

Grips, Deadend, Service, Bare, ACSR



1. Scope

This standard covers the requirements for formed wire deadend service grips for bare wire.

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

Stock No.	Size
565142	2/0
565143	4/0

2. Application

Deadend service grips for bare wire are used to connect ACSR overhead service drop neutrals to poles using an LR bracket.

Stock No. 565142 is for use on bare 4/0 triplex with 2/0 ACSR neutral wire (Stock No. 600669).

Stock No. 565143 is for use on bare 4/0 quadruplex with 4/0 ACSR neutral wire (Stock No. 600738).

3. Requirements

Service grips shall be manufactured from aluminum covered steel.

Service grips shall accommodate the conductor diameter range and be the length shown in Table 3.

Table 3. Service Grip Length

Stock No.	Conductor Diameter Range (in)	Applied Length (in)
565142	0.41-0.45	21
565143	0.52-0.56	26

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Grit shall be applied to grip legs to facilitate holding power.

Each grip shall be color-coded and marked with crossover marks, length, and catalog number.

4. Packaging

Deadend service grips shall be packaged to prevent damage during shipping, handling, and storage. Individual packages shall be legibly marked with:

- Manufacturer name
- Manufacturer part number
- Product description
- Seattle City Light stock number

Shipping containers shall be legibly marked with:

- Seattle City Light purchase order number

5. Issuance

Stock Unit: EA

6. Approved Manufacturers

Stock No.	Conductor Size (AWG)	Manufacturer			Color Code
		Preformed Line Products	Hubbell	Helical	
565142	2/0	SG-4507	SGFW4507	HSG 524	Blue
565143	4/0	SG-4509	SGFW4509	HSG 528	Red

7. Sources

SCL Stock Catalog page 56-1; January 13, 2017

Lu, Curtis; SCL Standards Engineer and originator of 5813.35

www.preformed.com

www.helical-line.com

www.hubbell.com