

THSP Square Tapered Steel Hinged Poles



THSP

Pole Shaft

The pole shaft is two section design, each section being fabricated from standard 11 gauge (0.1196"), 7 gauge (0.1793"), or 3 gauge (0.2391") steel. The pole shaft material is a weldable grade hot rolled commercial quality carbon steel with a guaranteed minimum yield strength of 55,000 psi after fabrication. Each section is one-piece construction with a full length longitudinal weld and is square in cross-section having a uniform taper of 0.10 inches of diameter change per foot of length.

Base Plate

The anchor base is fabricated from structural quality hot rolled carbon steel plate that meets or exceeds a minimum yield strength of 36,000 psi. The anchor base telescopes the pole shaft and is circumferentially welded top and bottom. All welds are performed in accordance with the American Welding Society specification AWS D1.1, latest edition.

Anchor Bolts

Anchor bolts are fabricated from commercial quality hot rolled carbon steel bar that meets or exceeds a minimum yield strength of 55,000 psi. Four properly sized anchor bolts, each with two regular hex nuts and washers, are furnished and shipped with all poles unless otherwise specified. Anchor bolts shall have the threaded end galvanized a minimum of 8 inches in accordance with ASTM A-153. Fully galvanized anchor bolts are available upon request.

Handhole

An oval reinforced gasketed handhole, having a nominal 3" x 5" or 4" x 6-1/2" inside opening, located 1'-6" above the base, is standard on all poles. Optional 5" x 8" and 4" x 10" handholes are available (see options). A grounding provision is located inside the handhole ring.

Finishes

The [Standard Finish](#) is a polyester thermosetting powder coating applied to the surface of the substrate to a minimum of 3 mils for all color finishes. [Hot dip Galvanized](#) finish to a ASTM A-123 specification or primed finish is also available. For optional finishes, see [K-KLAD](#) and [K-KLAD Over Galvanizing](#).

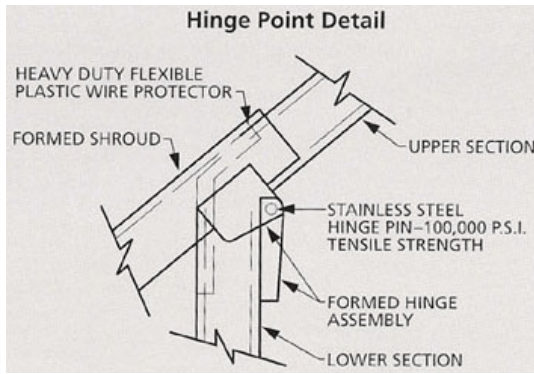
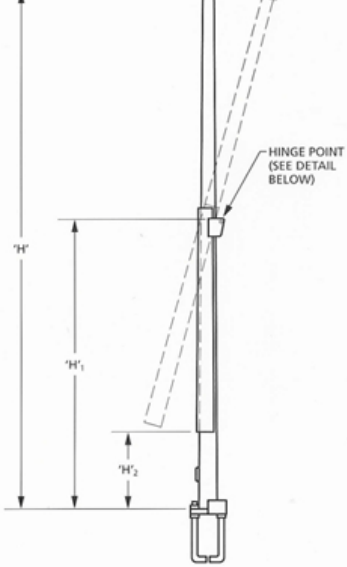
HOW TO ORDER

When ordering KW lighting standards, mounting adaptors and accessories, be sure to specify the complete catalog number. Our catalog numbers reflect the precise specifications of the item ordered to ensure our customers will receive the product which meets their exact requirements.

The following explanation of the catalog numbers will be helpful in placing orders:



Catalog Number	Nominal Height	Pole Shaft	Gauge	Handhole Size	Anchor Bolt	Bolt Circle	80 MPH	90 MPH	100 MPH	Ship WT.	Hinge Point 'H' (ft.)	'H' ² (ft.)	Select
THSP20-4.00-7	20	4.00 x 3.50 x 20.0	7	3 x 5	0.75 x 30 x 3	8	21.5	16.8	13.1	236	10	4.42	Configure
THSP20-7.15-11	20	7.15 x 5.15 x 20.0	11	4 x 6.5	1.00 x 36 x 4	13.5	41.5	31	24	439	10	4.42	Configure
THSP20-7.15-7	20	7.15 x 5.15 x 20.0	7	4 x 6.5	1.00 x 36 x 4	13.5	71	55	43	543	10	4.42	Configure
THSP20-6.25-7	20	6.2 x 3.4 x 20.0	7	4 x 6.5	1.00 x 36 x 4	12.5	64	50	39.5	386	10	4.42	Configure
THSP20-6.25-11	20	6.2 x 3.4 x 20.0	11	4 x 6.5	1.00 x 36 x 4	12.5	24	17	12	404	10	4.42	Configure
THSP25-4.00-7	25	4.00 x 3.50 x 25.0	7	3 x 5	0.75 x 30 x 3	8	13.7	10.2	7.4	328	15	3.42	Configure
THSP25-6.25-11	25	6.25 x 3.75 x 25.0	11	4 x 6.5	1.00 x 36 x 4	12.5	24	17	12	404	15	3.42	Configure
THSP25-7.15-11	25	7.15 x 4.65 x 25.0	11	4 x 6.5	1.00 x 36 x 4	13.5	28	20.3	14.7	481	15	3.42	Configure
THSP25-7.15-7	25	7.15 x 4.65 x 25.0	7	4 x 6.5	1.00 x 36 x 4	13.5	54	41	32	605	15	3.42	Configure
THSP25-6.25-7	25	6.2 x 2.7 x 25.0	7	4 x 6.5	1.00 x 36 x 4	12.5	46	34.5	27	485	15	3.42	Configure
THSP30-4.00-7	30	4.00 x 3.50 x 30.0	7	3 x 5	0.75 x 30 x 3	8	7.1	4.7	2.7	356	15	3.42	Configure
THSP30-6.25-11	30	6.25 x 3.25 x 30.0	11	4 x 6.5	1.00 x 36 x 4	12.5	15.6	10.5	6.5	434	15	3.42	Configure
THSP30-6.25-7	30	6.2 x 2.0 x 30.0	7	4 x 6.5	1.00 x 36 x 4	12.5	32.7	24	18	528	15	3.42	Configure
THSP30-7.15-11	30	7.1 x 2.9 x 30.0	11	4 x 6.5	1.00 x 36 x 4	13.5	17.3	12.2	8.2	602	20	3.42	Configure
THSP30-7.15-7	30	7.1 x 2.9 x 30.0	7	4 x 6.5	1.00 x 36 x 4	13.5	24.3	17.8	12.8	759	20	3.42	Configure
THSP35-7.15-11	35	7.15 x 3.65 x 35.0	11	4 x 6.5	1.00 x 36 x 4	13.5	17.3	12.2	8.2	602	20	3.42	Configure
THSP35-7.15-7	35	7.15 x 3.65 x 35.0	7	4 x 6.5	1.00 x 36 x 4	13.5	24.3	17.8	12.8	759	20	3.42	Configure
THSP39-7.15-11	39	7.15 x 3.25 x 39.0	11	4 x 6.5	1.00 x 36 x 4	13.5	12.7	8.2	4.8	611	20	3.42	Configure
THSP39-7.15-7	39	7.15 x 3.25 x 39.0	7	4 x 6.5	1.00 x 36 x 4	13.5	18.7	13.1	8.8	801	20	3.42	Configure



FINISHES

Standard

BRZ	Bronze
BLK	Black
GRY	Gray
GRN	Green
WHT	White
P	Primed
NA	Natural Aluminum

Galvanized

G	Galvanized
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K-KLAD

K813	Bronze
K821	Black
K841	Gray
K891	Green
K881	White
K845	Natural Aluminum

K-KLAD Over Galvanizing

KZ13	Bronze
KZ21	Black
KZ41	Gray
KZ91	Green
KZ81	White
KZ45	Natural Aluminum

1 YEAR WARRANTY

5 YEAR WARRANTY

10 YEAR WARRANTY

MOUNTING DESIGNATIONS

Tenon Mount

2	2 3/8 " x 4 " TENON
3	2 7/8 " x 4 " TENON
3.5	3 1/2 " x 6 " TENON
4	4 " x 6 " TENON

Drill Mount

DM10	Drilled for 1 Luminaire
DM2090	Drilled for 2 Luminaires @ 90°
DM2180	Drilled for 2 Luminaires @ 180°
DM3090	Drilled for 3 Luminaires @ 90°
DM4090	Drilled for 4 Luminaires @ 90°

Gain Mount

GMT4	attachment for CXA
GMT9	attachment for CXASQ

Open Mount

OT	Open Top
OTC	Open Top includes Pole Cap

OPTIONS

There are numerous options that can be ordered. Please indicate these selections under the options column in the catalog number. Example: CPL-WPR2-BC.

Accessories

BC	Base Cover
CPL	Threaded Coupling*
NPL	Threaded Nipple*
WPR2	Weatherproof Duplex Receptacle**
WPRP	Festoon Opening**
LW	Lowering Winch***

Poles ordered with a lowering winch will be provided with one device per order unless otherwise requested.

Optional Handholes

58HH	5 " x 8 " Handhole*
410HH	4 " x 10 " Handhole*

Extra Handholes

XHH	Extra Handhole*
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Additional Simplex

1S	1 @ 0° *
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3S 3 @ 90° *
4S 4 @ 90° *

* Please advise size, location, and orientation. (Handholes are restricted by size of pole shaft diameter)

** Located 24" above baseplate and same side as handhole. (No electrical included)

*** KW Industries recommends the use of a KW lowering winch for maintenance on THSP series poles.

PACKAGING

Immediately after coating, the lighting standard including the baseplate shall be wrapped in heavy corrugation specially designed and sized to achieve maximum protection in transit.

KW Industries, Inc. coating process system and stringent quality control procedures provide our customer the finest quality lighting standards in the industry.

Printer Friendly View