

Files, Flat, Double Cut



1. Scope

This standard covers the requirements for double cut flat files.

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

Stock No.	Length (in)	Cut
762000	4	Bastard
762001	6	Bastard
762002	8	Bastard
762003	10	Bastard
762004	12	Bastard
762005	14	Bastard
762011	6	Second cut
762013	10	Second cut
762014	12	Second cut
762021	6	Smooth
762022	8	Smooth
762023	10	Smooth
762024	12	Smooth

For additional file material standards see SCL 7637.46 through 7637.71.

2. Application

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

Flat files can be used on ferrous and non-ferrous metals for rapid stock removal.

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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.

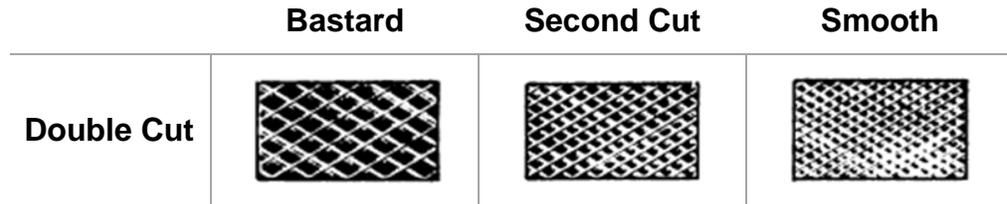
Second Cut: Having more teeth than bastard and less teeth than smooth per unit length.

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.

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

Figure 3. File Cut Patterns and Coarseness



4. Industry Standards

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

ANSI/DOD A-A-2311A; File, Hand (American Pattern), Flat

5. Requirements

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

- Made of high carbon steel
- Case hardened, except for tang
- Tanged at one end to accommodate fitted handle
- Rectangular shape
- Tapered toward the point in width
- American pattern
- Double cut on both sides
- Single cut on the edges

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.	Length (in)	Cut	Manufacturer Part No.		
			Pferd	Nicholson	Simonds
762000	4	Bastard	11001	03367N	73227000
762001	6	Bastard	11004	03467N	73229500
762002	8	Bastard	11007	03566N	73232000
762003	10	Bastard	11010	03665N	73234000
762004	12	Bastard	11013	03764N	73236000
762005	14	Bastard	11016	03863N	73238000
762011	6	Second cut	11005	03500N	73230000
762013	10	Second cut	11011	03698N	73234500
762014	12	Second cut	11014	03797N	73236500
762021	6	Smooth	11006	03534N	73230500
762022	8	Smooth	11009	03632N	73233000
762023	10	Smooth	11012	03731N	73235000
762024	12	Smooth	11015	03830N	73227000

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 7637.66; "Files, Mill, Single Cut"

SCL Material Standard 7637.71; "Files, Assorted"

10. Sources

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Neuansourinh, Ponet; SCL Standards Engineer and originator of 7637.61
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SCL Stock Catalog page 76-34; April 8, 2004

www.ansi.org

www.pferdusa.com

www.simondssaw.com

www.apextoolgroup.com