

HELICAL PILES

MODEL P2

Shaft

Wall Thickness	0.154" (3.91 mm)
Round HSS Outside Diameter	2.375" (60.3 mm)
Available Standard Lengths	5'-3" (1.6 m)/ 7'-0" (2.1 m) / 10'-6" (3.2 m)

Load Specifications

Max. Allowable Capacity*	11 kips (49 kN)
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* Higher load ratings could be considered with site-specific engineering.

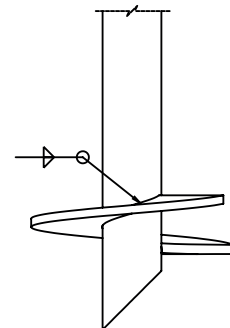
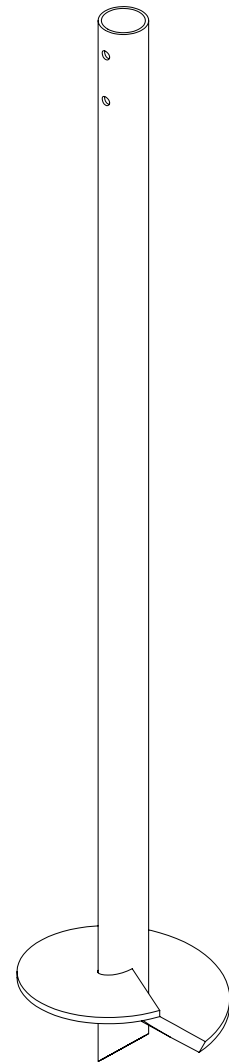
Technical Specifications

Commonly Used Structure	Medium Residential Light Commercial
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 per CCMC 13059-R
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	0.375" (9.5 mm)
Standard Steel	CSA G40.21-44W Fy=44 ksi min (300 MPa)
Coating	Galvanized or Black Steel
Multiple Welded Helix	Available
Helix Size*	6" (152 mm) to 16" (406 mm)

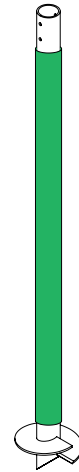
* Other sizes available upon request.



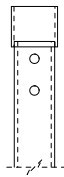
HELICAL PILES MODEL P2

Sleeve (Available)

Function Utility	Protection against soil movements
Wall Thickness	1/16" (1.6 mm)
Round HSS Outside Diameter	± 2.625" (± 66.7 mm)
Length	± 66" (± 1.67 m)
Weight	± 0.95 lb (± 0.43 kg)
Material	HDPE
Color	Green



Outside Couplings



Regular

Assembly	Welded
Wall Thickness	0.203" (5 mm)
Round HSS Outside Diameter	2.875" (73 mm)
Standard Steel	ASTM A500 Grade C Fy=51 ksi min (350 MPa)
Length*	1.25" (31.8 mm)

* Factory welded or welded on site.

Pile Caps

Wood Structure Connectors	Pages 32, 34, 36, 38, 39, 41, 43, 47, 48
Steel Structure Connectors	Page 46
Concrete Construction Connectors	Pages 46, 49-51