

Tapered Round Steel Poles



Tapered Round Tenon Top Poles

Tapered Round Drilled Poles



PROJECT:

DATE:

TYPE:

PREPARED BY:

KEY FEATURES

- Tapered round steel poles designed for ground mounting
- Heavy duty **TGIC** polyester coating
- Reinforced **hand holes** with grounding lug and removable cover for easy wiring access
- Pole caps, base covers, and bolts are sold separately
- Custom manufactured for each application
- **Brown** finish for all available sizes & **black** finish optional for 20' poles with 11 gauge and 6" shaft

TECHNICAL SPECIFICATIONS

COMPLIANCE

CSA Listed

CSA W47.1

CSA W59

ASTM A123 galvanizing

Environment

Corrosion resistant

Salt spray rating: 5

Not suitable for coastal environments

Operating temperature: -20°C to 50°C

CONSTRUCTION

Pole Type/Shape

Tapered round pole

Pole Material

Steel (Q355B)

Finish

Hot-dip galvanized + bronze powder coat

Bronze: AKZO QL10TCC

Black: AKZO QN106CC

Taper Rate

0.14"/ft

Shaft

46,000 p.s.i. minimum yield.

Shaft Size

Available in 6, 7" and 8"

Access Door

Reinforced handhole included. Fuse kit not supported.

Hand Hole Dimensions

3" x 5"

Grounding

Ground lug included with grounding provisions

CONSTRUCTION (CONT'D)

Base Type

Anchor base

Base Plates

Slotted base plates 36,000 p.s.i.

Base Dimension

11" X 11"

Gauge

Available in 7 or 11 gauge

Height

7 gauge poles: Available in 20 ft, 25 ft and 30 ft height

11 gauge poles: Available in 15 ft, 20 ft, and 25 ft height

Wall Thickness

3/16" (for poles with 7 gauge) & 1/8" (for poles with 11 gauge)

Shipping Protection

All poles are shipped in individual corrugated cartons to prevent finish damage

Arm Configuration

The drilled top poles: Twin arm

Tennon top poles: Single arm

Deflection

10 ft Poles: $\leq L/50$, measured deflection: 2.4"

15 ft Poles: $\leq L/50$, measured deflection: 3.6"

20 ft Poles: $\leq L/50$, measured deflection: 4.8"

25 ft Poles: $\leq L/50$, measured deflection: 6.0"

30 ft Poles: $\leq L/50$, measured deflection: 7.2"

Anchor Bolt:

Anchor bolt kits are sold separately.

(Please refer to the mounting accessory chart)

Tapered Round Steel Poles



TECHNICAL SPECIFICATIONS

CONSTRUCTION (CONT'D)

Effective Projected Area (EPA) Ratings:

MODEL#	EPA @100mph
PTR6-11-15D2 / PTR6-11-15WT	3.7
PTR6-11-20D2 / PTR6-11-20WT	5.4
PTR7-11-25D2 / PTR7-11-25WT	7.2
PTR6-07-20D2 / PTR6-07-20WT	5.4
PTR7-07-25D2 / PTR7-07-25WT	7.2
PTR8-07-30D2 / PTR8-07-30WT	9.3
PTR6-11B-20D2 / PTR6-11B-20WT	5.4

MOUNTING ACCESSORIES

MODEL#	POLE STYLE	ANCHOR BOLT TEMPLATE*	BOLT	BASE COVER
PTR6-07-20WT	w/Tenon Top	73663-RAB	BOLT5-8	BASE-RT6
PTR7-07-25WT				BASE-RT7
PTR8-07-30WT				BASE-RT8
PTR6-11-15WT	w/Tenon Top	73663-RAB	BOLT5-8	BASE-RT6
PTR6-11-20WT and PTR6-11B-20WT				BASE-RT6
PTR7-11-25WT				BASE-RT7
PTR6-07-20D2	w/Drilled Top	73663-RAB	BOLT5-8	BCK-RT6/20
PTR7-07-25D2				BCK-RT7
PTR8-07-30D2				BCK-RT8
PTR6-11-15D2	w/Drilled Top	73663-RAB	BOLTS-8	BCK-RT6/15
PTR6-11-20D2 and PTR6-11B-20D2				BCK-RT6/20
PTR7-11-25D2				BCK-RT7

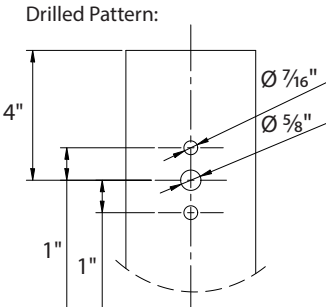
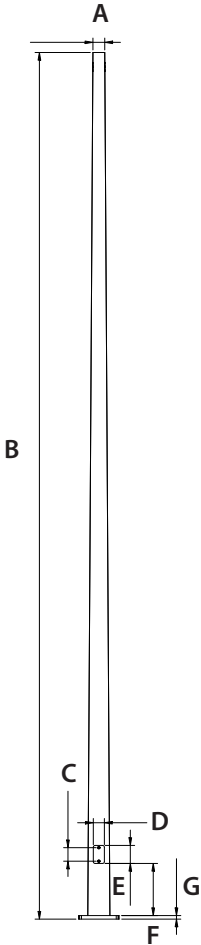
*WARNING Template must be printed on 11" x 17" sheet for actual size. CHECK SCALE BEFORE USING. Templates shipped with anchor bolts and available [online](#).

Tapered Round Steel Poles

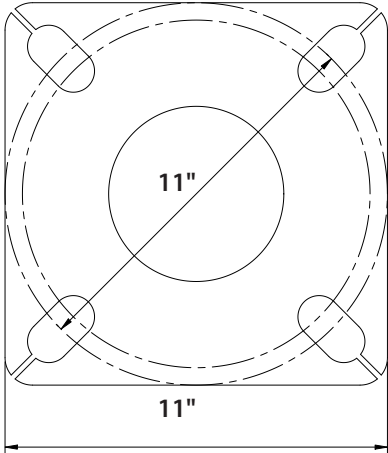


DIMENSIONS

Tapered Round Steel Poles- Drilled



Flange dimensions:



MODEL#	A	B	C	D	E	F	G
BRONZE POLES:							
PTR6-11-15D2	Ø 4"	15'	3 ¾"	3"	5"	14 ½"	1"
PTR6-11-20D2	Ø 3 ¼"	20'	3 ¾"	3"	5"	14 ½"	1"
PTR7-11-25D2	Ø 3 ½"	25'	3 ¾"	3"	5"	14 ½"	1"
PTR6-07-20D2	Ø 3 ¼"	20'	3 ¾"	3"	5"	14 ½"	1"
PTR7-07-25D2	Ø 3 ½"	25'	3 ¾"	3"	5"	14 ½"	1"
PTR8-07-30D2	Ø 3 ¾"	30'	3 ¾"	3"	5"	14 ½"	1"

BLACK POLE:

PTR6-11B-20D2	Ø 3 ¼"	20'	3 ¾"	3"	5"	14 ½"	1"
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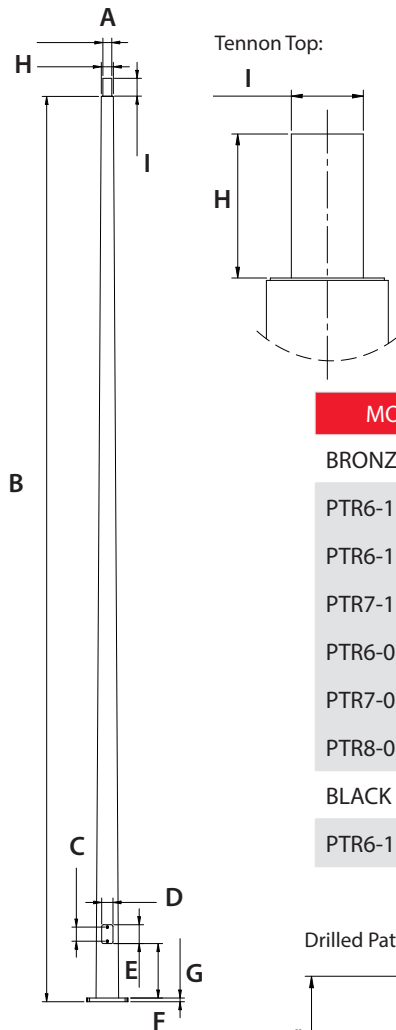
MODEL#	Pole Weight	Shipping Weight
BRONZE POLES:		
PTR6-11-15D2	115.5 lbs	135.3 lbs
PTR6-11-20D2	176.4 lbs	191.8 lbs
PTR7-11-25D2	183.0 lbs	216.0 lbs
PTR6-07-20D2	191.1 lbs	217.6 lbs
PTR7-07-25D2	261.0 lbs	294.0 lbs
PTR8-07-30D2	341.5 lbs	381.0 lbs
BLACK POLES:		
PTR6-11B-20D2	176.4 lbs	191.8 lbs

Tapered Round Steel Poles



DIMENSIONS

Tapered Round Steel Poles - Tennon Top



MODEL#	A	B	C	D	E	F	G	H	I	Weight
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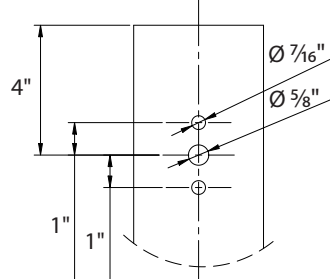
BRONZE POLES:

PTR6-11-15WT	Ø 2 3/8"	15'	3 3/4"	3"	5"	14 1/2"	1"	4"	4 3/4"	127.0 lbs
PTR6-11-20WT	Ø 2 3/8"	20'	3 3/4"	3"	5"	14 1/2"	1"	3 1/4"	4 3/4"	149.9 lbs
PTR7-11-25WT	Ø 2 3/8"	25'	3 3/4"	3"	5"	14 1/2"	1"	3 1/2"	4 3/4"	200.8 lbs
PTR6-07-20WT	Ø 2 3/8"	20'	3 3/4"	3"	5"	14 1/2"	1"	3 1/4"	4 3/4"	216.9 lbs
PTR7-07-25WT	Ø 2 3/8"	25'	3 3/4"	3"	5"	14 1/2"	1"	3 1/2"	4 3/4"	297.6 lbs
PTR8-07-30WT	Ø 2 3/8"	30'	3 3/4"	3"	5"	14 1/2"	1"	3 3/4"	4 3/4"	389.1 lbs

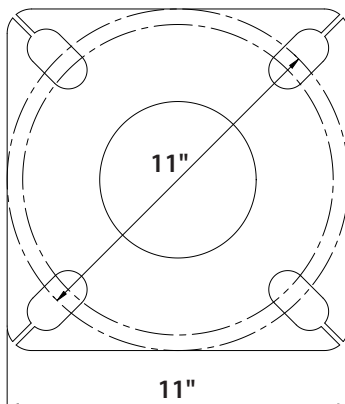
BLACK POLE:

PTR6-11B-20WT	Ø 2 3/8"	20'	3 3/4"	3"	5"	14 1/2"	1"	3 1/4"	4 3/4"	149.9 lbs
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Drilled Pattern:



Flange dimensions:



MODEL#	Pole Weight	Shipping Weight
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BRONZE POLES:

PTR6-11-15WT	117.6 lbs	137.4 lbs
PTR6-11-20WT	180.8 lbs	196.2 lbs
PTR7-11-25WT	185.0 lbs	218.0 lbs
PTR6-07-20WT	193.0 lbs	220.5 lbs
PTR7-07-25WT	263.5 lbs	296.5 lbs
PTR8-07-30WT	344.6 lbs	384.0 lbs

BLACK POLES:

PTR6-11B-20WT	180.8 lbs	196.2 lbs
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Tapered Round Steel Poles



ACCESSORIES

ACCESSORY	UPC	DESCRIPTION	Weight
POLE BASE COVERS			
BASE-R5	019813742540	5" ROUND POLE BASE COVER	6.9 lbs
BASE-RT6	019813742557	6" ROUND TAPER POLE BASE COVER BRONZE	6.8 lbs
BASE-RT6/B	192552070034	6" ROUND TAPER POLE BASE COVER BLACK	6.8 lbs
BASE-RT7	019813742564	7" ROUND TAPER POLE BASE COVER	6.6 lbs
BASE-RT8	019813742571	8" ROUND TAPER POLE BASE COVER	6.5 lbs
POLE BASE COVER AND CAP KITS			
BCK-R5	019813742489	5" ROUND POLE BASE COVER AND CAP KIT BRONZE	7.6 lbs
BCK-RT6/15	019813742496	6" ROUND TAPERED POLE 15FT BASE COVER AND CAP KIT	7.0 lbs
BCK-RT6/20	019813742502	6" ROUND TAPERED 20FT BASE COVER AND CAP KIT BRONZE	7.6 lbs
BCK-RT6/20/B	019813742502	6" ROUND TAPERED 20FT BASE COVER AND CAP KIT BLACK	7.6 lbs
BCK-RT7	019813742519	7" ROUND TAPERED BASE BASE COVER AND CAP KIT BRONZE	6.9 lbs
BCK-RT8	019813742526	8" ROUND TAPERED BASE BASE COVER AND CAP KIT BRONZE	6.7 lbs
BOLT KITS			
BOLT5-8	019813742632	POLES ANCHOR BOLT KIT 1 X 36 FOR 5/6/7/8" ROUND AND SQUARE BRONZE	33.2 lbs