



The most recognized  
brand of files in the world  
since 1864

- Files & Rasps
- File Accessories
- Hack Saws
- Hand Saws





In 1864, Nicholson® became the first successful manufacturer of machine-made files. Today, they are the most recognized brand of file in the world. Over the years, the Nicholson product line has increased in scope and size, and now includes files, rasps and handsaws, all manufactured to uncompromising standards of quality.



**Files, File Accessories & Saws**



**EDGED TO PERFECTION**

- **Precision Engineered** to provide maximum gram removal per stroke and amazing longevity
- **Rubber Coating** eliminates pressure points and allows a comfortable grip
- **Ergonomic Handle** has raised ribs and wide middle prevents files from slipping
- **Rear Taper** allows your hand to lock securely around the handle for increased push force
- **Resharpenable Teeth** for a longer saw life

Precision Engineered



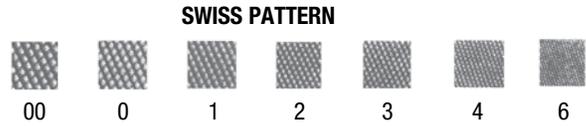
Ergonomic Handle



TECH INFORMATION

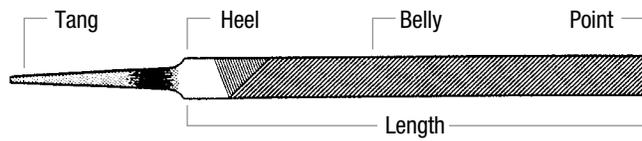
File Terminology

COARSENESS



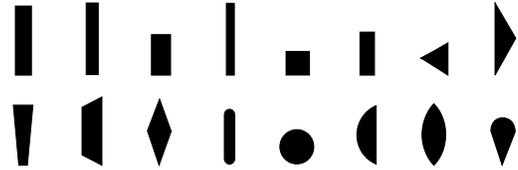
- Work to be accomplished, whether roughing or finishing, will determine type of teeth and coarseness for each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- Swiss pattern files are available in seven cuts: No. 00, 0, 1, 2, 3, 4,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

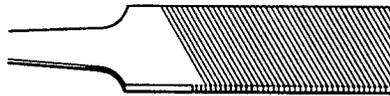
SHAPE



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

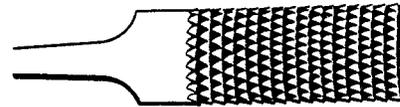
Kinds of Teeth

SINGLE-CUT



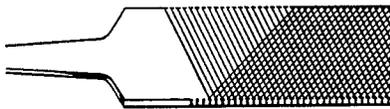
- Single set of parallel, diagonal rows of teeth
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws

RASP-CUT



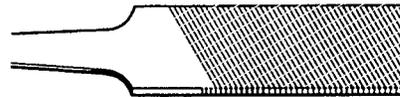
- Series of individual teeth which are formed by a single-pointed tool
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead

DOUBLE-CUT



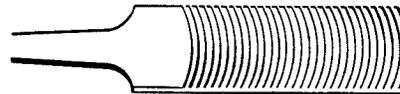
- 2 sets of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is known as upcut
- Upcut is finer than overcut
- Double-cut file is used with heavier pressure than the single-cut and removes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

## Aluminium Files - Type "A" Flat



- American Pattern Flat Aluminum Type
- All Sizes Have Same Number of Teeth Per Inch
- Special Tooth Construction Eliminates Clogging When Filing Aluminum
- Smooth Finish Obtained By Using Shearing Cut Toward Left
- Flat Shape

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
00001N	037103242525	Boxed	6 in	Double Cut	0.10 lb	12
00024N	037103242532	Boxed	8 in	Double Cut	0.25 lb	12
00047N	037103242549	Boxed	10 in	Double Cut	0.45 lb	6
00070N	037103242556	Boxed	12 in	Double Cut	0.80 lb	6

## Axe Sharpening File



- American Pattern Axe Sharpening File
- Double-Cut on 1 Side, Single-Cut on Opposite
- Ideal for Sharpening Axes and Miscellaneous Garden Tools
- 2 Safe Edges
- Rectangular Shape
- Length Measured Exclusive of Handle

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
06704N	037103242907	Boxed	8 in	Single/Double	0.45 lb	12
06706N	037103242914	Carded	8 in	Single/Double	0.50 lb	6

## Chain Saw Files - Flat



- American Pattern Flat Chain Saw File
- Rectangular Shape
- Used for Cutter-Raker Type (2 Round Edges) Chain Saw

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
02215N	037103242563	Boxed	8 in	Single	0.25 lb	12

## Chain Saw Files - Round



- American Pattern Round Chain Saw File
- Tighten Tension on Chain to Firmly Support Cutters When Filing
- File From Inside to Outside of Cutter
- Place File Against Beveled Cutting Surface of Teeth 20° to 45° with Saw
- Follow Saw Manufacturers' Specifications
- Sharpen All Left Hand Cutters on One Side of Chain
- Then Move to the Other Side and File All the Right Hand Cutters
- Check Depth Gauge Height Every 2 or 3 Sharpenings
- Height Between Cutting Teeth and Depth Gauge is Between 0.020" to 0.030"

Cat. No.	UPC No.	Packaging	Packaged	Length	Diameter	File Cut	Product Weight	Shelf Pack Qty.
01590	037103015907	Carded	1/Card	6 in	1/8 in	Knurl Cut	0.08 lb	6
02144N	037103221735	Boxed	-	6 in	1/8 in	Knurl Cut	0.02 lb	6
01630	037103016300	Carded	1/Card	6 in	5/32 in	Knurl Cut	0.08 lb	3
01633	037103016331	Carded	2/Card	6 in	5/32 in	Knurl Cut	0.08 lb	6
02145N	037103221681	Boxed	-	6 in	5/32 in	Knurl Cut	0.03 lb	6
01974	037103019745	Carded	1/Card	8 in	1/4 in	Knurl Cut	0.14 lb	6
02147N	037103221698	Boxed	-	8 in	1/4 in	Knurl Cut	0.10 lb	6
23861	037103238610	Carded	1/Card	8 in	13/64 in	Knurl Cut	0.18 lb	6
01765	037103017659	Carded	1/Card	8 in	3/16 in	Knurl Cut	0.09 lb	6
01768	037103017680	Carded	2/Card	8 in	3/16 in	Knurl Cut	0.08 lb	6
02229B	037103232960	Bagged	-	8 in	3/16 in	Knurl Cut	0.19 lb	4
01891	037103018915	Carded	1/Card	8 in	5/32 in	Knurl Cut	0.09 lb	6
02228B	037103232953	Bagged	-	8 in	5/32 in	Knurl Cut	0.13 lb	4
01888	037103018885	Carded	1/Card	8 in	7/32 in	Knurl Cut	0.10 lb	3
01894	037103018946	Carded	2/Card	8 in	7/32 in	Knurl Cut	0.09 lb	6
02230B	037103232977	Bagged	-	8 in	7/32 in	Knurl Cut	0.24 lb	4

## Depth Gauge Chain Saw File



- American Pattern Depth Gauge Chain Saw File
- Rectangular Shape
- Single Cut, Safe Edges
- Length Shown is Overall Length of File
- Used for Filing and Maintaining Proper Depth Gauge Clearance

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
02244N	037103242570	Boxed	8 in	Single	0.08 lb	12

## Double Ender Files



- American Pattern Taper File, Regular
- Triangular Shape
- Tapers Slightly Towards the Point
- File Supplied with Handles
- Double-Ended 1/2 File
- Sides and Edges Are Single-Cut From Points to Center Giving Full Use of File

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
02884M	037103143914	Boxed	6 in	Single	0.05 lb	12
02905M	037103143969	Boxed	7 in	Single	0.05 lb	12
02926M	037103144003	Boxed	8 in	Single	0.07 lb	12

## Farmer's Own File



- American Pattern Farmer's Own File
- General Purpose File Suited for Agricultural Use
- Rectangular Shape, Single Cut, Safe Edges
- Length Measured Exclusive of Handle
- Convenient Hang Up Hole

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
06637N	037103242860	Carded	6 in	Single	0.30 lb	6
06649N	037103242877	Boxed	8 in	Single	0.45 lb	12
06668N	037103242884	Boxed	10 in	Single	0.70 lb	6
08922N	037103243218	Carded	8 in	Single	0.50 lb	6

## Flat Files



- American Pattern Flat File, Bastard Cut
- Used By Machinists, Machinery Builders, Ship and Engine Builders
- Also By Repairman and Others Who Require Rapid Removal of Metal
- Rectangular in Cross Section and Taper Slightly Towards Point in Width
- Double Cut on Sides, Single Cut on Edges

Cat. No.	UPC No.	Packaging	Length	Handled	File Cut	Product Weight	Shelf Pack Qty.
03367N	037103242600	Boxed	4 in	No	Bastard	0.03 lb	12
03401N	037103242617	Boxed	4 in	No	Second	0.03 lb	12
03434N	037103242624	Boxed	4 in	No	Smooth	0.03 lb	12
03467N	037103242631	Boxed	6 in	No	Bastard	0.10 lb	12
03500N	037103242648	Boxed	6 in	No	Second	0.10 lb	12
03533N	037103242655	Boxed	6 in	No	Smooth	0.10 lb	12
03534N	037103242662	Carded	6 in	No	Smooth	0.15 lb	6
03566N	037103242679	Boxed	8 in	No	Bastard	0.25 lb	12
03599N	037103242686	Boxed	8 in	No	Second	0.25 lb	12
03632N	037103242693	Boxed	8 in	No	Smooth	0.25 lb	12
03633N	037103242709	Carded	8 in	No	Smooth	0.25 lb	6
03665N	037103242716	Boxed	10 in	No	Bastard	0.45 lb	6
03698N	037103242723	Boxed	10 in	No	Second	0.45 lb	6
03731N	037103242730	Boxed	10 in	No	Smooth	0.45 lb	6
03732N	037103242747	Carded	10 in	No	Smooth	0.60 lb	6
03762N	037103242754	Carded	12 in	No	Bastard	0.75 lb	6
03764N	037103242761	Boxed	12 in	No	Bastard	0.80 lb	6
03797N	037103242778	Boxed	12 in	No	Second	0.80 lb	6
03830N	037103242785	Boxed	12 in	No	Smooth	0.80 lb	6
03863N	037103242792	Boxed	14 in	No	Bastard	1.10 lb	6
03896N	037103242815	Boxed	14 in	No	Second	1.10 lb	6
03929N	037103242808	Boxed	14 in	No	Smooth	1.10 lb	6
03980N	037103242822	Boxed	16 in	No	Bastard	2.00 lb	6
21748HN	037103243485	Carded	8 in	Yes	Bastard	0.35 lb	6
21862N	037103243591	Carded	8 in	No	Bastard	0.20 lb	3
21867N	037103243607	Carded	6 in	No	Bastard	0.15 lb	3
21868HN	037103243614	Carded	10 in	Yes	Bastard	0.60 lb	3
21868N	037103243621	Carded	10 in	No	Bastard	0.48 lb	3

## Half Round Files



- Used on Concave, Convex and Flat Surfaces
- Flat Sides of All Half-Round Files Are Double Cut
- Rounded on 1 Side, Flat on Opposite
- Pipeliner file (#05190N) is single-cut on both sides

Cat. No.	UPC No.	Packaging	Length	Handled	File Cut	Product Weight	Shelf Pack Qty.
04695N	037103218513	Boxed	4 in	No	Bastard	0.06 lb	12
04729N	037103218407	Boxed	4 in	No	Second	0.06 lb	12
04762N	037103218414	Boxed	4 in	No	Smooth	0.06 lb	12
04795N	037103218520	Boxed	6 in	No	Bastard	0.13 lb	12
04798HN	037103218957	Carded	6 in	Yes	Bastard	0.36 lb	6
04828N	037103218438	Boxed	6 in	No	Second	0.10 lb	12
04861N	037103218445	Boxed	6 in	No	Smooth	0.10 lb	12
04896N	037103218551	Boxed	8 in	No	Bastard	0.27 lb	12
04927N	037103218568	Boxed	8 in	No	Second	0.25 lb	12
04960N	037103218728	Boxed	8 in	No	Smooth	0.25 lb	12
04995N	037103218803	Boxed	10 in	No	Bastard	0.55 lb	6
05026N	037103218612	Boxed	10 in	No	Second	0.49 lb	6
05059N	037103218827	Boxed	10 in	No	Smooth	0.53 lb	6
05090N	037103219015	Carded	12 in	No	Bastard	0.90 lb	6
05094N	037103218650	Boxed	12 in	No	Bastard	0.85 lb	6
05125N	037103218841	Boxed	12 in	No	Second	0.90 lb	6
05158N	037103218889	Boxed	12 in	No	Smooth	0.95 lb	6
05190N	037103218940	Boxed	14 in	No	Bastard	1.50 lb	6
05194N	037103218926	Boxed	14 in	No	Bastard	1.25 lb	6
05225N	037103218933	Boxed	14 in	No	Second	1.27 lb	6
05258N	037103218711	Boxed	14 in	No	Smooth	1.28 lb	6
05307N	037103218018	Boxed	16 in	No	Bastard	1.99 lb	6
21745HN	037103219039	Carded	8 in	Yes	Bastard	0.40 lb	6
21745N	037103219022	Carded	8 in	Yes	Bastard	0.40 lb	6
21746HN	037103219046	Carded	10 in	Yes	Bastard	0.69 lb	6
21857N	037103219077	Carded	8 in	No	Bastard	0.30 lb	6
21858N	037103219091	Carded	10 in	No	Bastard	0.56 lb	6
21881N	037103219114	Carded	6 in	No	Bastard	0.15 lb	6

## 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

## 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

## 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

## Mill Files



- American Pattern Mill File, Bastard Cut
- Used for Sharpening Mill or Circular Saws
- Also for Draw-Filing and Finishing Metals
- Rectangular Shape
- Single Cut on Sides and Edges
- 2 Square Edges
- All Sizes Taper Slightly in Width

Cat. No.	UPC No.	Packaging	Length	Handled	File Cut	Product Weight	Shelf Pack Qty.
08243N	037103243003	Boxed	4 in	No	Bastard	0.03 lb	12
08306N	037103243010	Boxed	4 in	No	Smooth	0.03 lb	12
08354N	037103243027	Boxed	6 in	No	Bastard	0.10 lb	12
08385N	037103243041	Boxed	6 in	No	Second	0.10 lb	12
08416N	037103243058	Boxed	6 in	No	Smooth	0.10 lb	12
08497N	037103243065	Boxed	8 in	No	Bastard	0.25 lb	12
08529N	037103243089	Boxed	8 in	No	Second	0.25 lb	12
08559N	037103243096	Carded	8 in	No	Smooth	0.25 lb	6
08560N	037103243102	Boxed	8 in	No	Smooth	0.25 lb	12
08642N	037103243119	Boxed	10 in	No	Bastard	0.45 lb	12
08673N	037103243133	Boxed	10 in	No	Second	0.45 lb	12
08702N	037103243140	Carded	10 in	No	Smooth	0.60 lb	6
08704N	037103243157	Boxed	10 in	No	Smooth	0.45 lb	12
08737N	037103243164	Boxed	12 in	No	Bastard	0.80 lb	6
08768N	037103243171	Boxed	12 in	No	Second	0.80 lb	6
08799N	037103243188	Boxed	12 in	No	Smooth	0.80 lb	6
08832N	037103243195	Boxed	14 in	No	Bastard	1.10 lb	6
08894N	037103243201	Boxed	14 in	No	Smooth	1.10 lb	6
08925N	037103243225	Boxed	16 in	No	Bastard	2.00 lb	6
21687HN	037103243416	Carded	6 in	Yes	Bastard	0.25 lb	6
21687N	037103243423	Carded	6 in	Yes	Bastard	0.25 lb	6
21694HN	037103243447	Carded	8 in	Yes	Bastard	0.35 lb	6
21694N	037103243454	Carded	8 in	Yes	Bastard	0.35 lb	6
21701HN	037103243461	Carded	10 in	Yes	Bastard	0.60 lb	6
21701N	037103243478	Carded	10 in	Yes	Bastard	0.60 lb	6
21825N	037103243508	Carded	6 in	No	Bastard	0.18 lb	6
21832N	037103243515	Carded	8 in	No	Bastard	0.25 lb	6
21839N	037103243546	Carded	10 in	No	Bastard	0.60 lb	6
21842HN	037103243553	Boxed	12 in	Yes	Bastard	0.80 lb	-
21842N	037103243560	Carded	12 in	No	Bastard	0.72 lb	3

## Mill Files - 1 and 2 Round Edges



- Round Edges Are Used Where Rounding Gullets Are Preferred
- Compared to Sharp Corners or Squared Gullets
- Rectangular Shape
- Single Cut on Sides and Edges
- Bastard Cut
- Same As Regular Mill File Except It Has 1 Round Edge

Cat. No.	UPC No.	Packaging	Length	Handled	File Cut	Edge Type	Product Weight	Shelf Pack Qty.
09099N	037103243232	Boxed	8 in	No	Bastard	One Round	0.25 lb	12
09179N	037103243249	Boxed	10 in	No	Bastard	One Round	0.45 lb	12
09227N	037103243256	Boxed	12 in	No	Bastard	One Round	0.80 lb	6
09389N	037103243263	Boxed	8 in	No	Bastard	Two Round	0.25 lb	12
09469N	037103243270	Boxed	10 in	No	Bastard	Two Round	0.45 lb	12

## Round Files



- American Pattern Round File, Bastard Cut
- Primarily Used to File Circular Openings or Concave Surfaces
- Single Cut
- Tapered Slightly Towards Point
- Round Shape
- Safe Point on Round Files

Cat. No.	UPC No.	Packaging	Length	Handled	Diameter	File Cut	Product Weight	Shelf Pack Qty.
11526N	037103231901	Boxed	4 in	No	1/8 in	Bastard	0.02 lb	12
11559NN	037103231895	Boxed	4 in	No	1/8 in	Second	0.02 lb	12
11592NN	037103231918	Boxed	4 in	No	1/8 in	Smooth	0.02 lb	12
11637N	037103231925	Boxed	5 in	No	3/16 in	Bastard	0.03 lb	12
11716N	037103231826	Boxed	6 in	No	1/4 in	Bastard	0.02 lb	12
11748N	037103231987	Boxed	6 in	No	1/4 in	Second	0.05 lb	12
11781N	037103231994	Boxed	6 in	No	1/4 in	Smooth	0.05 lb	12
11904	037103119049	Boxed	8 in	No	5/16 in	Bastard	0.14 lb	12
11936	037103119360	Boxed	8 in	No	5/16 in	Second	0.10 lb	12
11969	037103119698	Boxed	8 in	No	5/16 in	Smooth	0.20 lb	12
12019	037103120199	Boxed	10 in	No	3/8 in	Bastard	0.25 lb	12
12051	037103120519	Boxed	10 in	No	3/8 in	Second	0.25 lb	12
12084	037103120847	Boxed	10 in	No	3/8 in	Smooth	0.30 lb	12
12131	037103121318	Carded	12 in	No	1/2 in	Bastard	0.60 lb	6
12134	037103121349	Boxed	12 in	No	1/2 in	Bastard	0.55 lb	6
12166	037103121660	Boxed	12 in	No	1/2 in	Second	0.55 lb	6
12199	037103121998	Boxed	12 in	No	1/2 in	Smooth	0.55 lb	6
12248	037103122483	Boxed	14 in	No	5/8 in	Bastard	1.00 lb	6
21708N	037103232007	Carded	6 in	Yes	1/4 in	Bastard	0.21 lb	6
21715	037103217158	Carded	8 in	Yes	5/16 in	Bastard	0.26 lb	6
21846N	037103232014	Carded	6 in	No	1/4 in	Bastard	0.12 lb	3
21853	037103218537	Carded	8 in	No	5/16 in	Bastard	0.16 lb	6
21854	037103218544	Carded	10 in	No	3/8 in	Bastard	0.30 lb	6

## Square Files



- American Pattern Square File, Bastard Cut
- Used on Slots, Keyways and General Surface Filing
- Square Shape
- Double Cut
- Tapered Slightly Towards Point
- Larger Sizes Frequently Preferred to Corresponding Flat Files
- This is Due to a Heavier Section and 4 Filing Surfaces

Cat. No.	UPC No.	Packaging	Length	Diameter	File Cut	Product Weight	Shelf Pack Qty.
12790	037103127907	Boxed	4 in	5/32 in	Bastard	0.03 lb	12
12857	037103128577	Boxed	4 in	5/32 in	Smooth	0.03 lb	12
12967	037103129673	Boxed	6 in	1/4 in	Bastard	0.10 lb	12
13000N	037103130006	Boxed	6 in	1/4 in	Second	0.08 lb	12
13033	037103130334	Boxed	6 in	1/4 in	Smooth	0.08 lb	12
13081	037103130815	Boxed	8 in	5/16 in	Bastard	0.10 lb	12
13114	037103131140	Boxed	8 in	5/16 in	Second	0.10 lb	12
13147	037103131478	Boxed	8 in	5/16 in	Smooth	0.55 lb	12
13196	037103131966	Boxed	10 in	3/8 in	Bastard	0.30 lb	12
13229	037103132291	Boxed	10 in	3/8 in	Second	0.30 lb	12
13262	037103132628	Boxed	10 in	3/8 in	Smooth	0.30 lb	12
13310	037103133106	Boxed	12 in	1/2 in	Bastard	0.65 lb	6
13343	037103133434	Boxed	12 in	1/2 in	Second	0.68 lb	6
13376	037103133762	Boxed	12 in	1/2 in	Smooth	0.65 lb	6
13425	037103134257	Boxed	14 in	5/8 in	Bastard	1.20 lb	6

## Taper (Triangular) Saw Files

Number of Saw Points	Files Recommended
4	7" Heavy or 8" Regular Taper
5	7" Regular Taper or 10" Slim
5 1/2	7" Regular Taper or 10" Slim
6	5" or 6" Regular Taper 7" or 8" Slim
7	6" or 7" Slim
8	4" Regular Taper 6" Slim, 7" X Slim, 8" XX Slim
9	5" Slim, 6" X Slim, 7" XX Slim
10	3 1/2" Regular Taper or 5" Slim, 5" or 6" X Slim
11	3" Regular Taper or 4" Slim, 5" X Slim, 6" XX Slim
12	3" Regular Taper or 5" X Slim
13,14	4" X Slim or 5" XX Slim
15,16	4" XX Slim

- Made for Filing Saws with 60° Angle Teeth
- Triangular Shape
- Single-Cut
- Edges Set and Cut for Filing Gullets Between Saw Teeth
- When Filing Handsaws, it is Important to Select the Right File
- In general, the table lists suggested size and type of file that will give best result

## Taper Files - Heavy



- American Pattern Taper File, Regular
- Made for Filing Saws with 60° Angle Teeth
- Triangular Shape
- Edges Set and Cut for Filing Gullets Between Saw Teeth
- Tapers Slightly Towards the Point
- When Filing Handsaws, it is Important to Select the Right File

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
14048M	037103142870	Boxed	7 in	Single	0.30 lb	12

## Taper Files - Machete



- American Pattern Taper File, Machete
- Used for Sharpening Machete Knife Blades
- Single Cut with No Edge Teeth
- Triangular in Shape
- Tapers Slightly Towards the Point

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
13878M	037103162601	Boxed	8 in	Single	0.35 lb	12

## Taper Files - Regular



- American Pattern Taper File, Regular
- 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
- When Filing Handsaws, it is Important to Select the Right File

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
13692M	037103162526	Boxed	3 in	Single	0.03 lb	12
13710M	037103162533	Boxed	3-1/2 in	Single	0.04 lb	12
13727M	037103162540	Boxed	4 in	Single	0.05 lb	12
13772M	037103162564	Boxed	5 in	Single	0.10 lb	12
13807M	037103143952	Boxed	6 in	Single	0.15 lb	12
13841M	037103162502	Boxed	7 in	Single	0.25 lb	12
13875M	037103162595	Boxed	8 in	Single	0.35 lb	12
13930N	037103218490	Boxed	10 in	Single	0.60 lb	12

## Taper Files - Slim



- American Pattern Taper File, 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.
14106M	037103142511	Boxed	4 in	No	Single	0.03 lb	12
14139M	037103162625	Boxed	4-1/2 in	No	Single	0.04 lb	12
14162M	037103142528	Boxed	5 in	No	Single	0.05 lb	12
14224M	037103142535	Boxed	6 in	No	Single	0.09 lb	12
14255M	037103142610	Boxed	7 in	No	Single	0.14 lb	12
14290M	037103142894	Boxed	8 in	No	Single	0.30 lb	12
14341N	037103218377	Boxed	10 in	No	Single	0.41 lb	12
21729HN	037103217882	Carded	6 in	Yes	Single	1.00 lb	6
21729N	037103217875	Carded	6 in	Yes	Single	0.20 lb	6
21755N	037103264930	Carded	7 in	Yes	Single	2.13 lb	6
21866N	037103217929	Carded	6 in	No	Single	0.11 lb	6

## Taper Files - Extra Slim



- American Pattern Taper File, 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.
14547M	037103142580	Boxed	4 in	No	Single	0.02 lb	12
14599M	037103142931	Boxed	5 in	No	Single	0.03 lb	12
14600N	037103217806	Carded	5 in	No	Single	0.05 lb	6
14665M	037103144034	Boxed	6 in	No	Single	0.05 lb	12
14696N	037103217837	Carded	7 in	No	Single	0.15 lb	6
14698N	037103217707	Boxed	7 in	No	Single	0.10 lb	12
14729N	037103217714	Boxed	8 in	No	Single	0.20 lb	12
21736N	037103217899	Carded	6 in	Yes	Single	0.19 lb	6
21873N	037103217950	Carded	6 in	No	Single	0.05 lb	6
21875N	037103218155	Carded	4 in	No	Single	0.05 lb	6

## 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

## Tungsten Point Files



- American Pattern Tungsten Point File
- For Dressing Distributor Points That Are Tipped with Tungsten, Iridium
- Thin Rectangular Shape
- Double-Cut
- Chisel Tip of File Enters Slots or Gaps Easily
- Handle Shape Tang
- Approximate size 5/16"/8mm x .044"/1.10mm

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
02373N	037103242587	Boxed	5-1/4 in	Double	0.05 lb	12
02375N	037103242594	Carded	5-1/4 in	Double	0.03 lb	6

## Veneer Knife Files



- American Pattern Veneer Knife File, Blunt, Bastard Cut
- Specially Designed for Sharpening Veneer Knives
- Thin Rectangular Shape
- Blunt, Bastard Cut
- 2 Round Edges

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
10799N	037103243294	Boxed	10 in	Bastard	0.45 lb	12

## Warding Files



- American Pattern Warding File, Bastard Cut
- Used Primarily By Locksmiths in Repairing & Filing Ward Notches in Keys
- Thin Rectangular Shape
- Double Cut on Sides, Single Cut on Edges
- Also Suited for Use in Narrow Spaces Where Other Files Will Not Fit

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
16507N	037103243317	Boxed	4 in	Bastard	0.03 lb	12
16540N	037103243324	Boxed	4 in	Second	0.03 lb	12
16573N	037103243331	Boxed	4 in	Smooth	0.03 lb	12
16663N	037103243348	Boxed	6 in	Bastard	0.10 lb	12
16696N	037103243355	Boxed	6 in	Second	0.10 lb	12
16729N	037103243362	Boxed	6 in	Smooth	0.10 lb	12
16761N	037103243379	Boxed	8 in	Bastard	0.15 lb	12
16794N	037103243386	Boxed	8 in	Second	0.15 lb	12
16827N	037103243393	Boxed	8 in	Smooth	0.15 lb	12

## Wood Files (Coarse) - Half Round



- American Pattern, Half Round Wood File, Coarse
- Made in Same Section and Size As Half Round File
- Specially Coarse Teeth for Use on Wood

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
17505N	037103218636	Boxed	10 in	Coarse	0.50 lb	6

## Wood Chuck



- Oversized, impact resistant co-mold handle for years of hard use
- Edge teeth for removal of material in confined areas
- Steel strike plate to protect against breakage or mushrooming
- Polished and ground blade, extremely sharp for crisp cut
- Forged steel to retain rasp and chisel sharpness
- Flat wood rasp for rapid stock removal

Cat. No.	UPC No.	Packaging	Blade Width	Handled	Product Weight	Shelf Pack Qty.
WC12CMN	037103219930	Carded	1/2 in	Ergonomic	0.47 lb	3
WC1CMN	037103219947	Carded	1 in	Ergonomic	0.63 lb	3
WC34CMN	037103219954	Carded	3/4 in	Ergonomic	0.53 lb	3
WCSET3CMN	037103219961	Carded	1/2 in	Ergonomic	1.45 lb	-

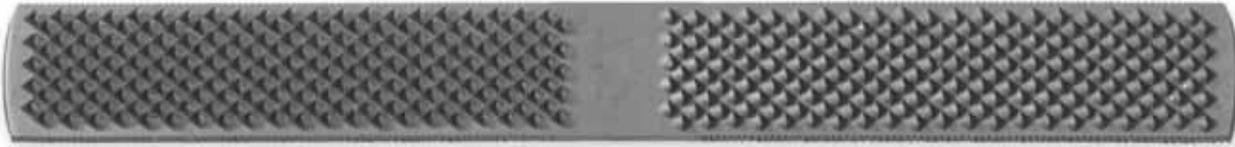
## Cabinet Rasps



- American pattern rasp, half round cabinet, second cut
- Single cut on edges
- Used by cabinetmakers and woodworkers
- Curved side of rasps similar to half-round rasps but has larger radius
- Half round

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
17615N	037103219572	Boxed	8 in	Regular Second	0.23 lb	12
17683N	037103219596	Boxed	10 in	Regular Second	0.40 lb	6
17751N	037103219602	Boxed	12 in	Regular Second	0.80 lb	6

## Horse Rasps - Plain 1/2 File



- American pattern horse rasp, plain 1/2 file, regular
- This thin fine-toothed rasp for shoeing racetrack riding horses & ponies
- Plain horse rasps are double-ended with rasp teeth on 1 side
- File teeth on opposite side
- Rectangular shape

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
17873N	037103219459	Boxed	14 in	Rasp Punch/Coarse	1.10 lb	6
17903N	037103217998	Boxed	14 in	Rasp Punch/Coarse	1.60 lb	6
17910N	037103218001	Pouch	14 in	Rasp Punch/Coarse	1.60 lb	6

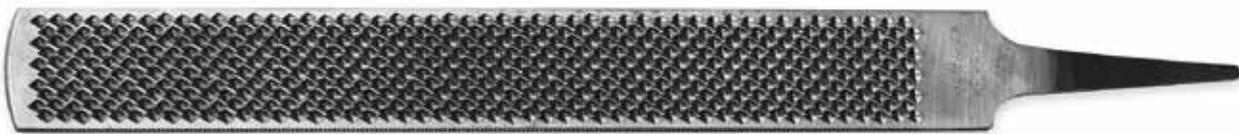
## Farrier's Handy Rasps



- American pattern farrier's handy rasp, tanged
- Rectangular shape
- Single cut on edges
- Comfortable cushion grip at point and handle
- Rasp teeth on 1 side, file teeth on opposite
- Rasp cut is 6 teeth per row (other horse rasps have 5 teeth per row)
- Body is the same as the 14" Plater's Special

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
18155N	037103219558	Boxed	14 in	Rasp/Double	1.45 lb	5

## Horse Rasps - Tanged



- American pattern horse rasp, tanged
- Rectangular shape
- Single cut on edges
- Tanged
- Rasp teeth on 1 side, file teeth on opposite
- Thicker than Plater's Special - ideal for hot rasping

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
18035N	037103219466	Boxed	12 in	Rasp/Double	1.50 lb	6
18057N	037103219473	Boxed	14 in	Rasp/Double	2.15 lb	6

## Magicut® Plater's Special Horse Rasp



- American pattern plater's special Magicut horse rasp, tanged
- Maximum cutting surface design gives rapid removal and smoother finish
- Single cut on edges
- Opposite side has the Nicholson® unique Magicut® file pattern
- These are narrow chip breakers created by steep and angled serrations
- Rectangular shape
- Tooth design is cut deeper to last longer
- They cut much faster than conventional horse rasps
- Rasp cut is 6 teeth per row (other horse rasps have 5 teeth per row)

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
18130N	037103219534	Boxed	14 in	Rasp/Magicut®	1.35 lb	6
18153N	037103219480	Pouch	14 in	Rasp/Magicut®	1.45 lb	6

## Pattern Maker's Cabinet Rasps



- American pattern rasp, pattern maker's cabinet
- Used primarily by cabinetmakers
- Half-round shape
- Narrow pattern, cut edges
- Used when smooth wood finish is required

Cat. No.	UPC No.	Packaging	Length	File Cut	Code No.	Product Weight	Shelf Pack Qty.
18846N	037103219640	Boxed	10 in	Second	49	0.25 lb	6
18861N	037103219626	Boxed	10 in	Smooth	50	0.25 lb	6

## 4-in-Hand (Formerly Shoe Rasp)



- For the Homeowner, Home Craftsman, Boat Builder And Mechanic
- Half-Round Shape
- Has the File Section And Rasp Section on Both Flat Side And Half-Round Side

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
18924N	037103219763	Boxed	8 in	Rasp/Single/Double	0.35 lb	6
21860N	037103219848	Carded	8 in	Rasp/Single/Double	0.36 lb	6
19013N	037103219787	Boxed	9 in	Rasp/Single/Double	0.60 lb	6
21870N	037103219862	Carded	9 in	Rasp/Single/Double	0.40 lb	6
18962N	037103219794	Boxed	10 in	Rasp/Single/Double	0.60 lb	6
18960N	037103219909	Carded	10 in	Rasp/Single/Double	0.63 lb	6

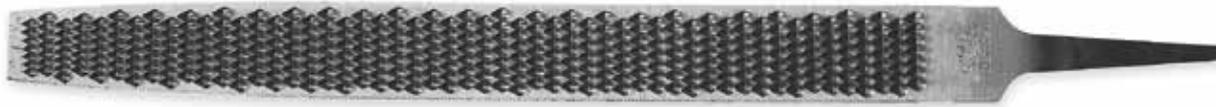
## Woodcraft Rasp - Half Rasp, Half File



- American pattern woodcraft rasp, half rasp, half file
- Ideal for use in woodworking plants
- Also by professional carpenters, hobbyists and DIY enthusiasts
- Half-round rasp side for rapid stock removal
- File cut side for smoothing purposes
- For use on wood, leather, soapstone and soft metals
- 8"/200mm length is exclusive of handle

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
18617N	037103219749	Boxed	8 in	Rasp Punch/Wood	0.50 lb	6
23859N	037103219879	Carded	8 in	Bastard	0.60 lb	6

## Wood Rasps - Flat Bastard



- American pattern wood rasp, flat bastard
- Used by woodworkers, hobbyists and plumbers
- For use on wood and soft metals
- Flat shape
- Bastard cut

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
19136N	037103219695	Boxed	10 in	Bastard	0.65 lb	6

## Wood Rasps - Half Round



- American pattern wood rasp, half round, bastard cut, red handle
- Used by woodworkers, hobbyists and plumbers
- Half-round shape
- Single cut file teeth on edge
- For use on wood and soft metals

Cat. No.	UPC No.	Packaging	Length	File Cut	Handled	Product Weight	Shelf Pack Qty.
19394N	037103219633	Boxed	8 in	Bastard	No	0.25 lb	12
21749HN	037103219053	Carded	8 in	Bastard	Yes	0.42 lb	6
21878N	037103219718	Carded	8 in	Bastard	No	0.30 lb	6
19427N	037103219657	Boxed	10 in	Bastard	No	0.65 lb	6
19460N	037103219664	Boxed	12 in	Bastard	No	0.90 lb	6
19493N	037103219732	Boxed	14 in	Bastard	No	1.40 lb	6

## Wood Rasps Round Bastard



- American pattern wood rasp, round, bastard cut
- Used for same purpose as regular wood rasps
- Used in places for which their shapes make them particularly effective
- Round shape
- Bastard cut
- Made from same size steel as round files

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
19846	037103198464	Boxed	8 in	Bastard	0.15 lb	12
19875	037103198754	Boxed	10 in	Bastard	0.26 lb	12

## Diamond Horse Rasps



- Superior performance in both wet and dry conditions
- Resists clogging due to the angled tooth face
- Both sides are safe 7/8"/22mm at point
- Rasp teeth on 1 side, file teeth on opposite, single cut on edges
- Rasp side allows for aggressive, but controlled hoof removal
- File side produces a consistent smooth finish
- Rectangular shape
- Sharper than regular horse rasps
- HR15 (Outlaw) rasp is less aggressive, but extremely durable for long life

Cat. No.	UPC No.	Length	File Cut	Product Weight	Shelf Pack Qty.
HR14N	037103219510	14 in	Rasp/File	1.40 lb	6
HR15	037103206343	14 in	Rasp/Double	1.65 lb	6

## Barrette Files



- Made to More Exacting Measurements Than American Pattern Files
- Used By Tool and Die Makers, Jewelers, Model Makers, Home Craftsman
- Recommended for Those Who Do Superfine Precision Filing
- Double Cut, Wide Flat Sides
- Flat on 1 Side, Backs Are Beveled on Edges As Indicated By Cross Section
- Back and Beveled Edges Are Safe
- Included Angle is 33°

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
35025N	037103241900	Boxed	4 in	00	0.05 lb	12
35031N	037103241917	Boxed	4 in	0	0.05 lb	12
35061N	037103241924	Boxed	6 in	0	0.10 lb	12
35073N	037103241931	Boxed	6 in	2	0.10 lb	12

## Barrette Files - Hot Die



- XF® Files, Swiss Pattern Barrette File, Hot Die, Cut No. 00
- Made to More Exacting Measurements Than American Pattern Files
- Used By Tool and Die Makers, Jewelers, Model Makers, Home Craftsman
- Recommended for Those Who Do Superfine Precision Filing
- Double Cut, Wide Flat Sides
- Flat on 1 Side, Backs Are Beveled on Edges As Indicated By Cross Section
- Back and Beveled Edges Are Safe
- Included Angle is 33°
- Approximate Point Thickness is .040"/1.10mm
- Same As Regular Barrette Files Except with Thinner Point

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
35108N	037103241948	Boxed	3 in	00	0.02 lb	12
35114N	037103241955	Boxed	4 in	00	0.03 lb	12

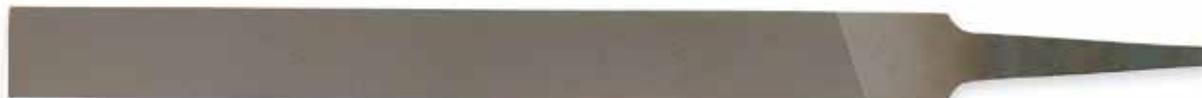
## 6-1/2" (163mm) Die Sinker's Rifflers



- Made to More Exacting Measurements Than American Pattern Files
- Used By Tool and Die Makers, Jewelers, Model Makers and Home Craftsman
- Made in Approximately 6-1/2"/165mm Length
- Made in Shales As Illustrated
- Each Riffler Identified By Number

Cat. No.	UPC No.	Packaging	Length	File Cut	Style	Product Weight	Shelf Pack Qty.
35976	037103359766	Boxed	6-1/2 in	0	1	0.02 lb	12
35982	037103359827	Boxed	6-1/2 in	2	1	0.02 lb	12
36018N	037103360182	Boxed	6-1/2 in	2	5	0.02 lb	12
36054	037103360540	Boxed	6-1/2 in	2	7	0.02 lb	12

## Equaling Files



- Made to More Exacting Measurements Than American Pattern Files
- Used By Tool and Die Makers, Jewelers, Model Makers and Home Craftsman
- Rectangular Shape
- Double-Cut on Sides, Single-Cut on Edges
- Parallel in Both Width and Thickness for Their Entire Length

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
36219N	037103241962	Boxed	4 in	0	0.05 lb	12
36227N	037103241979	Boxed	4 in	2	0.05 lb	12
36253N	037103241986	Boxed	6 in	2	0.10 lb	12
36281N	037103241993	Boxed	8 in	2	0.25 lb	12

## Half Round Files



- Made to More Exacting Measurements Than American Pattern Files
- Used By Tool and Die Makers, Jewelers, Model Makers and Home Craftsman
- Double Cut on Both Flat and Half-Round Sides
- Taper in Thickness and Width to Point
- Half Round Shape
- Made in Much Finer Cuts, Which Vary From No. 00 (Coarsest) to No. 4 (Finest)

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
36521N	037103242006	Boxed	6 in	0	0.10 lb	12
36527N	037103242013	Boxed	6 in	1	0.10 lb	12
36533N	037103242020	Boxed	6 in	2	0.10 lb	12
36539N	037103242037	Boxed	6 in	3	0.10 lb	12
36545N	037103242044	Boxed	6 in	4	0.10 lb	12
36557N	037103242051	Boxed	8 in	00	0.20 lb	12
36563N	037103242068	Boxed	8 in	0	0.20 lb	12
36569N	037103242075	Boxed	8 in	1	0.20 lb	12

## Needle Files Round Handle



- Hot Die - Barrette Shape Only
- Same as Regular Round Handle Needle Barrette Except with Thinner Points

Cat. No.	UPC No.	Packaging	Length	File Cut	Style	Product Weight	Shelf Pack Qty.
37752	037103377524	Boxed	5-1/2 in	0	Barrette	0.01 lb	12
38115	037103381156	Boxed	6-1/4 in	0	Barrette	0.02 lb	12

## Needle Files



- Made to More Exacting Measurements Than American Pattern Files
- Used Primarily By Jewelers, Die Makers, Watchmakers and Fine Toolmakers
- Knurled Handles

Cat. No.	UPC No.	Packaging	Length	File Cut	Style	Product Weight	Shelf Pack Qty.
37277	037103372772	Boxed	4 in	0	Barrette	0.01 lb	12
37640	037103376404	Boxed	5-1/2 in	0	Barrette	0.01 lb	12
38003	037103380036	Boxed	6-1/4 in	0	Barrette	0.02 lb	12
37647	037103376473	Boxed	5-1/2 in	2	Barrette	0.01 lb	12
38010	037103380104	Boxed	6-1/4 in	2	Barrette	0.02 lb	12

## Needle Files Continued

Cat. No.	UPC No.	Packaging	Length	File Cut	Style	Product Weight	Shelf Pack Qty.
37500	037103375001	Boxed	5-1/2 in	0	Crossing	0.01 lb	12
37863	037103378637	Boxed	6-1/4 in	0	Crossing	0.02 lb	12
37870	037103378705	Boxed	6-1/4 in	2	Crossing	0.03 lb	12
37249	037103372499	Boxed	4 in	0	Equaling	0.01 lb	12
37612	037103376121	Boxed	5-1/2 in	0	Equaling	0.01 lb	12
37975	037103379757	Boxed	6-1/4 in	0	Equaling	0.02 lb	12
37256	037103372567	Boxed	4 in	2	Equaling	0.01 lb	12
37619	037103376190	Boxed	5-1/2 in	2	Equaling	0.01 lb	12
37982	037103379825	Boxed	6-1/4 in	2	Equaling	0.02 lb	12
37626	037103376268	Boxed	5-1/2 in	4	Equaling	0.01 lb	12
37989	037103379894	Boxed	6-1/4 in	4	Equaling	0.02 lb	12
37996	037103379962	Boxed	6-1/4 in	6	Equaling	0.02 lb	12
37109	037103371096	Boxed	4 in	0	Flat	0.02 lb	12
37472	037103374721	Boxed	5-1/2 in	0	Flat	0.01 lb	12
37835	037103378354	Boxed	6-1/4 in	0	Flat	0.02 lb	12
37116	037103371164	Boxed	4 in	2	Flat	0.02 lb	12
37479	037103374790	Boxed	5-1/2 in	2	Flat	0.01 lb	12
37842	037103378422	Boxed	6-1/4 in	2	Flat	0.02 lb	12
37486	037103374868	Boxed	5-1/2 in	4	Flat	0.01 lb	12
37849	037103378491	Boxed	6-1/4 in	4	Flat	0.02 lb	12
37081	037103370815	Boxed	4 in	0	Half Round	0.10 lb	12
37444	037103374448	Boxed	5-1/2 in	0	Half Round	0.01 lb	12
37807	037103378071	Boxed	6-1/4 in	0	Half Round	0.02 lb	12
37088	037103370884	Boxed	4 in	2	Half Round	0.02 lb	12
37451	037103374516	Boxed	5-1/2 in	2	Half Round	0.02 lb	12
37814	037103378149	Boxed	6-1/4 in	2	Half Round	0.02 lb	12
37458	037103374585	Boxed	5-1/2 in	4	Half Round	0.01 lb	12
37821	037103378217	Boxed	6-1/4 in	4	Half Round	0.02 lb	12
37828	037103378286	Boxed	6-1/4 in	6	Half Round	0.02 lb	12
37165	037103371652	Boxed	4 in	0	Knife	0.01 lb	12
37891	037103378910	Boxed	6-1/4 in	0	Knife	0.02 lb	12
37172	037103371720	Boxed	4 in	2	Knife	0.01 lb	12
37898	037103378989	Boxed	6-1/4 in	2	Knife	0.02 lb	12
37053	037103370532	Boxed	4 in	0	Round	0.02 lb	12
37416	037103374165	Boxed	5-1/2 in	0	Round	0.01 lb	12
37779	037103377791	Boxed	6-1/4 in	0	Round	0.01 lb	12
37060	037103370600	Boxed	4 in	2	Round	0.02 lb	12
37423	037103374233	Boxed	5-1/2 in	2	Round	0.01 lb	12
37786	037103377869	Boxed	6-1/4 in	2	Round	0.02 lb	12
37430	037103374301	Boxed	5-1/2 in	4	Round	0.01 lb	12
37793	037103377937	Boxed	6-1/4 in	4	Round	0.02 lb	12
37800	037103378002	Boxed	6-1/4 in	6	Round	0.02 lb	12
38059	037103380593	Boxed	6-1/4 in	0	Slitting	0.02 lb	12
37703	037103377036	Boxed	5-1/2 in	2	Slitting	0.02 lb	12
37193	037103371935	Boxed	4 in	0	Square	0.01 lb	12

Needle Files Continued

Cat. No.	UPC No.	Packaging	Length	File Cut	Style	Product Weight	Shelf Pack Qty.
37556	037103375568	Boxed	5-1/2 in	0	Square	0.01 lb	12
37919	037103379191	Boxed	6-1/4 in	0	Square	0.02 lb	12
37200	037103372000	Boxed	4 in	2	Square	0.01 lb	12
37563	037103375636	Boxed	5-1/2 in	2	Square	0.01 lb	12
37926	037103379269	Boxed	6-1/4 in	2	Square	0.02 lb	12
37221	037103372215	Boxed	4 in	0	Three Square	0.01 lb	12
37584	037103375841	Boxed	5-1/2 in	0	Three Square	0.01 lb	12
37947	037103379474	Boxed	6-1/4 in	0	Three Square	0.02 lb	12
37228	037103372284	Boxed	4 in	2	Three Square	0.01 lb	12
37591	037103375919	Boxed	5-1/2 in	2	Three Square	0.01 lb	12
37954	037103379542	Boxed	6-1/4 in	2	Three Square	0.02 lb	12
37598	037103375988	Boxed	5-1/2 in	4	Three Square	0.02 lb	12
37961	037103379610	Boxed	6-1/4 in	4	Three Square	0.02 lb	12

Pillar Files



- Made to More Exacting Measurements Than American Pattern Files
- Rectangular in Shape
- Double Cut on 2 Sides Only
- Safe Edges
- Tapered in Thickness
- Similar in Shape to Hand Files But Only 2/3 As Wide

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
39855N	037103242082	Boxed	4 in	00	0.04 lb	12
39861N	037103242099	Boxed	4 in	0	0.04 lb	12
39873N	037103242105	Boxed	4 in	2	0.04 lb	12
39881N	037103242112	Boxed	4 in	4	0.04 lb	12
39893N	037103242129	Boxed	6 in	00	0.10 lb	12
39899N	037103242136	Boxed	6 in	0	0.10 lb	12
39905N	037103242143	Boxed	6 in	1	0.10 lb	12
39911N	037103242150	Boxed	6 in	2	0.10 lb	12
39923N	037103242167	Boxed	6 in	4	0.10 lb	12
39929N	037103242174	Boxed	6 in	00	0.23 lb	12
39935N	037103242181	Boxed	8 in	0	0.23 lb	12
39947N	037103242198	Boxed	8 in	2	0.23 lb	12
39965N	037103242204	Boxed	10 in	00	0.45 lb	6
39971N	037103242211	Boxed	10 in	0	0.45 lb	6
39992N	037103242228	Boxed	12 in	00	0.74 lb	6

## Pillar Narrow Files



- Made to More Exacting Measurements Than American Pattern Files
- Rectangular Shape
- Narrow
- Double Cut on 2 Sides Only
- Safe Edges
- Similar to Pillar Files But Are Narrower for Their Length

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
40076N	037103242235	Boxed	6 in	0	0.08 lb	12
40082N	037103242242	Boxed	6 in	1	0.08 lb	12
40088N	037103242259	Boxed	6 in	2	0.08 lb	12

## Pillar Extra Narrow Files



- Made to More Exacting Measurements Than American Pattern Files
- Cut on 2 Sides Only
- Safe Edges
- Similar to Pillar and Pillar Narrow Files But Are Narrower in Length

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
40222N	037103242266	Boxed	4 in	2	0.02 lb	12
40242N	037103242273	Boxed	6 in	00	0.05 lb	12
40248N	037103242280	Boxed	6 in	0	0.05 lb	12
40254N	037103242297	Boxed	6 in	1	0.05 lb	12
40260N	037103242303	Boxed	6 in	2	0.05 lb	12
40281N	037103242310	Boxed	8 in	00	0.11 lb	12
40287N	037103242327	Boxed	8 in	0	0.11 lb	12

## Pippin Files



- XF® Files, Swiss Pattern Pippin File, Cut No. 2
- Made to More Exacting Measurements Than American Pattern Files
- Rounded Back Tapers to Sharp Edge
- Also Taper to Point in Both Width and Thickness
- Sometimes Called "Apple Seed" Files

Cat. No.	UPC No.	Packaging	Length	File Cut	Shape	Product Weight	Shelf Pack Qty.
40506	037103405067	Boxed	6 in	2	Apple Seed	0.08 lb	12

## Round Files



- Made to More Exacting Measurements Than American Pattern Files
- Double Cut
- Round Shape
- Taper Throughout Length to Fine Point

Cat. No.	UPC No.	Packaging	Length	Diameter	File Cut	Product Weight	Shelf Pack Qty.
40580N	037103242334	Boxed	4 in	1/8 in	0	0.01 lb	12
40645N	037103242341	Boxed	6 in	3/16 in	00	0.04 lb	12
40651N	037103242358	Boxed	6 in	3/16 in	0	0.04 lb	12
40663N	037103242365	Boxed	6 in	3/16 in	2	0.04 lb	12
40687N	037103242372	Boxed	8 in	1/4 in	00	0.08 lb	12
40699N	037103242389	Boxed	8 in	1/4 in	1	0.08 lb	12
40705N	037103242396	Boxed	8 in	1/4 in	2	0.08 lb	12
40717N	037103242402	Boxed	8 in	1/4 in	4	0.08 lb	12

## 7-1/2" (190mm) Silversmith's Rifflers



- Made to More Exacting Measurements Than American Pattern Files
- Ideal for Fine Work
- Made in Approximately 7-1/8" (180mm) Lengths Only

Cat. No.	UPC No.	Packaging	Length	File Cut	Shape	Product Weight	Shelf Pack Qty.
41018	037103410184	Boxed	7-1/2 in	2	3	0.07 lb	12
41096	037103410962	Boxed	7-1/2 in	0	10	0.05 lb	12
41102	037103411020	Boxed	7-1/2 in	2	10	0.06 lb	12

## Warding Files



- Made to More Exacting Measurements Than American Pattern Files
- Taper Slightly to Point in Width
- Used By Locksmiths and Anywhere A Thin File is Required

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
41588NN	037103243645	Boxed	4 in	2	0.03 lb	12
41612N	037103243652	Boxed	6 in	0	0.10 lb	12
41618N	037103243669	Boxed	6 in	2	0.10 lb	12
41636N	037103243676	Boxed	8 in	0	0.15 lb	12

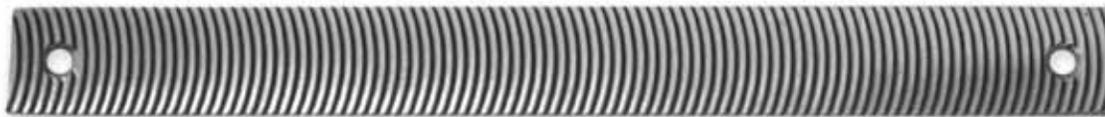
## Flexible Files (Without Tang)



- Curved Tooth Pattern, Flexible Files (Without Tang)
- For Smooth, Rapid Work on Cast Iron, Bronze, Lead, Babbitt, Aluminum
- Also for Zinc, Plastics
- Any Steel Up to the Hardness of Annealed Tool Steel
- Rectangular Shape
- Curved Cut
- Pitch and Rake Designed to Avoid Pinning and to Provide Smoothest Finish

Cat. No.	UPC No.	Packaging	Length	Teeth per inch	File Cut	Product Weight	Shelf Pack Qty.
20138N	037103219299	Boxed	12 in	10	Standard	0.50 lb	6
20205N	037103219312	Boxed	14 in	12	Fine	0.75 lb	6

## Milled Tooth Bodifiles



- Curved Tooth Pattern, Flexible Milled Tooth Bodifile, Without Tang
- For Smooth, Rapid Work on Cast Iron, Bronze, Lead, Babbitt, Aluminum
- Also for Zinc, Plastics
- Any Steel Up to the Hardness of Annealed Tool Steel
- Rectangular Shape
- Curved Cut
- Pitch and Rake Designed to Avoid Pinning and to Provide Smoothest Finish
- No. Teeth Per Inch: 8; Cut: 50-908 Standard

Cat. No.	UPC No.	Packaging	Length	Teeth per inch	File Cut	Product Weight	Shelf Pack Qty.
20189N	037103219404	Boxed	14 in	8	50-908 Standard	0.75 lb	6

## Flat Files - Rigid Type (With Tang)



- Curved Tooth Pattern, Flexible Rigid Type Flat Files (With Tang)
- For Smooth, Rapid Work on Cast Iron, Bronze, Lead, Babbitt, Aluminum
- Also for Zinc, Plastics
- Any Steel Up to the Hardness of Annealed Tool Steel
- Rectangular Shape
- Curved Cut, Rigid Type with Tang
- Pitch and Rake Designed to Avoid Pinning and to Provide Smoothest Finish
- No. Teeth Per Inch: 14; Cut: Standard

Cat. No.	UPC No.	Packaging	Length	Teeth per inch	File Cut	Product Weight	Shelf Pack Qty.
20239N	037103219411	Boxed	8 in	14	Curved Standard	0.25 lb	12
20291N	037103219343	Boxed	10 in	12	Curved Standard	0.50 lb	6
20342N	037103219367	Boxed	12 in	10	Curved Standard	0.80 lb	6
20393N	037103219428	Boxed	14 in	8	Curved Standard	1.20 lb	6

## Flat Babbit Files



- Curved Tooth Pattern, Flexible Flat Babbit Files
- For Smooth, Rapid Work on Cast Iron, Bronze, Lead, Babbitt, Aluminum
- Also for Zinc, Plastics
- Any Steel Up to the Hardness of Annealed Tool Steel
- Rectangular Shape
- Curved Cut
- Exactly Like Flat Files in Shape, Dimension and Weight
- But Fewer Teeth Per Inch
- Pitch and Rake Designed to Avoid Pinning and to Provide Smoothest Finish

Cat. No.	UPC No.	Packaging	Length	Teeth per inch	File Cut	Product Weight	Shelf Pack Qty.
20479N	037103219381	Boxed	12 in	8	Curved	0.82 lb	6
20496N	037103219435	Boxed	14 in	7	Curved	1.20 lb	6

## Flat Utility Files



- Curved Tooth Pattern, Flexible Flat Utility Files
- For Smooth, Rapid Work on Cast Iron, Bronze, Lead, Babbitt, Aluminum
- Also for Zinc, Plastics
- Any Steel Up to the Hardness of Commercial Tool Steel
- Rectangular Shape
- Standard-Cut Teeth on 1 Side, Smooth-Cut Teeth on the Opposite
- Pitch and Rake Designed to Avoid Pinning and to Provide Smoothest Finish
- No. Teeth Per Inch: 10 and 16

Cat. No.	UPC No.	Packaging	Length	Teeth per inch	File Cut	Product Weight	Shelf Pack Qty.
20547N	037103219374	Boxed	12 in	10 and 16	Standard/Smooth	0.80 lb	6

## Half Round Files



- Curved Tooth Pattern, Flexible Half Round Files
- For Smooth, Rapid Work on Cast Iron, Bronze, Lead, Babbitt, Aluminum
- Also for Zinc, Plastics
- Any Steel Up to the Hardness of Commercial Tool Steel
- Half Round Shape
- Flat on 1 Side, Convex on Opposite
- Particularly Adapted for Bearings and Concave Surfaces
- No. Teeth Per Inch: 14; Cut: Standard

Cat. No.	UPC No.	Packaging	Length	Teeth per inch	File Cut	Product Weight	Shelf Pack Qty.
20582N	037103218599	Boxed	8 in	14	Standard	0.30 lb	12

## Super Shear



- Curved Tooth Pattern, Super Shear Files
- A Double Purpose Milled Curved Tooth File
- Different and Exclusive with Nicholson®
- Rectangular Shape, Curved Cut
- Teeth Cut in An Off Center Arc to Permit Fast Cutting
- Wide Industrial Usage on Flat and Convex Surfaces
- Such As Aluminum, Brass, Babbitt, Bronze, Copper, Magnesium
- Iron, Annealed Steel, Soft Metal Alloys, Plastics, Hard Rubber, Hardwood
- Smooths As It Roughs

Cat. No.	UPC No.	Packaging	Length	Teeth per inch	File Cut	Product Weight	Shelf Pack Qty.
21016N	037103219336	Boxed	8 in	14	Curved	0.40 lb	12
21067N	037103219350	Boxed	10 in	12	Curved	0.45 lb	6
21118N	037103219398	Boxed	12 in	10	Curved	0.75 lb	6
21169N	037103219442	Boxed	14 in	8	Curved	1.30 lb	6

## Thread Restoring Files



- Used to Restore Damaged or Worn External Threads on Bolts, Pipes, etc.

Cat. No.	UPC No.	Packaging	File Cut	Style	Tooth Type	Product Weight	Shelf Pack Qty.
33001	037103330017	Bagged	Regular Bolt	1	Thread Teeth	0.40 lb	16
33007	037103330079	Bagged	Ex Fine/Ex Coarse Bolt	2	Thread Teeth	0.40 lb	16
33016	037103330161	Bagged	Metric Bolt	8	Thread Teeth	0.35 lb	12

## Adjustable Flexible File Holder No. 25



- Can Be Used with Either 12" or 14" Files
- Easily Adjusted for Curving File Outward or Inward
- Adjustable Length

Cat. No.	UPC No.	Packaging	Product Weight
21272N	037103243409	Boxed	1.80 lb

## Machinist's Scrapers (Handled)



- Overall Length of These Tools Including Handle is Approximately 8"
- Three Square Shape is Supplied in Hollow Ground with 60° Angle
- Comes with Handle

Cat. No.	UPC No.	Packaging	Length	Product Weight	Shelf Pack Qty.
21667N	037103219770	Boxed	3-1/4 in	0.13 lb	6

## File Cleaners



- Available in Two Styles: File Card or File Card/Brush
- File Card/Brush is for use on Finer Cut Files
- File Card is for General Cleaning of File Teeth

Cat. No.	UPC No.	Packaging	Description	Length	Product Weight	Shelf Pack Qty.
21455	037103214553	Carded	8" File Cleaner	8 in	0.14 lb	6
21458	037103214584	Boxed	10" File and Rasp Cleaner	10 in	0.30 lb	10
21467	037103214676	Boxed	10" File Card and Brush	10 in	0.30 lb	6

## Hoof Sharpening Steel



- Specifically Designed to Sharpen Hoof Knives
- Sharpening Steel is Designed Specifically to Hone the Edge of Hoof Knives and Similar Tools

Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
10627N	037103243935	Carded	0.20 lb	6

## Ergonomic File Handle



- Interchangeable Cushion Inserts Designed to Fit Most Popular Files
- Rubber-Coated Ergonomic Shape for Better Comfort and Control
- Rear Taper, Wide Middle and Flared Neck Increases Push Force

Cat. No.	UPC No.	Packaging	Length	Handle No.	Product Weight	Shelf Pack Qty.
21474H	037103186232	Carded	4-1/2 in	Ergonomic	0.15 lb	6

## Screw-on Handle - Plastic



- Screw-On Design Fits Most Popular Files
- For Professional or Home Handymen
- Handle Made of Strong High-Impact Material
- Contoured to Fit Hand for Straight, Lathe and Draw Filing
- Non-Slip Textured Finish for Easier Grip

Cat. No.	UPC No.	Packaging	Length	Handle No.	Product Weight	Shelf Pack Qty.
21484	037103214843	Carded	3-1/2 in	PH1	0.10 lb	12
21493	037103214935	Carded	3-3/4 in	PH2	0.10 lb	12
21502	037103215024	Carded	3-3/4 in	PH3	0.10 lb	12
21512	037103215123	Carded	4-1/8 in	PH4	0.15 lb	12
21513	037103215130	Carded	4-1/8 in	PH5	0.13 lb	12
21514	037103215147	Carded	4-3/4 in	PH6	0.20 lb	12
21515	037103215154	Carded	5 in	PH7	0.20 lb	12
21516	037103215161	Carded	5 in	PH8	0.20 lb	12

### SELECTION CHART

File Type	Size							
	4"	5"	6"	8"	10"	12"	14"	16"
Mill	PH3	-	PH4	PH5	PH5	PH6	PH7	PH8
Flat	PH3	-	PH4	PH5	PH5	PH6	PH7	PH8
Hand	PH3	-	PH4	PH5	PH6	PH7	PH8	
Half Round	PH3	-	PH4	PH5	PH6	PH7	PH8	PH8
Warding	PH3	-	PH4	PH4	PH5	-	-	-
Knife	PH3	-	PH4	PH5	PH5	PH6	-	-
Round	PH1	PH2	PH3	PH4	PH4	PH5	PH7	PH7

File Type	Size							
	4"	5"	6"	8"	10"	12"	14"	16"
Square	PH1	PH2	PH3	PH4	PH4	PH5	PH6	-
Triangular	PH1	PH2	PH3	PH4	PH5	PH6	PH7	-
Cantsaw	-	-	PH4	PH5	PH6	-	-	-
Tanged Horse	-	-	-	-	-	PH8	PH8	-
Platers Special	-	-	-	-	-	-	PH8	-

## Metal Ferruled Wooden Handles



- Made From Close Grain Hardwood with Wax Finish
- Handles Have Strong Nickel-Plated Metal Ferrules

Cat. No.	UPC No.	Packaging	Length	Handle No.	Product Weight	Shelf Pack Qty.
21470N	037103221346	Boxed	5-3/4 in	000	0.20 lb	12
21471N	037103221247	Boxed	5-3/4 in	00	0.19 lb	12
21476N	037103221254	Boxed	5-1/4 in	0	0.10 lb	12
21485N	037103221261	Boxed	4-7/8 in	1	0.11 lb	12
21494N	037103221278	Boxed	4-1/2 in	2	0.10 lb	12
21503N	037103221285	Boxed	4-1/8 in	3	0.08 lb	12
21511N	037103221292	Boxed	3-3/4 in	4	0.05 lb	12
21520N	037103221308	Carded	3-3/4 in	4	0.10 lb	6
21522N	037103221315	Carded	4-1/8 in	3	0.09 lb	6
21524N	037103221322	Carded	4-1/2 in	2	0.12 lb	6

**Metal Ferruled Wooden Handles Continued**

Cat. No.	UPC No.	Packaging	Length	Handle No.	Product Weight	Shelf Pack Qty.
21526N	037103221339	Carded	4-7/8 in	1	0.30 lb	6
21528N	037103221537	Carded	4-1/4 in	0	0.20 lb	6
TG4N	037103227232	Boxed	5 in	RASP	0.15 lb	12

**SELECTION CHART**

File Type	Size									
	4"	5"	6"	7"	8"	9"	10"	12"	14"	
Taper	4	3	3	3	2	1	1	-	-	
Slim	4	4	4	4	3	-	2	-	-	
X Slim	4	4	4	4	4	-	-	-	-	
XX Slim	-	4	4	4	4	-	-	-	-	
Mill	3	-	2	-	1	-	0	0	00	
Flat	3	-	2	-	1	-	0	0	00	
Hand	3	-	2	-	1	-	1	0	-	
Half Round	3	-	2	-	1	-	0	00	000	
Warding	3	-	2	-	2	-	1	-	-	
Knife	3	-	2	-	1	-	1	0	-	

File Type	Size									
	4"	5"	6"	7"	8"	9"	10"	12"	14"	
Round	4	-	3	-	2	-	3	1	0	
Square	4	-	4	-	3	-	2	1	0	
Cantsaw	-	-	2	-	1	-	1	-	-	
Crosscut	-	-	-	-	1	-	0	-	-	
Tanged Horse	-	-	-	-	-	-	-	000	000	
Platers Special	-	-	-	-	-	-	-	-	000	

Item	Size:	8 x 3/16"	8 x 7/32"	8 x 1/4"	8 x 5/16"	8 x 3/8"
Chain saw		4	4	4	4	3

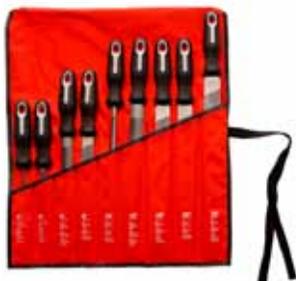
**Carded File Handle - Plastic**



- Interchangeable Cushion Inserts Designed to Fit Most Popular Files
- Handle Made of Strong High-Impact Material
- Contoured to Fit Hand for Straight, Lathe and Draw Filing
- Non-Slip Textured Finish for Easier Grip
- 4 Inserts

Cat. No.	UPC No.	Packaging	Length	Handle No.	Product Weight	Shelf Pack Qty.
21474	037103214744	Carded	4 in	#5	0.15 lb	6

**9 Pc. Ergonomic File Set**



- Rubber-Coated Ergonomic Handles for Better Comfort and Control

Cat. No.	UPC No.	Packaging	Product Weight
22030HNN	037103243881	Pouch	4.35 lb

Cat. No.	Description	Cat. No.	Description
21701HN	10" Mill Bastard Cut, Ergonomic Handle	21842HN	12" Mill Bastard Cut, Ergonomic Handle
21729HN	6" Slim Taper File, Ergonomic Handle	21868HN	10" Flat Bastard Cut, Ergonomic Handle
21745HN	8" Half Round Bastard Cut, Ergonomic Handle	-	6" xx Slim Taper File, Ergonomic Handle
21746HN	10" Half Round Bastard Cut, Ergonomic Handle	-	10" Round Bastard File, Ergonomic Handle
21748HN	8" Flat Bastard Cut, Ergonomic Handle		

### 5 Pc. Ergonomic File Set



- Rubber-Coated Ergonomic Handles for Better Comfort and Control
- General Purpose Selection for Home and Professional Use
- Set of 5 Files Fits Easily and Securely Into Rugged, Compact Pouch

Cat. No.	UPC No.	Packaging	Product Weight
22040HNN	037103243904	Pouch	2.20 lb

Cat. No.	Description	Cat. No.	Description
21694HN	8" Mill Bastard Cut, Ergonomic Handle	21746HN	10" Half Round Bastard Cut, Ergonomic Handle
21701HN	10" Mill Bastard Cut, Ergonomic Handle	21748HN	8" Flat Bastard Cut, Ergonomic Handle
21729HN	6" Slim Taper File, Ergonomic Handle		

### 8" Ergonomic File Set



- Rubber-Coated Ergonomic Handles for Better Comfort and Control
- Basic Selection for Home and Professional Use

Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
22018HN	037103244901	Pouch	1.05 lb	3

Cat. No.	Description	Cat. No.	Description
21694HN	8" Mill Bastard Cut, Ergonomic Handle	-	8" Round Bastard Cut, Ergonomic Handle
21745HN	8" Half Round Bastard Cut, Ergonomic Handle		

### 3 Pc. 6" Ergonomic File Set



- Rubber-Coated Ergonomic Handles for Better Comfort and Control
- Basic Selection for Home and Professional Use

Cat. No.	UPC No.	Packaging	Product Weight
22015HNN	037103243829	Pouch	0.70 lb

Cat. No.	Description	Cat. No.	Description
04798HN	6" Half Round Bastard Cut, Ergonomic Handle	-	6" Round Bastard Cut, Ergonomic Handle
21687HN	6" Mill Bastard Cut, Ergonomic Handle		

## 9 Pc. Maintenance File Set



■ For Home and Professional Use

Cat. No.	UPC No.	Packaging	Product Weight
22030NN	037103243898	Pouch	3.45 lb

Cat. No.	Description	Cat. No.	Description
03632N	8" Flat Smooth Cut	08642N	10" Mill Bastard Cut
03665N	10" Flat Bastard Cut	12019	10" Round Bastard Cut
03731N	10" Flat Smooth Cut	14224M	6" Slim Taper File
04896N	8" Half Round Bastard Cut	18924N	8" 4-in-Hand® Rasp and File
04995N	10" Half Round Bastard Cut		

## 8 Pc. Machinist File Set



- Includes a File Cleaner Card
- Features a Rugged, Compact Pouch

Cat. No.	UPC No.	Packaging	Product Weight
22025NN	037103243874	Pouch	3.35 lb

Cat. No.	Description	Cat. No.	Description
03665N	10" Flat Bastard Cut	12019	10" Round Bastard Cut
03731N	10" Flat Smooth Cut	13196	10" Square Bastard Cut
04995N	10" Half Round Bastard Cut	14255M	7" Slim Taper File
08642N	10" Mill Bastard Cut	21458	10" File and Rasp Cleaner

## 7 Pc. Machinist File Set



■ General Purpose File Kit for Machine Shop

Cat. No.	UPC No.	Packaging	Product Weight
22024NN	037103243867	Pouch	2.50 lb

Cat. No.	Description	Cat. No.	Description
03665N	10" Flat Bastard Cut	12019	10" Round Bastard Cut
03731N	10" Flat Smooth Cut	13196	10" Square Bastard Cut
04995N	10" Half Round Bastard Cut	14255M	7" Slim Taper File
08642N	10" Mill Bastard Cut		

### 6 Pc. 4"/100mm American Pattern File Assortment



- 4" Warding, Half-Round, Round, Hand, Square and Slim Taper Files
- All Files Come with Handles
- Kit Comes in Bastard-Cut Only
- Six of the Most Popular 4" Files Packaged in An Attractive Plastic Pouch

Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
22062NN	037103243928	Pouch	0.40 lb	2

### 5 Pc. General Purpose Set



- General Purpose File Kit for Home and Professional Use
- Set of 5 Files Fits Easily and Securely Into Rugged, Compact Pouch

Cat. No.	UPC No.	Packaging	Product Weight
22040NN	037103243911	Pouch	1.80 lb

Cat. No.	Description	Cat. No.	Description
04995N	10" Half Round Bastard Cut	08642N	10" Mill Bastard Cut
08497N	8" Mill Bastard Cut	14224M	6" Slim Taper File
08560N	8" Mill Smooth Cut		

### 4 Pc. Thread Restoring File Set



- Used to Restore Damaged or Worn External Threads on Bolts, Pipes, Etc.
- Each Thread Restoring File Will Work with 8 Different Thread Sizes
- Convenient 4-Piece Set
- Color Caps on Tubes
- Type 1 Black Cap: Regular Bolt; 11, 12, 13, 14, 16, 18, 20, 24 Tpi
- Type 2 Red Cap: Ex. Fine/Ex. Coarse Bolt; 9, 10, 12, 16, 20, 27, 28, 32 Tpi
- Type 7 Green Cap: Regular Pipe; 8, 10, 11 1/2, 14, 16, 18, 24, 27 Tpi
- Type 8 Blue Cap: Metric Bolt; .80, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00 mm

Cat. No.	UPC No.	Packaging	Product Weight
33024	037103330246	Pouch	1.60 lb

Cat. No.	Description	Cat. No.	Description
33001	No. 1 Regular Bolt Thread Restoring File	-	No. 7 Regular Pipe Restoring File
33007	No. 2 Extra Fine/Extra Coarse Thread Restoring File	33016	No. 8 Metric Bolt Thread Restoring File

### 4 Pc. Handy Man's Home File Pack



■ For Home and Professional Use

Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
22017NN	037103243843	Pouch	0.82 lb	5

Cat. No.	Description	Cat. No.	Description
08497N	8" Mill Bastard Cut	14224M	6" Slim Taper File
11716N	6" Round Bastard Cut	18924N	8" 4-in-Hand® Rasp and File

### 3 Pc. File Pack



- For Home and Professional Use
- Pack Contains Files for Every Purpose
- 6"/150mm Slim Taper File
- 6"/150mm Round File
- 6"/150mm Mill Bastard File
- Plastic Pouch Lists Suggested Uses for Each File
- Pack Measures 3-1/2"/88mm X 9-1/2"/237mm with Hang Up Hole

Cat. No.	UPC No.	Packaging	Product Weight	Shelf Pack Qty.
22015NN	037103243836	Pouch	0.28 lb	5

Cat. No.	Description	Cat. No.	Description
08354N	6" Mill Bastard Cut	14224M	6" Slim Taper File
11716N	6" Round Bastard Cut		

### 6 Pc. Hobby File Set



- Selection of 6 Miniature Files with Fine Cut for Intricate Work
- 1 Each of Equaling, Half Round, Flat, Round, Three Square, Square Files
- Handy Vinyl Case Vacuum Packed on Hang Up Card
- Ideal for Handycrafts and Hobbies

Cat. No.	UPC No.	Packaging	Length	Product Weight	Shelf Pack Qty.
42030	037103420305	Pouch	5-1/2 in	0.10 lb	6

## X.F.® Swiss Pattern Needle File Assortment Sets



- Made to More Exacting Measurements Than American Pattern Files
- Used Primarily By Jewelers, Die Makers, Watchmakers and Fine Toolmakers
- Knurled Handles
- Assortments of 12 File Shapes, Based on Length and Cut
- Assortments also Include Joint and Marking Files

Cat. No.	UPC No.	Packaging	Length	File Cut	Product Weight	Shelf Pack Qty.
37029	037103370297	Pouch	4 in	0	0.10 lb	10
37035	037103370358	Pouch	4 in	2	0.13 lb	10
37392	037103373922	Pouch	5-1/2 in	0	0.20 lb	10
37398	037103373984	Pouch	5-1/2 in	2	0.20 lb	10
37404	037103374042	Pouch	5-1/2 in	4	0.20 lb	10
37755	037103377555	Pouch	6-1/4 in	0	0.25 lb	10
37761	037103377616	Pouch	6-1/4 in	2	0.25 lb	10
37767	037103377678	Pouch	6-1/4 in	4	0.25 lb	10

### 4-in-1 Pro Series Hacksaw Frame



- Standard 90 degree for general use
- 45 degree angle for flush cuts
- Low profile position for tight spaces
- Jab saw configuration for a variety of inside cuts
- High tension for tightening the blade up to 30,000 psi
- Cushion grip handle for better control and comfort
- Magnetic blade storage inside frame

Cat. No.	UPC No.	Packaging	Type of Frame	Blade Length	Product Weight
80975	037103809759	Carded	4-In-1 Pro Series Hacksaw Frame	12 in	2.50 lb

### Cushion Grip Hacksaw Frame



- Rugged, lightweight frame built for professional tool users
- High tension reading, increased blade beam strength
- Uses high tensile strength Nicholson® Bi-Metalloy® hand hacksaw blades
- Screw-operated lever for tensioning the blade up to 30,000 PSI
- Blade can be positioned for 45° or 90° cutting
- Spare blades can be stored inside frame
- End of frame can be used as a jab saw

Cat. No.	UPC No.	Packaging	Type of Frame	Blade Length	Product Weight
80965	037103809650	Carded	Cushion Grip High Tension	12 in	2.40 lb

### High Tension Hacksaw Frame



- Quick changing blades
- Adjustable crank handle for tension up to 30,000 PSI torque
- Spare blades can be stored inside frame
- Blade can be positioned for 45° or 90° cutting
- End of frame can be used as a jab saw

Cat. No.	UPC No.	Packaging	Type of Frame	Blade Length	Product Weight
80956	037103809568	Carded	High Tension Adjustable	12 in	1.80 lb

### Heavy Duty Hacksaw Frame- Nicholson



- High impact, contoured handle
- Adjust from 10" to 12"
- 45° blade adjustment



Cat. No.	UPC No.	Packaging	Type of Frame	Blade Length	Product Weight
80952	037103809520	Carded	Adjustable	10 in, 12 in	1.80 lb

### General Purpose Hacksaw Frame



- Instantly adjustable for 10"/250mm to 12"/300mm blades
- Adjusts 90° for vertical or horizontal cuts

Cat. No.	UPC No.	Packaging	Type of Frame	Blade Length	Product Weight
80951	037103809513	Carded	Adjustable	10 in, 12 in	1.10 lb

### Economy Hacksaw Frame



- Adjustable from 10"/250mm to 12"/300mm
- Cuts to 2.75"/70mm in depth
- For DIY and home use

Cat. No.	UPC No.	Packaging	Type of Frame	Blade Length	Product Weight
80950	037103809506	Carded	Adjustable	10 in, 12 in	0.70 lb

### Little-Nic® Utility Hacksaw



- For professionals and homeowners
- Gets into small places, makes difficult cutting jobs easy
- Overall length 10
- Uses any standard size hacksaw blade
- Comes complete with high quality Nicholson® SS1024 hacksaw blade
- Blister packed on attractive cards with suggested uses on back

Cat. No.	UPC No.	Packaging	Blade Length	Product Weight
80968	037103809681	Carded	10 in	0.30 lb

### Jab Saw with Sheath



- Aggressive tooth design
- Cuts on the push and pull stroke
- Sharpened tip makes cutting drywall easier
- Non-slip, comfort grip handle
- Includes ballistic nylon sheath for safe storage
- Great for projects such as drywall, cement board, wood or plastic

Cat. No.	UPC No.	Packaging	Blade Length	Product Weight
NS500	037103212269	Carded	6.5 in	0.62 lb

## Jab Saw



- Special saw always needed for the difficult jobs
- Designed for those hard-to-reach areas
- Jab saw will work with any standard size hacksaw blade
- Can replace worn blade easily
- Untighten adjusting saw, remove worn blade and replace
- Replace with a new Nicholson® blade, re-tighten the adjusting screw

Cat. No.	UPC No.	Packaging	Blade Length	Product Weight
80969	037103809698	Carded	10 in	0.30 lb

## Bi-Metaloy® Hand Hacksaw Blades



- Molybdenum alloy tool steel edge
- Tough flexible high carbon steel backing
- Lasts twice as long as high-speed steel
- Lasts up to ten times longer than carbon steel
- Operates 20% to 50% faster
- High tooth hardness and shock resistance
- 2 Blades per card - 10 cards per bag - 40 bags per carton

Cat. No.	UPC No.	Packaging	Set Type	Length	TPI/PPI	Width	Gauge	Product Weight
62635	037103626356	Boxed	Wavy	10 in	18	0.50 in	0.025 in	0.04 lb
62659	037103626592	Boxed	Wavy	10 in	24	0.50 in	0.025 in	0.04 lb
62706	037103627063	Boxed	Raker	12 in	14	0.50 in	0.025 in	0.04 lb
62723	037103627230	Boxed	Wavy	12 in	18	0.50 in	0.025 in	0.04 lb
62749	037103627490	Boxed	Wavy	12 in	24	0.50 in	0.025 in	0.02 lb
62776	037103627766	Boxed	Wavy	12 in	32	0.50 in	0.025 in	0.04 lb
62811	037103628114	Carded	Wavy	10 in	18	0.50 in	0.025 in	0.08 lb
62826	037103628268	Carded	Wavy	12 in	18	0.50 in	0.025 in	0.11 lb
62830	037103628305	Carded	Wavy	10 in	24	0.50 in	0.025 in	0.10 lb
62832	037103628329	Carded	Wavy	12 in	24	0.50 in	0.025 in	0.10 lb
62835L	037103188069	Carded	Wavy	12 in	24	0.50 in	0.025 in	0.45 lb
62836L	037103188076	Carded	Wavy	12 in	18	0.50 in	0.025 in	0.43 lb
62838*	037103628381	Carded	Wavy	12 in	18/24/32	0.50 in	0.025 in	0.30 lb
62839	037103628398	Carded	Wavy	12 in	32	0.50 in	0.025 in	0.11 lb

\* 6 blades per card

## Solid Flexible Carbon Steel Hacksaw Blades



- Solid high carbon steel
- Tempered to provide hard edge with flexible back
- Specially hardened to induce toughness
- Economy blade for sawing light to medium-hard materials
- A good balance of wear resistance, mechanical shock absorbing properties
- Virtually unbreakable
- 2 blades per card - 10 cards per bag - 40 bags per carton

Cat. No.	UPC No.	Packaging	Set Type	Length	TPI/PPI	Width	Gauge	Product Weight
63103	037103631039	Boxed	Wavy	10 in	18	0.50 in	0.025 in	0.04 lb
63112	037103631121	Boxed	Wavy	10 in	24	0.50 in	0.025 in	0.04 lb
63145	037103631459	Boxed	Wavy	12 in	18	0.50 in	0.025 in	0.04 lb
63158	037103631589	Boxed	Wavy	12 in	24	0.50 in	0.025 in	0.04 lb
63220	037103632203	Carded	Wavy	10 in	24	0.50 in	0.025 in	0.08 lb
63256	037103632562	Carded	Wavy	12 in	18	0.50 in	0.025 in	0.09 lb
63268	037103632685	Carded	Wavy	12 in	24	0.50 in	0.025 in	0.05 lb
63280	037103632807	Carded	Wavy	12 in	32	0.50 in	0.025 in	0.10 lb

## Predator Handsaws



- Ergonomic handle with rubber-coated grip for comfort and control
- Razor sharp diamond ground teeth for easier cuts
- Induction hardened Hard Point (H.P.) teeth never need resharpener
- Handle features 45/90 degree shape for marking angles

Cat. No.	UPC No.	Packaging	Length	Points Per Inch	Tooth Type	Product Weight
NSP1	037103172358	Carded	24 in	8	Standard Hard Point	1.17 lb
NSP2	037103172365	Carded	24 in	10	Standard Hard Point	1.17 lb
NSP5	037103172396	Carded	15 in	8	Aggressive Hard Point	0.82 lb

## Professional Handsaws



- Precision set teeth for smooth cuts
- Hardened and tempered polished steel blade
- Resharpener teeth for long life

Cat. No.	UPC No.	Packaging	Length	Points Per Inch	Tooth Type	Product Weight
NS1501	037103172310	Carded	24 in	8	Standard	1.25 lb
NS1502	037103172327	Carded	24 in	12	Standard	1.25 lb
NS1503	037103172334	Carded	20 in	8	Standard	1.00 lb
NS1504	037103172341	Carded	15 in	8	Standard	1.00 lb

## Quik-Cut Economy Handsaw



- Precision set teeth for smooth cuts
- Hardened and tempered polished steel blade
- Resharpener teeth for long life
- Handle features 40/90 degree shape for long life

Cat. No.	UPC No.	Packaging	Length	Points Per Inch	Tooth Type	Product Weight
NS503N	037103227126	Carded	15 in	8	Standard	0.95 lb

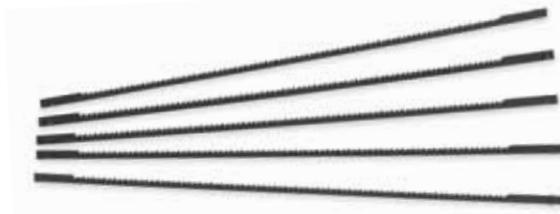
## 4-1/4" Coping Saw



- Popular with carpenters and home craftsman
- Throat opening permits cuts up to 4-1/4"
- Spring steel, rounded edge frame with polished finish
- Adjustable angle blade
- Straight type wood handle

Cat. No.	UPC No.	Packaging	Length	Points Per Inch	Blade Length	Blade Width	Product Weight
80170	037103801708	Carded	12-1/2 in	15	6-1/2 in, 165 mm	1/8 in, 3.17 mm	0.50 lb

## Coping Saw Blades



- 6-1/2"/165mm long
- 15 points, pin end
- Fits Nicholson® model No. 80170 and 80176 frames
- Blister packed
- 5 blades per card

Cat. No.	UPC No.	Packaging	Length	Points Per Inch	Blade Width	Product Weight
80182N	037103801821	Carded	6-1/2 in	15	1/8 in, 3.17 mm	0.03 lb

## Predator® Compass/Keyhole Saw



- Ergonomic handle with rubber-coated grip for comfort and control
- Razor sharp diamond ground teeth for easier cuts
- Induction hardened Hard Point (H.P.) teeth never need resharpening
- Blade tapered to a point for starting holes and cutting curves

Cat. No.	UPC No.	Packaging	Length	Points Per Inch	Tooth Type	Product Weight
NSP9	037103172426	Carded	12 in	8	Hard Point	0.40 lb

## BowHack® Combination Bowsaw and Hacksaw



- Flat ground
- For smooth cutting of paneling, plywood and laminates
- Made from finest alloy saw steel
- Stays sharper longer, resists rust
- Easily resharpened
- Cuts smoother with less friction

Cat. No.	UPC No.	Description	Packaging	Length	Product Weight	Shelf Pack Qty.
80777	037103807779	12" Bow Hack Combination, Hi-Viz Frame	Display	12 in	1.40 lb	-
80799	037103807991	12" Bow Hack Combination, Black Frame	Display	12 in	1.45 lb	-
80814	037103808141	12" Bow Saw Replacement Blade	Bulk with UPC	12 in	0.75 lb	10

### Curved Pruner



- General-purpose pruner for fast cutting of small limbs
- A favorite in citrus groves and vineyards
- Silver Steel® constructed blade with polished finish
- Easy-to-grip knife-type wood handle trimmed with aluminum screws
- Full cardboard sleeve protects the blade

Cat. No.	UPC No.	Packaging	Length	Reverse Rip Points Per Inch	Product Weight
80263	037103802637	Carded	14 in	6	0.50 lb

### Double Edge Pruner



- Lightweight, economy pruner
- Dual-purpose pruner
- Special steel constructed blade
- Fine teeth on one edge for light trimming
- Teeth on opposite edge for heavier limbs
- Wood handle
- Plastic sleeve for blade protection

Cat. No.	UPC No.	Packaging	Length	Points Per Inch	Product Weight
80269	037103802699	Carded	16 in	8 (fine edge)	0.80 lb

### Silver Flash Pruner



- Heavy-duty
- Preferred by utility crews and tree surgeons
- Silver Steel® constructed blade, flat ground
- Concave cutting edge has precision set and bevel filed teeth
- Teeth cut fast on the pull stroke
- Extra large teeth and gullets for speed cutting large limbs
- Wood handle
- Full cardboard sleeve protects blade

Cat. No.	UPC No.	Packaging	Length	Product Weight
80299	037103802996	Carded	26 in	1.50 lb

### Tuttle Tooth Pruner



- All-purpose saw for general pruning
- Special steel constructed blade
- Teeth designed for fast cutting of large limbs and firewood
- Wood handle
- Full cardboard sleeve protects blade

Cat. No.	UPC No.	Packaging	Length	Product Weight
80309	037103803092	Carded	24 in	1.80 lb