

# MAGNUM<sup>®</sup> MP1027-3 Lifting Bracket

## Allowable Capacity 25 Tons

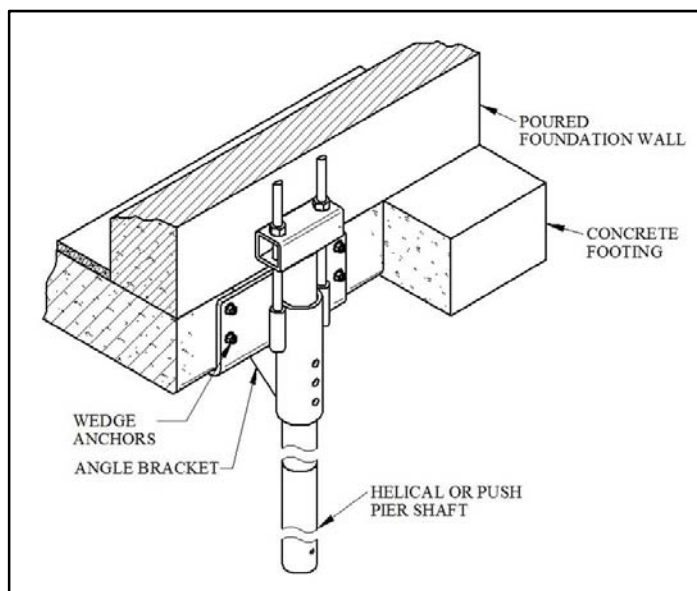
8" x 8" x 15" x 1/2" Plate with 4 – 9/16" Thru Holes & 3.13" I.D. Collar Fits MH313, MH313R, MH325, and MH325R Magnum<sup>®</sup> Helical Piles and MP313, MP322 and MP325 Magnum<sup>®</sup> Steel Push Piers



SPECIFICATIONS	
Collar Tube	0.37 in. x 3.13 in. I.D. ASTM A513 GR65+
Configuration	8" x 8" x 15" x 1/2" Plate with 6 – 9/16" Thru Holes for 1/2" Expansion Anchors
Pile Connection	3.5" x 3.5" x 3/8" Cross Beam, Plus Optional 3/4" Thru Bolt (for Tension)
Surface Coating	Galvanized per ASTM A153/A123 (G) or Standard Magnum Blue Paint (P)
Compatibility	MH313, MH313R, MH325, MH325R, MP313, MP322, and MP325

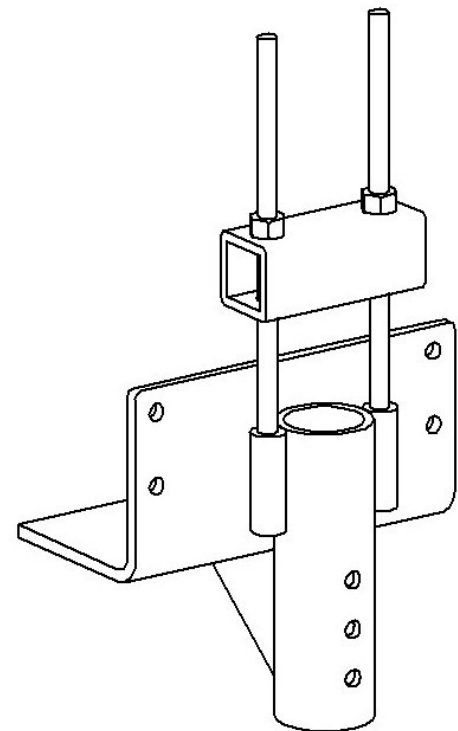
### Installation Notes:

Prepare the existing foundation. For steel push pier applications, attach the bracket and Magnum ram. Install the push pier to the required pressure and load test. For helical pile applications, excavate the pier location so the helix bearing plates fit below the existing foundation and the shaft is as close as possible to the face of the foundation. Install the helical pile to the correct depth and torque. Mount the bracket by sliding down the shaft rotating into position. In both cases, lift the structure as needed using either a "wide" Magnum ram or hydraulic jack with top lifting fixture. After lift, tighten hex nuts against cross beam. Release pressure and remove ram or jack. If desired, trim thread bars flush with top of nuts.



### Description

The Magnum MP1027-3 lifting bracket has 50 tons maximum ultimate capacity, 25 tons working capacity in compression. The bracket consists of a collar tube with (1) 3/4" threaded bolt holes for connection to Magnum hydraulic rams and 6 thru holes for attachment to existing concrete using concrete 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, pier spacing, concrete shear, and concrete bearing.



All Magnum Steel & Products Made in U.S.A.  
U.S. Patents 6,058,662 and 5,234,287; Other Patents Pending.

### Magnum Piering, Inc.

6082 Schumacher Park Dr.  
West Chester, OH 45069  
800-822-7437  
www.magnumpiering.com