

## Files, Assorted



### 1. Scope

This standard covers the requirements for assorted hand files.

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

Stock No.	Description	Length (in)
761948	Auger Bit, Double Ended	7
761952	Cantsaw	8
761972	Equaling, Cut No. "O"	4
762033	Curved Cut	10
762034	Curved Cut	12
762081	Knife, Bastard, Double Cut	4
762172	Square, Bastard Cut	6
762173	Square, Bastard Cut	8
762174	Square, Bastard Cut	10
762264	Warding, Smooth Cut	8
762274	Wood Rasp, Half-Round, Bastard Cut	12

For additional file material standards see SCL 7637.41 through 7637.66.

### 2. Application

Files are hand tools used for sharpening, smoothing, cutting, and reducing, and for enlarging holes and slots on a workpiece.

Auger bit files are used for sharpening auger bits.

Standards Coordinator  
Curtis Lu

Standards Supervisor  
John Shipek

Unit Director  
Andrew Strong



Cantsaw files are used for sharpening circular saws, buck saw blades, and cross-cut saws.  
 Crosscut files (mill files) are for sharpening crosscut saws of the "Great American" style. They are also used for draw filing, lathe work, and general sharpening and shop use.  
 Equaling files are for very exacting work in slots, corners, and narrow openings.  
 Curved cut files are used for babbitt, solder, corners, and crevices on soft materials.  
 Knife files are used on slots, keyways, and acute angles.  
 Square files are used for enlarging square holes, slots, or general surface filing.  
 Warding files are used by locksmiths for filing notches, narrow slots, and in narrow spaces where other files will not fit.  
 Wood rasp files are used for shaping wood items and enlarging openings.

### 3. Definitions

**Cut:** The number of teeth per inch.

**Cut Coarseness:** Refers to the coarseness of the file as defined below and as shown in Figure 3.

**Bastard:** Having fewer teeth per unit length than second cut.

**Second Cut:** Having more teeth than bastard and less teeth than smooth per unit length.

**Smooth:** Having more teeth per unit length than second cut.










**Cut Pattern:** Refers to the type of cut as defined below and shown in Figure 3.

**Single Cut:** Has a set of parallel cuts extending across the length of the file.

**Double Cut:** Has two parallel sets of cuts crossing each other.

**Rasp Cut:** Has a teardrop pattern equally distributed.

**Figure 3. File Cut Patterns and Coarseness**

	<b>Bastard</b>	<b>Second Cut</b>	<b>Smooth</b>
<b>Single Cut</b>			
<b>Double Cut</b>			
<b>Rasp Cut</b>			

### 4. Industry Standards

Files shall meet the applicable requirements of the latest revision of the following industry standards:

**ANSI/DOD A-A-2309A**; File, Hand (American Pattern), Cantsaw  
**ANSI/DOD A-A-2310A**; File, Hand (American Pattern), Crosscut  
**ANSI/DOD A-A-2311A**; File, Hand (American Pattern), Flat  
**ANSI/DOD A-A-2314A**; File, Hand (American Pattern), Knife  
**ANSI/DOD A-A-2318 NOT 2**; File, Hand (American Pattern), Knife  
**ANSI/DOD A-A-2320 NOT 2**; File, Hand (American Pattern), Square  
**ANSI/DOD A-A-2321A**; File, Hand (American Pattern), Taper  
**ANSI/DOD A-A-2322A**; File, Hand (American Pattern), Three Square  
**ANSI/DOD A-A-2323 NOT 2**; File, Hand (American Pattern), Warding

---

## 5. Requirements

Product requirements shall be as described in Section 8.

---

## 6. 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
- Seattle City Light stock number






Shipping containers shall be legibly marked with:

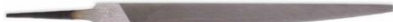





- Seattle City Light purchase order number
- 

## 7. Issuance

Stock Unit: EA

**8. Approved Manufacturers**

Stock No.	Description	Manufacturer	Part No.	
761948	File, Auger Bit <ul style="list-style-type: none"> <li>▪ 7" length</li> <li>▪ Double-ended</li> <li>▪ No tang</li> </ul>	L. H. Dottie Rack-A-Tiers	AF7 AUFIL	
761952	File, Cantsaw <ul style="list-style-type: none"> <li>▪ 8" length</li> <li>▪ With tang</li> <li>▪ Triangular shape</li> <li>▪ Single cut</li> <li>▪ Second cut</li> </ul>	Simonds Saw Pferd Inc.	78518100 17014	
761972	File, Equaling, Cut No. "O" <ul style="list-style-type: none"> <li>▪ 4" length</li> <li>▪ With tang</li> <li>▪ Rectangular shape</li> <li>▪ Parallel width and thickness</li> <li>▪ Double cut on sides</li> <li>▪ Single cut on edges</li> </ul>	Nicholson	36219N	
762033	File, Curved Cut <ul style="list-style-type: none"> <li>▪ 10" length</li> <li>▪ 12 teeth per inch</li> <li>▪ With tang</li> <li>▪ Rectangular shape</li> <li>▪ Pitch and rake designed to avoid pinning</li> </ul>	Nicholson	20291N	
762034	File, Curved Cut <ul style="list-style-type: none"> <li>▪ 12" length</li> <li>▪ 10 teeth per inch</li> <li>▪ With tang</li> <li>▪ Rectangular shape</li> <li>▪ Pitch and rake designed to avoid pinning</li> </ul>	Nicholson	20342N	

Stock No.	Description	Manufacturer	Part No.	
762081	File, Knife, Bastard Cut <ul style="list-style-type: none"> <li>▪ 4" length</li> <li>▪ With tang</li> <li>▪ Knife shape</li> <li>▪ Triangular form</li> <li>▪ Double cut sides</li> <li>▪ Single cut on sharp edge</li> <li>▪ Safe (uncut) back</li> <li>▪ Taper toward the point in width and thickness</li> </ul>	Nicholson Simonds Saw	06711N 73498500	
762172	File, Square <ul style="list-style-type: none"> <li>▪ 6" length</li> <li>▪ With tang</li> <li>▪ Square shape</li> <li>▪ Double cut</li> <li>▪ Bastard</li> <li>▪ Taper toward the point in width and thickness</li> </ul>	Nicholson Simonds Saw Pferd	12967 73428000 11084	
762173	File, Square <ul style="list-style-type: none"> <li>▪ 8" length</li> <li>▪ With tang</li> <li>▪ Square shape</li> <li>▪ Double cut</li> <li>▪ Bastard</li> <li>▪ Taper toward the point in width and thickness</li> </ul>	Nicholson Simonds Saw Pferd	13081 7343000 11087	
762174	File, Square <ul style="list-style-type: none"> <li>▪ 10" length</li> <li>▪ With tang</li> <li>▪ Square shape</li> <li>▪ Double cut</li> <li>▪ Bastard</li> <li>▪ Taper toward the point in width and thickness</li> </ul>	Nicholson Simonds Saw Pferd	13196 73432000 11090	
762264	File, Warding <ul style="list-style-type: none"> <li>▪ 8" length</li> <li>▪ With tang</li> <li>▪ Rectangular shape</li> <li>▪ Double cut on sides</li> <li>▪ Single cut on edges</li> <li>▪ Smooth</li> <li>▪ Taper toward the point in width</li> </ul>	Nicholson Simonds Saw	16827N 73483500	
762274	File, Wood Rasp, Half-Round <ul style="list-style-type: none"> <li>▪ 12" length</li> <li>▪ With tang</li> <li>▪ Half-round shape</li> <li>▪ Rasp cut on both sides</li> <li>▪ Bastard</li> <li>▪ Taper toward the point in width and thickness</li> </ul>	Nicholson Pferd	19460N 15014	

## 9. References

**SCL Material Standard 7637.41**; “File Handles and File Card with Brush”

**SCL Material Standard 7637.46**; “Files, Round, Regular and Chain Saw”

**SCL Material Standard 7637.51**; “Files, Half-Round”

**SCL Material Standard 7637.56**; “Files, Taper”

**SCL Material Standard 7637.61**; “Files, Flat, Double-Cut”

**SCL Material Standard 7637.66**; “Files, Mill, Single Cut”

---

## 10. Sources

**Lu, Curtis**; SCL Standards Engineer and subject matter expert for 7637.71  
(curtis.lu@seattle.gov)

**Neuansourinh, Ponet**; SCL Standards Engineer and originator of 7637.71  
(ponet.neuansourinh@seattle.gov)

**SCL Stock Catalog page 76-34**; April 8, 2004

**SCL Stock Catalog page 76-35**; October 9, 2005

**www.apextoolgroup.com**

**www.ansi.org**

**www.lhdottie.com**

**www.pferdusa.com**

**www.rock-a-tiers.com**

**www.simondssaw.com**