

Round Steel Poles



Round Tenon Top Poles



Round Drilled Poles



PROJECT:

DATE:

TYPE:

PREPARED BY:

KEY FEATURES

- 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 15' & 20' poles with 11 gauge and 4" 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

Straight round pole

Pole Material

Steel (Q355B)

Finish

Hot-dip galvanized + bronze powder coat

Bronze: AKZO QL10TCC

Black: AKZO QN106CC

Shaft

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

Shaft Size

Available in 4" and 5"

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

Poles with 4" shaft: 8" X 8"

Poles with 5" shaft: 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 10 ft, 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)

TECHNICAL SPECIFICATIONS

CONSTRUCTION (CONT'D)

Effective Projected Area (EPA) Ratings:

MODEL#	EPA @100mph
PR4-11-10D2 / PR4-11-10WT	2.3
PR4-11-15D2 / PR4-11-15WT	3.7
PR4-11-20D2 / PR4-11-20WT	5.4
PR4-11-25D2 / PR4-11-25WT	7.2
PR4-07-20D2 / PR4-07-20WT	5.4
PR4-07-25D2 / PR4-07-25WT	7.2
PR4-07-30D2 / PR4-07-30WT	9.3
PR5-07-20D2 / PR5-07-20WT	5.4
PR5-07-25D2 / PR5-07-25WT	7.2
PR5-07-30D2 / PR5-07-30WT	9.3
PR4-11B-15D2 / PR4-11B-15WT	3.7
PR4-11B-20D2 / PR4-11B-20WT	5.4

MOUNTING ACCESSORIES

MODEL#	POLE STYLE	ANCHOR BOLT TEMPLATE*	ANCHOT BOLT KIT	BOLT	BASE COVER
PR4-07-20WT PR4-07-25WT PR4-07-30WT	w/Tenon Top	73661-RAB	ABK4-07-BASE-R4	BOLT4/7	BASE-R4
PR5-07-20WT PR5-07-25WT PR5-07-30WT	w/Tenon Top	73663-RAB	ABK5-BC-R5	BOLT5-8	BASE-R5
PR4-11-10WT PR4-11-15WT and PR4-11B-15WT PR4-11-20WT and PR4-11B-20WT	w/Tenon Top	73661-RAB	ABK4-11-BASE-R4	BOLT4/11	BASE-R4
PR4-07-20D2 PR4-07-25D2 PR4-07-30D2	W/Drilled Top	73661-RAB	ABK4-07-BCK-R4	BOLT4/7	BCK-R4
PR5-07-20D2 PR5-07-25D2 PR5-07-30D2	W/Drilled Top	73663-RAB	ABK5-BCK-R5	BOLT5-8	BCK-R5
PR4-11-10D2 PR4-11-15D2 and PR4-11-15D2 PR4-11-20D2 and PR4-11-20D2	W/Drilled Top	73661-RAB	ABK4-11-BCK-R4	BOLT4/11	BCK-R4

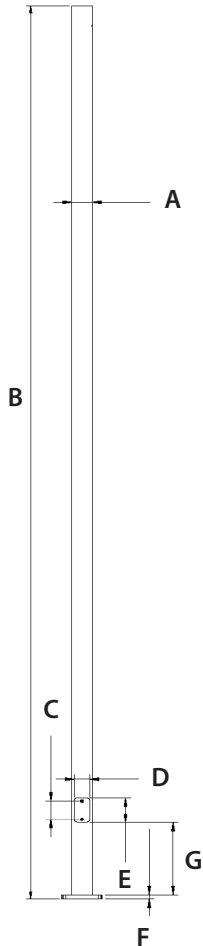
*WARNING Template must be printed on 11" x 17" sheet for actual size. CHECK SCALE BEFORE USING. Templates shipped with anchor bolts and available [online](#).

Round Steel Poles



DIMENSIONS

Round Steel Poles- Drilled



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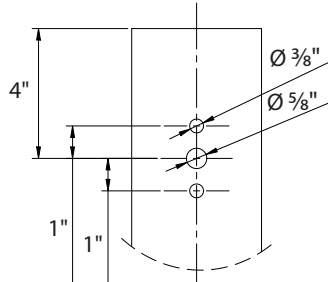
BRONZE POLES:

PR4-11-10D2	Ø 4"	10'	3 ¾"	3"	5"	¾"	14 ½"	65.3 lbs
PR4-11-15D2	Ø 4"	15'	3 ¾"	3"	5"	¾"	14 ½"	91.0 lbs
PR4-11-20D2	Ø 4"	20'	3 ¾"	3"	5"	¾"	14 ½"	117.3 lbs
PR4-11-25D2	Ø 4"	25'	3 ¾"	3"	5"	¾"	14 ½"	143.3 lbs
PR4-07-20D2	Ø 4"	20'	3 ¾"	3"	5"	¾"	14 ½"	175.3 lbs
PR4-07-25D2	Ø 4"	25'	3 ¾"	3"	5"	¾"	14 ½"	216.0 lbs
PR4-07-30D2	Ø 4"	30'	3 ¾"	3"	5"	¾"	14 ½"	256.4 lbs
PR5-07-20D2	Ø 5"	20'	3 ¾"	3"	5"	1"	14 ½"	233.0 lbs
PR5-07-25D2	Ø 5"	25'	3 ¾"	3"	5"	1"	14 ½"	284.0 lbs
PR5-07-30D2	Ø 5"	30'	3 ¾"	3"	5"	1"	14 ½"	334.9 lbs

BLACK POLES:

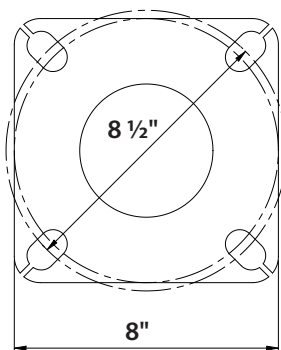
PR4-11B-15D2	Ø 4"	15'	3 ¾"	3"	5"	¾"	14 ½"	91.0 lbs
PR4-11B-20D2	Ø 4"	20'	3 ¾"	3"	5"	¾"	14 ½"	117.3 lbs

Drilled Pattern:

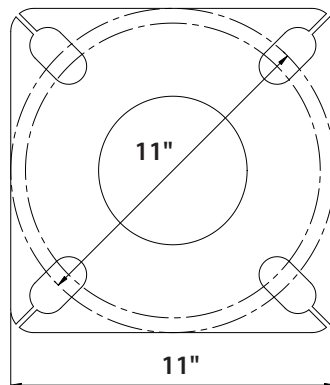


Flange dimensions:

Poles with 4" shaft:



Poles with 5" shaft:



MODEL#	Pole Weight	Shipping Weight
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BRONZE POLES:

PR4-11-10D2	60.25 lbs	73.45 lbs
PR4-11-15D2	99.21 lbs	116.84 lbs
PR4-11-20D2	121.3 lbs	149.8 lbs
PR4-11-25D2	133.7 lbs	166.7 lbs
PR4-07-20D2	155.7 lbs	182.0 lbs
PR4-07-25D2	192.7 lbs	225.8 lbs
PR4-07-30D2	223.5 lbs	263.1 lbs
PR5-07-20D2	208.5 lbs	234.9 lbs
PR5-07-25D2	254.0 lbs	287.0 lbs
PR5-07-30D2	299.5 lbs	333.9 lbs

BLACK POLES:

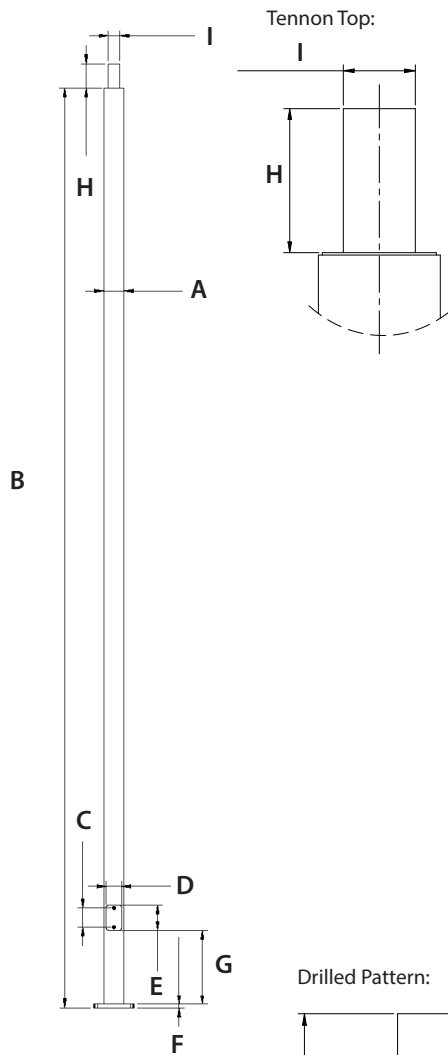
PR4-11B-15D2	99.21 lbs	116.84 lbs
PR4-11B-20D2	121.3 lbs	149.8 lbs

Round Steel Poles



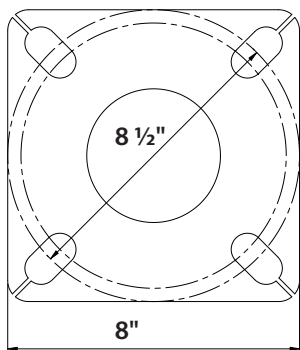
DIMENSIONS

Round Steel Poles - Tennon Top

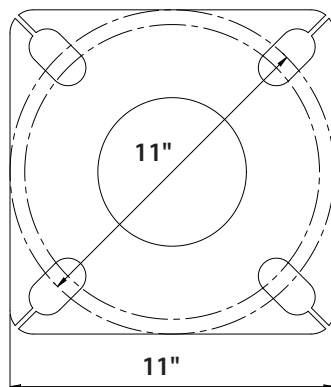


Flange dimensions:

Poles with 4" shaft:



Poles with 5" shaft:



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

PR4-11-10WT	4" X 4"	10'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"
PR4-11-15WT	4" X 4"	15'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"
PR4-11-20WT	4" X 4"	20'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"
PR4-11-25WT	4" X 4"	25'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"
PR4-07-20WT	4" X 4"	20'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"
PR4-07-25WT	4" X 4"	25'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"
PR4-07-30WT	4" X 4"	30'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"
PR5-07-20WT	5" X 5"	20'	3 3/4"	3"	5"	1"	14"	4 3/4"	2 3/8"
PR5-07-25WT	5" X 5"	25'	3 3/4"	3"	5"	1"	14"	4 3/4"	2 3/8"
PR5-07-30WT	5" X 5"	30'	3 3/4"	3"	5"	1"	14"	4 3/4"	2 3/8"

BLACK POLES:

PR4-11B-15WT	4" X 4"	15'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"
PR4-11B-20WT	4" X 4"	20'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"
PR4-11B-25WT	4" X 4"	25'	3 3/4"	3"	5"	3/4"	14"	4 3/4"	2 3/8"

MODEL#	Pole Weight	Shipping Weight
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BRONZE POLES:

PR4-11-10WT	62.4 lbs	75.6 lbs
PR4-11-15WT	103.6 lbs	121.3 lbs
PR4-11-20WT	125.7 lbs	152.0 lbs
PR4-11-25WT	135.8 lbs	168.9 lbs
PR4-07-20WT	157.8 lbs	184.1 lbs
PR4-07-25WT	193.9 lbs	227.0 lbs
PR4-07-30WT	230.0 lbs	269.6 lbs
PR5-07-20WT	211.0 lbs	237.4 lbs
PR5-07-25WT	256.6 lbs	289.6 lbs
PR5-07-30WT	302.0 lbs	341.5 lbs

BLACK POLES:

PR4-11B-15WT	103.6 lbs	121.3 lbs
PR4-11B-20WT	125.7 lbs	152.0 lbs

ACCESSORIES

ACCESSORY	UPC	DESCRIPTION	Weight
ANCHOR BOLT KITS (Template, Anchor bolt, Base Cover AND Pole Cap)			
ABK4-11-BCK-R4	192552069755	P4" RD ANCHOR BOLT KIT WITH 73661-RAB BOLT4/11 BCK-R4	20.0 lbs
ANCHOR BOLT KITS (Template, Anchor bolt AND Base cover)			
ABK4-11-BASE-R4	192552069731	P4" RD ANCHOR BOLT KIT WITH 73661-RAB BOLT4/11 BASE-R4	20.0 lbs
POLE BASE COVERS			
BASE-R4	019813742533	4" ROUND POLE BASE COVER	4.1 lbs
POLE BASE COVER AND CAP KITS			
BCK-R4	019813742472	4" ROUND POLE BASE COVER AND CAP KIT BRONZE	4.5 lbs
BCK-R4/B	192552070003	4" ROUND POLE BASE COVER AND CAP KIT BLACK	
BCK-R5	019813742489	5" ROUND POLE BASE COVER AND CAP KIT BRONZE	7.6 lbs
ROUND POLE ADAPTORS			
BRAD3	019813159393	POLE ADAPTOR FOR 2 3/8" TENON TO 3" ROUND POLE BRONZE	8.6 lbs
BRAD4	019813731797	POLE ADAPTOR FOR 2 3/8" TENON TO 4" ROUND POLE BRONZE	9.4 lbs
BOLT KITS			
BOLT4/11	019813742588	POLES ANCHOR BOLT KIT 3/4 X 18 3/4 FOR 4" 11-GAUGE ROUND AND SQUARE BRONZE	10.1 lbs
BOLT4/7	019813742595	POLES ANCHOR BOLT KIT 3/4 X 30 FOR 4" 7-GAUGE ROUND AND SQUARE BRONZE	15.7 lbs
BOLT5-8	019813742632	POLES ANCHOR BOLT KIT 1 X 36 FOR 5/6/7/8" ROUND AND SQUARE BRONZE	33.2 lbs