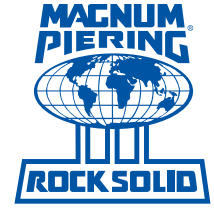


Magnum Piering® MFD325P2K14D

Sacrificial Full Displacement Tip

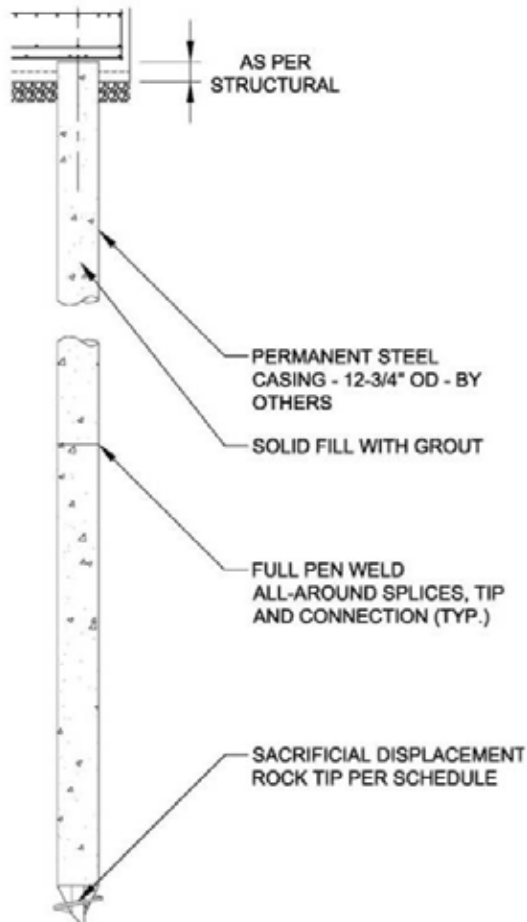
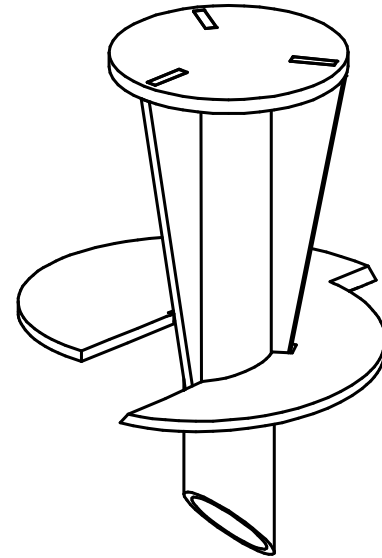
3" x 0.25" Wall x 18" Stinger w/ 12-3/4"Ø x 1/2" Plate
and 14D Helix to Fit 12-3/4" O.D. Pipe Casing



Description

The Magnum MFD325P2K14D full displacement tips made to fit a 12-3/4" O.D. casing pipe (by others). Together the displacement tip and casing create a rotary driven pipe pile that is drilled into the ground to support structures. Design and detailing of the connection of pile to the structure varies by project and is the responsibility of registered design professional including maximum concrete span, pile spacing, concrete shear, and concrete bearing.

SPECIFICATIONS	
Capacity	$P_a = 1.4 * T$
Soils	Applicable in Loose to Medium Dense Sands, Silts, Clays, and End Bearing on Rock
Pile Connection	Full Penetration Weld
Surface Coating	Galvanized per ASTM A153/A123 (G), Bare Steel (NG), or Epoxy Coated per ICC-ES AC228 (EP)
Compatibility	Fits 12-3/4" O.D. Pipe



Installation Notes:

Weld full displacement tip to casing before installation. Full displacement rotary driven pipe piles shall be installed using a multi-purpose drill or auger motor mounted to a large track mounted hydraulic machine. The drill shall have a minimum of 20 ton of crowd force. Connect the pile shaft to the drill head using a minimum of three 1-1/2" Ø drive pins. Position and align the pile at the location and to the inclination shown on the drawings and crowd the pilot point into the soil. Begin drilling to advance the lead section. If necessary, continue to add extension sections in order to achieve correct depth and torque. All sections shall be advanced into the soil in a smooth, continuous manner at a rate of rotation between 10 and 40 revolutions per minute. Constant axial force (crowd) shall be applied while rotating the pipe piles into the ground. The torsional strength rating of the pile casing shall not be exceeded during installation.

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All Magnum Products Made in U.S.A.
U.S. Patent 9,057,169; Other Patents Pending.