

**Files, Round, Double Cut, Regular and Chain Saw****1. Scope**

This standard covers the requirements for regular round files and chain saw round files.

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

Stock No.	Type	Length (in)	Double Cut
762142	Regular	4	Bastard
762143	Regular	6	Bastard
762144	Regular	8	Bastard
762145	Regular	10	Bastard
762146	Regular	12	Bastard
762147	Regular	14	Bastard
762153	Regular	6	Second cut
762156	Regular	12	Second cut
762163	Regular	6	Smooth
762164	Regular	8	Smooth
761985	Chain saw	8	–
761982	Chain saw	8	–
761984	Chain saw	8	–

For additional file material standards see SCL 7637.41 through 7637.71.

**2. Application**

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

Regular round files can be used for enlarging and shaping holes that are too small for a half round file.

Chain saw round files can be used for sharpening chain saw chain and the edges of metal tools.

Round files are also known as “rat tail” files.

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### 3. Definitions

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

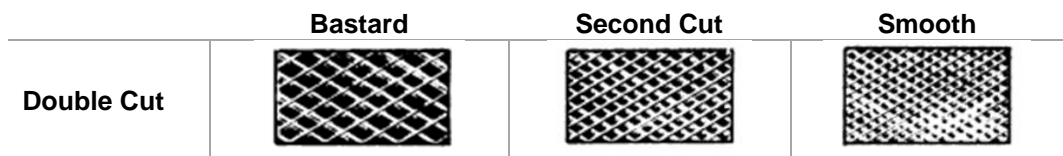
**Cut Coarseness:** Refers to the coarseness of the file as defined below and as shown in Figure 3.

- **Bastard:** Having fewer teeth per unit length than second cut.
- **Second Cut:** Having more teeth than bastard and fewer 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.

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

**Figure 3. Double Cut File Pattern and Coarseness**



### 4. Requirements

File requirements shall be as described below and as defined in Section 7.

Regular round files shall be:

- Made of high carbon steel
- Case hardened, except for tang
- Tanged at one end to accommodate fitted handle
- Round shape, tapered toward the point
- American pattern
- Double cut

Chain saw round files shall be:

- Made of high carbon steel
- Case hardened, except for tang
- Tanged at one end to accommodate fitted handle
- Round shape, tapered toward the point
- American pattern
- Double cut
- Spiral cut or knurl cut with smooth finish

### 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
- 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

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## 7. Approved Manufacturers

Stock No.	Type	Length (in)	Diameter (in)	Cut	Manufacturer Part No.		
					PFERD	Simonds	Nicholson
762142	Regular	4	5/32	Bastard	11061	73393000	–
762143	Regular	6	7/32	Bastard	11064	73396000	–
762144	Regular	8	5/16	Bastard	11067	73398500	11904
762145	Regular	10	3/8	Bastard	11070	73400500	12019
762146	Regular	12	1/2	Bastard	11073	73402500	12134
762147	Regular	14	5/8	Bastard	11076	–	12248
762153	Regular	6	7/32	Second cut	11065	73396500	–
762156	Regular	12	1/2	Second cut	11074	73403000	12166
762163	Regular	6	7/32	Smooth	11066	73397000	–
762164	Regular	8	5/16	Smooth	11069	73399500	11969
761985	Chain saw	8	5/32	–	17047	73740210	01891
761982	Chain saw	8	3/16	–	17038	73740310	01765
761984	Chain saw	8	7/32	–	17039	73740610	01888

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## 8. References

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

**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”

**SCL Material Standard 7637.71**; “Files, Assorted”

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## 9. Sources

**Lu, Curtis**; SCL Standards Engineer and subject matter expert for 7637.46  
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**Neuansourinh, Ponet**; SCL Standards Engineer and originator of 7637.46  
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[www.ansi.org](http://www.ansi.org)

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