

# SPECIFICATION

## Triton Clamp Kit, Cable Mount

### DESIGN:

**Application:** The Triton Clamp Kit is a universal mounting component for traffic signal, camera, sensor, and sign assemblies. The Triton Clamp Kit is easy to install and provides adjustability to properly support and position the complete assembly.

**Adjustability:** The clamp kit is capable of being rotated as shown in Figure 1. The male clamp is capable of rotating 60° in either the vertical or horizontal mounting options to the female clamp. The female clamp rotates 360° around the supporting arm or pole. Additional adjustability for position of the assembly is provided by the tube saddle on the male clamp.

**Attachment:** Three stainless bands attaches the clamp kit to any supporting structure between 4-1/2" and 22" in diameter without any special tools or equipment (wood poles are not recommended as a support structure). The saddle clamp attaches any 2-3/8" diameter pipe/ tube that further supports the assembly.

**Wiring:** The Triton Clamp Kit will accommodate (3) 1/2" cables which are concealed by running the conductors through the unobstructed center openings.

**Hardware:** Each clamp kit is supplied complete with all bolts, nuts, and washers to allow installation of the clamp kit.

**Band Sub-Assembly:** The 5/8" x 0.05" stainless steel band has a minimum yield strength of 38 KSI.

| Clamp Screw Kit:             | Minimum Yield Strength |
|------------------------------|------------------------|
| Stainless Band Clamp.....    | 31 KSI                 |
| Stainless Clamp Screw.....   | 30 KSI                 |
| Galvanized Clamp Screw.....  | 50 KSI                 |
| Aluminum Bearing Washer..... | 50 KSI                 |

### MATERIAL:

Aluminum castings have a minimum yield strength of 20 KSI.

Aluminum extrusions have a minimum yield strength of 31 KSI.

Stainless Hardware has a minimum yield strength of 30 KSI.

All castings are free from casting defects, blemishes, and excessive foundry grinding marks.

### CAPACITY:

When properly installed the clamp kit will perform as follows:

The male to female connection has a minimum rotating moment of 600 ft-lb.

The clamp kit to a 4.5" diameter supporting structure has a minimum rotational moment of 600 ft-lb.

### INSTRUCTIONS:

Installation instruction Pelco Bulletin 2052 Triton Cable Mount is included, identifying proper installation and specific torque values.

### FINISH:

Aluminum surfaces are treated to resist atmospheric corrosion per Pelco Specification 3112 Trivalent Chromate Conversion Coating.

Powder coating is available per Pelco Specification 3099 Standard Powder Coat Finish.

### OPTIONS: (may be specified)

1. Technical information and prints are available for application engineering on the intended use.
2. Material certifications are available (if requested before manufactured).

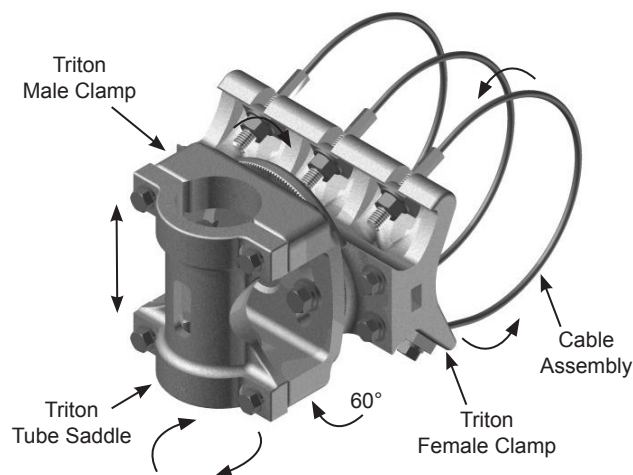


Figure 1