



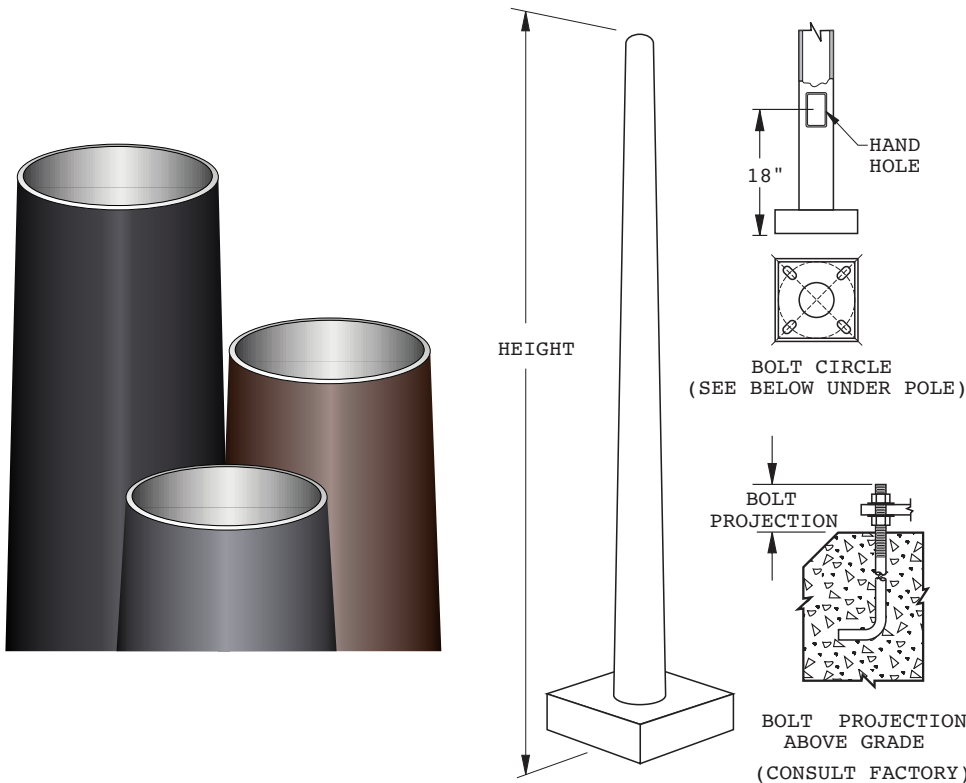
DECO® | LIGHTING

# DRTS

## Round Tapered Steel

### Job Information

Type:	
Catalog #:	
Project:	
Comments:	
Prepared by:	



### Ordering Information

Example: (DRTS-20-TN238-DM290-BZ-GLV-T3120)

Series	Pole / Bolt Circle / Anchorage	Mounting	Drill Mount	Finish	Finish Options	Option
Round Tapered Steel	<b>20</b> 20' (11ga) / 11½" BC / 1" x 36" x 4" <b>25</b> 25' (11ga) / 11½" BC / 1" x 36" x 4" <b>30</b> 30' (11ga) / 11½" BC / 1" x 36" x 4" <b>35</b> 35' (11ga) / 13½" BC / 1" x 36" x 4" <b>3911</b> 39' (11ga) / 13½" BC / 1" x 36" x 4" <b>397</b> 39' (7ga) / 13½" BC / 1½" x 42" x 6"	<b>TN238</b> 2 3/8" x 4" Tenon <b>TN278</b> 2 7/8" x 4" Tenon <b>OT</b> Other Tenon Mt.	<b>DM1</b> Drill Mount <b>DM2180</b> Drill Mount <b>DM290</b> Drill Mount <b>DM390</b> Drill Mount <b>DM490</b> Drill Mount <b>DM3120</b> Drill Mount	<b>BZ</b> Bronze <b>BL</b> Black <b>WH</b> White <b>GY</b> Grey <b>GR</b> Green <b>CU</b> Custom Paint (Consult Factory)	<b>GLV</b> Galvanized <b>PDR</b> Thermoset Polyester Powder	<b>DUP</b> Duplex Receptacle <b>GF1</b> GFI Receptacle <b>T3120</b> 3 Way Adapter <b>T490</b> 4 Way Adapter <b>RBC</b> Round Base Cover <b>CPL12</b> ½" Coupling <sup>3</sup> <b>CPL34</b> ¾" Coupling <sup>3</sup> <b>CPL2</b> 2" Coupling <sup>3</sup>

<sup>1</sup>DM290, DM390, DM490 require TN278 and T490 adapter

<sup>2</sup>DM3120 requires TN278 and T3120 adapter

<sup>3</sup>Specify coupling location



Features

- One or two piece construction fabricated from coil stock.
- Weldable, hot rolled, commercial quality carbon steel
- Minimum yield strength of 55,000 PSI
- Shaft has uniform taper of approx. .14' per foot.
- Wall thickness of 11GA or 7GA
- Base plate meets or exceeds minimum yield strength of 36,000 PSI
- Base telescopes and is circumferentially welded to pole shaft
- Slotted bolt holes provide 1" flexibility on either side of bolt circle centerline
- (4) anchor bolts fabricated from hot rolled steel bar with a minimum yield strength of 50,000PSI
- Bolts have L bend on one end and are threaded on the other end
- Bolts are fully galvanized and are furnished with two nuts and washers
- Polyester powdercoat finish
- Surface is pretreated by sand blast for maximum paint adhesion

Engineering Data

Maximum EPA - Square Feet

Catalog Number	Maximum Fixt. wgt.	100 MPH	90 MPH	80 MPH	70 MPH
DRTS-20	375	10.7	13.1	17.5	23.2
DRTS-25	325	11.8	14.3	18.7	24.4
DRTS-30	425	10.2	12.5	17.1	22.4
DRTS-35	375	10.1	12.3	17.0	22.2
DRTS-4011	350	8.6	10.8	15.5	20.9
DRTS-407	550	15.6	18.9	24.7	30.6
DRTS-4511	350	8.2	10.6	15.9	21.1
DRTS-457	550	13.2	16.5	21.3	28.1
DRTS-5011	275	6.3	8.5	11.3	15.1
DRTS-507	325	8.3	10.1	12.7	16.6

All above design calculations are based on sustained wind forces plus additional 1.3 wind gust(Example: Pole rated at 80 MPH withstands 104 MPH gusts)