

CHANCE[®]

Helical Pole Support

Chance Helical Pole Supports are used with SS5 or SS150 Square Shaft anchors to help prevent a direct buried pole from sinking in soft soils. Support installs in the bottom of the pole hole.

Hot-dip galvanized per ASTM A153.

- Saves time and money.
- Installs in minutes with Standard PISA[®] or TOUGH ONE[®] anchor drive tools.
- Auger standard size pole hole – unlike oversized hole for pole bearing plates.
- Less spoils to remove.
- Greener method than expanding foam!

Bearing capacity can be estimated using soil class or calculated by measuring torque. The bearing capacity is shown below for SS5 and SS150 anchors (40,000 lb. maximum). For example a 100-foot Douglas fir pole weighs approximately 10,000 lb., which can be supported in a class 7 soil by an SS5 Lead Section with 8" and 10" helix plates.

SS5/SS150 Lead Section		Bearing Capacity (lb.) vs Soil Class					
Length	Helix Combinations	Class 7	Class 6	Class 5	Class 4	Class 3	Class 2
3 ft.	8" - 10"	19,000	23,000	27,000	32,000	36,000	*40,000
3½ ft.	10" - 12"	21,000	26,000	31,000	36,000	*40,000	*40,000
5½ ft.	8" - 10" - 12"	26,000	32,000	39,000	*40,000	*40,000	*40,000
7 ft.	10" - 12" - 14"	29,000	37,000	*40,000	*40,000	*40,000	*40,000
10½ ft.	8" - 10" - 12" - 14"	31,000	40,000	*40,000	*40,000	*40,000	N/A
10½ ft.	10" - 12" - 14" - 14"	40,000	*40,000	*40,000	*40,000	N/A	N/A

Notes: Holding capacities are based on average test data and are offered as an application guide only.
* 40,000 lb. maximum load

Pole Clip

Provides an adjustable method of attachment from a pole near the groundline to an appropriate PISA[®] helical anchor. Hot-dip galvanized per ASTM A153.

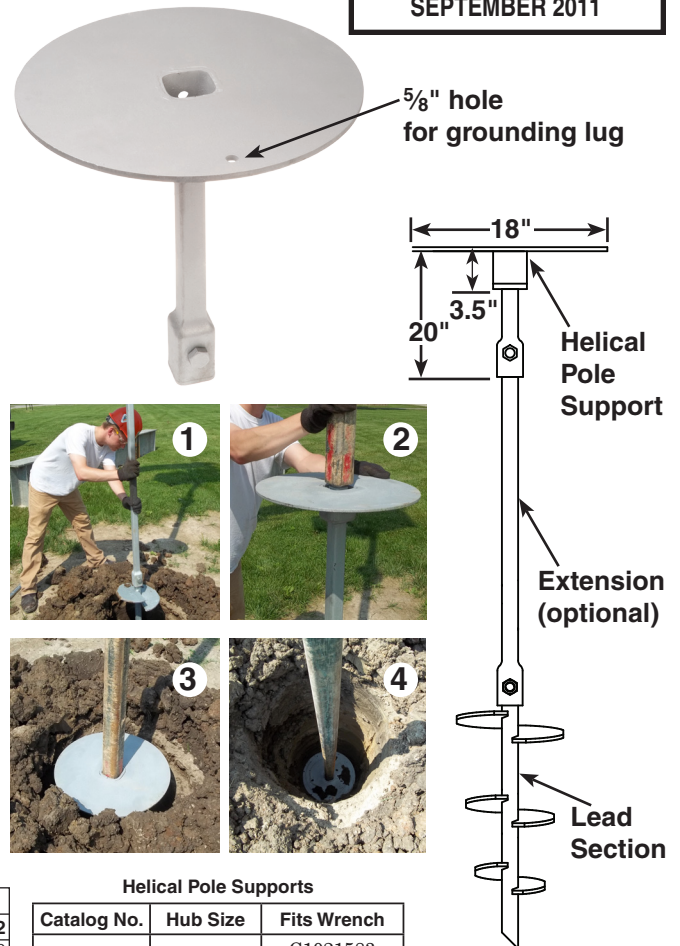
Used primarily on H-frame structures, the anchors are installed as close as possible to the pole at the ground line. The installation helps prevent jacking or "walking" the structure out of the ground.

The stud bolt is mounted to the exposed end of the PISA rod and attached to the Pole Clip which is bolted to the pole. 5½" of threads on the stud bolt provide adjustability. The anchors are installed using the same drive tools as when installing PISA anchors for guying applications.

Ordering Information

Catalog No.	Standard Pkg.	Wt. per 100 pieces, lb.	Description
E1020690	8	788	For ¾" and 1" rods

SUPPLEMENTAL CATALOG
BULLETIN 4-23.2
SEPTEMBER 2011



Helical Pole Supports		
Catalog No.	Hub Size	Fits Wrench
C1100941	2.25"	C1021583
		C1022595
C1100929	2.5"	C3031064
		C3031063
		C3030983
		C3030982



NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.



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