

## ROUND TAPERED STEEL



### SPECIFICATIONS

**SHAFT:** ONE OR TWO PIECE CONSTRUCTION FABRICATED FROM COIL STOCK, WELDABLE GRADE, HOT ROLLED COMMERCIAL QUALITY CARBON STEEL, GUARANTEED MINIMUM YIELD STRENGTH 55,000 PSI. SHAFT HAS UNIFORM TAPER OF APPROXIMATELY .14' PER FOOT. WALL THICKNESS, 11 GA. (.120 WALL) OR 7 GA. (.180 WALL) AS SPECIFIED. FLUSH REINFORCED HAND HOLE IS FURNISHED WITH COVER. SHAFT IS FURNISHED WITH GROUND LUG LOCATED INSIDE POLE ON WALL OPPOSITE HAND HOLE.

**BASE PLATE:** FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED STEEL. MEETS OR EXCEEDS MINIMUM YIELD STRENGTH OF 36,000 P.S.I. BASE TELESCOPES AND IS CIRCUMFERENTIALLY WELDED TO POLE SHAFT. SLOTTED BOLT HOLES PROVIDE 1" FLEXIBILITY ON EITHER SIDE OF BOLT CIRCLE CENTERLINE.

**ANCHORAGE:** [4] ANCHOR BOLTS FABRICATED FROM HOT ROLLED STEEL BAR. MINIMUM YIELD STRENGTH OF 50,000 P.S.I. 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 TWO WASHERS.

**BASE COVER:** FABRICATED FROM HEAVY GAUGE QUALITY CARBON STEEL. TWO PIECE COVER CONCEALS BASE.

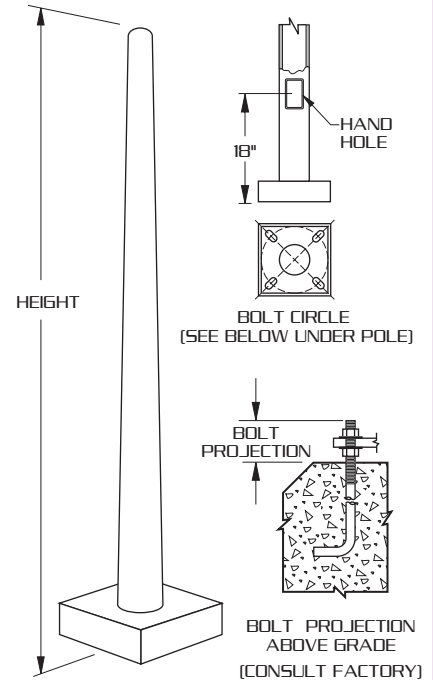
**FINISH:** POLYESTER POWDER COAT. THE METAL SURFACE IS PRETREATED BY SAND BLAST PROCESS FOR MAXIMUM PAINT ADHESION. ELECTROSTATICALLY APPLIED POLYESTER POWDER TOPCOAT IS BAKED AT 400° TEMPERATURE FOR MAXIMUM HARDNESS AND EXTERIOR DURABILITY.

# RTS SERIES

## ENGINEERING DATA Maximum EPA - Square Feet

Catalog Number	Maximum Fixt. wgt.	100 MPH	90 MPH	80 MPH	70 MPH
RTS 20-11	375	10.7	13.1	17.5	23.2
RTS 25-11	325	11.8	14.3	18.7	24.4
RTS 30-11	425	10.2	12.5	17.1	22.4
RTS 35-11	375	10.1	12.3	17.0	22.2
RTS 40-11	350	8.6	10.8	15.5	20.9
RTS 40-7	550	15.6	18.9	24.7	30.6
RTS 45-11	350	8.2	10.6	15.9	21.1
RTS 45-7	550	13.2	16.5	21.3	28.1
RTS 50-11	275	6.3	8.5	11.3	15.1
RTS 50-7	325	8.3	10.1	12.7	16.2

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)



## ORDERING INFORMATION

MODEL NO. : RTS	POLES	MOUNTING	FINISH	OPTIONS																																																							
<b>RTS</b>	<table border="1"> <thead> <tr> <th>POLE HEIGHT</th> <th>SHAFT SIZE</th> <th>WALL THICKNESS</th> <th>BOLT CIRCLE</th> <th>ANCHORAGE</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> 20-11</td> <td>20'</td> <td>6.0X3.0</td> <td>11</td> <td>11½" 1"X36"X4"</td> </tr> <tr> <td><input type="checkbox"/> 25-11</td> <td>25'</td> <td>7.0X3.5</td> <td>11</td> <td>11½" 1"X36"X4"</td> </tr> <tr> <td><input type="checkbox"/> 30-11</td> <td>30'</td> <td>8.0X4.0</td> <td>11</td> <td>11½" 1"X36"X4"</td> </tr> <tr> <td><input type="checkbox"/> 35-11</td> <td>35'</td> <td>8.5X3.5</td> <td>11</td> <td>13½" 1"X36"X4"</td> </tr> <tr> <td><input type="checkbox"/> 40-11</td> <td>40'</td> <td>9.0X3.6</td> <td>11</td> <td>13½" 1"X36"X4"</td> </tr> <tr> <td><input type="checkbox"/> 40-7</td> <td>40'</td> <td>9.0X3.6</td> <td>7</td> <td>13½" 1¼"X42"X6"</td> </tr> <tr> <td><input type="checkbox"/> 45-11</td> <td>45'</td> <td>10.0X3.7</td> <td>11</td> <td>13½" 1¼"X42"X6"</td> </tr> <tr> <td><input type="checkbox"/> 45-7</td> <td>45'</td> <td>10.0X3.7</td> <td>7</td> <td>13½" 1¼"X42"X6"</td> </tr> <tr> <td><input type="checkbox"/> 50-11</td> <td>50'</td> <td>10.0X3.0</td> <td>11</td> <td>13½" 1¼"X42"X6"</td> </tr> <tr> <td><input type="checkbox"/> 50-7</td> <td>50'</td> <td>10.0X3.0</td> <td>7</td> <td>13½" 1¼"X42"X6"</td> </tr> </tbody> </table> <p><input type="checkbox"/> OTHER HEIGHTS SPECIFY _____</p>	POLE HEIGHT	SHAFT SIZE	WALL THICKNESS	BOLT CIRCLE	ANCHORAGE	<input type="checkbox"/> 20-11	20'	6.0X3.0	11	11½" 1"X36"X4"	<input type="checkbox"/> 25-11	25'	7.0X3.5	11	11½" 1"X36"X4"	<input type="checkbox"/> 30-11	30'	8.0X4.0	11	11½" 1"X36"X4"	<input type="checkbox"/> 35-11	35'	8.5X3.5	11	13½" 1"X36"X4"	<input type="checkbox"/> 40-11	40'	9.0X3.6	11	13½" 1"X36"X4"	<input type="checkbox"/> 40-7	40'	9.0X3.6	7	13½" 1¼"X42"X6"	<input type="checkbox"/> 45-11	45'	10.0X3.7	11	13½" 1¼"X42"X6"	<input type="checkbox"/> 45-7	45'	10.0X3.7	7	13½" 1¼"X42"X6"	<input type="checkbox"/> 50-11	50'	10.0X3.0	11	13½" 1¼"X42"X6"	<input type="checkbox"/> 50-7	50'	10.0X3.0	7	13½" 1¼"X42"X6"	<p><input type="checkbox"/> 2 3/8"X4" TENON <b>PT23</b></p> <p><input type="checkbox"/> 2 7/8"X4" TENON <b>PT27</b></p> <p><input type="checkbox"/> OTHER TENON MT _____</p> <p><b>DRILL MOUNT</b></p> <p><input type="checkbox"/> 1..... </p> <p><input type="checkbox"/> 2-180... </p> <p><input type="checkbox"/> 2-90..... </p> <p><input type="checkbox"/> 3-90... </p> <p><input type="checkbox"/> 4-90... </p> <p><input type="checkbox"/> 3-120... </p> <p>2-90, 3-90, 4-90 REQUIRES <b>PT27</b> AND <b>T490</b> ADAPTER</p> <p>3-120 REQUIRES <b>PT27</b> AND <b>T3120</b> ADAPTER</p>	<p><b>STANDARD TEXTURED FINISH</b></p> <p><input type="checkbox"/> BLACK <b>RAL-9005-T</b></p> <p><input type="checkbox"/> WHITE <b>RAL-9003-T</b></p> <p><input type="checkbox"/> GREY <b>RAL-7004-T</b></p> <p><input type="checkbox"/> DRK BRONZE <b>RAL-8019-T</b></p> <p><input type="checkbox"/> GREEN <b>RAL-6005-T</b></p> <p><b>OPTION:</b></p> <p><input type="checkbox"/> PRIME PAINT PP</p> <p><input type="checkbox"/> GALVANIZED GLV</p> <p><input type="checkbox"/> THERMOSET POLYESTER POWDER <b>PDR</b></p> <p>FOR SMOOTH FINISH REMOVE SUFFIX "T" (EXAMPLE: RAL-9500)</p> <p>SEE WEBSITE FOR ADDITIONAL COLORS</p>	<p><input type="checkbox"/> DUPLEX RECEPTACLE <b>DUP</b></p> <p><input type="checkbox"/> GFI RECEPTACLE <b>GFI</b></p> <p><input type="checkbox"/> 3 WAY ADAPTER <b>T3120</b></p> <p><input type="checkbox"/> 4 WAY ADAPTER <b>T490</b></p> <p><input type="checkbox"/> ROUND BASE COVER <b>RBC</b></p> <p><input type="checkbox"/> 1/2" COUPLING <b>CPLN1/2</b></p> <p><input type="checkbox"/> 3/4" COUPLING <b>CPLN3/4</b></p> <p><input type="checkbox"/> 2" COUPLING <b>CPLN2</b> (SPECIFY COUPLING LOCATION)</p> <p>SEE ACCESSORIES SECTION FOR OTHER OPTIONS.</p>
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