

SPECIFICATION

Atlas Clamp Kit, Articulating Slip Tenon Mount

DESIGN:

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

Adjustability: The clamp kit can rotate 360° on the tenon and the articulating saddle can rotate 45° as shown in Figure 1. Additional adjustability for position of the assembly is provided by the v-bolts in the male clamp half.

Attachment: A one-piece articulating tenon arm slips over a 2-3/8" OD pipe tenon and secures with set screws and a through bolt. The v-bolts in the male clamp half attach any 1-7/8" diameter pipe/tube that further supports the assembly.

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

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

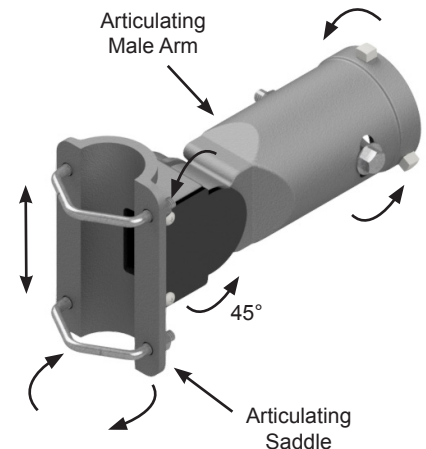


Figure 1

MATERIAL:

Cast aluminum alloys have minimum yield strength of 22 KSI.

Hardware stainless alloys have minimum yield strength of 30 KSI.

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

CAPACITY:

When properly installed the Atlas Articulating Tenon Mount Clamp Kit will perform as follows:

The male to female connection has a minimum rotating moment of 700 ft-lb.

The clamp kit attached to a 2-3/8" OD pipe tenon has a minimum rotational moment of 700 ft-lb.

INSTRUCTIONS:

Installation instruction Pelco Bulletin 2099 Atlas Articulating Slip Tenon 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).