

## Bolts, Galvanized, Oval Eye



### 1. Scope

This standard covers the requirements for oval eye bolts.

This standard applies to the Seattle City Light (SCL) stock numbers cited in Table 4.

### 2. Application

Oval eye bolts have many uses in overhead line construction such as securing clevises, links, and dead-end insulators.

### 3. Industry Standards

Oval eye bolts shall meet the applicable requirements of the following industry standard:

**IEEE C135.80-2012**; IEEE Standards for Fasteners for Overhead Line Construction

### 4. Requirements

Oval eye bolts and nuts shall meet the requirements listed in Table 4 and IEEE C135.80.

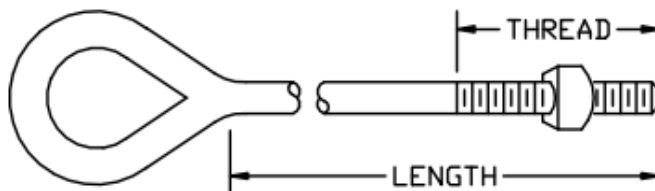
Oval eye bolts are supplied with a threaded end and one assembled square nut. Nuts shall not be supplied loose in the box.

Oval eye bolts and nuts shall be made of hot-rolled steel produced by open-hearth, basic oxygen, or electric furnace process.

**Table 4. Requirements for Oval Eye Bolts**

Stock No.	Diameter (in)	Length (in)	Tensile Strength (lb)	Thread Length (in)
561010	1/2	10	7700	4
561106	5/8	6	12,400	3
561108	5/8	8	12,400	4
561110	5/8	10	12,400	4
561112	5/8	12	12,400	6
561114	5/8	14	12,400	6
561116	5/8	16	12,400	6
561118	5/8	18	12,400	6
561120	5/8	20	12,400	6
561122	5/8	22	12,400	6
561210	3/4	10	18,300	6
561212	3/4	12	18,300	6
561214	3/4	14	18,300	6

**Figure 4. Measurement for Oval Eye Bolts**



## 5. Packaging

Each standard package shall be legibly marked with the following information:

- Manufacturer's identification
- Product description
- Seattle City Light stock number
- Quantity

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

- Manufacturer's identification
- Country of origin
- Product description
- Seattle City Light purchase order number
- Seattle City Light stock number

## 6. Issuance

Stock Unit: EA

## 7. Approved Manufacturers

The following are approved manufacturers:

- Hubbell Power Systems (formerly Chance)
- Kortick Manufacturing
- Eaton (formerly Cooper Power Systems)
- MacLean Power Systems

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## 8. Sources

**SCL Material Standard 5610.1**; "Bolts Galvanized, Oval Eye" (canceled)

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