

Washers, Zinc-Plated Steel, Lock, External-Tooth, Large-Diameter, 1/2-Inch



1. Scope

This standard covers the requirements for large diameter, 1/2-inch, external tooth, zinc-plated steel washers.

This standard applies to Seattle City Light (SCL) Stock No. 014537.

2. Application

Large-diameter lock washers are used to replace missing parts associated with brackets used for overhead construction, such as for cutout/arrester mounting brackets.

3. Industry Standards

Large-diameter lock washers shall meet the applicable requirements of the latest revision of the following industry standards:

ANSI/ASME B18.12; Glossary of Terms for Mechanical Fasteners

ANSI/ASME B18.21.1; Washers: Helical Spring-Lock, Toth Lock, and Plain Washers (Inch Series)

ASTM B695; Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel

4. Requirements

Large-diameter lock washers shall meet the requirements shown in Table 4.

Table 4. Large Diameter Lock Washer Requirements

Material	Steel
Coating	Zinc-plated
Diameter	
Inside, nominal (in)	0.545
Outside, nominal (in)	1.375
Thickness before galvanizing (in)	0.055–0.070

5. Packaging

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

Quantity per box: 100

Individual packages shall be legibly marked with:

- Manufacturer name
- Manufacturer catalog number
- Product description
- SCL stock number

Shipping containers shall be legibly marked with:

- SCL purchase order number
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6. Issuance

Stock Unit: EA

7. Approved Manufacturer

Manufacturer	Part No.
Hubbell Power Systems, Inc.	055848P

8. Sources

Neuansourinh, Ponet; SCL Standards Engineer and originator of 7880.36
ponet.neuansourinh@seattle.gov)

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