

## American Pattern

## Swiss Pattern

**Aluminum Flat File** — Flat rectangular shape, tapered width at point. Double Cut. Special tooth construction eliminates clogging. All sizes have same # of teeth. Smooth finish, shear left. 6", thru 12".

**Aluminum Half Round File** — Rounded one side, flat on the other. Double Cut. Special tooth construction eliminates clogging. All sizes have same # of teeth. Smooth finish, shear left. 6", thru 12".

**Flat File** — Rectangular shape, tapered width at point. Double Cut on sides. Single Cut edges. Bastard, Second & Smooth Cuts. Sizes 4", thru 16". For the rapid stock removal.

**Half Round File** — Rounded one side, flat on the other. Bastard, Second & Smooth Cuts. Sizes 4", thru 16". Use on convex, concave and flat surfaces.

**Hand File** — Rectangular shape, double cut, one safe edge. Bastard, Second & Smooth Cuts. Sizes 4", thru 12". Same coarseness as flat files.

**Knife File** — Tapered Triangular shape, double cut, safe back with single cut on sharp edge. Bastard, Second & Smooth Cuts. Sizes 4", thru 12". Used when working at acute angles.

**Round File** — Circular shape, Tapered slightly to point. All but 14" bastards are single cut. Bastard, Second & Smooth Cuts. Sizes 4", thru 12". Used for circular openings or concave surfaces.

**Long Angle Lathe File** — Rectangular shape. Tapered slightly to point. Single cut with safe edges. Bastard & Fine (smoother than mill) Cuts. Sizes 8", thru 14". For rapid, free-cutting lathe filing.

**Warding File** — Thin profile, rectangular shape, tapered point. Double cut sides, single cut edges. Bastard, second & smooth cuts. Sizes 4", thru 10". Thin profile for notching and narrow spaces.

**Square File** — Square shape, slightly tapered point. Double cut. Bastard, second & smooth cuts. Sizes 4", thru 14". For slots, keyways, and general surface filing.

**Pillar File** — Rectangular cross section. Similar to hand files but narrower. One safe edge. Double cut. Bastard cut. Sizes 8". Primarily used for filing slots and keyways.

**Three Square Files** — Triangular shape. Double cut with sharp corners and cut to the point. Sizes 4" thru 12". For general use on internal angles, cleaning square corners and filing taps & gutters.

**Great American Crosscut Files** — Triangle shape with round back and edge. Single cut. For sharpening Great American and other cross cut saws. Same # of teeth as mill bastard. 6", 8" & 10" long.

**Cart Saw Files** — Triangular shape. Single cut. Edges set & cut. Same # of teeth as mill bastard Sizes 6" thru 10". To sharpen "M" tooth crosscut saws, circular saws and saw teeth of less than 60".

**Chain Saw Files** — Come in a variety of shapes & styles:  
 Round — Double, smooth or spiral cut. 8 diameters from 1/8" to 3/8". Double and Spiral cut types for aggressive sharpening. Available in 6" and 8" lengths.  
 Flat — Straight-sided rectangular body with two round edges. Used for outter-raker type chain saws.  
 Depth Gauge — Straight-sided rectangular shape with hole in handle tang and safe edges. Double cut. Used for filing and maintaining proper depth gauge clearance. 6" and 10".

**Mill Files** — Used in the sharpening of mill and/or circular saws. Available in a number of patterns & styles:  
 Regular — Rectangular shape with slight width taper to point. Single cut on sides and two square edges in bastard, second and smooth cuts. Available in lengths from 4" thru 16".  
 1 & 2 Round Edge — Same as regular but with either one or two rounded edges. Bastard Cut only. For rounding gullets. Available in 6", 10" and 12" versions.  
 Western Cut — same as regular but with western cut for fast cutting. Available in 8", 10" and 12".  
 Blunt — Parallel-edges, rectangular shape with one round edge. Single cut. Useful for rounding or squaring gullets, draw-filing, and finishing metals. 6" thru 12" lengths.

**Taper (Triangular) Saw Files** — Triangular shape tapering slightly towards the point. Single Cut. For saw filing on 60° angle teeth. Edges set and cut for filing gullets between saw teeth. Available in a number of styles:  
 Regular — Available in 4" through 10"  
 Slim — Available in 4" through 10"  
 Extra Slim — Available in 4" through 8"  
 Double Extra Slim — Available in 4" through 8"  
 Double-Cut Machine — Available in 6" or 7" in regular, slim, extra slim and double extra slim styles. For machine filing and saw filing machines.  
 Bandsaw — 6" triangular file with narrow edges for use in sharpening bandsaws. Two widths available, No. 53 & No. 54.

**Improved Taper Files** — Triangular shape. Single cut on sides and edges. Parallel in shape. designed and recommended primarily for use on saw filing machines. One size 6" & 8".

**SPECIALTY FILES**

**Auger Bit Files** — Thin, flat file with taper to each end. One end has uncut edges, the other uncut sides. To restore original sharpness to auger bits and to prevent damage to adjacent surfaces. 7"

**Axe Sharpening Files** — Parallel sides, rectangular shape. Double cut on 1 side. Single cut on other. no safe edges. Ideal for sharpening axes and miscellaneous garden tools. 8" self handed.

**Bodi Files** — Parallel edged flat files for work on auto bodies and blending solder with sheet metal. Some models have rounded edges. Flat bodied files have teeth on both sides, bent or curved body have teeth on convex side only and have offset handle tang for knuckle clearance. Wide ranges of sized and offsets available.

**Cabinet Files** — Half round in cross section with parallel sides. Teeth are slightly finer than those of regular wood files and radius is larger than standard 1/2 round files. Used by cabinetmakers and other woodworkers. Available in 8" and 10"

**Doctor's Blade Files** — Rectangular and parallel in width and thickness. Coarse cut for filing doctor blades used in the cloth-printing industry. 14" length without tang.

**Double Ender Files** — Triangular shape. Single cut with each end tapering to a point and cutting edge extending from each end to center. Supplied with handles in 6" through 10" lengths.

**Farmer's Files** — rectangular shape, parallel edges with self-handle and hang-up hole. Single cut with safe edges. General purpose file suited for agricultural use. 6", 8" and 10" models.

**Handy Files** — Rectangular shape similar to Farmer's file but with single cut one side and double cut on other. For general filing and rapid stock removal. 1 cutting edge, 1 safe edge. 8" & 12".

**Woodsaw Featheredge Files** — Parallel edges. Diamond shape section. For filing pulpwood, swede or web saws and saws with teeth of less than 60° or when filing each tooth bevel separately. 5 1/2"

**Plastics Files** — Flat rectangular shape with self-handle. Easily cleaned and useful on a variety of plastics and soft materials such as Masonite, Phenolics, polyethylene, nylon and acrylic. 8"

**Tungsten Points Files** — Thin, flat, rectangular shape with parallel sides. Double cut with chisel tip. For dressing distributor points that are tipped with tungsten, iridium or similar metals. 5 1/2"

**Veneer Knife Files** — Thin, rectangular shape with two round edges. Blunt bastard cut for use in sharpening veneer knives. available in 8" and 10"

**Hook Knife Files** — Rectangular shape, concave/convex body with two round edges single cut both sides. To sharpen entire cutting edges of hook knives, even the hook. 8".

Swiss Pattern Files differ from American Pattern Files by more exacting measurements and finer cuts, ranging from 00 to No.6. Used by tool and die makers, jewelers, model makers, home craftsmen and hobbyists. Available in:

- 1/2 Round File — 4"- 10" long. Cuts 00, 0, 1, 2, 3, 4.
- Hand File — 4"- 10" long. Cuts 00, 0, 1, 2 and 4.
- Knife File — 4"- 8" long. Cuts 00, 0, 1, 2 and 4.
- Round File — 4"- 10" long. Cuts 00, 0, 1, 2 and 4.
- Round Straight File — 4", 6" and 8" long. Cut No. 0.
- Square File — 4", 6" and 8" long. Cut No. 00, 0 and 2.
- Three Square File — 4", 6" and 8" long. Cut No. 00, 0, 1 and 2.
- Warding File — Cuts 00, 0, and 2



- Plus these Swiss Pattern Exclusives:
- Barrette File — Double cut. Wide flat 33° beveled, sides and back are safe.
    - Regular 3, 4, 6, and 8". Cuts 00, 0, 1 and 2
    - Hot Die 3" and 4". Cuts 00, and 0.



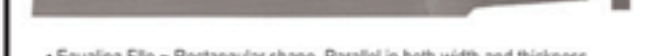
- Corrugating Files — Made for corrugating edges of shears and other edged tools. Designed to corrugate when blade is stroked straight across at right angles to the blade.
  - Hand
  - Pillar — As above except narrower than hand file.



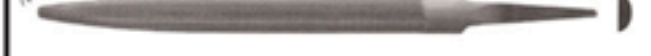
- Crochet File — Thin, rectangular shape with 2 rounded edges. double cut on



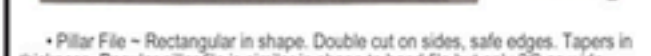
- Crossing File — Double circular cross section with two different radii. double cut on both sides and tapers to a point in both width and thickness. Sizes 4", 6" and 8"



- Equaling File — Rectangular shape. Parallel in both width and thickness. Double cut sides, single cut edges. Lengths of 4", 6" and 8" with cuts No. 0, 2 and 4.



- 1/2 Round Clicking Die File — Half round shape. Double cut action on both sides. Tapers in thickness and width to the point. 6" only and available in finer cuts 0



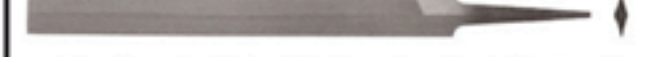
- Pillar File — Rectangular in shape. Double cut on sides, safe edges. Tapers in thickness. Regular pillar file is similar in shape to hand file but only 2/3 as wide. There are also two other styles even narrower than the pillar regular — Narrow and



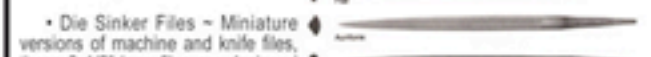
- Pippin File — Sometimes called "Appleseed" files. These files taper in both width and thickness and have a teardrop cross section. A rounded back edges



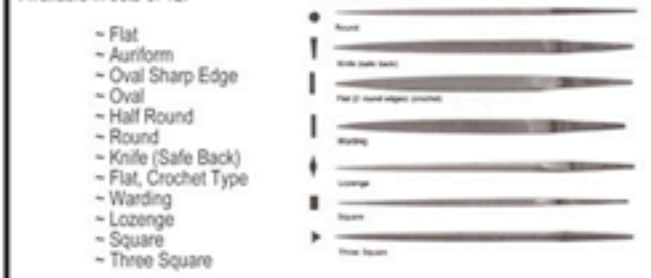
- Screw Head File — Used primarily by watchmakers and jewelers for enlarging



- Slitting File — rectangular file with double angular section. Double cut on all four sides; single cut on two sharp edges. 4" and 6" long in cuts 0 and 2.



- Die Sinker Files — Miniature versions of machine and knife files, these 3 1/2" long files are designed for use by die sinkers in dressing and finishing dies of all kinds. Available with No. 0 and No. 2 cut (coarse end). Tangs for small handles. Available in sets of 12.



- Die Sinker Riffers — About 6 1/2" long and made in a variety of unique shapes and profiles. These tools are used by tool and die makers, jewelers, model makers and hobbyists. Available in cuts 0, 2 and 4. Available in sets of 12.



- Needle Files — Another set of fine files used by jewelers, die makers, watchmakers and fine tool makers. 12 shapes, round knurled handles. 4" long. Sets of 12. Cuts 0, 2, 4, and 6.

