

MAGNUM[®] MP1017-3 Tie-Back Bracket

Allowable Capacity 8 Tons Tension

8.00" x 21.00" x 0.375" Plate with (18) 0.50" Thru Holes & 3.00" I.D. Collar
Fits MH313, MH313R, MH325, & MH325R Magnum[®] Helical Anchors

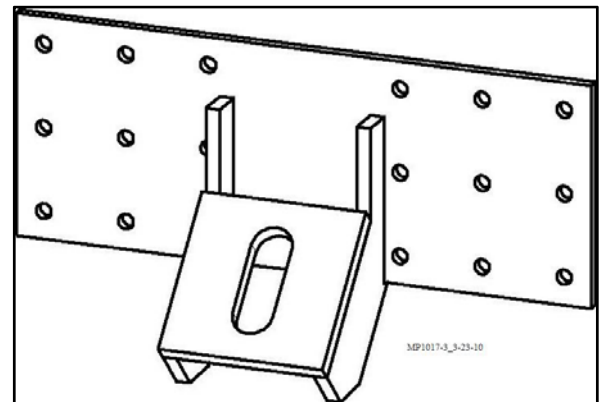
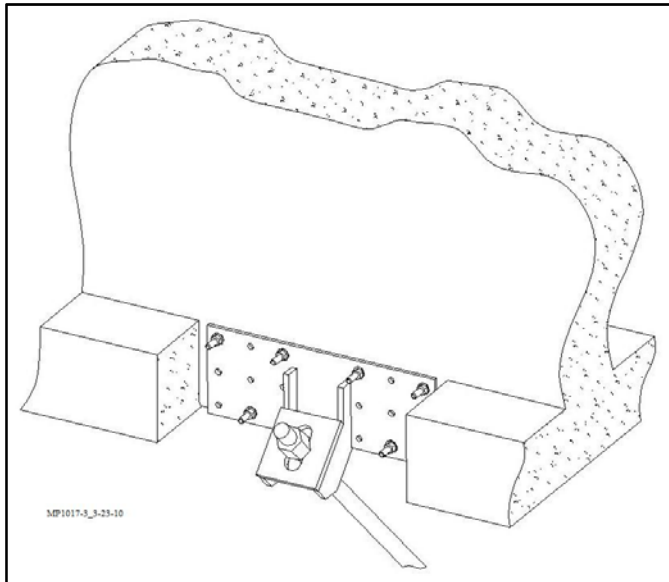


SPECIFICATIONS	
Collar Tube	0.37 in. x 3.00 in. I.D. ASTM A513 GR65+
Configuration	8.00" x 21.00" x 0.375" Angle with (18) 0.50" Thru Holes for Expansion Anchors
Pile Connection	MHC1080-3 Anchor Cap (not shown)
Surface Coating	Galvanized per ASTM A153/A123 (G) or Standard Magnum Blue Paint (P)
Compatibility	MH313, MH313R, MH325 & MH325R

BRACKET CAPACITY	
Ultimate Compression / Tension	0 Tons / 16 Tons
Allowable Compression / Tension	0 Tons / 8 Tons

Description

The Magnum MP1017-3 tie-back bracket has 30 tons maximum ultimate capacity, 15 tons working capacity in tension. The bracket consists of a plate and two gussets for connection to Magnum helical piles and (18) thru holes for attachment to existing concrete using expansion anchors. The bracket is designed in accordance with ICC-ES document AC358 as well as IBC, ACI, and AISC codes. Design and detailing of the connection to the structure varies by project and is the responsibility of registered design professional including maximum concrete span, anchor spacing, concrete shear, and concrete bearing.



Installation Notes:

Prepare the existing foundation. Install the helical anchor to the correct depth and torque. Install a Magnum MHC1080-3 pile cap on the anchor. Mount the bracket by sliding down over the thread bar into position. Secure to the anchor and post-tension as required for the project.

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U.S. Patents 6,058,662 and 5,234,287; Other Patents Pending.

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