



- T20..... 2.38" ϕ x 4.00" TALL
- T25..... 2.88" ϕ x 4.00" TALL
- T30..... 3.50" ϕ x 6.00" TALL
- T35..... 4.00" ϕ x 6.00" TALL
- OT..... OPEN TOP
- TSP..... SPECIAL SIZE TENON

PROJECT NAME:	TYPE:
QUOTE / ORDER No:	
APPROVED BY:	DATE:

SPECIFICATIONS

POLE SHAFT:
The pole shall be a one section design conforming to ASTM A595 Grade A or ASTM A572 Grade 55 with a constant taper rate of .14 in/ft. Pole will be cylindrical in cross-section and will have a full length longitudinal weld.

BASE PLATE:
The base plate is fabricated from a structural quality hot rolled carbon steel plate that meets or exceeds ASTM A-36 with a minimum yield strength of 36,000 psi. The base plate telescopes the pole shaft and is circumferential welded top and bottom.

BASE COVER:
The two-piece standard full base cover is fabricated from ABS plastic. Optional two-piece steel base cover also available.

ANCHOR BOLTS:
Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end in accordance with ASTM A-153.

HANDHOLE:
A reinforced hand hole, having a nominal opening of 3"x5" or 4"x6.5" will be installed 18" above the base plate. A hand hole cover with hardware will be included along with grounding provisions.

POLE TOP:
Each pole will be provided with a welded top plate and tenon or top cap for poles receiving drilling for side mount fixtures.

FINISH:
Standard color finishes shall be coated with TGIC polyester powder or hot dip galvanized to ASTM A-123 specifications.

NOTE: ANCHOR BOLT PATTERNS ARE SUBJECT TO CHANGE. CONSULT FACTORY PRIOR TO CONSTRUCTION.

CATALOG #	POLE DIMENSIONS					BASE DETAIL				ALLOWABLE MAX EPA ² & WEIGHT (lbs)																	
	HGT (FT)	Base OD (in)	Top OD (in)	Wall Thk (GA)	Structure Weight (lbs)	BASE PLATE			ANCHOR BOLTS		80 MPH		90 MPH		100 MPH		110 MPH		120 MPH		130 MPH		140 MPH		150 MPH		
						SQ (in)	THK (in)	Bolt Circle	Template	ϕ	L	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT
RTS-20-59-11	20	5.90	3.10	11	140	10.00	0.88	8.50-9.50	ABT-090-4	1.00	36	19.3	482	15.1	377	12.2	305	10.5	262	8.8	220	7.4	185	6.3	157	5.5	138
RTS-20-65-11	20	6.50	3.70	11	160	10.50	0.88	9.00-10.00	ABT-095-4	1.00	36	24.2	605	19.3	482	15.6	390	13.5	335	11.2	280	9.5	238	8.1	203	6.9	173
RTS-25-59-11	25	5.90	2.40	11	155	10.00	0.88	8.50-9.50	ABT-090-4	1.00	36	12.5	312	9.9	247	8.0	200	6.9	173	5.7	143	4.8	119	4.1	103	3.5	88
RTS-25-70-11	25	7.00	3.50	11	200	10.88	0.88	9.50-10.50	ABT-100-4	1.00	36	20.3	507	16.2	405	13.1	327	11.2	280	9.4	235	7.8	194	6.7	168	5.7	143
RTS-25-70-7	25	7.00	3.50	7	280	10.88	1.00	9.50-10.50	ABT-100-4	1.00	36	30.5	760	24.0	625	19.8	495	16.5	413	13.9	348	11.7	293	10.0	250	8.5	213
RTS-30-66-11	30	6.60	2.40	11	200	10.50	0.88	9.00-10.00	ABT-095-4	1.00	36	11.7	292	9.3	232	7.5	187	6.5	163	5.4	135	4.6	115	3.9	98	3.3	83
RTS-30-80-11	30	8.00	3.80	11	265	11.50	0.88	10.50-11.50	ABT-110-4	1.00	36	18.9	473	14.9	373	12.0	300	10.0	250	8.4	210	6.8	168	5.7	143	4.7	118
RTS-30-80-7	30	8.00	3.80	7	380	11.50	1.25	10.50-11.50	ABT-110-4	1.25	42	33.5	838	27.0	675	22.0	550	18.4	460	15.3	381	13.0	325	11.0	275	9.3	233
RTS-35-73-11	35	7.30	2.40	11	250	11.25	0.88	10.00-11.00	ABT-105-4	1.00	36	11.2	280	8.9	222	7.1	177	6.3	156	5.3	131	4.4	110	3.8	95	3.1	78
RTS-35-85-11	35	8.50	3.60	11	315	12.00	1.00	11.00-12.00	ABT-115-4	1.00	36	18.9	472	15.1	377	12.2	305	10.5	263	8.7	218	7.2	180	5.9	148	4.8	120
RTS-35-95-11	35	9.50	4.60	11	370	13.00	1.00	12.50-13.50	ABT-130-4	1.00	36	23.2	580	18.2	455	14.5	363	12.0	300	9.7	243	7.8	194	6.3	156	5.2	130
RTS-39-78-11	39	7.82	2.40	11	285	11.50	0.88	10.50-11.50	ABT-110-4	1.00	36	10.7	267	8.5	212	6.6	165	5.7	143	4.5	113	3.7	93	2.9	73	2.3	58
RTS-39-90-11	39	9.00	3.50	11	355	12.38	1.00	12.00-13.00	ABT-125-4	1.00	36	17.2	430	13.5	338	10.8	270	9.0	225	7.3	183	5.8	144	4.7	118	3.8	95
RTS-39-90-7	39	9.00	3.50	7	515	12.38	1.25	12.00-13.00	ABT-125-4	1.25	42	28.5	715	23.0	575	19.0	475	15.8	394	13.2	330	10.8	269	9.0	225	7.7	193
RTS-45-10-11	45	10.00	3.70	11	450	14.00	1.00	13.00-14.00	ABT-135-4	1.00	36	17.4	435	13.5	338	10.6	265	8.8	219	7.0	175	5.5	138	4.3	108	3.2	80
RTS-45-10-7	45	10.00	3.70	7	650	14.00	1.25	13.00-14.00	ABT-135-4	1.25	42	28.5	715	23.0	575	19.0	475	16.0	400	13.3	333	11.0	275	9.0	225	7.4	185
RTS-45-11-7	45	11.00	4.70	7	780	16.50	1.50	14.50-15.50	ABT-150-4	1.25	42	35.7	893	28.0	700	22.3	558	18.7	468	15.0	375	12.2	305	10.0	250	8.1	203
RTS-50-10-11	50	10.00	3.00	11	475	14.00	1.00	13.00-14.00	ABT-135-4	1.00	36	13.2	330	10.6	265	8.3	208	6.9	173	5.4	135	4.1	103	3.1	78	2.2	55
RTS-50-10-7	50	10.00	3.00	7	680	14.00	1.25	13.00-14.00	ABT-135-4	1.25	42	20.5	512	16.5	412	13.6	340	12.1	303	10.2	255	8.7	218	7.3	183	5.9	148
RTS-50-11-7	50	11.00	4.00	7	812	16.50	1.50	14.50-15.50	ABT-150-4	1.25	42	29.9	748	23.5	588	18.6	465	15.6	390	12.5	313	10.0	250	8.0	200	6.5	163
RTS-50-13-7	50	13.00	6.00	7	1020	18.00	1.50	17	ABT-170-4	1.50	54	50.4	1260	39.7	992	31.4	785	26.2	655	21.1	528	17.0	425	14.0	350	11.4	285
RTS-50-13-3	50	13.00	6.00	3	1335	18.50	1.75	17.50	ABT-175-4	1.75	54	69.2	1730	55.0	1375	44.2	1105	36.0	900	29.8	745	24.6	615	20.4	510	17.0	425

ORDERING CODE	CATALOG No.	BASE	FINISH	FIXTURE MOUNT	BASE COVER	OPTIONS	OPTIONS
		AB-ANCHOR BOLT LAB-LESS ANCHOR BOLTS	DB-DARK BRONZE MB-MEDIUM BRONZE WH-WHITE BL-BLACK LG-LIGHT GRAY SM-SILVER METALLIC SL-SILVER HG-HUNTER GREEN RD-RED G-GALVANIZED GPXX-PAINTED OVER GALV	D19 D28 D29 D32 D39 D49 T20 T25 T30 T35 OT TSP-ADVISE TC- TOP CAP ONLY	BC-PLASTIC (STD) BCS-STEEL BCA-ALUMINUM NC-NUT COVERS	XHH-EXTRA HANDHOLE FES-FESTOON (GFI BY OTHERS) DMP-VIBRATION DAMPER CF50-.50" COUPLING CF75-.75" COUPLING CF10-1.00" COUPLING CF20-2.00" COUPLING NF50-.50" NIPPLE NF75-.75" NIPPLE NF10-1.00" NIPPLE MBP-MODIFIED BASE PLATE	