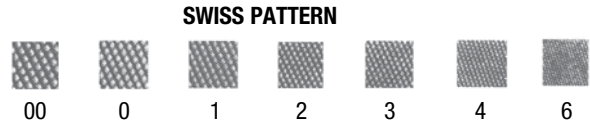


TECH INFORMATION

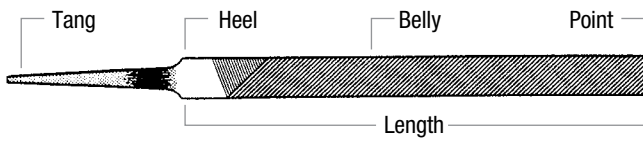
File Terminology

COARSENESS



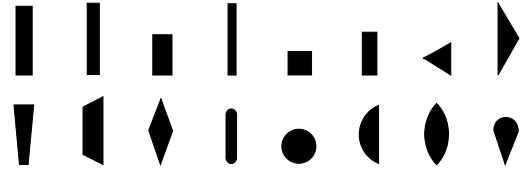
- Work to be accomplished, whether roughing or finishing, will determine type of teeth and coarseness for each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- Swiss pattern files are available in seven cuts: No. 00, 0, 1, 2, 3, 4,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

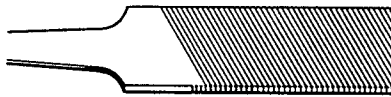
SHAPE



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

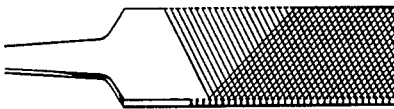
Kinds of Teeth

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

DOUBLE-CUT



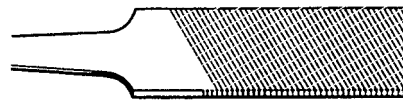
- 2 sets of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is known as upcut
- Upcut is finer than overcut
- Double-cut file is used with heavier pressure than the single-cut and removes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

RASP-CUT



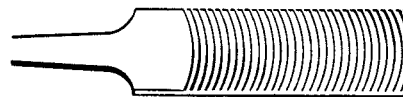
- Series of individual teeth which are formed by a single-pointed tool
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead

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



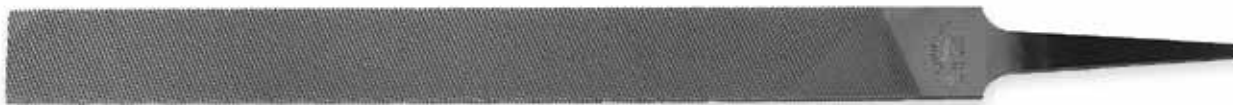
- Teeth arranged in curved contours across the file face
- Curved-cut file is normally used in automotive body shops for smoothing body panels

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

Hand Files



- American Pattern Hand File, Bastard Cut
- Rectangular Shape
- Double Cut
- 1 Safe Edge
- Same Coarseness As Flat Files of Corresponding Lengths

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
05652N	037103241443	Boxed	4 in	Bastard	0.05 lb	12
05675N	037103241450	Boxed	4 in	Second	0.05 lb	12
05738N	037103241467	Boxed	6 in	Bastard	0.15 lb	12
05771N	037103241474	Boxed	6 in	Second	0.15 lb	12
05804N	037103241481	Boxed	6 in	Smooth	0.15 lb	12
05853N	037103241498	Boxed	8 in	Bastard	0.30 lb	12
05886N	037103241504	Boxed	8 in	Second	0.30 lb	12
05919N	037103241511	Boxed	8 in	Smooth	0.30 lb	12
05968N	037103241528	Boxed	10 in	Bastard	0.50 lb	6
06001NN	037103241535	Boxed	10 in	Second	0.50 lb	6
06034N	037103241542	Boxed	10 in	Smooth	0.50 lb	6
06084N	037103241559	Boxed	12 in	Bastard	0.95 lb	6
06117N	037103241566	Boxed	12 in	Second	0.95 lb	6
06150N	037103241573	Boxed	12 in	Smooth	0.95 lb	6
06198N	037103241580	Boxed	14 in	Bastard	1.44 lb	6

Handy File



- American Pattern Handy File
- One Side is Single Cut for Tool Sharpening and Smoothing Metal Surfaces
- Reverse Side is Double-Cut for General Filing and Rapid Stock Removal
- Rectangular Shape
- 1 Cut Edge, 1 Safe Edge
- Length Measured Exclusive of Handle

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
06601N	037103242846	Carded	8 in	Single/Double	0.37 lb	6
06602N	037103242853	Boxed	8 in	Single/Double	0.60 lb	12
06686N	037103242891	Boxed	12 in	Single/Double	0.90 lb	6