

Carriage Bolt Assembly



1. Scope

This standard covers the requirements for a carriage bolt assembly.

This standard applies to SCL Stock No. 013486.

2. Application

This assembly is used for rigging the traveler for installation of overhead conductors. Replacement parts may be obtained separately.

3. General Requirements

Each assembly shall consist of one high strength, steel carriage bolt, one wing nut, and one flat round washer.

Assembly components shall meet the requirements described in Table 3.

Table 3. Assembly Component Requirements

Description	Stock No.	Dimensions, nominal (in)	Reference
Carriage bolt, high-strength, steel	013487	7/16-14 x 8.5	SCL 7804.12
Wing nut	013488	7/16-14	SCL 7830.00
Flat washer, plain, Type A, narrow	013489	7/16	ANSI B18.22.1



4. Packaging

Bolt, washer, and nut sets shall be shipped assembled.

Standard package quantity shall not exceed 50 per box.

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

- Manufacturer's identification
- Product description
- Seattle City Light's stock number
- Quantity contained

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

- Manufacturer's identification
 - Country of origin
 - Product description
 - Seattle City Light's purchase order number
 - Seattle City Light's stock number
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5. Bid Submittal

Manufacturer shall include as part of the bid submittal all exceptions to this specification.

Suppliers shall indicate the manufacturer and country of origin of each lot of carriage bolts and wing nuts and provide the manufacturer's test or specification sheet indicating compliance with this specification.

6. Issuance

Stock Unit: EA

7. Approved Manufacturers

SCL Material Control personnel will identify and approve distributors, and hence manufacturers, for this set of stock numbers.

8. References

SCL Material Standard 7804.12; "Carriage Bolt, High Strength"

SCL Material Standard 7830.00; "Steel Wing Nut"

9. Sources

Wang, Quan; SCL Standards Engineer, subject matter expert and originator of 7804.60
(quan.wang@sattle.gov)

ANSI B18.22.1; Plain Washers, 1965 (R2003)