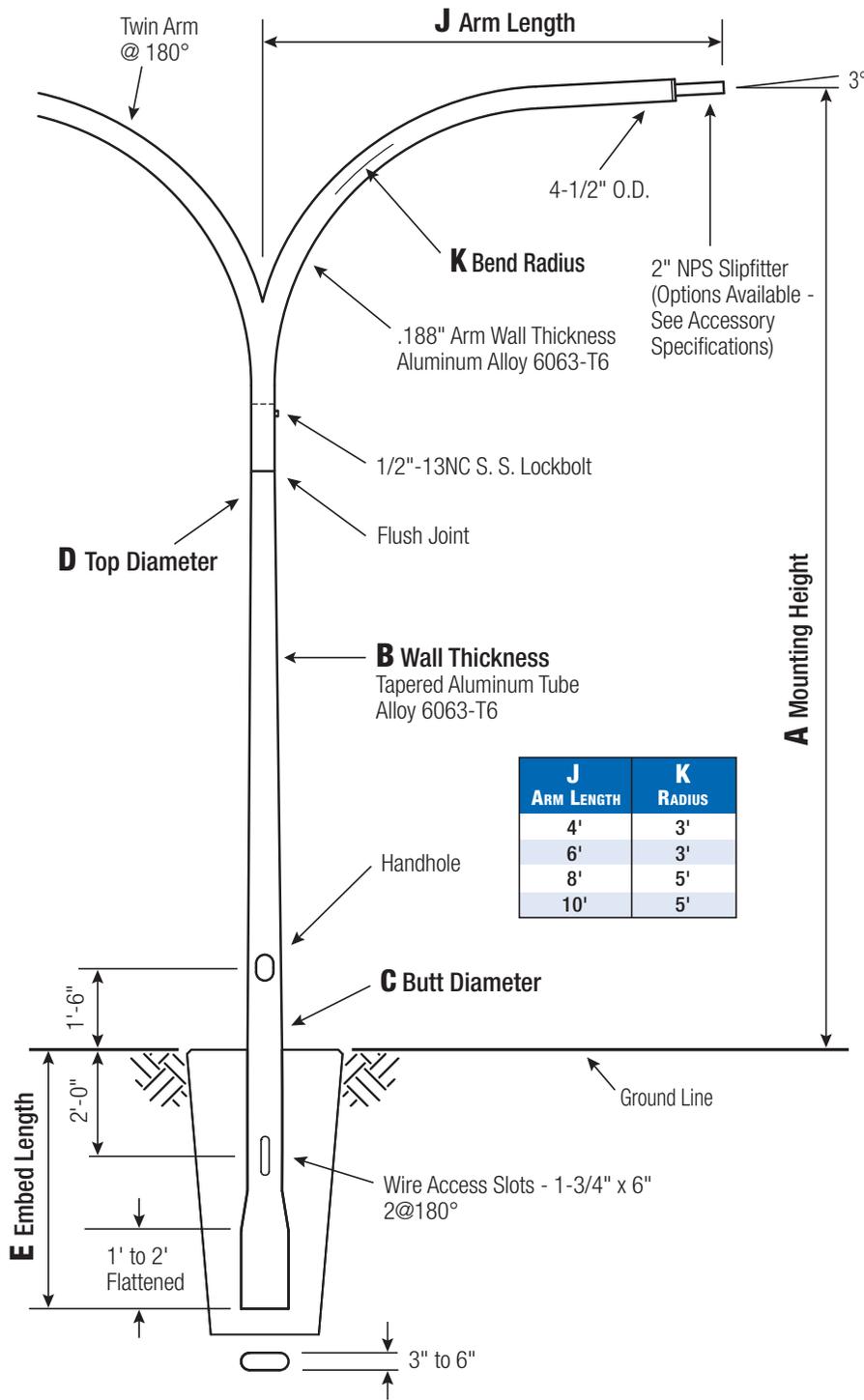


RTA

Round Tapered Aluminum Pole with Arms Double Davit — Direct Buried



Satin Aluminum or Powder Coated Finish per Customer Specification.

C BUTT DIA.	D TOP DIA.	E EMBED
6	4.5	4'
7	4.5	5'
8	4.5	5'

C and D Dimensions in Inches

Pole

Shaft and arms 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

6" Butt Diameter - Reinforced, 3" x 5" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. A Grounding Provision incorporating a 3/8" diameter hole is provided opposite the 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

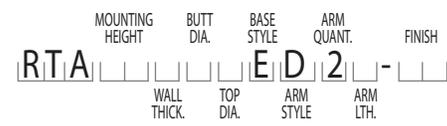
When determined necessary by Hapco, a Vibration Damper will be factory-installed inside the pole shaft. Customer specification of the damper is available.

A Mtg. Hgt.	B WALL THICKNESS	C BUTT DIAMETER	J ARM LENGTH	LUM. WEIGHT	MAXIMUM EPA PER ARM					OLD CAT. NUMBER	CATALOG NUMBER
					90	100	110	120	130		
20	0.156"	6	4'	35	7.2	5.3	4.8	3.6	2.7	49-031	RTA20C6BED24-**-
20	0.156"	6	6'	35	6.7	4.8	4.3	3.1	2.2	49-032	RTA20C6BED26-**-
20	0.188"	6	4'	35	9.2	6.8	6.2	4.8	3.8	49-001	RTA20D6BED24-**-
20	0.188"	6	6'	35	8.6	6.4	5.8	4.4	3.3	49-002	RTA20D6BED26-**-
20	0.188"	6	8'	35	8.0	5.8	5.2	3.7	2.7	49-003	RTA20D6BED28-**-
20	0.156"	7	4'	35	11.2	8.5	7.8	6.1	4.8	49-025	RTA20C7BED24-**-
20	0.156"	7	6'	35	10.6	8.0	7.2	5.6	4.4	49-026	RTA20C7BED26-**-
20	0.156"	7	8'	35	10.0	7.4	6.6	5.0	3.8	49-027	RTA20C7BED28-**-
20	0.188"	7	4'	35	13.8	10.7	9.8	7.8	6.4	49-007	RTA20D7BED24-**-
20	0.188"	7	6'	35	13.4	10.2	9.4	7.4	5.8	49-008	RTA20D7BED26-**-
20	0.188"	7	8'	35	12.8	9.6	8.8	6.8	5.2	49-009	RTA20D7BED28-**-
25	0.156"	7	4'	35	7.2	5.2	4.6	3.4	2.5	49-103	RTA25C7BED24-**-
25	0.156"	7	6'	35	6.6	4.6	4.1	2.9	2.0	49-104	RTA25C7BED26-**-
25	0.188"	7	4'	35	9.2	6.8	6.2	4.8	3.6	49-079	RTA25D7BED24-**-
25	0.188"	7	6'	35	8.6	6.3	5.6	4.2	3.1	49-080	RTA25D7BED26-**-
25	0.188"	7	8'	35	8.0	5.6	5.0	3.6	2.5	49-081	RTA25D7BED28-**-
25	0.188"	8	4'	35	11.2	8.7	8.0	6.3	5.1	49-085	RTA25D8BED24-**-
25	0.188"	8	6'	35	10.8	8.2	7.5	5.9	4.7	49-086	RTA25D8BED26-**-
25	0.188"	8	8'	35	10.2	7.6	6.9	5.3	4.1	49-087	RTA25D8BED28-**-
30	0.156"	8	4'	35	5.5	4.1	3.5	2.7	1.9	49-175	RTA30C8BED24-**-
30	0.156"	8	6'	35	5.1	3.5	3.1	2.3	1.5	49-176	RTA30C8BED26-**-
30	0.188"	8	4'	35	8.6	6.5	5.7	4.5	3.3	49-157	RTA30D8BED24-**-
30	0.188"	8	6'	35	8.1	5.9	5.3	3.9	2.9	49-158	RTA30D8BED26-**-
30	0.188"	8	8'	35	7.5	5.3	4.7	3.3	2.3	49-159	RTA30D8BED28-**-
30	0.219"	8	4'	35	11.4	8.6	7.8	6.1	4.8	49-163	RTA30E8BED24-**-
30	0.219"	8	6'	35	10.8	8.0	7.3	5.6	4.2	49-164	RTA30E8BED26-**-
30	0.219"	8	8'	35	10.2	7.4	6.6	4.9	3.6	49-165	RTA30E8BED28-**-
30	0.219"	8	10'	35	9.6	6.8	6.0	4.3	2.9	49-166	RTA30E8BED2A-**-
30	0.250"	8	4'	35	13.6	10.2	9.4	7.4	5.8	49-169	RTA30F8BED24-**-
30	0.250"	8	6'	35	13.0	9.8	8.8	6.8	5.4	49-170	RTA30F8BED26-**-
30	0.250"	8	8'	35	12.2	9.0	8.2	6.2	4.6	49-171	RTA30F8BED28-**-
30	0.250"	8	10'	35	11.6	8.4	7.6	5.6	4.0	49-172	RTA30F8BED2A-**-
35	0.188"	8	4'	35	6.3	4.3	3.9	2.7	1.9	49-229	RTA35D8BED24-**-
35	0.219"	8	4'	35	8.2	5.8	5.2	3.8	2.8	49-235	RTA35E8BED24-**-
35	0.219"	8	6'	35	7.6	5.2	4.6	3.3	2.3	49-236	RTA35E8BED26-**-
35	0.250"	8	4'	35	9.8	7.2	6.4	4.9	3.8	49-241	RTA35F8BED24-**-
35	0.250"	8	6'	35	9.2	6.6	6.0	4.4	3.2	49-242	RTA35F8BED26-**-
35	0.250"	8	8'	35	8.6	6.0	5.2	3.6	2.5	49-243	RTA35F8BED28-**-
40	0.219"	8	4'	35	5.6	3.6	3.2	2.1	1.3	49-241	RTA40E8BED24-**-
40	0.219"	8	6'	35	5.0	3.1	2.6	1.5	0.7	49-242	RTA40E8BED26-**-
40	0.250"	8	4'	35	7.0	4.8	4.2	3.0	2.1	49-241	RTA40F8BED24-**-
40	0.250"	8	6'	35	6.4	4.2	3.6	2.4	1.5	49-242	RTA40F8BED26-**-
40	0.312"	8	4'	35	9.8	7.0	6.4	4.8	3.6	49-241	RTA40G8BED24-**-
40	0.312"	8	6'	35	9.2	6.4	5.8	4.2	3.0	49-242	RTA40G8BED26-**-



Catalog Number System

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



Catalog Number Example -

RTA 30 D 8 B E D 2 6 - 01

Round Tapered Aluminum, 30' Mounting Height, .188" Wall Thickness, 8" Butt Diameter, 4.5" Top Diameter, Direct Buried, Davit Arm, Double, 6' Arm Length, Satin Aluminum Finish.

Wall Thickness

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

Butt Diameter

- 6 = 6"
- 7 = 7"
- 8 = 8"

Top Diameter

- B = 4.5"

Base Style

- E = Direct Buried

Arm Style

- D = Davit

Arm Quantity

- 2 = Double

Arm Length

- 4 = 4'
- 6 = 6'
- 8 = 8'
- A = 10'

Finish

- 01 = 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.