

## 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.

### 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.

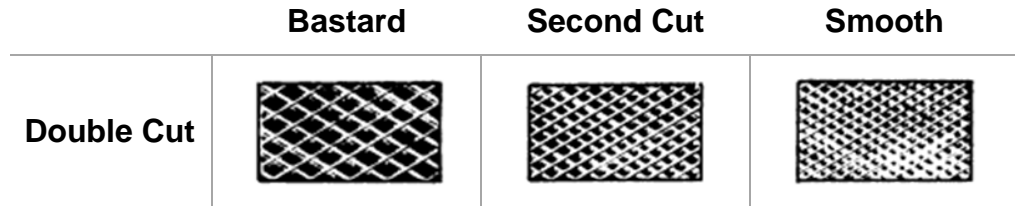
**Second Cut:** Having more teeth than bastard and less teeth than smooth per unit length.

**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

**Lu, Curtis**; SCL Standards Engineer and subject matter expert for 7637.61  
(curtis.lu@seattle.gov)

**Neuansourinh, Ponet**; SCL Standards Engineer and originator of 7637.61  
(ponet.neuansourinh@seattle.gov)

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

[www.ansi.org](http://www.ansi.org)

[www.pferdusa.com](http://www.pferdusa.com)

[www.simondssaw.com](http://www.simondssaw.com)

[www.apextoolgroup.com](http://www.apextoolgroup.com)