Ornamental Pole Top & Bases

Pelco’s decorative pole top and bases make the traffic signal aesthetically pleasing to the eye. In addition to the standard 4-piece, Pelco also manufactures the bases with an easy access door. Available for various pole diameters and with multiple finish options.

Ornamental Pole Top, Cast Alum,
5-1/4” - 24-1/4” Diameter Pole (36” in Height)

<table>
<thead>
<tr>
<th>Cap Size</th>
<th>Trim Color</th>
<th>Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB-5315</td>
<td>5.25</td>
<td>T_ _ = Paint</td>
</tr>
<tr>
<td></td>
<td>thru 24.25</td>
<td>PNC = Process No Color</td>
</tr>
</tbody>
</table>

Note: Cap Size available in 1” increments.

Ornamental Pole Base, 4-Piece Cast Alum,
8” - 12” Diameter Pole (27” Footprint)

<table>
<thead>
<tr>
<th>Pole Diameter</th>
<th>Trim Color</th>
<th>Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB-5354</td>
<td>8.00 thru 12.00</td>
<td>T_ _ = Paint</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PNC = Process No Color</td>
</tr>
</tbody>
</table>

Ornamental Pole Base, 4-Piece Cast Alum,
12” - 16” Diameter Pole (30” Footprint)

<table>
<thead>
<tr>
<th>Pole Diameter</th>
<th>Trim Color</th>
<th>Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB-5355</td>
<td>12.00 thru 16.00</td>
<td>T_ _ = Paint</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PNC = Process No Color</td>
</tr>
</tbody>
</table>

Ornamental Pole Base, 4-Piece Cast Alum,
10” - 26” Diameter Pole (40” Footprint)

<table>
<thead>
<tr>
<th>Pole Diameter</th>
<th>Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB-5381</td>
<td>10.00 thru 26.00</td>
</tr>
<tr>
<td></td>
<td>PNC = Process No Color</td>
</tr>
</tbody>
</table>

Note: 1. All assemblies are supplied standard with stainless hardware.
2. Contact Pelco for a complete Ornamental product catalog.
3. See Reference Section for available paint colors.
Ornamental Pole Top & Bases

Pelco’s decorative pole top and bases make the traffic signal aesthetically pleasing to the eye. In addition to the standard 4-piece, Pelco also manufactures the bases with an easy access door. Available for various pole diameters and with multiple finish options.

Ornamental Pole Base w/ Access Door, 4-Piece Cast Alum, 8” - 12” Diameter Pole (27” Footprint)

<table>
<thead>
<tr>
<th>PB-5509</th>
<th>Pole Diameter</th>
<th>Trim Color</th>
<th>Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8.00 thru 12.00</td>
<td>T_ = Paint</td>
<td>PNC=Process No Color</td>
</tr>
</tbody>
</table>

Ornamental Pole Base w/ Access Door, 4-Piece Cast Alum, 12” - 16” Diameter Pole (30” Footprint)

<table>
<thead>
<tr>
<th>PB-5510</th>
<th>Pole Diameter</th>
<th>Trim Color</th>
<th>Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12.00 thru 16.00</td>
<td>T_ = Paint</td>
<td>PNC=Process No Color</td>
</tr>
</tbody>
</table>

Ornamental Pole Base w/ Access Door, 4-Piece Cast Alum, 10” - 26” Diameter Pole (40” Footprint)

<table>
<thead>
<tr>
<th>PB-5519</th>
<th>Pole Diameter</th>
<th>Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10.00 thru 26.00</td>
<td>PNC=Process No Color</td>
</tr>
</tbody>
</table>

Note: 1. All assemblies are supplied standard with stainless hardware.
2. Contact Pelco for a complete Ornamental product catalog.
3. See Reference Section for available paint colors.
Pole & Arm Clamps

Pelco’s strain pole clamps are available in various sizes and configurations from 1-way to 4-way. All clamps are hot dip galvanized per ASTM A123.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Diameter Range</th>
<th>Material</th>
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<tbody>
<tr>
<td>AP-1003-GLV</td>
<td>Strain Pole Clamp Assy, 1-Way</td>
<td>7-1/2” - 10-1/2” Dia Pole, Steel</td>
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</tr>
<tr>
<td>AP-1051-GLV</td>
<td>Strain Pole Clamp Assy, 1-Way</td>
<td>10-1/2” - 13-1/2” Dia Pole, Steel</td>
<td></td>
</tr>
<tr>
<td>AP-1004-GLV</td>
<td>Strain Pole Clamp Assy, 2-Way</td>
<td>7-1/2” - 10-1/2” Dia Pole, Steel</td>
<td></td>
</tr>
<tr>
<td>AP-1113-GLV</td>
<td>Strain Pole Clamp Assy, 2-Way</td>
<td>10-1/2” - 13-1/2” Dia Pole, Steel</td>
<td></td>
</tr>
<tr>
<td>AP-1152-GLV</td>
<td>Strain Pole Clamp Assy, 2-Way</td>
<td>13-1/2” - 16-1/2” Dia Pole, Steel</td>
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</tr>
<tr>
<td>AP-1005-GLV</td>
<td>Strain Pole Clamp Assy, 3-Way</td>
<td>7-1/2” - 10-1/2” Dia Pole, Steel</td>
<td></td>
</tr>
<tr>
<td>AP-1006-GLV</td>
<td>Strain Pole Clamp Assy, 4-Way</td>
<td>7-1/2” - 10-1/2” Dia Pole, Steel</td>
<td></td>
</tr>
</tbody>
</table>

Note: All assemblies are supplied standard with galvanized hardware.
Pole & Arm Clamps

Pelco’s strain pole clamps are available in various sizes and configurations from 1-way to 4-way. All clamps are hot dip galvanized per ASTM A123.

AP-1053-GLV  Strain Pole Clamp Assy, 2-Piece w/ Eyelet 7-1/2” - 8-1/4” Dia Pole, Steel

AP-1054-GLV  Strain Pole Clamp Assy, 2-Piece w/ Eyelet 8-1/4” - 8-3/4” Dia Pole, Steel

AP-1055-GLV  Strain Pole Clamp Assy, 2-Piece w/ Eyelet 9” - 10” Dia Pole, Steel

AP-1056-GLV  Strain Pole Clamp Assy, 2-Piece w/ Eyelet 10” - 11” Dia Pole, Steel

AP-1072-GLV  Strain Pole Clamp Assy, 2-Piece w/ Eyelet 10-3/4” - 11-3/4” Dia Pole, Steel

AP-1057-GLV  Strain Pole Clamp Assy, 2-Piece w/ Eyelet 12” - 13” Dia Pole, Steel

AP-1122-GLV  Strain Pole Clamp Assy, 2-Way 2-Piece w/ Eyelet 7-1/2” - 8-1/4” Dia Pole, Steel

Note: All assemblies are supplied standard with galvanized hardware.
ITC Access Compartments

Pelco’s ITC, Integral Terminal Compartment and Hand Hole, is an industry standard that has a low profile and unobstructed opening. The fold-out terminal plate provides for easier wiring access. Available with three terminal block options.

**ITC Access Compartment w/ Door**

3/8” x 4-3/4” x 27” w/ 12 Circuit

<table>
<thead>
<tr>
<th>AP-1083</th>
<th>Terminal Block</th>
<th>Double Fuse Block</th>
<th>Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>85A = Compression</td>
<td>Blank = None</td>
<td>PNC = Process No Color</td>
</tr>
<tr>
<td></td>
<td>65A = Compression</td>
<td>3AF = 3 Amp Fuse</td>
<td>P_ _ = Paint</td>
</tr>
<tr>
<td></td>
<td>30A = Barrier Strip</td>
<td>10F = 10 Amp Fuse</td>
<td></td>
</tr>
</tbody>
</table>

**ITC Access Compartment w/ Door**

Fold out Terminals

3/8” x 4-3/4” x 27” w/ 12 Circuit

<table>
<thead>
<tr>
<th>AP-1125</th>
<th>Terminal Block</th>
<th>Double Fuse Block</th>
<th>Coating</th>
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<tbody>
<tr>
<td></td>
<td>85A = Compression</td>
<td>Blank = None</td>
<td>PNC = Process No Color</td>
</tr>
<tr>
<td></td>
<td>65A = Compression</td>
<td>3AF = 3 Amp Fuse</td>
<td>P_ _ = Paint</td>
</tr>
<tr>
<td></td>
<td>30A = Barrier Strip</td>
<td>10F = 10 Amp Fuse</td>
<td></td>
</tr>
</tbody>
</table>

Note: 1. All assemblies are supplied standard with stainless steel fasteners.
2. See Reference Section for available paint colors.
ITC Access Compartments

Pelco’s ITC, Integral Terminal Compartment and Hand Hole, is an industry standard that has a low profile and unobstructed opening. The fold-out terminal plate provides for easier wiring access. Available with three terminal block options.

AP-1087-PNC  ITC Cover Assembly, Vacuum formed ABS

AP-1081-PNC  Double Fuse Block Kit, 600V, 3 Amp Fuse

AP-1117-PNC  Double Fuse Block Kit, 600V, 10 Amp Fuse, Texas Spec

Note: All assemblies are supplied standard with stainless steel fasteners.
ITC Access Compartments

Pelco’s ITC, Integral Terminal Compartment and Hand Hole, is an industry standard that has a low profile and unobstructed opening. The fold-out terminal plate provides for easier wiring access. Available with three terminal block options.

AP-1082-PNC  Terminal Block Assy, 85 Amp, 600V Compression Terminal Block w/ Hardware and Copper Ground Connector

Note: Terminal block conductor range for 85 Amp compression block option is 1-#18 thru 4-#10 per screw.

AP-1065-PNC  Terminal Block Assy, 65 Amp, 600V Compression Terminal Block w/ Hardware and Copper Ground Connector

Note: Terminal block conductor range for 65 Amp compression block option is 1-#18 thru 3-#12 per screw.

AP-1074-PNC  Terminal Block Assy, 30 Amp, 300V Terminal Strip Barrier Type w/ Hardware and Copper Ground Connector

Note: All assemblies are supplied standard with stainless steel fasteners.
Typical Strain Pole

Pelco fabricates a variety of steel and aluminum mast arms and poles, ornamental or custom structures. Pelco offers numerous finishes from hot dip galvanized to powder coating. The strain pole clamp can be supplied in various sizes in 1-way thru 4-way options.

### Material Specifications

<table>
<thead>
<tr>
<th>Material</th>
<th>Specification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pole</td>
<td>ASTM A-595</td>
<td>Galv (if required)</td>
</tr>
<tr>
<td>Pole</td>
<td>ASTM A-36</td>
<td>Anodized</td>
</tr>
<tr>
<td>MISC. PLATE &amp; BAR</td>
<td>ASTM A-36</td>
<td>Anodized</td>
</tr>
<tr>
<td>ANCHOR BOLT</td>
<td>ASTM A-563</td>
<td>Anodized</td>
</tr>
<tr>
<td>ANCHOR BOLT NUT</td>
<td>ASTM A-563</td>
<td>Anodized</td>
</tr>
</tbody>
</table>

Note:
1. Hot dip galvanized after fabrication.
2. Contact Pelco with specific requirements.

### Pole Base and Anchor Bolt Detail

- **Hand Hole Detail**
  - 5 x 8" Hand Hole
  - Hex. nuts provided for plumbing pole (8 req’d)
  - 7" projection above base
  - Flatwasher (8 req’d)
  - Anchor bolts (4 req’d)
  - Pole pre-drilled to accept nut covers
  - Screw, soc. button hd. (4 req’d)
  - Nut cover (4 req’d)
  - Electrical conduit

- **Strain Pole Clamp 1 thru 4-Way**
  - TUBE BUTT DIAMETER
  - 14" 2"-4.1/2 NC x 90°
  - 13" 1-3/4"-5 NC x 90°
  - 12" 1-1/2"-6 NC x 60°

- **Hand Hole Ring 1/4" x 1-1/2" steel strap (ASTM #A-36)**
- 12 ga. formed galv hand hole cover
- Screw, soc. button hd.
- Formed retaining strap
- 5" x 8" hand hole opening
- Tapped hole in frame for grounding
- Formed retaining strap
Pelco fabricates a variety of steel and aluminum mast arms and poles, ornamental or custom structures. Pelco offers numerous finishes from hot dip galvanized to powder coating. The ITC access compartment makes wiring and maintenance trouble free.

**Typical Mast Arm & Pole**

Note: Contact Pelco with specific requirements.
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**Foundation Anchors**

Pelco’s foundation anchors feature a top plate which enables the bolt head to be inserted after the anchor is in place. This eliminates the necessity of digging under the plate to install base bolts. Plate scrapers loosen the soil for easy bolt installation from top of the plate. The bolt is held by the plate scraper which prevents it from turning.

**Note:**
1. Foundation anchors are hot dip galvanized per ASTM A123.
2. All assemblies are supplied with Grade 5 Galvanized Bolts.
3. All assemblies with hardware are bagged in a nylon weatherproof bag.

**PB-5369-GLV**  **Foundation Anchor Assy, 3" Sch 40 x 4’-0” 4-1/2” to 6-1/2” Bolt Circle, 1/2”-13NC Hardware**

Note:
For residential, ornamental, and walkway lighting with small bases. (wt. 46 lbs.)

**PB-5508-GLV**  **Foundation Anchor Assy, 3½” Sch 40 x 4’-0” 4-1/2” to 6-1/2” Bolt Circle, 1/2”-13NC Hardware**

Note:
For residential, ornamental, and walkway lighting with small bases. (wt. 43 lbs.)
**Foundation Anchors**

Pelco’s foundation anchors feature a top plate which enables the bolt head to be inserted after the anchor is in place. This eliminates the necessity of digging under the plate to install base bolts. Plate scrapers loosen the soil for easy bolt installation from top of the plate. The bolt is held by the plate scraper which prevents it from turning.

**PB-5364-GLV**  
**Foundation Anchor Assy, 4” Sch 40 x 4’-8”**  
**8-1/4” to 14-3/4” Bolt Circle**  
**3/4”-10NC Hardware**

Note:
For residential lights, parking lots, and street lights. Typically for pole heights up to 16’. (wt. 94 lbs.)

Note:  
1. Foundation anchors are hot dip galvanized per ASTM A123.  
2. All assemblies are supplied with Grade 5 Galvanized Bolts.  
3. All assemblies with hardware are bagged in a nylon weatherproof bag.
Foundation Anchors

Pelco’s foundation anchors feature a top plate which enables the bolt head to be inserted after the anchor is in place. This eliminates the necessity of digging under the plate to install base bolts. Plate scrapers loosen the soil for easy bolt installation from top of the plate. The bolt is held by the plate scraper which prevents it from turning.

**Foundation Anchor Assy, 6” Sch 40 x Length 9” to 14” Bolt Circle 1”-8NC Hardware**

PB-5537 - GLV

<table>
<thead>
<tr>
<th>Length</th>
<th>48=4'-0&quot;</th>
<th>60=5'-0&quot;</th>
<th>72=6'-0&quot;</th>
<th>84=8'-0&quot;</th>
</tr>
</thead>
</table>

![Diagram of Foundation Anchor Assy, 6” Sch 40 x Length 9” to 14” Bolt Circle 1”-8NC Hardware]

Note:

1. Foundation anchors are hot dip galvanized per ASTM A123.
2. All assemblies are supplied with Grade 5 Galvanized Bolts.
3. All assemblies with hardware are bagged in a nylon weatherproof bag.
Foundation Anchors

Pelco’s foundation anchors feature a top plate which enables the bolt head to be inserted after the anchor is in place. The carriage bolts, in the hardware kit, are locked in place by the slots in the top plate, preventing them from turning.

PB-5534-GLV  **Foundation Anchor Assy, 8” Sch 20 x 5’-0”**
**11” to 17” Bolt Circle**
**1”-8NC Hardware**

Note:
For street and highway lighting. Typically for poles ranging from 30’-50’ in height. (wt. 184 lbs.)

PB-5375-GLV  **Foundation Anchor Assy, 8” Sch 40 x 5’-0”**
**13” to 18” Bolt Circle**
**1-1/4”-7NC Hardware**

Note:
For street and highway lighting. Typically for poles ranging from 30’-50’ in height. (wt. 239 lbs.)

Note: 1. Foundation anchors are hot dip galvanized per ASTM A123.
2. All assemblies are supplied with Grade 5 Galvanized Bolts.
3. All assemblies with hardware are bagged in a nylon weatherproof bag.
**Foundation Anchors**

Pelco’s foundation anchors feature a top plate which enables the bolt head to be inserted after the anchor is in place. The carriage bolts, in the hardware kit, are locked in place by the slots in the top plate, preventing them from turning.

---

**PB-5535-GLV**  
**Foundation Anchor Assy, 10” Sch 20 x 10’-0”**  
**13-1/2” to 17” Bolt Circle**  
**1”-8NC Hardware**

Note: Designed to be stabilized in concrete footing. Typically for poles up to 30’ in height. (wt. 359 lbs.)

---

**SP-6360-GLV**  
**Foundation Anchor Assy, 8” Sch 20 x 5’-0”**  
**8” to 11” Bolt Circle, 3/4”-10NC Hardware**

Note: Designed to be stabilized in concrete footing. Typically for poles up to 30’ in height. (wt. 141 lbs.)

---

Note: 1. Foundation anchors are hot dip galvanized per ASTM A123.  
2. All assemblies are supplied with Grade 5 Galvanized Bolts.  
3. All assemblies with hardware are bagged in a nylon weatherproof bag.
Foundation Anchors

Various accessories are available to assist in installation of foundation anchors and anchor bolts.

---

Driver Adapter for Foundation Anchor Steel

PB-0604-ZN1

Note: Required to connect the Kelly Bar adapter (not supplied) to the foundation anchor for installation. Special hole pattern permits installation of foundation anchors having bolt circle diameters of 9" to 14-3/4". Zinc 1 Finish.

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PB-0602-GLV Shim, 1/16” x 2” x 2” Galvanized Steel

PB-0603-GLV Shim, 1/8” x 2” x 2” Galvanized Steel

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AP-3085-PNC Anchor Bolt Template, ABS Plastic

- Quick, easy set-up in minutes
- 41 different bolt circle patterns, 5-1/2” to 25-1/2”
- Easy guide divots every 1/2”
- Reusable

The Bolt Template is a reusable “tool” used for layout of bolts to be used in concrete for the future installation of poles. Constructed of UV stabilized ABS plastic, the Bolt Template may be used for various bolt patterns from 5-1/2” up to 25-1/2”. Accepts multiple conduits through the center with the capacity for up to two 2” conduits and multiple smaller conduits at one time.

Note: See Section T11 for anchor bolt sets and cages.