

Made from tapered 6" to 4" (152 to 102mm) round aluminum shaft welded over and in a 8-5/8" round (219mm) extruded-aluminum pole base which is welded top and bottom to a cast-aluminum anchor plate. After tapering and welding, the entire shaft assembly is heat-treated to T6 temper. A 4 1/2" by 10" (114 by 254 mm) maintenance opening is complete with cover and copper ground lug.

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Ordering guide

example: AMT8-F-8-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
AMT8				
AMT8	F 0.125"	8 8'	LS Provision for loudspeaker outlet	BE2TX Midnight Blue Textured
		10 10'	PH7 Button-type photoelectric cell (specify operating voltage)	BE6TX Ocean Blue Textured
		12 12'	DR Duplex receptacle (120V line voltage, only)	BE8TX Royal Blue Textured
		14 14'	GFI DR with common ground fault interrupter (120V line voltage only)	BG2TX Sandstone Gold Textured
		16 16'	BA Banner arm	BKTX Black Textured
		18 18'	PS Plant support	BRTX Bronze Textured
		20 20'	MPL Mid-pole luminaire	GN4TX Blue Green Textured
				GN6TX Forest Green Textured
				GN8TX Dark Forest Green Textured
				GNTX Green Textured
	V 0.25"	8 8'		GY3TX Medium Grey Textured
		10 10'		RD2TX Burgundy Textured
		12 12'		RD4TX Scarlet Textured
		14 14'		WHTX White Textured
		16 16'		GR Gray Sandtex
		18 18'		NP Natural Alum.
		20 20'		TG Hammer-tone
				TS Hammer-tone Silver

Note: The recommended method for calculating EPA (Effective Projected Area) is in accordance with AASHTO 2001 standards: for three seconds, the pole is tested in wind gusts equivalent to the strongest winds on record over the past 50 years, and with a 50 pound load (22.7 kg) placed at 1 foot (305 mm) above its center.

Outdoor Poles and Brackets

AMT8 – Aluminum Tapered Pole

Pole Data

Pole Family	Catalog Number	Nominal Height (ft)	Nominal Height (m)	Tenon Section (in)	Tenon Section (mm)	Wall Thickness (in)	Wall Thickness (mm)	Weight (lbs)	Weight (kg)	EPA Rating 90 MPH (sq. ft.)	EPA Rating 110 MPH (sq. ft.)	EPA Rating 120 MPH (sq. ft.)	EPA Rating 150 MPH (sq. ft.)	Anchor Bolts (in)	Anchor Bolts (mm)
AMT8	AMT8F-8	8	2.44	4	102	0.125	3.2	34	15	30	2715	22.95	14.85	3/4-20	19-508
AMT8	AMT8V-8	8	2.44	4	102	0.25	6.4	53	24	30	30	30	24.24	3/4-20	19-508
AMT8	AMT8F-10	10	3.05	4	102	0.125	3.2	39	18	29.9	20.32	17.15	11.03	3/4-20	19-508
AMT8	AMT8V-10	10	3.05	4	102	0.25	6.4	62	28	30	30	30	19.56	3/4-20	19-508
AMT8	AMT8F-12	12	3.66	4	102	0.125	3.2	43	20	23.4	15.81	13.29	8.5	3/4-20	19-508
AMT8	AMT8V-12	12	3.66	4	102	0.25	6.4	71	32	30	30	25.45	16.16	3/4-20	19-508
AMT8	AMT8F-14	14	4.27	4	102	0.125	3.2	48	22	18.77	12.58	10.56	6.69	3/4-20	19-508
AMT8	AMT8V-14	14	4.27	4	102	0.25	6.4	79	36	30	25.73	21.55	13.62	3/4-20	19-508
AMT8	AMT8F-16	16	4.88	4	102	0.125	3.2	52	24	15.36	10.18	8.54	5.35	3/4-20	19-508
AMT8	AMT8V-16	16	4.88	4	102	0.25	6.4	81	39	30	22.21	18.56	11.65	3/4-20	19-508
AMT8	AMT8F-18	18	5.49	4	102	0.125	3.2	57	26	12.35	8.05	6.67	4.11	3/4-27	19-686
AMT8	AMT8V-18	18	5.49	4	102	0.25	6.4	95	43	27.25	18.3	15.37	9.71	3/4-27	19-686
AMT8	AMT8F-20	20	6.1	4	102	0.125	3.2	61	28	9.97	6.31	5.2	3.11	3/4-27	19-686
AMT8	AMT8V-20	20	6.1	4	102	0.25	6.4	106	48	22.84	15.16	12.7	8.01	3/4-27	19-686

Specifications

Joint cover

Made from two pieces of cast-aluminum mechanically fastened to the junction with stainless steel hardware.

Base cover

Decorative base cover made from cast-aluminum pieces mechanically assembled together with stainless steel hardware around base of the pole.

Finish

Color to be in accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with \pm 1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard.

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Dimensions

