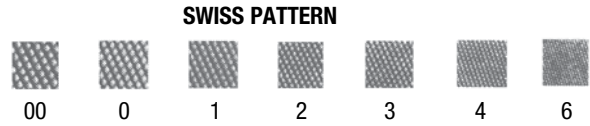


TECH INFORMATION

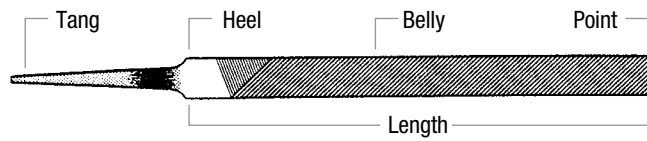
File Terminology

COARSENESS



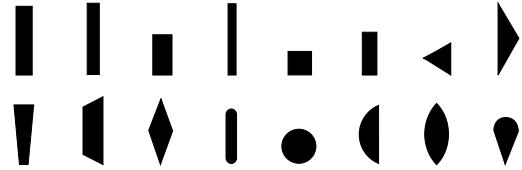
- Work to be accomplished, whether roughing or finishing, will determine type of teeth and coarseness for each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- Swiss pattern files are available in seven cuts: No. 00, 0, 1, 2, 3, 4,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

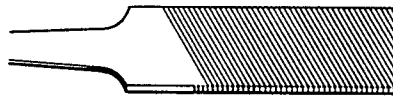
SHAPE



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

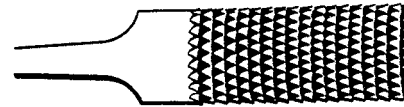
Kinds of Teeth

SINGLE-CUT



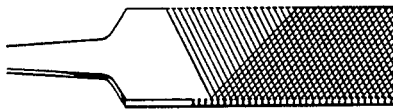
- Single set of parallel, diagonal rows of teeth
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws

RASP-CUT



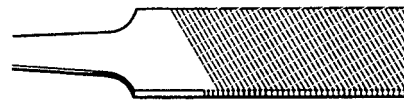
- Series of individual teeth which are formed by a single-pointed tool
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead

DOUBLE-CUT



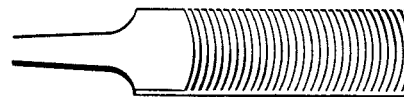
- 2 sets of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is known as upcut
- Upcut is finer than overcut
- Double-cut file is used with heavier pressure than the single-cut and removes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

Taper Files - Double Extra Slim



- American Pattern Taper File, Double Extra Slim
- Made for Filing Saws with 60° Angle Teeth
- Triangular Shape
- Single Cut
- Edges Set and Cut for Filing Gullets Between Saw Teeth
- Tapers Slightly Towards the Point
- In Filing Handsaws, It is Important to Select the Right File

Cat. No.	UPC No.	Packaging	Length	Handled	File Cut	Product Weight	Shelf Pack Qty.
14942M	037103142597	Boxed	4 in	No	Single	0.02 lb	12
14992M	037103142603	Boxed	5 in	No	Single	0.03 lb	12
15024N	037103217721	Boxed	6 in	No	Single	0.05 lb	12
15056N	037103217745	Boxed	7 in	No	Single	0.04 lb	12
15087N	037103217752	Boxed	8 in	No	Single	0.10 lb	12
21743N	037103217905	Carded	6 in	Yes	Single	0.20 lb	6
21874N	037103217974	Carded	6 in	No	Single	0.05 lb	6

Three Square Files



- American Pattern Three Square File, Bastard Cut
- For General Use By Machinists for Filing Internal Angles
- More Acute Than Right Angles, Clearing Out Square Corners
- Filing Taps and Gutters
- Triangular Shape
- Double Cut
- Sharp Corners Are Slightly Set and Cut
- Cut to the Point

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
15925N	037103218223	Boxed	6 in	Bastard	0.17 lb	12
15958N	037103218308	Boxed	6 in	Second	0.15 lb	12
15991N	037103218247	Boxed	6 in	Smooth	0.17 lb	12
16036N	037103218261	Boxed	8 in	Bastard	0.40 lb	12
16069N	037103218278	Boxed	8 in	Second	0.35 lb	12
16102N	037103218285	Boxed	8 in	Smooth	0.35 lb	12
16147N	037103218483	Boxed	10 in	Bastard	0.55 lb	12
16180N	037103218339	Boxed	10 in	Second	0.62 lb	12
16213N	037103218346	Boxed	10 in	Smooth	0.60 lb	12