

POLE SHAFT

The pole shaft is one piece construction, fabricated from a weldable carbon steel, and has uniform wall thickness. The shaft will have a minimum yield strength of 55,000 KSI, and conforms to ASTM A- 500 grade B. The pole shaft has a full length longitudinal resistance weld and is uniformly square in cross-section with flat side, radius corners and a uniform taper of approximately 0.10 inches per foot of length.

ANCHOR BASE

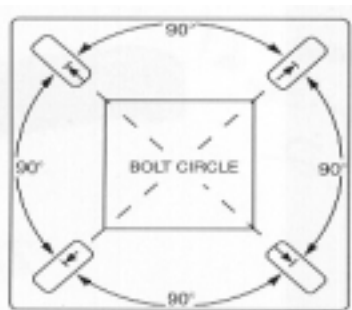
The anchor base is fabricated from a structural quality hot rolled carbon steel plate that meets a minimum yield strength 36,000 KSI. The anchor base telescopes the pole shaft and has a circumferential welded top and bottom.

ANCHOR BOLTS

Anchor bolts are fabricated from a commercial quality, hot rolled carbon steel bar with a minimum yield strength of 36,000 KSI. Each bolt is furnished with two heavy hex nuts and two flat washers, and will ship with poles unless otherwise specified.

FINISH

A polyester thermosetting powder coat is electrostatically applied as standard on all finished poles. Standard finishes are Bronze, Black, and White. Consult your Mobern Electric Representative for pricing on custom finishes.



BOLT CIRCLE
DIAGRAM FOR
BOLT PLACEMENT

SQUARE TAPERED POLE ORDERING INFORMATION

CATALOG NUMBER	MOUNTING HEIGHT	POLE SHAFT	WALL GAUGE SIZE	BOLT CIRCLE	BOLT SIZE	WIND 80mph 1.3 GUST	WIND 90mph 1.3 GUST	WIND 100mph 1.3 GUST	SHIPPING WEIGHT*
MISTP20-5.25-11	20 FT	5.25" X 3.05" X 20'	11	11	1" X 36" X 4"	18.0	13.8	10.7	155 LBS
MISTP25-6-11	25 FT	6" X 3.25" X 25'	11	12	1" X 36" X 4"	16.8	12.6	9.5	205 LBS
MISTP30-6.41-11	30 FT	6.41" X 3.11" X 30'	11	12.5	1" X 36" X 4"	13.6	9.8	7.0	260 LBS
MISTP30-7.13-7	30 FT	7.13" X 3.83" X 30'	7	13.5	1" X 36" X 4"	27.4	21.6	17.3	431 LBS
MISTP35-6.81-11	35 FT	6.81" X 2.96" X 35'	11	13	1" X 36" X 4"	10.7	7.3	4.8	305 LBS
MISTP35-7.88-7	35 FT	7.88" X 4.03" X 35'	7	14.5	1" X 36" X 4"	25.7	18.8	13.8	540 LBS
MISTP39-7.18-11	39 FT	7.18" X 2.92" X 39'	11	13.5	1" X 36" X 4"	8.6	5.4	3.0	345 LBS
MISTP39-7.13-7	39 FT	7.13" X 2.87" X 39'	7	13.5	1" X 36" X 4"	19.3	14.2	10.4	500 LBS

Specify pole top mounting, (Drilling, Tenon). See ordering information guide
Consult factory for requirements not cataloged.

*Shipping weight includes base cover and anchor bolts. *