

MAGNUM[®] MHC1300-3R Bearing Plate Cap

Allowable Capacity 25 Tons Compression / 20 Tons Tension

3-Inch I.D. Collar with 6"x6"x3/8" Bearing Plate

Fits MH313, MH313R, MH325, MH325R* Magnum[®] Helical Piles



Description

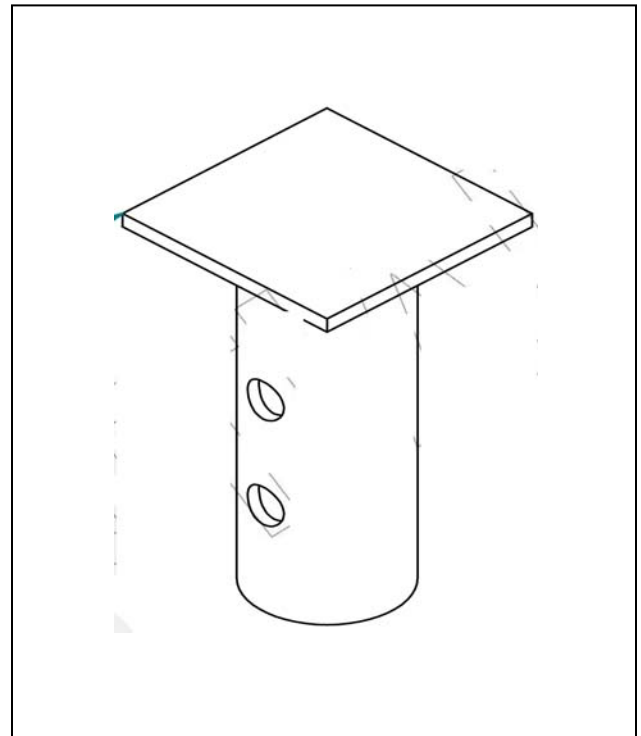
Magnum MHC1300-3R bearing plate cap has 50 tons ultimate capacity, 25 tons working capacity in compression and 41 tons ultimate capacity, 20 tons working capacity in tension. The bearing plate cap consists of a collar tube with bolt hole for connection to Magnum helical piles and 6"x6"x3/8" plate for 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 3 in. I.D. ASTM A513 GR65+
End Effector	6"x6"x3/8" Steel Bearing Plate
Pile Connection	(2) 1" 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	MH313, MH313R, MH325, and MH325R*

* Connection bolt size differs from pre-drilled hole in MH325R making field drilling of pile shaft required.

CAP CAPACITY	
Ultimate Compression / Tension	50 Tons / 41 Tons
Allowable Compression / Tension	25 Tons / 20 Tons

Note: Cap capacity takes into account strength of collar, end effector, and pile connection. Capacity may be limited by the helical pile itself, bearing/pullout capacity of soil, or strength of the structure to which the cap is attached, whichever is less.



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 17/16" holes using Magnum drill template. Place the pile cap over the shaft and secure with two 1" bolt. 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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U.S. Patents 6,058,662 and 5,234,287; Other Patents Pending.