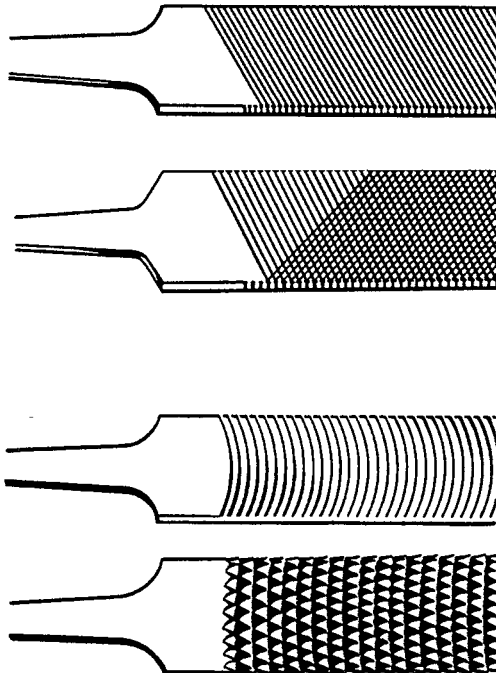
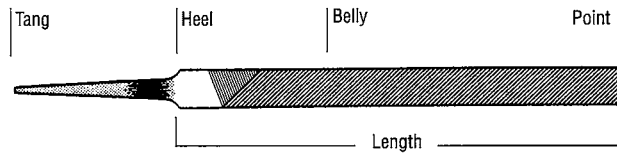


FILES AND RASPS

Nicholson®

Length



KINDS OF TEETH

Single-cut

Single set of parallel, diagonal rows of teeth. Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws.

Double-cut

Two sets of diagonal rows of teeth. The second set of teeth is cut in the opposite diagonal direction and on top of the first set. The first set of teeth is known as the overcut while the second is called the upcut. The upcut is finer than the overcut. The double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece.

Curved-cut

Teeth arranged in curved contours across the file face. The curved-cut file is normally used in automotive body shops for smoothing body panels.

Rasp-cut

Series of individual teeth which are formed by a single-pointed tool. This produces a rough cut that is used primarily on wood, hooves, aluminum and lead.

FLAT FILES



Flat files are used by machinists, machinery builders, ship and engine builders, repair men and others who require rapid removal of metal. They are rectangular in cross section and taper slightly towards point in width. Double-cut on both sides, single-cut on both edges.

ITEM#	SIZE (IN)	CUT
NIC03367	4	Bastard
NIC03466	6	Bastard
NIC03566	8	Bastard
NIC03665	10	Bastard
NIC03764	12	Bastard
NIC03863	14	Bastard
NIC03401	4	Second Cut
NIC03500	6	Second Cut
NIC03599	8	Second Cut
NIC03698	10	Second Cut
NIC03797	12	Second Cut
NIC03896	14	Second Cut
NIC03434	4	Flat
NIC03533	6	Smooth
NIC03632	8	Smooth
NIC03731	10	Smooth
NIC03830	12	Smooth
NIC03929	14	Smooth

Coarseness

Work to be accomplished, roughing or finishing, will determine type of teeth and coarseness for each application. Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut, Swiss pattern files are available in seven cuts, 00, 0, 1, 2, 3, 4, 6.

The degree of coarseness is greater in longer files, but differences between bastard, second cut and smooth are proportionate.

