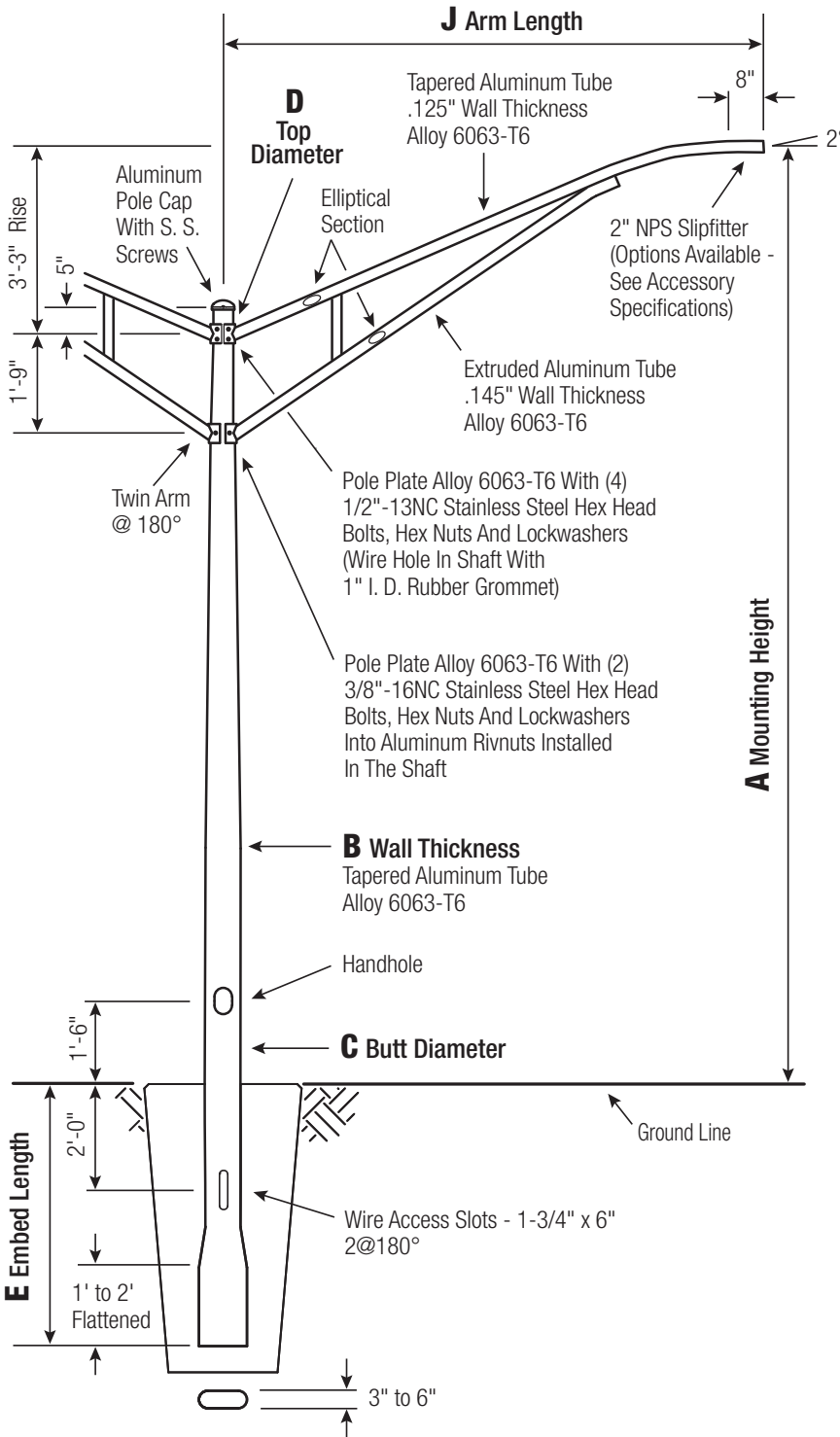


# RTA

## Round Tapered Aluminum Pole with Arms Double 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 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.

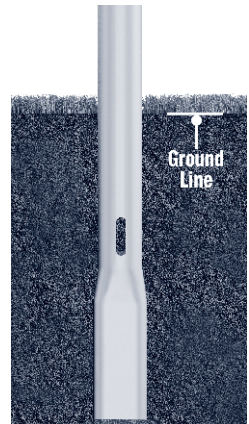
### Handhole

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

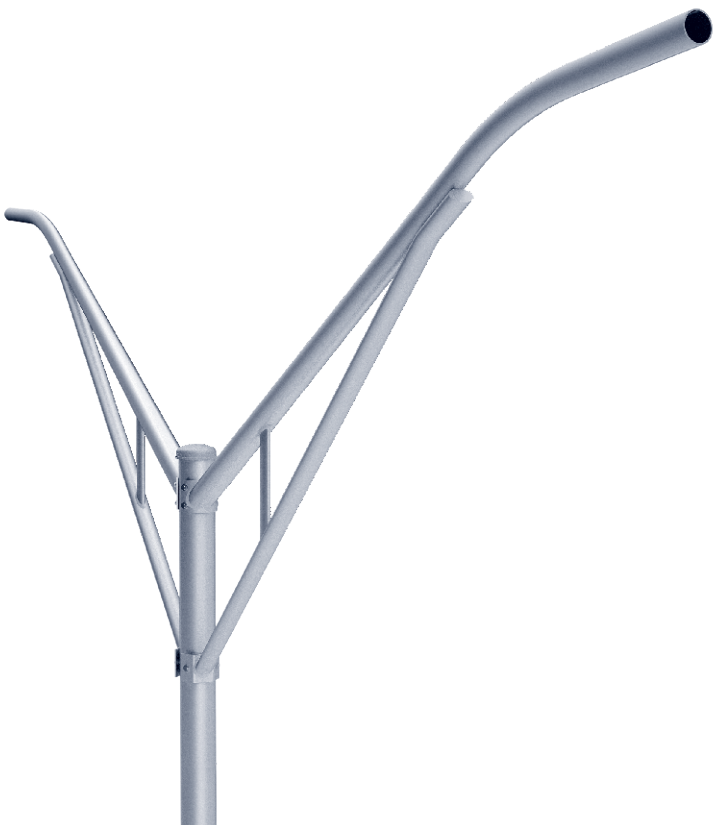
Direct Buried Pole bottom section on 6"+ butt diameter poles will be partially flattened into an anti-rotational, oval cross section. Wire access will be provided 24" below ground line. Soil conditions vary by site. Foundation requirements should be determined by a qualified Structural Engineer with 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		
25	0.156"	7	8'	45	5.0	3.8	3.5	2.6	1.8	39-265	RTA25C7BET28-**
25	0.188"	7	8'	70	5.0	3.8	3.4	2.8	2.2	39-181	RTA25D7BET28-**
25	0.156"	8	10'	40	3.6	2.8	2.4	1.8	1.4	39-280	RTA25C8BET2A-**
25	0.188"	8	8'	40	5.0	3.8	3.5	2.8	2.2	39-195	RTA25D8BET28-**
25	0.188"	8	10'	40	3.6	2.8	2.4	1.8	1.4	39-198	RTA25D8BET2A-**
25	0.188"	8	12'	40	3.8	2.8	2.5	1.8	1.4	39-199	RTA25D8BET2C-**
25	0.188"	8	15'	40	2.8	1.9	1.6	1.1	-	39-202	RTA25D8BET2E-**
25	0.219"	8	10'	40	3.6	2.8	2.4	1.8	1.4	39-210	RTA25E8BET2A-**
25	0.219"	8	12'	40	3.8	2.8	2.5	1.8	1.4	39-212	RTA25E8BET2C-**
25	0.219"	8	15'	40	2.8	1.9	1.6	1.1	0.6	39-214	RTA25E8BET2E-**
25	0.219"	8	15'	40	2.8	1.9	1.6	1.1	0.6	39-251	RTA25E8CET2E-**
30	0.156"	8	8'	55	4.5	3.1	2.7	1.9	1.3	39-601	RTA30C8BET28-**
30	0.188"	8	8'	60	4.8	3.6	3.4	2.6	2.0	39-529	RTA30D8BET28-**
30	0.188"	8	10'	40	3.4	2.6	2.3	1.8	1.3	39-532	RTA30D8BET2A-**
30	0.188"	8	12'	45	3.6	2.6	2.4	1.8	1.2	39-535	RTA30D8BET2C-**
30	0.219"	8	10'	40	3.4	2.6	2.3	1.8	1.3	39-544	RTA30E8BET2A-**
30	0.219"	8	12'	40	3.6	2.6	2.4	1.8	1.2	39-547	RTA30E8BET2C-**
30	0.250"	8	8'	40	4.8	3.6	3.4	2.6	2.0	39-555	RTA30F8BET28-**
30	0.250"	8	10'	40	3.4	2.6	2.3	1.8	1.3	39-558	RTA30F8BET2A-**
30	0.250"	8	12'	40	3.6	2.6	2.4	1.8	1.2	39-559	RTA30F8BET2C-**
30	0.250"	8	15'	40	2.6	1.8	1.5	1.0	0.6	39-562	RTA30F8BET2E-**
30	0.188"	10	15'	40	2.6	1.8	1.5	1.0	0.6	39-635	RTA30D1CET2E-**
35	0.250"	8	8'	40	4.6	3.2	2.6	1.6	1.0	39-877	RTA35F8BET28-**
35	0.250"	8	10'	40	3.4	2.4	2.2	1.2	0.4	39-880	RTA35F8BET2A-**
35	0.188"	10	8'	40	4.6	3.5	3.2	2.5	2.0	39-951	RTA35D1CET28-**
35	0.188"	10	12'	40	3.4	2.5	2.2	1.6	1.2	39-955	RTA35D1CET2C-**
35	0.188"	10	15'	40	2.4	1.6	1.4	0.8	0.4	39-959	RTA35D1CET2E-**
35	0.219"	10	10'	40	3.4	2.4	2.2	1.6	1.2	39-966	RTA35E1CET2A-**
35	0.250"	10	12'	40	3.4	2.5	2.2	1.6	1.2	39-981	RTA35F1CET2C-**
35	0.250"	10	15'	40	2.4	1.6	1.4	0.8	0.4	39-983	RTA35F1CET2E-**
40	0.250"	8	8'	40	3.0	1.4	1.0	-	-		RTA40F8BET28-**
40	0.188"	10	10'	40	3.2	2.4	2.1	1.6	1.2		RTA40D1CET2A-**
40	0.188"	10	12'	40	3.3	2.4	2.2	1.6	1.1		RTA40D1CET2C-**
40	0.250"	10	8'	40	4.4	3.4	3.0	2.4	1.8		RTA40F1CET28-**
40	0.250"	10	10'	40	3.2	2.4	2.1	1.6	1.2		RTA40F1CET2A-**
40	0.250"	10	12'	40	3.3	2.4	2.2	1.6	1.1		RTA40F1CET2C-**
40	0.250"	10	15'	40	2.4	1.6	1.3	0.8	-		RTA40F1CET2E-**



**Catalog Number System**

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



**Catalog Number Example -**

**RTA 30 D 8 B E T 2 A - 01**

Round Tapered Aluminum, 30' Mounting Height, .188" Wall Thickness, 8" Butt Diameter, 4.5" Top Diameter, Direct Buried, Truss Arm, Double, 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**

- 2 = Double

**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.