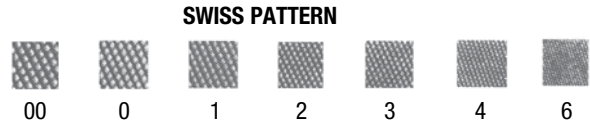


TECH INFORMATION

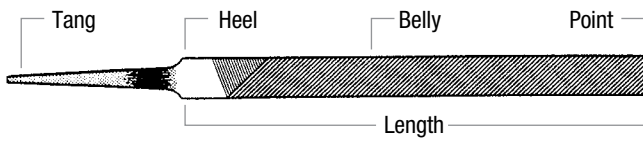
File Terminology

COARSENESS



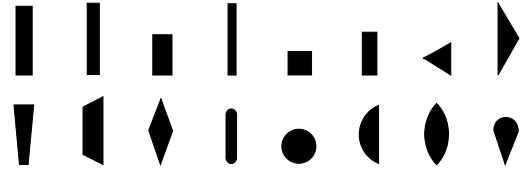
- Work to be accomplished, whether roughing or finishing, will determine type of teeth and coarseness for each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- Swiss pattern files are available in seven cuts: No. 00, 0, 1, 2, 3, 4, and 6
- The degree of coarseness is greater in longer files, but differences between bastard, second and smooth are proportionate

LENGTH



- Length is measured exclusive of tang, from point to heel, unless specified otherwise
- Desired stroke length, type of material and size will determine length required

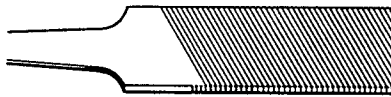
SHAPE



- Area to be filed will determine specific cross-section (round, square, flat, etc.) to be used

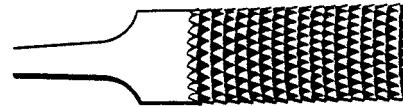
Kinds of Teeth

SINGLE-CUT



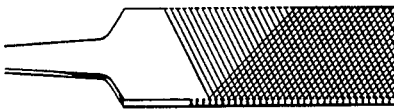
- Single set of parallel, diagonal rows of teeth
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws

RASP-CUT



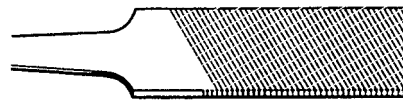
- Series of individual teeth which are formed by a single-pointed tool
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead

DOUBLE-CUT



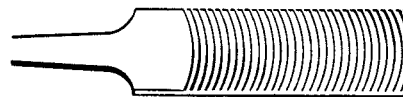
- 2 sets of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is known as upcut
- Upcut is finer than overcut
- Double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece

MAGICUT®



- Single cut teeth divided by angular serrations into shorter cutting edges, which free themselves readily from chips and perform roughing and smoothing at the same time

CURVED-CUT



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

Safety Information

	<b>⚠ WARNING</b>
	Wear safety goggles to protect your eyes. Never use a file without a tight fitting handle.
	<b>⚠ AVERTISSEMENT</b>
	Porter des lunettes de protection. Ne jamais utiliser une lime sans poignée bien ajustée.
	<b>⚠ ADVERTENCIA</b>
	Use gafas de seguridad para proteger sus ojos. Nunca utilice una lima con el mango suelto.

<b>⚠ WARNING</b>	<b>⚠ AVERTISSEMENT</b>	<b>⚠ ADVERTENCIA</b>
Risk Of Eye Injury Wear ANSI Approved Eye Protection	Risque de dommages d'oeil Protection d'oeil approuvée de l'usage A.N.S.I.	Riesgo de lesión del ojo Protección de ojo aprobada del desgaste ANSI

## Home and Garden File



- American Pattern Home and Garden File
- Ideal Utility File for Home Owner
- For Sharpening Woodworking Tools (Chisels, Scrapers)
- Also for Garden Tools (Hoes, Shovels, Rotary Mower Blades)
- Rectangular Shape

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
11488N	037103243300	Carded	10 in	Double	0.30 lb	6

## Knife Files



- American Pattern Knife File, Bastard Cut
- Used Primarily By Tool and Die Makers with Work Having Acute Angles
- Triangular Shape
- Double-Cut on Sides, Single-Cut on Sharp Edge
- Knife Files Are Supplied with Safe Backs

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
06711N	037103241634	Boxed	4 in	Bastard	0.03 lb	12
06742N	037103241641	Boxed	4 in	Second	0.03 lb	12
06773N	037103241658	Boxed	4 in	Smooth	0.03 lb	12
06804N	037103241665	Boxed	6 in	Bastard	0.10 lb	12
06836N	037103241672	Boxed	6 in	Second	0.10 lb	12
06867N	037103241689	Boxed	6 in	Smooth	0.10 lb	12
06898N	037103241696	Boxed	8 in	Bastard	0.15 lb	12
06930N	037103241702	Boxed	8 in	Second	0.15 lb	12
06961N	037103241719	Boxed	8 in	Smooth	0.15 lb	12
06992N	037103241726	Boxed	10 in	Bastard	0.35 lb	6
07023N	037103241733	Boxed	10 in	Second	0.35 lb	12
07054N	037103241740	Boxed	10 in	Smooth	0.35 lb	12
07085N	037103241757	Boxed	12 in	Bastard	0.70 lb	6