

HELICAL PILES

MODEL P3HD

Shaft

Wall Thickness	0.300" (7.62 mm)
Round HSS Outside Diameter	3.5" (88.9 mm)
Available Standard Lengths	5'-3" (1.6 m) / 7'-0" (2.1 m) / 10'-6" (3.2 m)

Load Specifications

Max. Allowable Capacity*	45 kips (200 kN)
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* Higher load ratings could be considered with site-specific engineering.

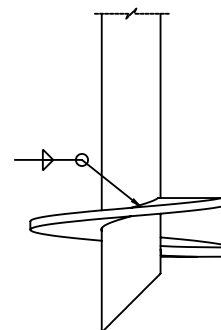
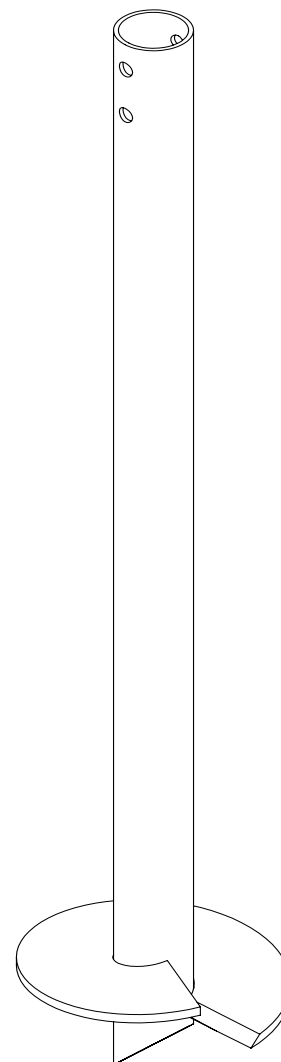
Technical Specifications

Commonly Used Structure	Heavy Residential
	Light to Heavy Commercial
	Industrial
Code Evaluation	Listed per CCMC 13059-R
Standard Steel	ASTM A500 Grade C Fy=51 ksi min (350 MPa)
Black Steel Design Life	min. 50 years
Coating	Galvanized or Black Steel
Galvanization Compliance	ASTM A123/A123M
Additional Corrosion Protection	Cathodic Protection System available

Helix

Pitch	3" (76.2 mm) / 5" (127 mm)
Thickness	0.5" (12.7 mm)
Standard Steel	CSA G40.21-44W Fy=44 ksi min (300 MPa)
Coating	Galvanized or Black Steel
Multiple Welded Helix	Available
Helix Size*	8" (203 mm) to 24" (610 mm)

* Other sizes available upon request.

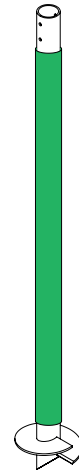


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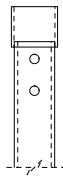
MODEL P3HD

Sleeve (Available)

Function Utility	Protection against soil movements
Wall Thickness	1/16" (1.6 mm)
Outside Diameter	± 3.75" (± 95.2 mm)
Length	± 66" (± 1.67 m)
Weight	± 1.52 lb (± 0.69 kg)
Material	HDPE
Color	Green



Outside Couplings



Regular

Assembly	Welded
Wall Thickness	0.226" (5.74 mm)
Round HSS Outside Diameter	4" (101.6 mm)
Standard Steel	ASTM A500 Grade C Fy=51 ksi min (350 MPa)
Length*	3.5" (88.9 mm)

* Factory welded or welded on site.

Pile Caps

Wood Structure Connectors	Pages 47, 48
Steel Structure Connectors	Pages 46
Concrete Construction Connectors	Pages 46, 49-51

Foundation Repair Brackets

Concrete Wall	Page 53
Concrete Masonry Unit (CMU) Wall	Pages 54-56
Interior Concrete Wall	Page 57