

HELICAL PILES MODEL P3

Shaft

Wall Thickness	0.216" (5.49 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. Installation Torque :

with **Regular** and **Expanded** coupling 8,509 ft-lb (11,527 N-m)

with **Reinforced** coupling 11,000 ft-lb (14,902 N-m)

Max. Allowable Capacity* 29.8 kips (132.4 kN) to 33 kips (146.7 kN)

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

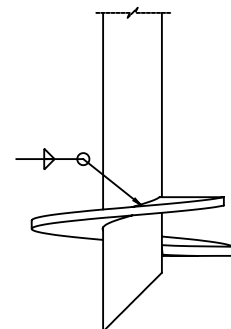
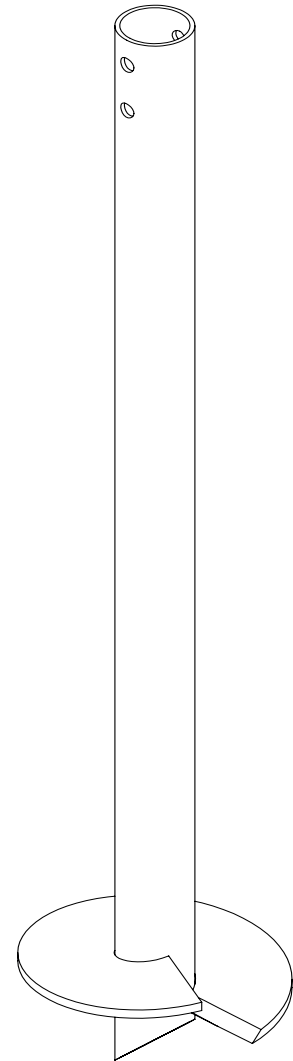
Technical Specifications

Commonly Used Structure	Heavy Residential
	Light to Medium Commercial
	Industrial
Code Evaluation	Listed per
	ICC-ES (ESR-3418) / IAPMO-UES (ER-481)
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	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.

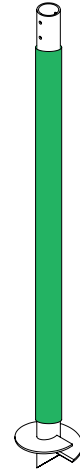


HELICAL PILES

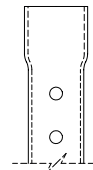
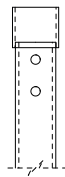
MODEL P3

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	Reinforced	Expanded
Assembly	Welded	Welded	-
Wall Thickness	0.226" (5.74 mm)	0.226" (5.74 mm)	0.188" (4.78 mm)
Round HSS Outside Diameter	4" (101.6 mm)	4" (101.6 mm)	4" (101.6 mm)
Standard Steel	ASTM A500 Grade C Fy=51 ksi min (350 MPa)	ASTM A500 Grade C Fy=51 ksi min (350 MPa)	ASTM A500 Grade C Fy=51 ksi min (350 MPa)
Length*	3.5" (88.9 mm)	8.75" (222.3 mm)	2.5" (63.5 mm)

* Factory welded or welded on site.

Pile Caps

Wood Structure Connectors	Pages 36, 37, 40, 41, 44, 45, 50, 51, 54, 55, 58-61, 63, 64, 65
Steel Structure Connectors	Pages 62, 66, 67
Concrete Construction Connectors	Pages 62, 68-71

Foundation Repair Brackets

Concrete Wall	Page 73
Concrete Masonry Unit (CMU) Wall	Pages 74-76
Interior Concrete Wall	Page 77