Seattle City Light

MATERIAL STANDARD

COTTER PIN, HUMPBACK, STAINLESS STEEL

1. Scope

This Material Standard covers the requirements for stainless steel, humpback cotter pins.

This Material Standard applies to the following Seattle City Light Stock Numbers:

Stock Number	Width (C), Nominal, in
013060	1/8
582528	5/32

2. Application

Humpback cotter pins are used to secure a variety of spools and shackle pin assemblies. Stock Number 013060 is used in 3/16-inch diameter holes and has specific application replacing lost cotter pins cited in SCL Material Standard 6904.20, “Bracket, With Secondary Spool Insulator, Assembled”. Stock Number 582528 is used in 7/32-inch diameter holes.

Humpback cotter pins are limited for use in pins 5/8 inch diameter and less.

3. Industry Standards

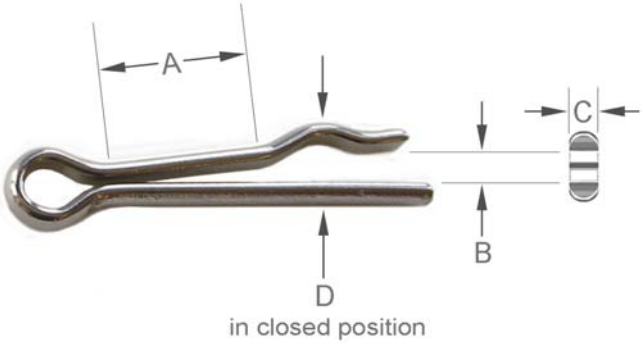
Humpback cotter pins shall meet the applicable requirements of the following industry standard:

ANSI/ASME B18.8.1-1994(R2005) - Clevis Pins and Cotter Pins

4. Requirements

Humpback cotter pins shall meet the applicable requirements of ANSI/ASME B18.8.1 with the following clarification: Cotter pins shall be of humpback design.

Humpback cotter pins shall be manufactured from 18-8 stainless steel.



Stock Number	Dimensions, nominal, in			
	A	B	C	D
013060	5/8	3/16	1/8	7/32
582528	5/8	3/16	5/32	7/32

standards coordinator	*standards manager*	*unit director*
John Shipek	John Shipek	Pamela S. Johnson

5. Packaging

Humpback cotter pins shall be packaged to prevent damage during shipping, handling, and storage.

Individual packages shall contain 50 or 100 pieces and consist of a bag or a box.

Individual packages shall be legibly marked with:

- Manufacturer's name
- Manufacturer's part number
- Product description

Shipping containers shall be legibly marked with:

- Seattle City Light's Purchase Order Number

6. Issuance

Stock Unit: EA

7. Approved Manufacturers

Seattle City Light Material Control personnel may identify and approve distributors, and hence manufacturers, of humpback cotter pins.

8. References

6904.20; "Bracket, With Secondary Spool Insulator, Assembled"; SCL Material Standard

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