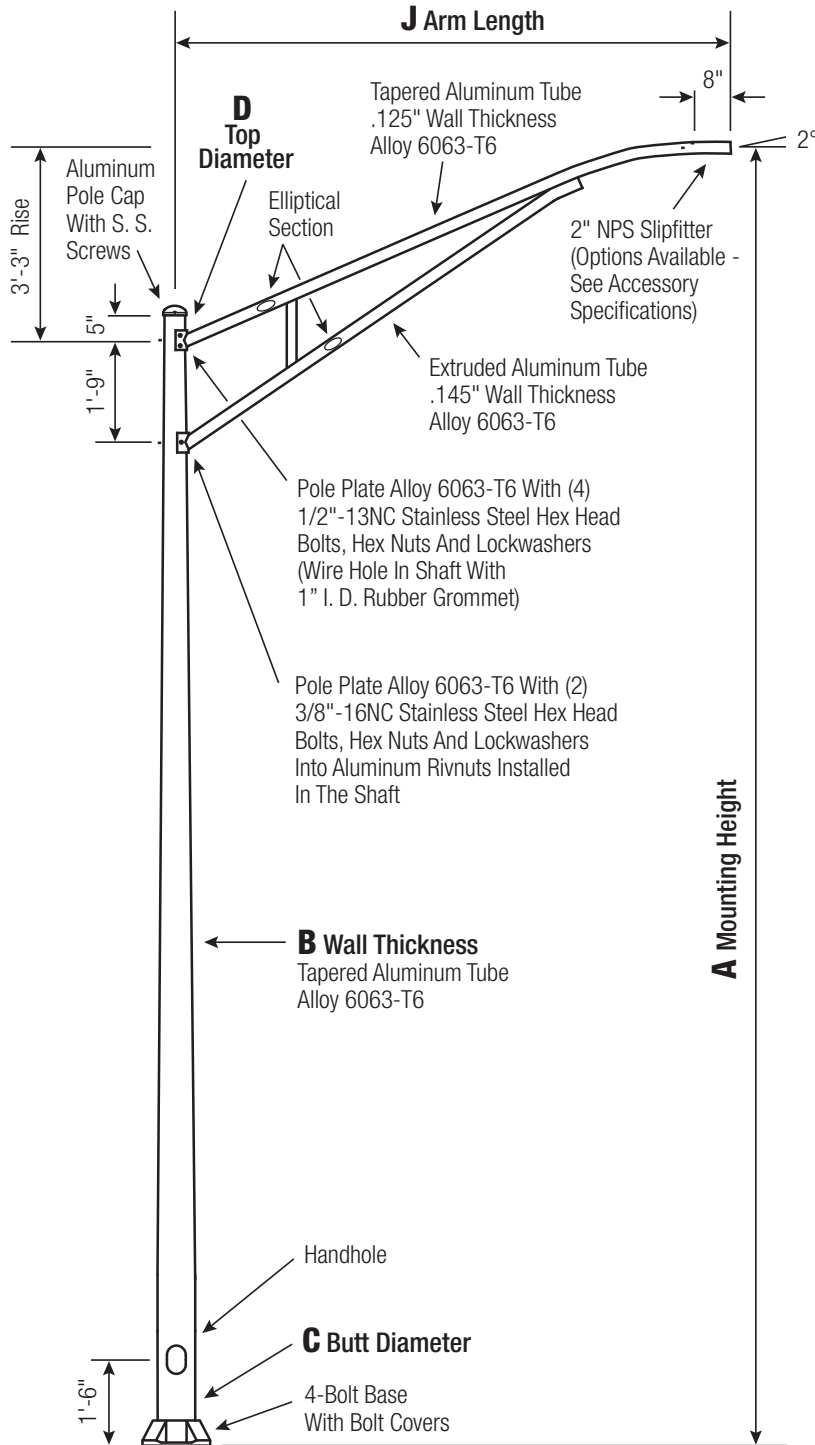


RTA

Round Tapered Aluminum Pole with Arms Single Truss — 4-Bolt Base



Satin Aluminum or Powder Coated Finish per Customer Specification.

C BUTT DIA.	D TOP DIA.	F BOLT CIR. DIA.	G BASE SQ.	H BOLT PROJ.	I BOLT SIZE
6	4.5	9 - 10	9.75	2.75	1 x 36 x 4
7	4.5	10 - 11	10.5	2.75	1 x 36 x 4
8	4.5 and 6	11 - 12	11.25	2.75	1 x 36 x 4
10	6	14 - 15	14	3.25	1 x 48 x 4

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 after base weld to produce a T6 temper.

Base Style

4-Bolt Cast Aluminum Base Flange of Alloy 356-T6 with Aluminum Bolt Covers (Alloy 356-F) and Stainless Steel Hex Head Attaching Screws.



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.

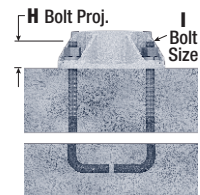
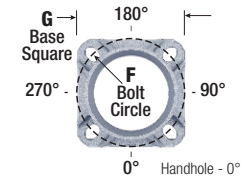
7"+ Butt Diameters - Reinforced, 4" x 6" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. Reinforced Frame will contain a tapped 3/8"-16NC Grounding Provision.



Anchorage

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153.

Kits will contain four (4) Hex Nuts, four (4) Lock Washers, and four (4) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.



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"	6	8'	40	5.0	3.8	3.5	2.4	1.6	31-325	RTA25C6B4T18-**-
25	0.188"	6	8'	60	5.0	3.8	3.5	2.8	2.2	31-169	RTA25D6B4T18-**-
25	0.156"	7	8'	40	5.0	3.8	3.5	2.8	2.2	31-265	RTA25C7B4T18-**-
25	0.156"	7	10'	40	3.6	2.8	2.4	1.8	1.4	31-268	RTA25C7B4T1A-**-
25	0.188"	7	8'	60	5.0	3.8	3.5	2.8	2.2	31-181	RTA25D7B4T18-**-
25	0.188"	7	10'	40	3.6	2.8	2.4	1.8	1.4	31-184	RTA25D7B4T1A-**-
25	0.188"	7	12'	40	3.8	2.8	2.5	1.8	1.4	31-187	RTA25D7B4T1C-**-
25	0.156"	8	8'	60	5.0	3.8	3.5	2.8	2.2	31-277	RTA25C8B4T18-**-
25	0.156"	8	10'	40	3.6	2.8	2.4	1.8	1.4	31-280	RTA25C8B4T1A-**-
25	0.188"	8	8'	60	5.0	3.8	3.5	2.8	2.2	31-195	RTA25D8B4T18-**-
25	0.188"	8	10'	40	3.6	2.8	2.4	1.8	1.4	31-198	RTA25D8B4T1A-**-
25	0.188"	8	12'	40	3.8	2.8	2.5	1.8	1.4	31-199	RTA25D8B4T1C-**-
25	0.188"	8	12'	40	3.8	2.8	2.5	1.8	1.4	31-237	RTA25D8C4T1C-**-
25	0.188"	8	15'	40	2.8	1.9	1.6	1.1	0.6	31-239	RTA25D8C4T1E-**-
25	0.219"	8	15'	40	2.8	1.9	1.6	1.1	0.6	31-214	RTA25E8B4T1E-**-
30	0.156"	7	8'	40	4.8	3.6	3.4	2.5	1.6	31-661	RTA30C7B4T18-**-
30	0.156"	8	8'	40	4.8	3.6	3.4	2.6	2.0	31-601	RTA30C8B4T18-**-
30	0.188"	8	8'	60	4.8	3.6	3.4	2.6	2.0	31-529	RTA30D8B4T18-**-
30	0.188"	8	8'	60	4.8	3.6	3.4	2.6	2.0	31-567	RTA30D8C4T18-**-
30	0.188"	8	10'	40	3.4	2.6	2.3	1.8	1.3	31-532	RTA30D8B4T1A-**-
30	0.188"	8	10'	40	3.4	2.6	2.3	1.8	1.3	31-570	RTA30D8C4T1A-**-
30	0.188"	8	12'	40	3.6	2.6	2.4	1.8	1.2	31-573	RTA30D8C4T1E-**-
30	0.188"	8	15'	40	2.6	1.8	1.5	1.0	0.6	31-575	RTA30D8C4T1E-**-
35	0.156"	8	8'	40	4.6	3.5	3.2	2.5	1.6	31-925	RTA35C8B4T18-**-
35	0.188"	8	8'	40	4.6	3.5	3.2	2.5	2.0	31-853	RTA35D8B4T18-**-
35	0.188"	8	8'	60	4.6	3.4	3.2	2.5	2.0	31-889	RTA35D8C4T18-**-
35	0.188"	8	15'	40	2.4	1.6	1.4	0.8	0.4	31-899	RTA35D8C4T1E-**-
35	0.219"	8	8'	60	4.6	3.4	3.2	2.5	2.0	31-867	RTA35E8B4T18-**-
35	0.219"	8	10'	40	3.4	2.4	2.2	1.6	1.2	31-868	RTA35E8B4T1A-**-
35	0.219"	8	10'	40	3.4	2.4	2.2	1.6	1.2	31-906	RTA35E8C4T1A-**-
35	0.219"	8	12'	40	3.4	2.5	2.2	1.6	1.2	31-907	RTA35E8C4T1C-**-
35	0.219"	8	15'	40	2.4	1.6	1.4	0.8	0.4	31-911	RTA35E8C4T1E-**-
35	0.250"	8	12'	40	3.4	2.5	2.2	1.6	1.2	31-921	RTA35F8C4T1C-**-
35	0.250"	8	15'	40	2.4	1.6	1.4	0.8	0.4	31-923	RTA35F8C4T1E-**-
40	0.188"	8	8'	45	4.4	3.4	3.0	2.2	1.3	50704-014	RTA40D8C4T18-**-
40	0.219"	8	10'	40	3.2	2.4	2.1	1.6	1.2	50704-045	RTA40E8C4T1A-**-
40	0.250"	8	8'	40	4.4	3.4	3.0	2.4	1.8	50704-053	RTA40F8B4T18-**-
40	0.250"	8	12'	40	3.3	2.4	2.2	1.6	1.1	50704-075	RTA40F8C4T1C-**-
40	0.250"	8	15'	40	2.4	1.6	1.3	0.8	-	50704-077	RTA40F8C4T1E-**-
40	0.188"	10	8'	60	4.4	3.4	3.0	2.4	1.8	50704-081	RTA40D1C4T18-**-
40	0.219"	10	10'	40	3.2	2.4	2.1	1.6	1.2	50704-097	RTA40E1C4T1A-**-
40	0.219"	10	12'	40	3.3	2.4	2.2	1.6	1.1	50704-101	RTA40E1C4T1C-**-
40	0.219"	10	15'	40	2.4	1.6	1.3	0.8	-	50704-103	RTA40E1C4T1E-**-
40	0.250"	10	12'	40	3.3	2.4	2.2	1.6	1.1	50704-114	RTA40F1C4T1C-**-



Catalog Number System

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



Catalog Number Example -

RTA 30 D 8 B 4 T 1 A - 01

Round Tapered Aluminum, 30' Mounting Height, .188" Wall Thickness, 8" Butt Diameter, 4.5" Top Diameter, 4-Bolt Base, Truss Arm, Single, 10' Arm Length, Satin Aluminum Finish.

Wall Thickness

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

Butt Diameter

- 6 = 6"
- 7 = 7"
- 8 = 8"
- 1 = 10"

Top Diameter

- B = 4.5"
- C = 6"

Base Style

- 4 = 4-Bolt Base

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.