

## Duct Plugs, Blank



### 1. Scope

This standard covers the requirements for blank duct plugs.

This standard applies to the following Seattle City Light (SCL) stock numbers:

Stock No.	Trade Size (in)
012387	2
012388	4
012389	5

Duct plugs are also known as conduit duct plugs, rubber duct plugs, compression duct plugs, mechanical duct plugs, expandable duct plugs, and JackMoons.

### 2. Application

Blank duct plugs prevent the intrusion of water and sedimentation into duct banks and raceway systems while also confining potential problems like dangerous vapors to their source.

Each blank plug is equipped with a rope tie device to allow the securing of pull rope to the plug's back compression plate. Installers can attach the rope to the back compression plate of the plug and store excess slack rope behind the plug within the conduit system for future use.

Standard Coordinator  
Muneer Shetab

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### 3. Requirements

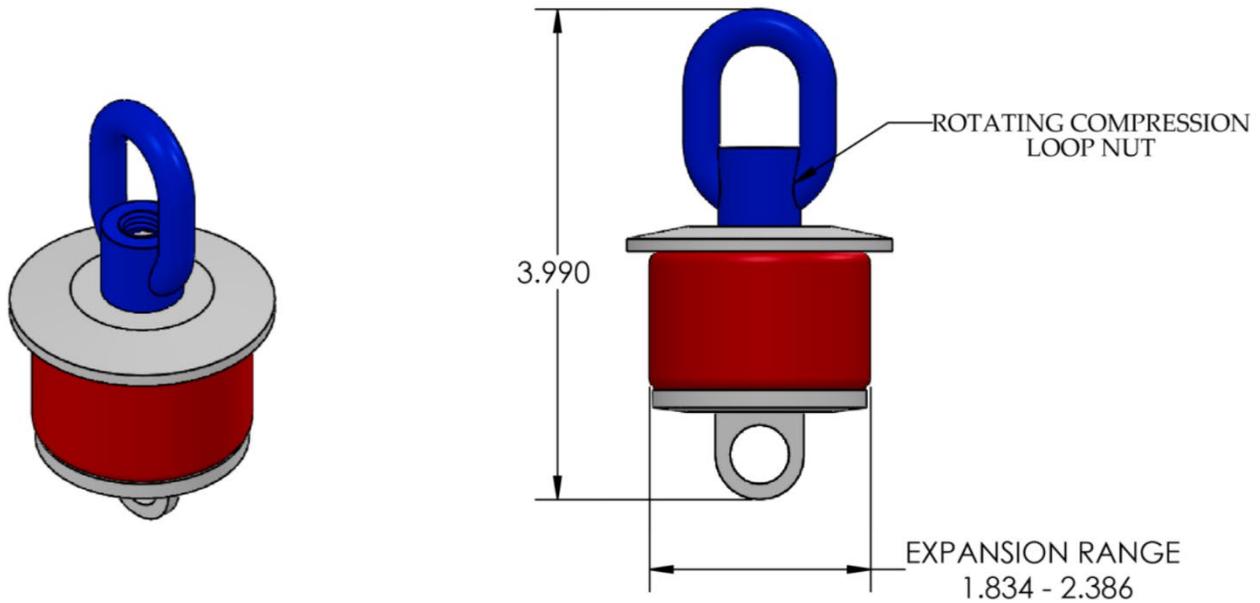
Blank duct plugs shall have the following attributes:

<b>Construction</b>	High-impact plastic
<b>Seal</b>	Water and air resistant
<b>Tie point type</b>	Rotating compression loop-nut
<b>Usability</b>	Reusable
<b>Dimensions (in)</b>	See figures 3.1a through 3.1c

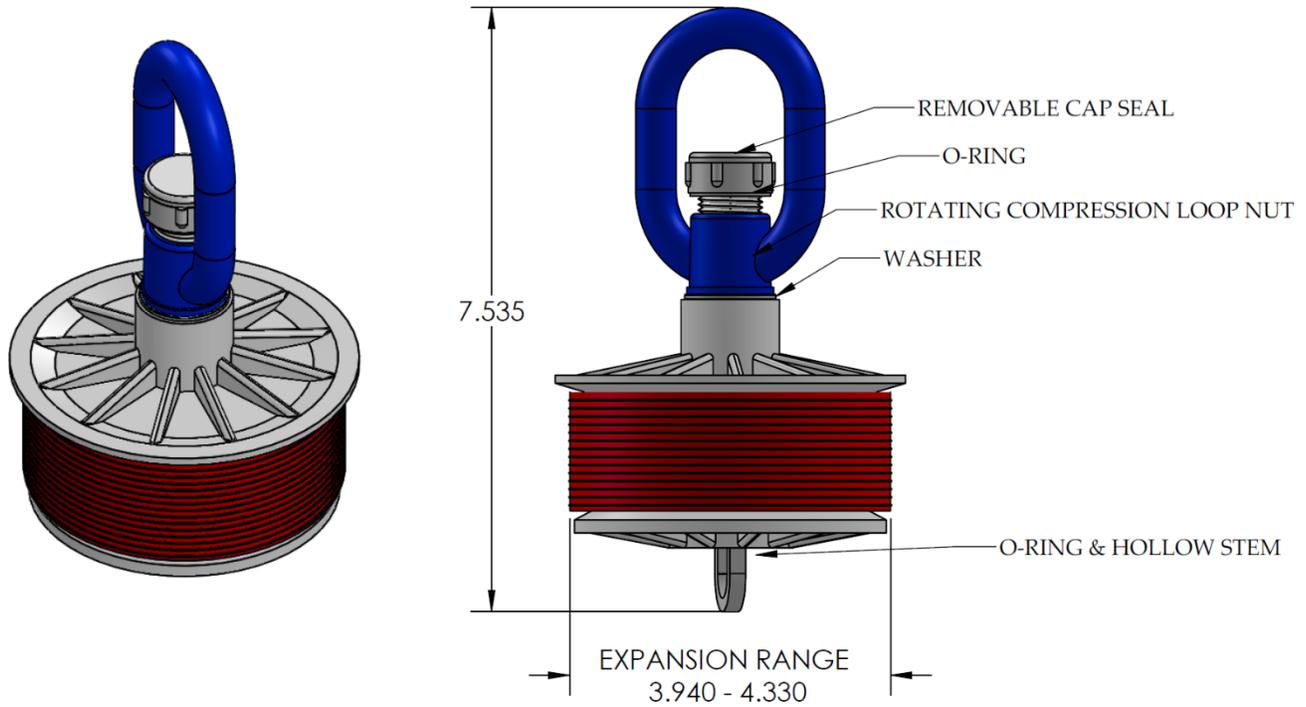
Tolerances:

- Fractional: +/- 1/64
- Angular: 0.125 degrees
- Two place decimals: +/- 0.010
- Three place decimals: +/- 0.005

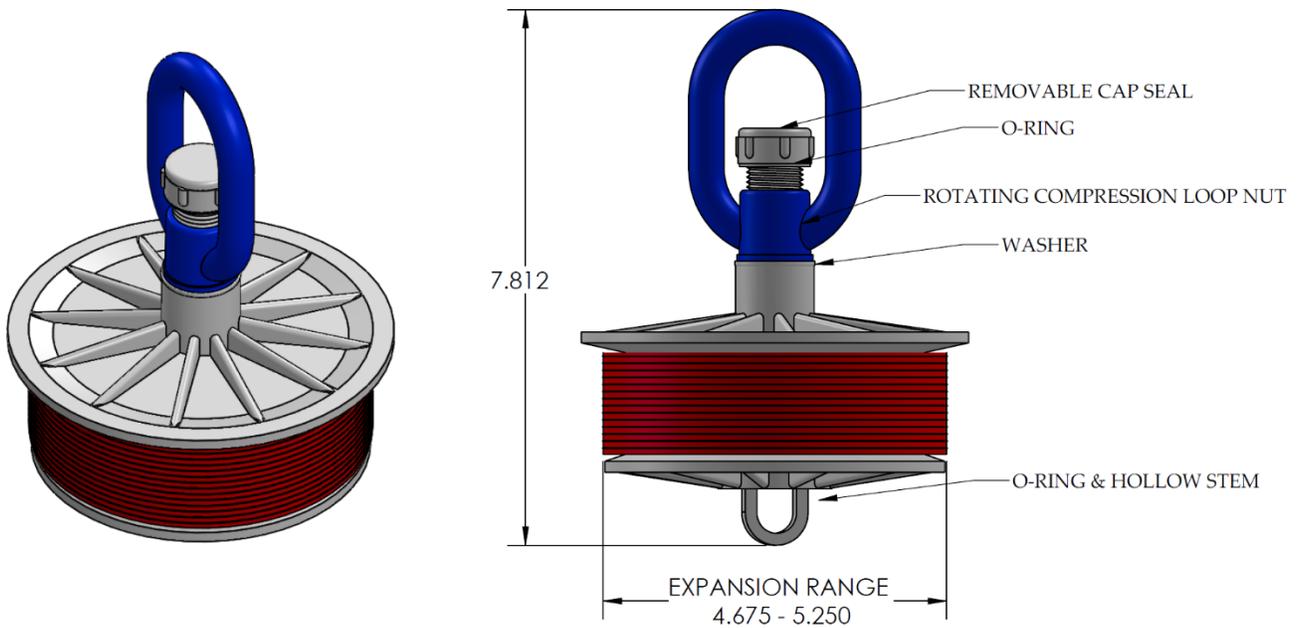
**Figure 3.1a. 2-Inch Plug with Loop Nut, Stock No. 012387**



**Figure 3.1b. 4-Inch Plug with Loop Nut, Stock No. 012388**



**Figure 3.1c. 5-Inch Plug with Loop Nut, Stock No. 012389**



#### 4. Packaging

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

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

- Manufacturer identification
- Product description
- SCL stock number
- Quantity

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

- SCL purchase order number
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#### 5. Issuance

Stock unit: EA

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#### 6. Approved Manufacturers

Stock No.	Trade Size (in)	Quantity per case	CAL AM Manufacturing Part No.	Tyco/JackMoon Reference Part No. (discontinued)
012387	2	50	5120-20	JM-BLA-20D236U
012388	4	30	5120-40L	JM-BLA-40D402U
012389	5	20	5120-50L	JM-BLA-50D535U

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#### 7. Sources

**Shetab, Muneer**; SCL Standards Engineer, originator, and subject matter expert for 7645.20.

**Stock Catalog Page, 73-78**, June 11, 2018

**CAL AM Manufacturing Blank Duct Plugs Installation Instructions (TECP-30-232)**

[www.calam.net](http://www.calam.net)