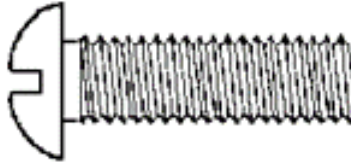


## Screws, Machine, Assorted



---

### 1. Scope

This standard covers the requirements for round head, flat head, and flat hex socket machine screws.

This standard applies to the Seattle City Light (SCL) stock numbers cited in Section 4.

---

### 2. Application

Stock No. 012256 is for wet vault lighting.

Stock No. 784440 is to assemble integral web channel bus (IWCB) in Network vaults.

---

### 3. Industry Standards

Machine screws shall meet the applicable requirements of the following industry standards:

**ASME B18.12**; Glossary of Terms for Mechanical Fasteners

**ASME B18.6.3**; Machine Screws, Tapping Screws, and Metallic Drive Screws (Inch Series)

**ASTM F879**; Standard Specification for Stainless Steel Socket Button and Flat Countersunk Head Cap Screws



**4. Requirements**

Machine screws shall meet the requirements of Table 4.

**Table 4 Machine Screw Requirements**

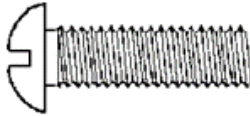
Stock No.	Description	Size	Length (in)	Base Material	Plating	Figure
786526	Round head slotted	1/4-20	5/8	Steel	Zinc	4a
012255	"	8-32	5/8	Brass	none	4b
785787	"	10-32	3/4	"	"	4b
013529	"	10-32	1	"	"	4b
012256	Flat head, Phillips	6-32	3/4	"	"	4c
784440	Flat countersunk head cap	5/8-11	1-1/2	Stainless steel	"	4d

Stock No. 784440 thread series shall be 3A course.

**Figure 4a. Machine Screw, Round Head, Slotted, Steel**



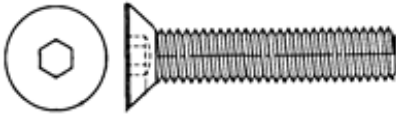
**Figure 4b. Machine Screw, Round Head, Slotted, Brass**



**Figure 4c. Flat Head, Phillips**



**Figure 4d. Flat Countersunk Head Cap**



**5. Packaging**

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

Individual packages shall be legibly marked with:

- Manufacturer name
- Manufacturer catalog number
- Product description
- SCL stock number

Shipping containers shall be legibly marked with:

- SCL purchase order number

**6. Issuance**

Stock Unit: EA

---

**7. Approved Manufacturers**

SCL Material Control personnel may identify and approve manufacturers of this group of stock numbers.

---

**8. Sources**

**SCL Stock Catalog page 78-14**; February 13, 2014

**SCL Stock Catalog page 78-15**; December 15, 2003

**Shipek, John**; SCL Standards Supervisor and originator of 7801.45 (john.shipek@seattle.gov).