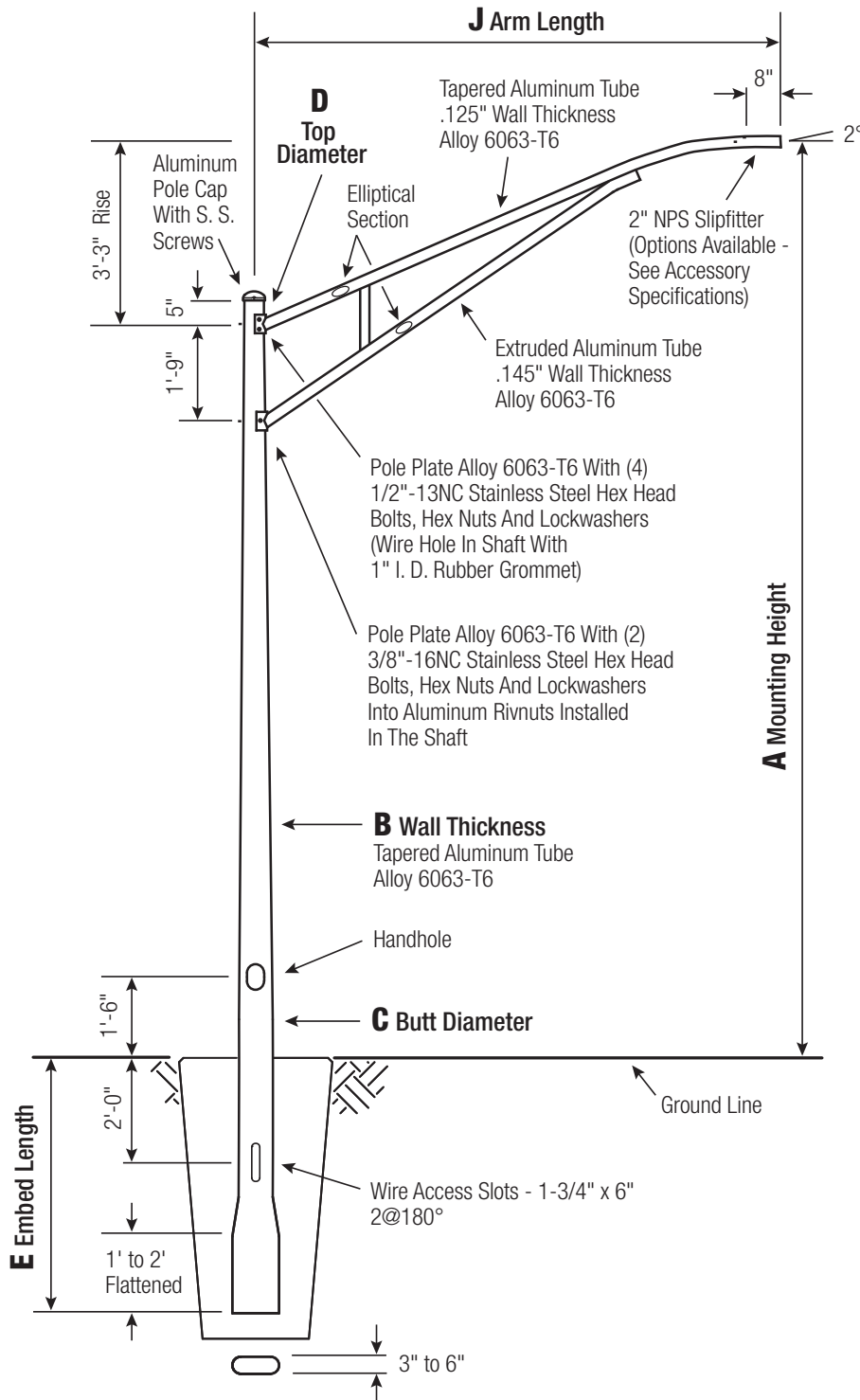


RTA

Round Tapered Aluminum Pole with Arms Single Truss — Direct Buried



Satin Aluminum or Powder Coated Finish per Customer Specification.

C BUTT DIA.	D TOP DIA.	E EMBED
7	4.5	5'
8	4.5 and 6	5'
10	6	6'

C and D Dimensions in Inches

Pole

Shaft and arm will be constructed of seamless extruded tube of 6063 Aluminum Alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated to produce a T6 temper.

Handhole

7"+ Butt Diameters - Reinforced, 4" x 6" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. Reinforced Frame will contain a tapped 3/8"-16NC Grounding Provision.



Embed Detail

Direct Buried Pole bottom section on 6"+ butt diameter poles will be partially flattened into an anti-rotational, oval cross section. Wire access will be provided 24" below ground line. Soil conditions vary by site. Foundation requirements should be determined by a qualified Structural Engineer with knowledge of jobsite soil conditions.



Vibration Damper

When determined necessary by Hapco, a Vibration Damper will be factory-installed inside the pole shaft. Customer specification of the damper is available.

A Mtg. Hgt.	B WALL THICKNESS	C BUTT DIAMETER	J ARM LENGTH	LUM. WEIGHT	MAXIMUM EPA					OLD CAT. NUMBER	CATALOG NUMBER
					90	100	110	120	130		
25	0.156"	7	8'	40	5.0	3.8	3.5	2.8	2.2	30-265	RTA25C7BET18-**-
25	0.156"	7	10'	40	3.6	2.8	2.4	1.8	1.4	30-268	RTA25C7BET1A-**-
25	0.188"	7	8'	60	5.0	3.8	3.5	2.8	2.2	30-181	RTA25D7BET18-**-
25	0.188"	7	10'	40	3.6	2.8	2.4	1.8	1.4	30-184	RTA25D7BET1A-**-
25	0.188"	7	12'	40	3.8	2.8	2.5	1.8	1.4	30-187	RTA25D7BET1C-**-
25	0.188"	8	8'	60	5.0	3.8	3.5	2.8	2.2	30-195	RTA25D8BET18-**-
25	0.188"	8	10'	40	3.6	2.8	2.4	1.8	1.4	30-198	RTA25D8BET1A-**-
25	0.188"	8	12'	40	3.8	2.8	2.5	1.8	1.4	30-199	RTA25D8BET1C-**-
25	0.188"	8	12'	40	3.8	2.8	2.5	1.8	1.4	30-237	RTA25D8CET1C-**-
25	0.188"	8	15'	40	2.8	1.9	1.6	1.1	0.6	30-239	RTA25D8CET1E-**-
25	0.219"	8	15'	40	2.8	1.9	1.6	1.1	0.6	30-214	RTA25E8BET1E-**-
30	0.156"	8	8'	40	4.8	3.6	3.4	2.6	2.0	30-601	RTA30C8BET18-**-
30	0.188"	8	8'	60	4.8	3.6	3.4	2.6	2.0	30-529	RTA30D8BET18-**-
30	0.188"	8	8'	60	4.8	3.6	3.4	2.6	2.0	30-567	RTA30D8CET18-**-
30	0.188"	8	10'	40	3.4	2.6	2.3	1.8	1.3	30-532	RTA30D8BET1A-**-
30	0.188"	8	10'	40	3.4	2.6	2.3	1.8	1.3	30-570	RTA30D8CET1A-**-
30	0.188"	8	12'	40	3.6	2.6	2.4	1.8	1.2	30-573	RTA30D8CET1C-**-
30	0.188"	8	15'	40	2.6	1.8	1.5	1.0	0.6	30-575	RTA30D8CET1E-**-
35	0.188"	8	8'	40	4.6	3.5	3.2	2.5	2.0	30-853	RTA35D8BET18-**-
35	0.188"	8	8'	60	4.6	3.4	3.2	2.5	2.0	30-889	RTA35D8CET18-**-
35	0.188"	8	15'	40	2.4	1.6	1.4	0.8	0.4	30-899	RTA35D8CET1E-**-
35	0.219"	8	8'	60	4.6	3.4	3.2	2.5	2.0	30-867	RTA35E8BET18-**-
35	0.219"	8	10'	40	3.4	2.4	2.2	1.6	1.2	30-868	RTA35E8BET1A-**-
35	0.219"	8	10'	40	3.4	2.4	2.2	1.6	1.2	30-906	RTA35E8CET1A-**-
35	0.219"	8	12'	40	3.4	2.5	2.2	1.6	1.2	30-907	RTA35E8CET1C-**-
35	0.219"	8	15'	40	2.4	1.6	1.4	0.8	0.4	30-911	RTA35E8CET1E-**-
35	0.250"	8	12'	40	3.4	2.5	2.2	1.6	1.2	30-921	RTA35F8CET1C-**-
35	0.250"	8	15'	40	2.4	1.6	1.4	0.8	0.4	30-923	RTA35F8CET1E-**-
40	0.188"	8	8'	40	4.4	3.4	3.0	2.4	1.8		RTA40D8CET18-**-
40	0.219"	8	10'	40	3.2	2.4	2.1	1.6	1.2		RTA40E8CET1A-**-
40	0.250"	8	12'	40	3.3	2.4	2.2	1.6	1.0		RTA40F8CET1C-**-
40	0.250"	8	15'	40	2.4	1.6	1.3	0.8	-		RTA40F8CET1E-**-
40	0.188"	10	8'	60	4.4	3.4	3.0	2.4	1.8		RTA40D1CET18-**-
40	0.219"	10	10'	40	3.2	2.4	2.1	1.6	1.2		RTA40E1CET1A-**-
40	0.219"	10	12'	40	3.3	2.4	2.2	1.6	1.1		RTA40E1CET1C-**-
40	0.219"	10	15'	40	2.4	1.6	1.3	0.8	-		RTA40E1CET1E-**-



Catalog Number System

The catalog number for Hapco poles utilizes the following identification system.



Catalog Number Example -

RTA 30 D 8 B E T 1 A - 01

Round Tapered Aluminum, 30' Mounting Height, .188" Wall Thickness, 8" Butt Diameter, 4.5" Top Diameter, Direct Buried, Truss Arm, Single, 10' Arm Length, Satin Aluminum Finish.

Wall Thickness

- C = .156"
- D = .188"
- E = .219"
- F = .250"

Butt Diameter

- 7 = 7"
- 8 = 8"
- 1 = 10"

Top Diameter

- B = 4.5"
- C = 6"

Base Style

- E = Direct Buried

Arm Style

- T = Truss

Arm Quantity

- 1 = Single

Arm Length

- 8 = 8'
- A = 10'
- C = 12'
- E = 15'

Finish

- O1 = Satin Aluminum
- BA = Black Powder Coat
- BH = White Powder Coat
- BM = Dark Bronze Powder Coat
- BV = Dark Green Powder Coat
- GC = Gray Powder Coat
- ** = Specify Finish

EPA Notes:

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.