

# MAGNUM<sup>®</sup> MHC1300-4 Bearing Plate Cap

Allowable Capacity 48 Tons Compression / 36 Tons Tension

4.5-Inch I.D. Collar with 8"x8"x1/2" Bearing Plate

Fits MH425, MH425R, MH431, MH431R Magnum<sup>®</sup> Helical Piles

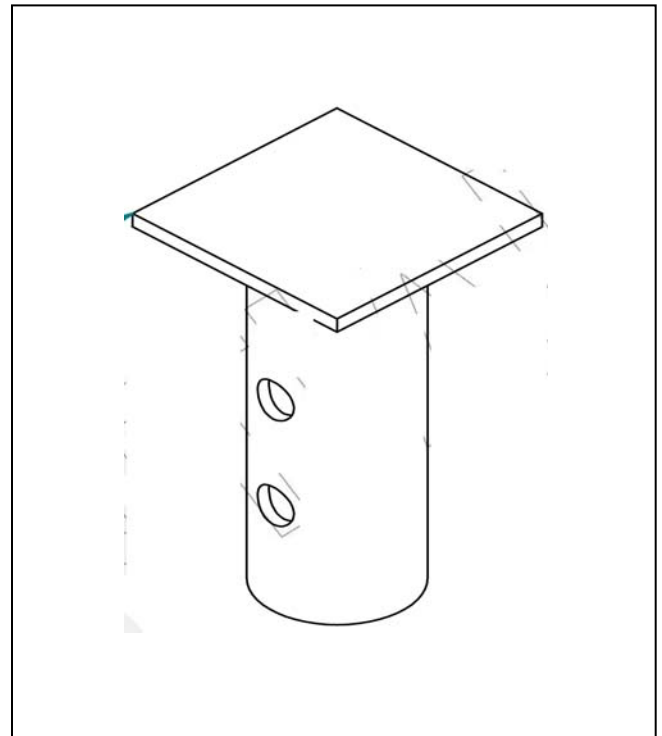


## Description

Magnum MHC1300-4 bearing plate cap has 97 tons ultimate capacity, 48 tons working capacity in compression and 73 tons ultimate capacity, 36 tons working capacity in tension. The bearing plate cap consists of a collar tube with bolt hole for connection to Magnum helical piles and 8"x8"x1/2" plate for embedment in cast-in-place reinforced concrete. The bearing plate cap is designed in accordance with ICC-ES document AC358 as well as IBC, ACI, and AISC codes. Application of the cap varies by project and is the responsibility of registered design professional including minimum embedment for two-way and one-way punching shear, reinforcement of concrete, and pile spacing.

| SPECIFICATIONS  |   |
|-----------------|---|
| Collar Tube     | 0.3 in. x 4.5 in. I.D. ASTM A513 GR65+  |
| End Effector    | 8"x8"x1/2" Steel Bearing Plate  |
| Pile Connection | (2) 1.25" SAE Grade 5 / ASTM A325 Bolts   |
| Surface Coating | Galvanized per ASTM A153/A123 (G), Bare Steel (NG), or Epoxy Coated per ICC-ES AC228 (EP) |
| Compatibility   | MH425, MH425R, MH431, and MH431R  |

| CAP CAPACITY                    |                   |
|---------------------------------|-------------------|
| Ultimate Compression / Tension  | 97 Tons / 73 Tons |
| Allowable Compression / Tension | 48 Tons / 36 Tons |



Application View Forthcoming

### Installation Notes:

After installation of a Magnum Helical Pile to the correct depth, torque, and capacity, cut-off the pile shaft at the proper elevation. Drill 21/16" holes using Magnum drill template. Place the pile cap over the shaft and secure with two 1.25" bolts. Snug tighten nuts. Place reinforcing steel as required for the project and cast concrete over and around the pile cap.

*All Magnum Steel & Products Made in U.S.A.*

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