

Clamps, Aerial Cable Messenger



1. Scope

This standard covers the requirements for aerial cable messenger clamps.
This standard applies to Seattle City Light Stock No. 581348.

2. Application

Clamps are used to secure the aerial cable messenger and aerial self-support duct to wood poles.

Clamps require a 5/8 in x 14 in bolt, lock washer and nut to install.

See SCL 5650.30 for Aluminum Automatic Feed-Through Deadend Guy, SCL 7140.25 for Aerial Self-Support Duct, and SCL 7141.25 for Aerial Self-Support Duct Hardware.

3. Industry Standards

Clamps shall meet the applicable requirements of the latest revision of the following industry standards:

ASTM A153 - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware

ASTM A536 - Standard Specification for Ductile Iron Castings

4. Requirements

Clamps shall have the following attributes:

- Ductile iron material
- Hot-dip galvanized
- Physical design and dimensions as shown in Table 4 and Figure 4
- 5/8" hole tapped in clamp base
- Top hook supports cable during installation.

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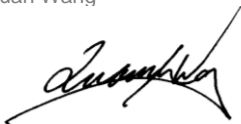


Figure 4. Aerial Cable Messenger Clamp Dimensions

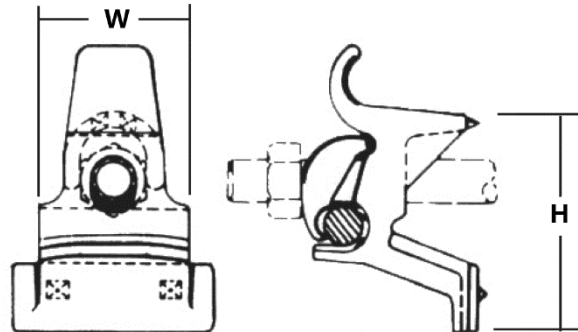


Table 4. Aerial Cable Messenger Clamp Dimensions (in)

Width (W)	Height (H)	Mounting Bolt Size	Messenger Range (dia.)	Pole Offset
3	2-5/8	5/8	7/32 - 9/16	1-1/2

5. Marking

Clamps shall be legibly marked with the following:

- Manufacturer name or trademark
- Catalog number
- Messenger size

6. Packaging

Clamps shall be packaged to prevent damage during shipping, handling, and storage.

Clamps shall be shipped assembled.

Standard packages shall be legibly marked with the following information:

- Manufacturer identification
- Product catalog part number
- Product description
- SCL stock number

Each shipping container shall be legibly marked with the following information:

- Seattle City Light purchase order number

7. Issuance

EA

8. Approved Manufacturers

Manufacturer	Catalog No.
Hubbell Power Systems / Chance	ASC2
MacLean Power Systems	MB-62

9. References

SCL Material Standard 5650.30; “Deadend, Guy, Aluminum Automatic Feed-Through”

SCL Material Standard 7140.25; “Aerial Self-Support Duct”

SCL Material Standard 7141.25, “Aerial Self-Support Duct Hardware”

10. Sources

Stock Catalog Page 65-9; March 6, 2015

Hubbell Aerial Suspension Clamp, drawing number SAASC2, (EC92082415)

www.hubbell.com

www.macleantpower.com

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