Round Straight Steel Pole
No Arm — 4-Bolt Base

Removable Pole Cap (Tenon Option Available)

D Top Diameter

B Wall Thickness
Round Straight Steel Tube
ASTM A500 Grade B Steel

Handhole - 0°

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>3</td>
<td>7.5 - 8.5</td>
<td>8</td>
<td>3.75</td>
<td>.75 x 17 x 3</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>7.5 - 8.5</td>
<td>8</td>
<td>3.75</td>
<td>.75 x 17 x 3</td>
</tr>
<tr>
<td>4.5</td>
<td>4.5</td>
<td>7.5 - 8.5</td>
<td>8</td>
<td>3.75</td>
<td>.75 x 17 x 3</td>
</tr>
<tr>
<td>5 (11 Gauge)</td>
<td>5</td>
<td>7.5 - 8.5</td>
<td>8</td>
<td>3.75</td>
<td>.75 x 17 x 3</td>
</tr>
<tr>
<td>5 (7 Gauge)</td>
<td>5</td>
<td>8 - 9</td>
<td>8.75</td>
<td>4.875</td>
<td>1 x 36 x 4</td>
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</tbody>
</table>

Pole
Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B. Options include 11 gauge and 7 gauge. All welds shall conform to AWS D1.1 using ER70S-6 electrodes.

Base Style
4-Bolt Steel Base
Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent (36 ksi minimum yield) with 2-piece Base Cover and attaching hardware.

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 eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A paper bolt circle template will be provided.

3” Butt Diameter - Reinforced, 2” x 4” Handhole with cover and stainless steel screws. A grounding provision incorporating a tapped 1/2”-13NC hole will be provided.

4”+ Butt Diameters - Reinforced, 3” x 5” Handhole with cover, stainless steel screw and backbar. A grounding provision incorporating a tapped 1/2”-13NC hole will be provided.

Base Cover
Round ABS plastic Base Covers are standard in all 11 Gauge RSS poles specified in powder coat finishes BA-Black, BM-Dark Bronze and BH-White.

Square metal powder coated Base Covers are standard in all 11 Gauge RSS poles that are specified in colors other than BA, BM, and BH and in all 7 Gauge poles in ALL COLORS. Custom specification of RSS Square Metal style Base Covers in BA, BM and BH powder coated finishes is available.

Vibration Damper
If determined necessary by Hapco an internal, factory installed, Second Mode Vibration Damper will be provided. Customer specification of the damper is available.

Dimensions in Inches

WARNING: Do not install light pole without luminaire.
RSS - Round Straight Steel Pole

**Catalog Number System**

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

<table>
<thead>
<tr>
<th>SHAFT MOUNTING</th>
<th>BUTT STYLE</th>
<th>BASE DIA</th>
<th>TOP SHAFT</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEI GHT</td>
<td>DIA.</td>
<td>STYLE</td>
<td>FINISH</td>
<td></td>
</tr>
</tbody>
</table>

**EPA Notes:**

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTP-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.

**Mounting Options**

- **Side Drill Mount**
  - Includes removable pole cap.
  - NOTE: A luminaire drilling template must be supplied at time of order.

- **Tenon Mount**
  - For Tenon Mount applications specify both Tenon diameter and length.

**Drill Mount Options**

<table>
<thead>
<tr>
<th>Butt Dia</th>
<th>Top Dia</th>
<th>Style</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>5</td>
<td>D190</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>7</td>
<td>D218</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>9</td>
<td>D312</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>D390</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>7</td>
<td>D490</td>
<td></td>
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</tbody>
</table>

**Electrical Box**

- **GF1**
  - Duplex GFI Receptacle with Cover
- **GF2**
  - Duplex GFI with In-Use Cover

**Note:** GFI Options must be specified in Accessories.

**Pole Orientation**

- **90° A**
- **180° D**
- **270° C**
- **0° B**

**Catalog Number Example**

- **RSS 20 B 4 - 4 - BH**
  - Round Straight Steel, 20’ Mounting Height, 11 Gauge, 4” Butt Diameter, No Taper, 4-Bolt Base, White Powder Coat Finish.

**Height**

- B = 0' 11° 10’
- 12’
- 14’
- 16’
- 18’
- 20’
- 22’
- 24’
- 25’
- 26’
- 30’
- 35’

**Gauge**

- B = 11 Gauge
- 3 = 3”
- 4.5 = 4.5”
- 5 = 5”

**Butt Dia**

<table>
<thead>
<tr>
<th>Top Dia</th>
<th>Butt Dia</th>
<th>Style</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>4 4-Bolt Base</td>
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</table>

**Powder Coat Colors**

- **BA** - Black Powder Coat
- **BH** - White Powder Coat
- **BM** - Dark Bronze Powder Coat
- **BV** - Dark Green Powder Coat
- **GC** - Gray Powder Coat
- **SC** - Special Colors*

**Galvanized**

- **GG** - Galvanized Only
- **BAG** - Black PC Over Galv.
- **BHG** - White PC Over Galv.
- **BMG** - Bronze PC Over Galv.
- **BVG** - Dark Green PC Over Galv.
- **GGD** - Gray PC Over Galv.
- **SCG** - Special PC Over Galv.*

* Provide RAL # or Sample Color Chip

**Drill Mount**

- **D000** - No Drilling
- **D190** - Std. “A”
- **D218** - Std. “A” & “D”
- **D312** - Std. “A” & “C” & “D” & “D”
- **D390** - Std. “A”, “D”, & “C”

**Catalog Number**

- **RSS08B3-4-**
- **RSS08B4-4-**
- **RSS10B4-4-**
- **RSS10B5-4-**
- **RSS12B4-4-**
- **RSS12B5-4-**
- **RSS14B4-4-**
- **RSS14B5-4-**
- **RSS16B4-4-**
- **RSS16B5-4-**
- **RSS18B5-4-**
- **RSS18B6-4-**
- **RSS20B4-4-**
- **RSS20B5-4-**
- **RSS22B4-4-**
- **RSS22B5-4-**
- **RSS22B6-4-**
- **RSS25B5-4-**
- **RSS25B6-4-**
- **RSS25B7-4-**
- **RSS30B5-4-**
- **RSS30B6-4-**
- **RSS30B7-4-**
- **RSS30B8-4-**
- **RSS35B5-4-**
- **RSS35B6-4-**
- **RSS35B7-4-**
- **RSS35B8-4-**
- **RSS40B6-4-**
- **RSS40B7-4-**
- **RSS40B8-4-**
- **RSS45B7-4-**
- **RSS45B8-4-**
- **RSS50B8-4-**
- **RSS55B8-4-**
- **RSS60B8-4-**

**Accessories/Options**

- **C10** - Threaded 1” Coupling**
- **C14** - Threaded 3/4” Coupling**
- **C16** - Threaded 1” Coupling**
- **EH4** - Extra Hardware**
- **GF1** - Duplex GFI Receptacle (WR) with Cover
- **GF2** - Duplex GFI (WR) with In-Use Cover
- **LA8** - Less Anchor Bolts
- **LPC** - Less Pole Cap
- **PAB** - Pre-shipped Anchor Bolt
- **VDA** - Vibration Damper**

* Add all that apply (Example: GFI-LAB-VDA)**

**Specify Height and Orientation**

* Specify Number and Orientation

**Specify Height and Orientation**

* Specify Height and Orientation