

HELICAL PILES

MODEL P5

Shaft

Wall Thickness	0.258" (6.55 mm)
Round HSS Outside Diameter	5.563" (141.3 mm)
Available Standard Lengths	5'-3" (1.6 m) / 7'-0" (2.1 m) / 10'-6" (3.2 m)

Load Specifications

Max. Installation Torque	14,500 ft-lb (19,700 N-m)
Max. Allowable Capacity*	30 kips (133.3 kN) to 50 kips (222.2 kN)

* Higher load ratings could be considered with site-specific engineering.

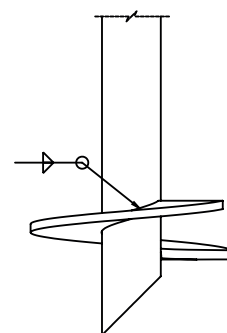
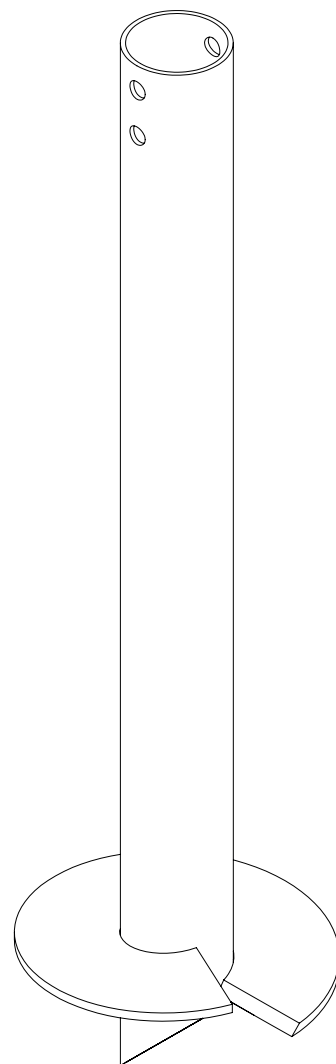
Technical Specifications

Commonly Used Structure	Heavy Residential Light to Heavy Commercial Industrial
Standard Steel	ASTM A500 Grade C Fy=51 ksi min (350 MPa)
Black Steel Design Life	50 years per AC308
Coating	Galvanized or Black Steel
Galvanization Compliance	ASTM A123/A123M
Additional Corrosion Protection	Cathodic Protection System available

Helix

Pitch	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*	12" (305 mm) to 24" (610 mm)

* Other sizes available upon request.

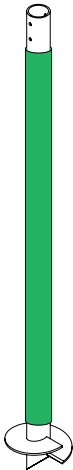


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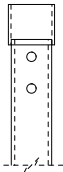
MODEL P5

Sleeve (Available)

Function Utility	Protection against soil movements
Wall Thickness	1/16" (1.6 mm)
Outside Diameter	± 5.75" (± 146 mm)
Length	± 66" (± 1.67 m)
Weight	± 3.11 lb (± 1.41 kg)
Material	HDPE
Color	Green



Outside Couplings



	Regular
Assembly	Welded
Wall Thickness	0.188" (4.78 mm)
Round HSS Outside Diameter	6" (152.4 mm)
Standard Steel	ASTM A500 Grade C Fy=51 ksi min (350 MPa)
Length*	3" (76.2 mm)

* Factory welded or welded on site.

Pile Caps

Wood Structure Connectors	Pages 63, 64
Steel Structure Connectors	Page 62
Concrete Construction Connectors	Pages 62, 69, 70