	1 (25) mm	1000	20 lbs (9.08kg)
MA114X	1/4 (6) mm	1 1/4 (31) mm	1000	22 lbs (9.98kg)
MA112X	1/4 (6) mm	1 1/2 (38) mm	1000	25 lbs (11.25kg)

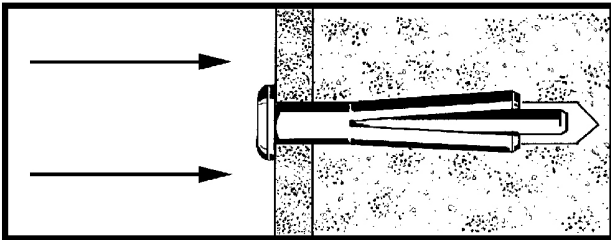
Note: All sizes are nominal.

In view of innovation, the specifications are subject to change without any prior notice and in the event of such changes, BMI shall ensure that the new specifications are equivalent if not better.

INSTALLATION PROCEDURE



1. Insert BMI Masonry Anchor through the mounting holes in the termination bar and into the predrilled hole.
2. Tap lightly until head of anchor body is set gently against the termination bar.



3. Hammer pin flush to expand the body.