

## Tools, Metalworking



### 1. Scope

This standard covers the requirements for metalworking tools, including center punches, cold chisels, and metal shears.

This standard applies to the following Seattle City Light (SCL) stock numbers:

Stock No.	Description
764840	Center punch, 1/2 in x 6 in
765230	Shears, metal, 12-1/2 in, 3-in cut flat blade
760902	Cold chisel, 1/4-in cut size, 5-in length
760904	Cold chisel, 3/8-in cut size, 5-in length
760906	Cold chisel, 1/2-in cut size, 6-in length
760908	Cold chisel, 5/8-in cut size, 6-1/2-in length
760910	Cold chisel, 3/4-in cut size, 7-in length
760912	Cold chisel, 1-in cut size, 12-in length

### 2. Application

Center punches are used for piercing sheet metal or to create a starting point for drills in metal and other materials.

Cold chisels are used to shape and cut cold metal.

Metal shears are used to cut thin sheet metal or other applicable materials, such as composite shingles, vinyl and aluminum sheets, gutters, and downspouts.

Metal shears are also known as tinner's snips or tin snips.

### 3. Industry Standards

Center punches, cold chisels, and metal shears shall meet the applicable requirements of the latest revision of the following industry standards:

**ANSI/ASME B107.41**; Struck Tools

**ANSI/ASME B107.16**; Shears (Metal Cutting, Hand)

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### 4. Requirements

Requirements for metalworking tools shall be as described in Section 7.

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### 5. Packaging

Products 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
- Seattle City Light stock number









Shipping containers shall be legibly marked with:

- Seattle City Light purchase order number
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### 6. Issuance

Stock Unit: EA

**7. Approved Manufacturers**

Stock No.	Description	Manufacturer	Part No.	
764840	1/2-in center punch: <ul style="list-style-type: none"> <li>▪ Overall length, 6 in</li> <li>▪ Diameter, 1/2 in</li> <li>▪ Body type, hex</li> <li>▪ Blade width, 5/16 in</li> </ul>	Mayhew	74003	
765230	12-1/2-in metal shear: <ul style="list-style-type: none"> <li>▪ 3-in cut flat blade</li> <li>▪ Double-dipped cushion grip</li> <li>▪ Drop-forged steel blade</li> <li>▪ Cuts up to 20 gauge (0.91 mm)</li> <li>▪ Cuts straight and wide curves</li> </ul>	Wiss	A9N	
760902	1/4-in cold chisel: <ul style="list-style-type: none"> <li>▪ 1/4-in cut size x 5-in length</li> <li>▪ Rockwell hardness, 55-77</li> <li>▪ Black oxide finish</li> </ul>	Mayhew	70200	
760904	3/8-in cold chisel: <ul style="list-style-type: none"> <li>▪ 3/8-in cut size x 5-in length</li> <li>▪ Rockwell hardness, 55-77</li> <li>▪ Black oxide finish</li> </ul>	Mayhew	70202	
760906	1/2-in cold chisel: <ul style="list-style-type: none"> <li>▪ 1/2-in cut size x 6-in length</li> <li>▪ Rockwell hardness, 55-77</li> <li>▪ Black oxide finish</li> </ul>	Mayhew	70205	
760908	5/8-in cold chisel: <ul style="list-style-type: none"> <li>▪ 5/8-in cut size x 6-1/2-in length</li> <li>▪ Rockwell hardness, 55-77</li> <li>▪ Black oxide finish</li> </ul>	Mayhew	70209	
760910	3/4-in cold chisel: <ul style="list-style-type: none"> <li>▪ 3/4-in cut size x 7-in length</li> <li>▪ Rockwell hardness, 55-77</li> <li>▪ Black oxide finish</li> </ul>	Mayhew	70212	
760912	1-in cold chisel: <ul style="list-style-type: none"> <li>▪ 1-in cut size x 12-in length</li> <li>▪ Rockwell hardness, 55-77</li> <li>▪ Black oxide finish</li> </ul>	Mayhew	70221	

**8. Sources**

**Neuansourinh, Ponet;** SCL Standards Engineer and originator of 7604.45  
 ponet.neuansourinh@seattle.gov)

**SCL Stock Catalog page 76-38;** June 19, 1998

**www.apextoolgroup.com**

**www.mayhew.com**

**www.protoindustrial.com**