

**CONNECTORS, BRONZE VISE**



**1. Scope**

This material standard covers the requirements for bronze, side-opening, vise type connectors with standard hex bolt head.

**2. Application**

Vise connectors are used in a variety of applications to join solid and stranded copper conductors. For primary applications, connectors are designed to be installed with live line tools.

**3. Construction**

Vise connector body and jaw shall be forged bronze.

Vise connector bolt shall be silicon bronze or stainless steel.

Vise connector bolt shall be hex-type designed for use with standard, English-sized ratchet wrenches.

Vise connector shall be of interlocking design to eliminate the problem of lost parts.

Vise connector shall be designed to be installed and removed with live line tools.

**4. Packaging**

Vise connectors shall be packaged to prevent damage during shipping, storage, and casual handling prior to installation.

Each package shall be legibly marked with the following information:

- Manufacturer identification
- Quantity contained
- Product description
- Seattle City Light Purchase Order Number

The Seattle City Light Stock Number Quantity of vise connectors per package shall be as mutually agreed upon between supplier and Seattle City Light.

Package weight shall not exceed 50 pounds.

**5. Issuance**

**Stock Unit:** EA

**6. Approved Manufacturers**

Stock Number	Conductor Size, AWG / kcmil	Hubbell Power Systems (Fargo)	MacLean Power Systems	Richards Manufacturing
012173	4	GC-5004	BVC-4	VC5
012171	2	GC-5002S	BVC-2S	VC7
012169	2/0	GC-5020S	BVC-20S	VC10s
012170	4/0	GC-5040	BVC-40	VC12
012172	500	-	-	VC18

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