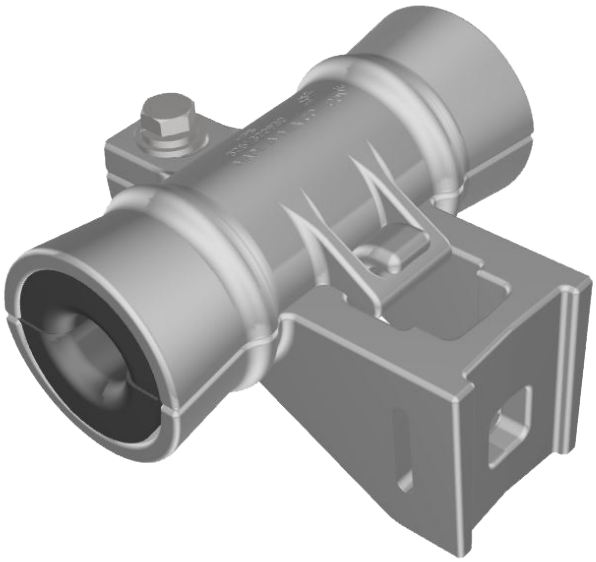
Fixed Aluminum ADSS Suspension Clamp

Instructions



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PRODUCT INTENDED USE

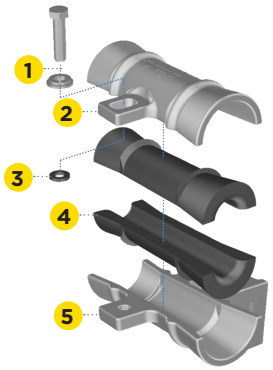
The Hubbell Fixed Aluminum Suspension Clamp is intended for use on All Dielectric Self-Supporting (ADSS) fiber optic cable and can be used in tangent suspension for spans up to 600 ft. with 30° max turning angle.

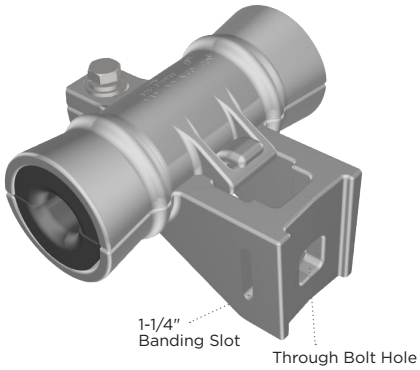
PRODUCT INFORMATION

BODY: Aluminum
INSERT: Polyurethane
HARDWARE: Galvanized steel, Neoprene

ASSEMBLY:

1. 3/8" bolt and washers
2. Clamp top casting
3. Hardware retaining washer
4. Interchangable inserts
5. Hanging clamp base casting





SAFETY INSTRUCTIONS:
The instructions in the document are not intended as a substitute for proper training or adequate experience in the safe installation and operation of the product described. Only competent technicians familiar with this product should install, operate and service it.

PRE-INSTALLATION INSTRUCTIONS

MOUNTING OPTIONS:
The Hubbell Fixed Aluminum Suspension Clamp may be installed with either a through bolt or band.

THROUGH BOLT:
For wooden poles or poles with through holes, the suspension clamp is secured directly to the pole with a 5/8" through bolt at all intermediate poles with angles less than 30° and perpendicular to the cable route (Figure 1).

BANDING:
For metal or concrete poles or poles without through holes, the suspension clamp is secured directly to the pole with 1-1/4" stainless steel banding hardware (HPS part# CBAB5840) at all intermediate poles with angles less than 30° and perpendicular to the cable route (Figure 2).

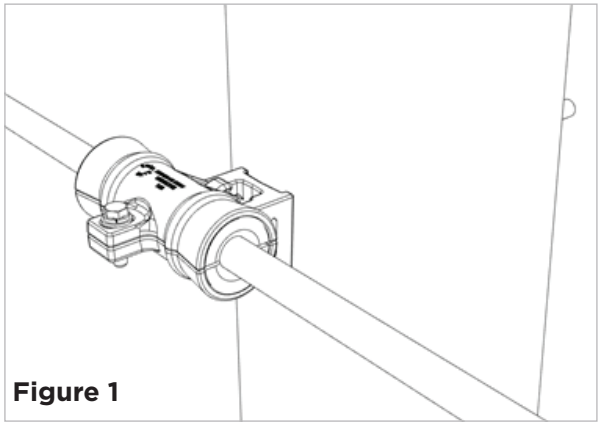


Figure 1

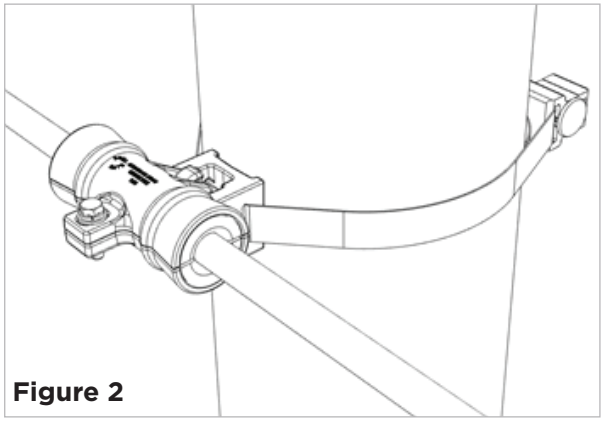


Figure 2

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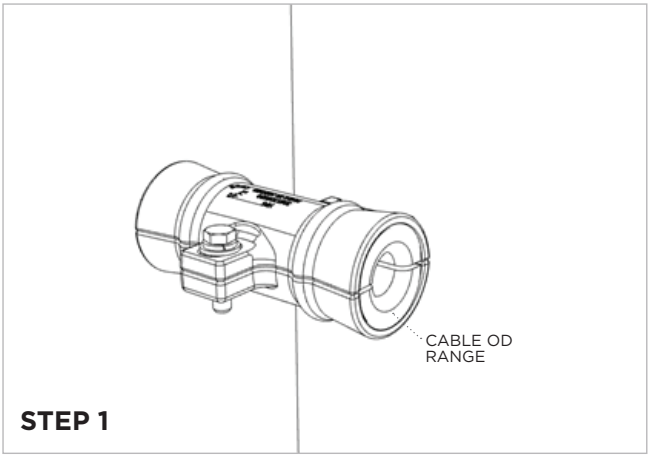
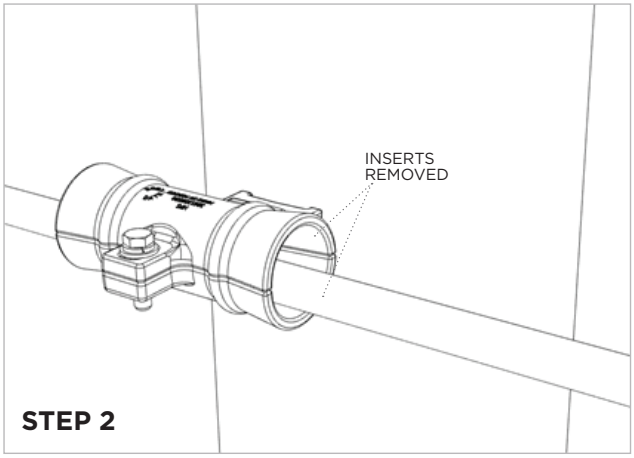
PRODUCT INSTALLATION AND USE INSTRUCTIONS

Step 1: After determining proper clamp mounting locations and appropriate mounting method, the Fixed Aluminum Suspension Clamp can be installed on intermediate poles. Prior to installation, inspect the product to ensure all parts are included and without defects. Also, the Suspension Clamp should be sized to fit the specific cable OD being installed. The application OD range is molded into the end of the interchangeable inserts. (See Step 1 Diagram)

NOTICE: Failure to inspect product before installation and failure to confirm suspension clamp is appropriate for specific cable OD being installed could result in failure of product to perform as necessary and/or property damage.

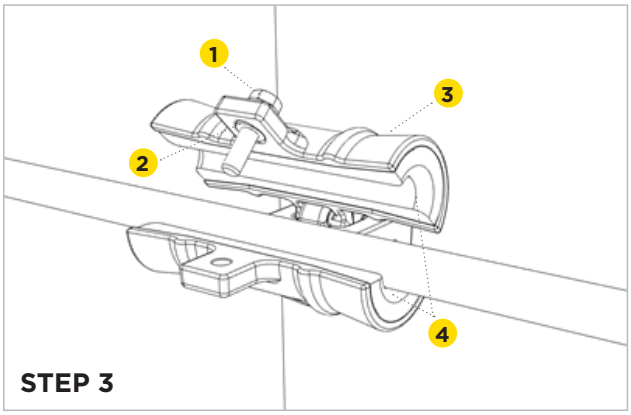
Step 2: Tension and deadend the cable at terminating poles consistent with the cable manufacturer's tension and sag requirements. The Hubbell Fixed Aluminum Suspension Clamp housing's flared ends and smooth interior surfaces allow the clamp to be used for the support and routing of cable during stringing applications. If using the product as a stringing block, ensure inserts are removed and clamp housing is securely closed with the 3/8" bolt tightened to a recommended maximum torque of 180 in./lb. Then proceed to Step 3 below.

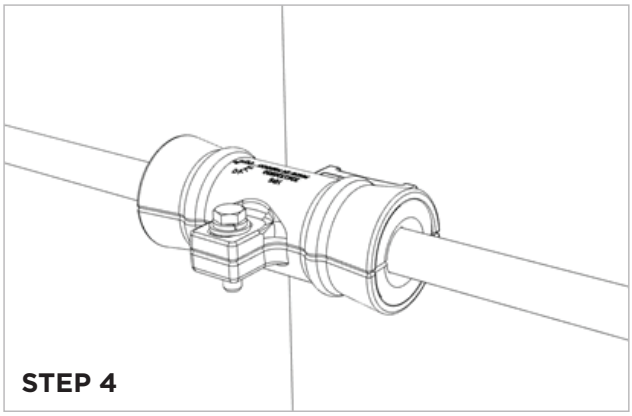




Step 3: Open the suspension clamp housing by loosening the assembly's 3/8" bolt (1). The hardware is made captive by a neoprene retaining grommet (2) to prevent loss of hardware. Allow the housing top casting (3) to hinge open enough to allow installation of the cable, ensuring that the interchangeable inserts (4) are properly seated within the two housing castings. (See Step 3 Diagram)

Step 4: After installing cable, close housing and tighten 3/8" bolt to recommended maximum torque of 180 in/lbs. (See Step 4 Diagram)





These instructions do not claim to cover all details or variations in equipment, nor to provide for all possible conditions to be met with concerning installation, operation, or maintenance of this equipment. If further information is desired or if particular problems are encountered which are not sufficiently covered in this guide, contact Hubbell Power Systems, Inc.

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