

HELICAL PILES

MODEL P4HD

Shaft

Wall Thickness	0.313" (7.95 mm)
Round HSS Outside Diameter	4" (101.6 mm)
Available Standard Lengths	6'-0" (1.83 m) / 8'-0" (2.4 m) / 12'-0" (3.7 m)

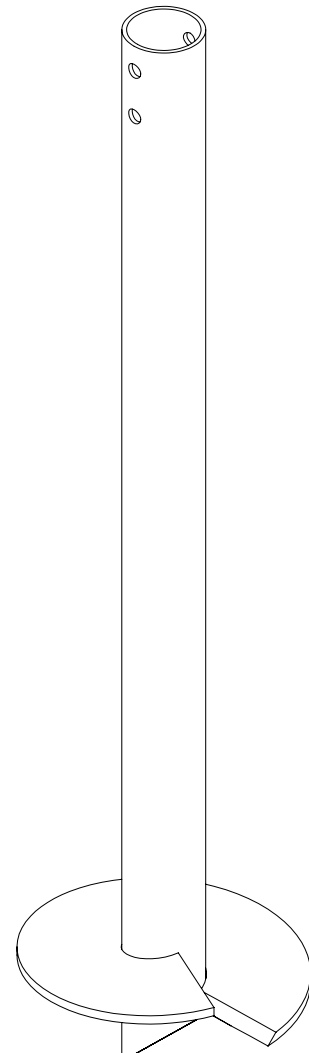
Load Specifications

Max. Allowable Capacity*	50 kips (222.2 kN)
--------------------------	--------------------

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

Technical Specifications

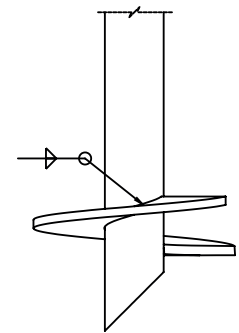
Commonly Used Structure	Heavy Residential Light to Heavy Commercial Industrial
Standard Steel	ASTM A500 Grade C Fy=51 ksi min (350 MPa)
Black Steel Design Life	min. 50 years
Coating	Galvanized or Black Steel
Galvanization Compliance	ASTM A123/A123M
Additional Corrosion Protection	Cathodic Protection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

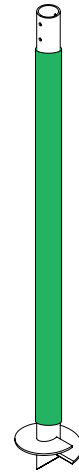


HELICAL PILES

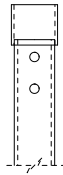
MODEL P4HD

Sleeve (Available)

Function Utility	Protection against soil movements
Wall Thickness	1/16" (1.6 mm)
Outside Diameter	± 4.25" (± 108 mm)
Length	± 66" (± 1.67 m)
Weight	± 1.61 lb (± 0.73 kg)
Material	HDPE
Color	Green



Outside Couplings



Regular

Assembly	Welded
Wall Thickness	0.237" (6.02 mm)
Round HSS Outside Diameter	4.5" (114.3 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	Page 47
Steel Structure Connectors	Page 46
Concrete Construction Connectors	Page 46