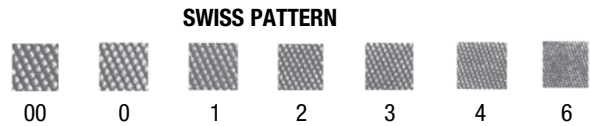


TECH INFORMATION

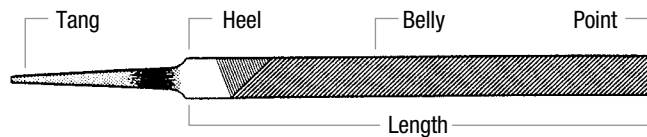
File Terminology

COARSENESS



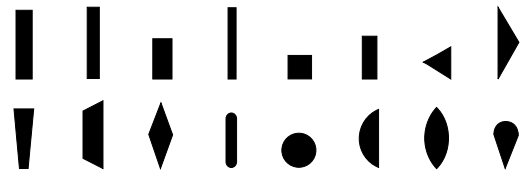
- Work to be accomplished, whether roughing or finishing, will determine type of teeth and coarseness for each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- Swiss pattern files are available in seven cuts: No. 00, 0, 1, 2, 3, 4,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

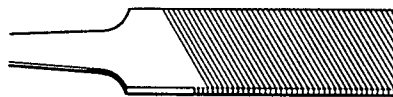
SHAPE



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

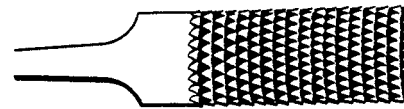
Kinds of Teeth

SINGLE-CUT



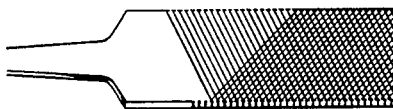
- Single set of parallel, diagonal rows of teeth
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws

RASP-CUT



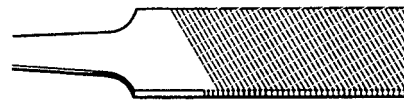
- Series of individual teeth which are formed by a single-pointed tool
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead

DOUBLE-CUT



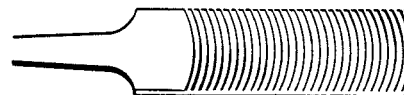
- 2 sets of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is known as upcut
- Upcut is finer than overcut
- Double-cut file is used with heavier pressure than the single-cut and removes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

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

⚠ WARNING	⚠ AVERTISSEMENT	⚠ ADVERTENCIA
	Risk Of Eye Injury Wear ANSI Approved Eye Protection	Riesgo de daños de ojo Protección de ojo aprobada de l'usage A.N.S.I.

Long Angle Lathe Files - Bastard



- American Pattern Flat Long Angle Lathe File, Bastard Cut
- Rapid, Free Cutting Files Designed for Lathe Filing
- Rectangular Shape
- Single Cut
- Safe Edges to Protect Shoulder or Dog
- Made on Flat File Blanks in Bastard-Cut
- Cut Faster Than Regular Mill Files and Leave Smoother Finish

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
07657N	037103242938	Boxed	10 in	Bastard	0.45 lb	6
07688N	037103242945	Boxed	12 in	Bastard	0.80 lb	6
07719N	037103242952	Boxed	14 in	Bastard	1.10 lb	6

Long Angle Lathe Files - Fine



- American Pattern Hand Long Angle Lathe File, Fine Cut
- Specially Designed for Finishing Rapid Stock Removal on Lathe Work
- Rectangular Shape
- Safe Edges
- Cut Faster Than Regular Mill Files and Leave Smoother Finish

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
07835N	037103241597	Boxed	8 in	Fine	0.30 lb	12
07842N	037103241603	Boxed	10 in	Fine	0.50 lb	6
07851N	037103241610	Boxed	12 in	Fine	0.93 lb	6
07863N	037103241627	Boxed	14 in	Fine	1.40 lb	6

Magicut® Files - Flat



- American Pattern Flat Magicut® File
- Used By Machinists As All-Purpose File to Remove Stock Rapidly
- Leaves A Smooth Finish
- Rectangular Shape, Tapered Point in Width
- File Features A Pattern of Narrow Chip Breakers
- Created By Steep, Angled Serrations for Rapid Removal, Smoother Finish

Cat. No.	UPC No.	Packaging	Length	Handled	File Cut	Product Weight	Shelf Pack Qty.
07894N	037103242969	Boxed	8 in	No	Magicut®	0.25 lb	12
07917N	037103242976	Boxed	10 in	No	Magicut®	0.45 lb	6
07941N	037103242983	Boxed	12 in	No	Magicut®	0.80 lb	6
07965N	037103242990	Boxed	14 in	No	Magicut®	1.10 lb	6