Deadend, Guy, Aluminum Automatic Feed-Through, Adjustable

1. Scope

This standard covers the requirements for aluminum adjustable automatic feed-through deadends.

This standard applies to Seattle City Light (SCL) Stock No. 565055.

2. Application

Adjustable automatic deadends are used to deadend 9/16-in aluminum or galvanized steel guy wire.

For deadending 1/4-in through 7/16-in guy wire, see SCL 5650.30.

3. Requirements

Deadends shall be made from the following:

- Aluminum yoke and shell (6061-T6 aluminum alloy)
- Solid bails (Type 304 stainless steel)

Each deadend shall be an integral unit after assembly.

Deadends shall be capable of holding a minimum of 95% of the rated strength of the guy wire.

Deadends shall be equipped with a pilot cup to cap the strand and prevent individual strands from splaying during installation.

Deadends shall be adjustable from 0 to 18 inches.

Deadends shall meet the requirements described in Table 3a, Table 3b, and Figure 3.

Table 3a. Deadend Requirements

	Dimensions (in)					
Wire Diameter (in)	A	B	C	D	E	F
9/16 (7 or 19 wire)	28	3 1/4	5/8	3 1/4	3/4	52

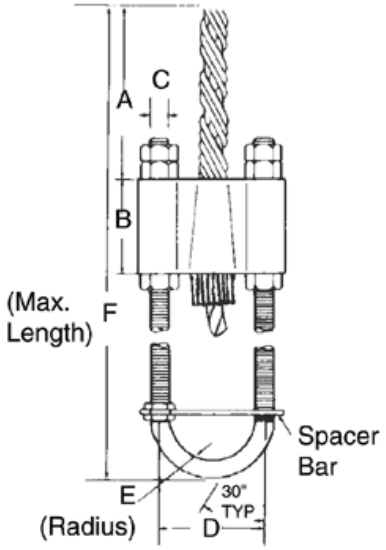

Figure 3. Deadend Configuration

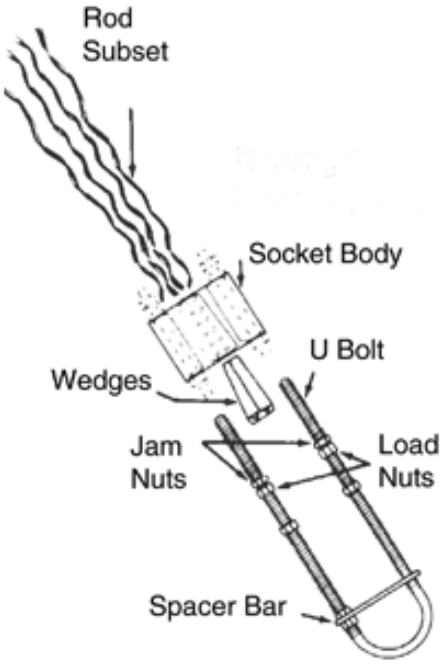

Table 3b. Deadend Rating

Strength Rating (lb)	Color code
35,000	Yellow

4. Packaging

Deadends shall be shipped assembled.

Standard package quantity shall not exceed four per box.

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

- Manufacturer's identification
- Product description
- SCL stock number
- Quantity contained

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

- Manufacturer's identification
- Product description
- SCL purchase order number
- SCL stock number

5. Issuance

Stock unit: EA

6. Approved Manufacturers

Hubbell Power Systems 916GA18

7. References

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

SCL Material Standard; **5630.3**; “Deadend, Guy, Aluminum Automatic Feed-Through” (canceled)

8. Sources

Tilley, Kathy; SCL Electrical Engineering Support Specialist, originator, and subject matter expert of 5650.35 (kathy.tilley@seattle.gov)