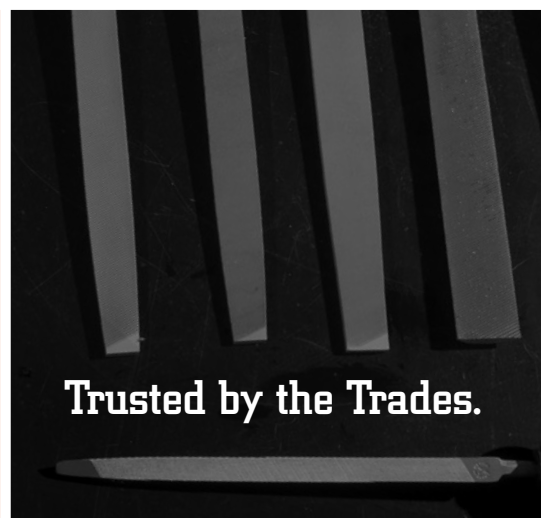




**CRESCENT  
NICHOLSON®**

**Files & Rasps Brochure**



**Trusted by the Trades.**



# FIVE LEGENDARY HAND TOOL NAMES NOW UNDER ONE ICONIC BRAND

As a part of the Apex Global Tool Group brand transition, beginning in 2018 the Crescent line will expand to include four other famous hand tool brands under the Crescent name.

These brands have built remarkable reputations on their own, and together,



will offer professional tradespeople over 2,600 quality tools they can count on to produce professional results, all under the Crescent banner.

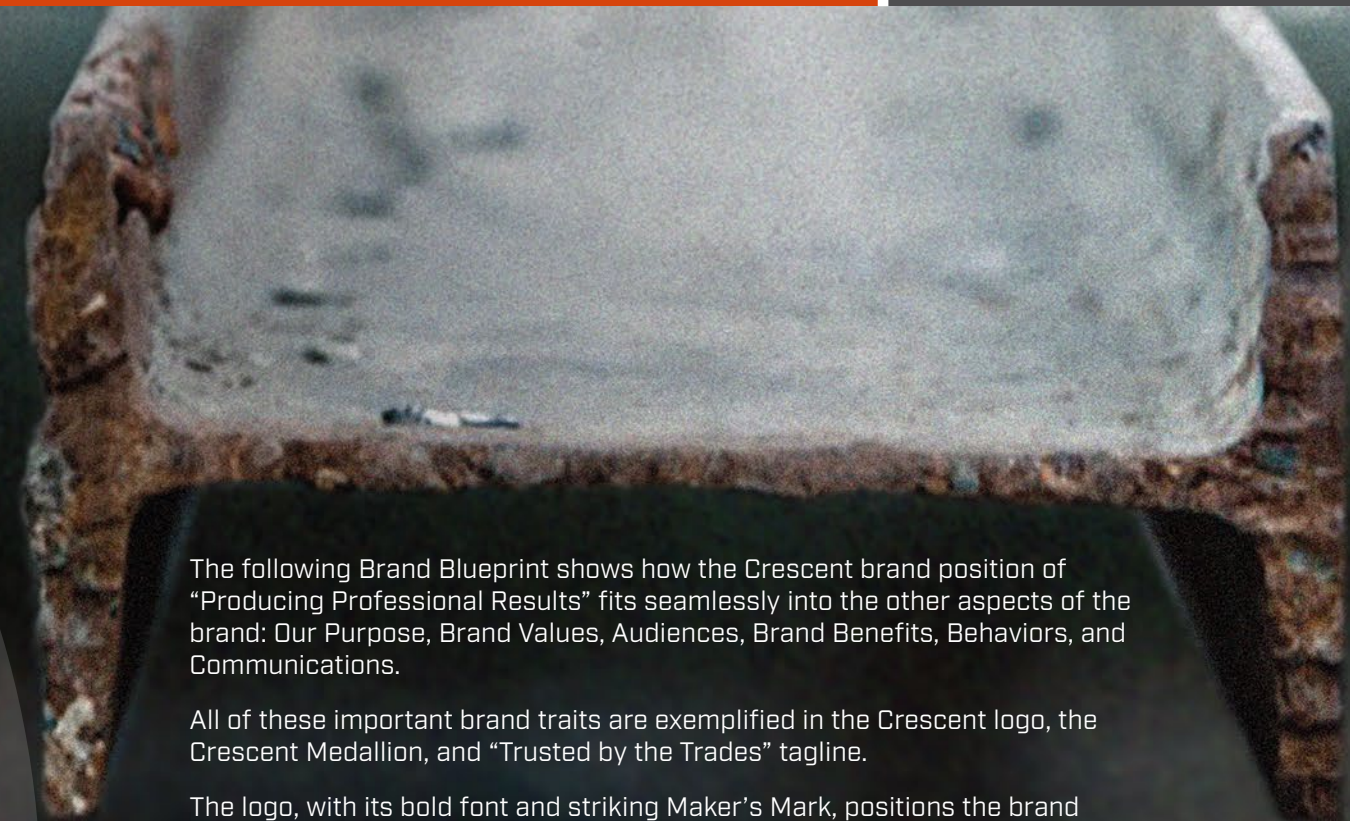
With over 150 years of collective tool making experience, Crescent and its supporting brands have proven to be “Trusted by the Trades”.

The new brand platform will allow Crescent and its supporting brands to reach a broader market of professional tradespeople through more consistent product design, packaging, and other forms of communication. A new generation of tradespeople is looking for tools that will help them produce professional results and a new, stronger Crescent will be there to answer that call.

Please note this is simply a brand identification change such as trade dress, packaging etc. The performance of the tools will not change. Same great tools you buy today. There will be no tool model number change. There will be no change to the current order system. There will be no disruption of service or performance in any way.

Over the course of the following months, you will begin to see the Crescent brand in the market in a more consistent and powerful way.

Stay tuned for more information as we go through this transition. If you have specific questions, please contact your sales associate.




The following Brand Blueprint shows how the Crescent brand position of “Producing Professional Results” fits seamlessly into the other aspects of the brand: Our Purpose, Brand Values, Audiences, Brand Benefits, Behaviors, and Communications.

All of these important brand traits are exemplified in the Crescent logo, the Crescent Medallion, and “Trusted by the Trades” tagline.

The logo, with its bold font and striking Maker’s Mark, positions the brand confidently and communicates strength.

The tagline, TRUSTED BY THE TRADES, works to communicate power, strength, quality, and heritage.

BRAND			OUR BEHAVIORS
<b>OUR PURPOSE</b> <b>What we offer:</b> Quality tools with proven innovation that enables the professional users <b>How we act:</b> Producing Professional Results <b>Why we exist:</b> We believe in solving user problems			<ul style="list-style-type: none"><li>• Enabling the professional</li><li>• Observant (We know the job site)</li><li>• Expert (We know the tools)</li><li>• Confident Leadership</li><li>• Mentoring</li></ul>
<b>OUR BRAND VALUES</b> Tough, Innovative, Straightforward, Proactive, Problem-Solving			
<b>AUDIENCES</b> Pro Construction, Trades, Industrial, MRQ, Aspirational DIY, Distributors 6 Retailers, Employees			
<b>OUR BRAND BENEFITS</b> <b>Rational</b> Innovation, Quality, Durability, Heritage, Experience, Performance <b>Emotional</b> Confidence, Sentimental, Trust, Satisfaction, Proven, Emotive			<b>COMMUNICATIONS</b> <ul style="list-style-type: none"><li>• Confident</li><li>• Authentic</li><li>• Energetic</li><li>• Professional</li><li>• Relevant</li><li>• Straight Talking</li></ul>
 <b>CRESCENT</b> <sup>®</sup> Trusted by the Trades.			

Below are examples showing different product shapes and different types of packaging for various Crescent Master Brand and Supporting Brand products.



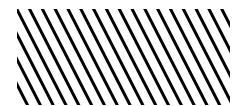
We will have a rolling change of packaging and trade dress in the coming months. So you can see the existing products in the market for some time.



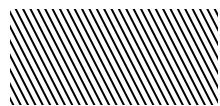
# FILE TERMINOLOGY

## COARSENESS

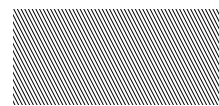
### AMERICAN PATTERN



Bastard Cut



Second Cut



Smooth Cut

### SWISS PATTERN



00



0



1



2



3



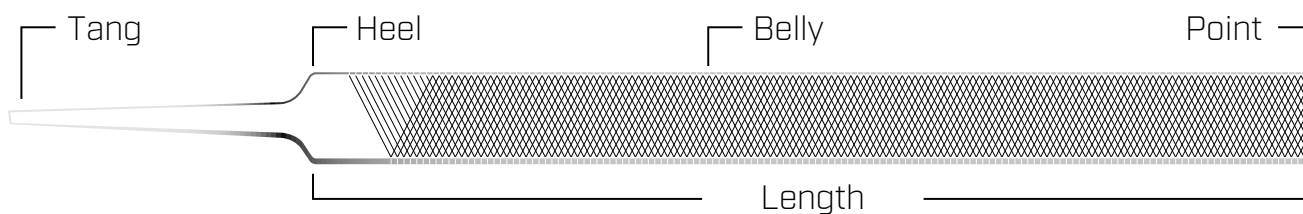
4



6

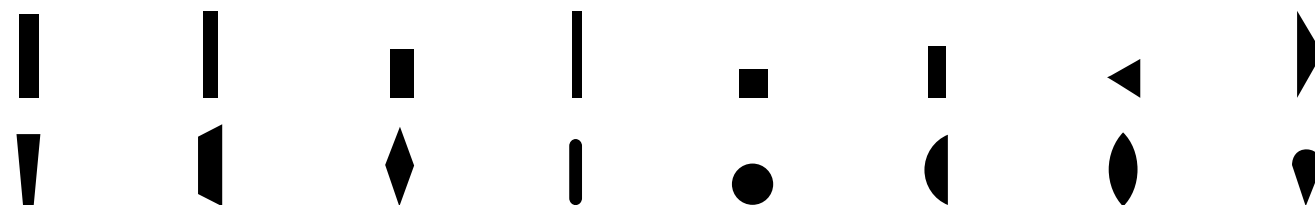
- Work to be accomplished, whether roughing or finishing, will determine type of teeth and coarseness for each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- Swiss pattern files are available in seven cuts: No. 00, 0, 1, 2, 3, 4,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

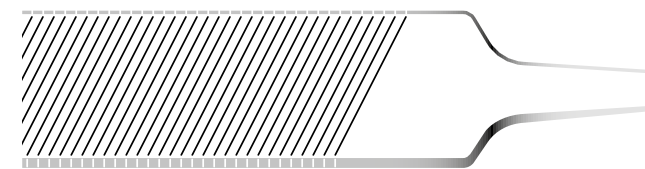
## SHAPE



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

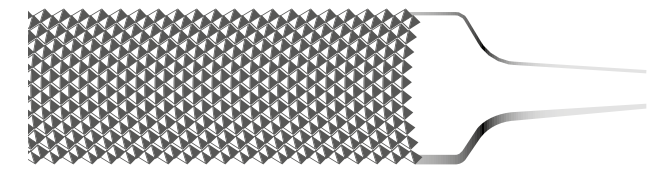
# KINDS OF TEETH

## SINGLE CUT



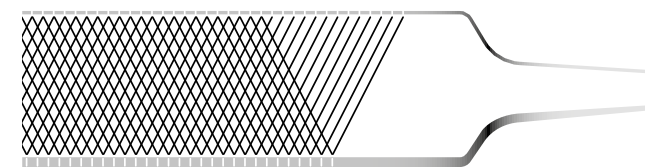
- Single set of parallel, diagonal rows of teeth.
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws.

## RASP CUT



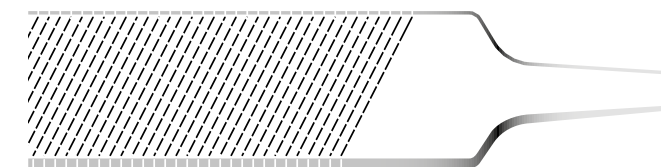
- Series of individual teeth which are formed by a single-pointed tool.
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead.

## DOUBLE CUT



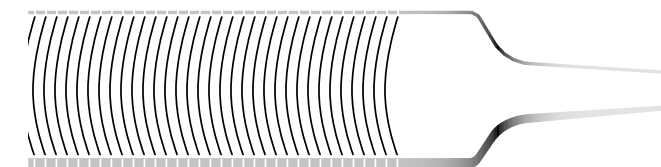
- 2 sets of diagonal rows of teeth.
- Second set of teeth cut in opposite diagonal direction and on top of the first set.
- First set of teeth is known as the overcut, second is known as upcut.
- Upcut is finer than overcut.
- Double-cut file is used with heavier pressure than the single-cut and removes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

## MAGICUT®



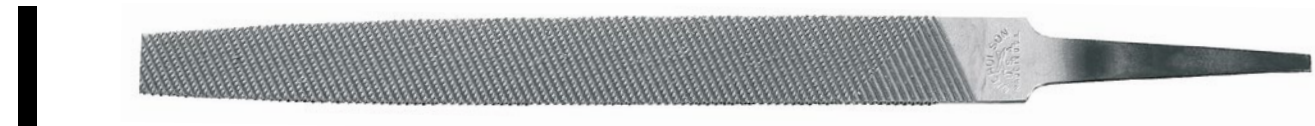
- Single cut teeth divided by angular serrations into shorter cutting edges, which free themselves readily from chips and perform roughing and smoothing at the same time.

## 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.

ALUMINIUM FILES – TYPE “A” FLAT



- Special tooth construction eliminates clogging when filing aluminum.
- Flat shape
- Double-cut
- All sizes have same number of teeth per inch.
- Smooth finish obtained by using shearing cut toward left.

Length						Code No.	Packed	Weight per doz. g	Shelf Pack
Inch	mm								
8	200					00024N	Boxed	1361	12

CHAIN SAW FILES – ROUND SMOOTH



- Round shape
- Smooth-cut
- Boxed, 6 files/carton
- Carded files, 3 files on card
- Flow Pack, 3 files/pack

Length		Diameter		Type	Code No.	Packed	Weight per Shelf Pack g	Shelf Pack
Inch	mm	Inch	mm					
6	150	1/8	3,20	610	02144N	Boxed	90	6
6	150	9/64	3,60	615	01606N	Boxed	110	6
6	150	5/32	4,00	620	01611N	Boxed	120	6
6	150	5/32	4,00	620	01611B3	Carded	260	4
8	200	5/32	4,00	825	02228B	Flow Pack	260	4
8	200	3/16	4,80	83	02229B	Carded	440	4
8	200	13/64	5,20	832	01798N	Boxed	210	6
8	200	7/32	5,60	835	02230B	Flow Pack	480	4
8	200	1/4	6,40	84	02147N	Boxed	260	6

DOUBLE ENDER FILES



- Triangular shape
- Sides and edges are single-cut from points to center giving
- All files supplied with handles.
- Single-cut

Length				Code No.	Packed	Weight per doz. g	Shelf Pack
Inch	mm						
6	150			02884MM	Boxed	312	12
7	175			02905MM	Boxed	369	12

FARMER’S OWN FILES



- General purpose file suited for agricultural use.
- Rectangular shape
- Single-cut
- Safe edges
- Length measured exclusive of handle.
- Convenient hang up hole

Length				Code No.	Packed	Weight per doz. g	Shelf Pack
Inch	mm						
8	200			06649N	Boxed	2155	12
10	250			06668N	Boxed	4508	12

FLAT FILES



- Used by machinists, machinery builders, ship and engine builders, 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.
- American pattern, available in bastard, second and smooth-cut.
- Boxed

Length		Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
4	100		03401N	03434N	255	12
6	150	03467N	03500N	03533N	709	12
8	200	03566N	03599N	03632N	1701	12
10	250	03665N	03698N	03731N	3261	6
12	300	03764N	03797N	03830N	5103	6
14	350	03863N	03896N	03929NN	7541	6

HALF ROUND FILES



- Used on concave, convex and flat surfaces.
- Rounded on 1 side, flat on opposite.
- Backs of all half-round bastard files are double-cut.
- Backs of all half-round second-cut files longer than 6“ are double-cut.
- Backs of all 4 and 6“ files are single-cut.
- Backs of all half-round smooth files are single-cut.
- Flat sides of all half-round files are double-cut.
- Boxed

Length		Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
4	100	04695N	04729N	04762N	284	12
6	150	04795N	04828N	04861N	709	12
8	200	04896N	04927N	04960N	1503	12
10	250	04995N	05026N	05059N	2750	6
12	300	05094N	05125N	05158N	4763	6
14	350	05194N	05225N	05258N	7371	6

KNIFE FILES



- 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.
- Boxed

Length		Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
4	100	06711N	06742N	06773N	170	12
6	150		06836N	06867N	539	12
8	200		06930N	06961N	1134	12
10	250	06992N	07023N	07054N	2098	12

LONG ANGLE LATHE FILES – FINE



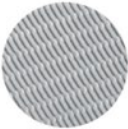
- Specially designed for finishing rapid stock removal on lathe work.
- Rectangular shape
- Safe edges
- Cut faster than regular mill files and leave smoother finish.
- Boxed

Length		Made in USA Code No.	Made in Brazil Code No.	Weight per doz. g	Shelf Pack
Inch	mm				
12	300		07851N	2638	6
14	350	07863N		3998	6

MAGICUT® FILES – FLAT

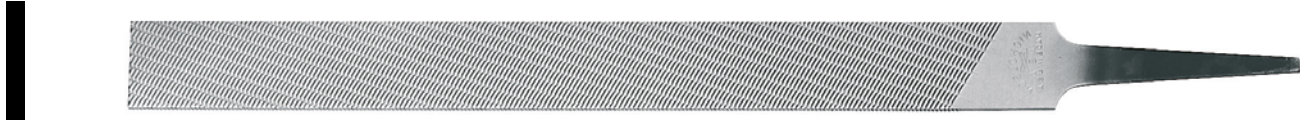


- Used by machinists as all-purpose file to remove stock rapidly and to leave a smooth finish.
- Tapered point in width
- File features a pattern of narrow chip breakers created by steep and angled serrations for rapid removal and smoother finish.
- Boxed



Length		Code No.	Weight per doz. g	Shelf Pack
Inch	mm			
8	200	07894N	1701	12
10	250	07917N	3260	6
12	300	07941N	5103	6

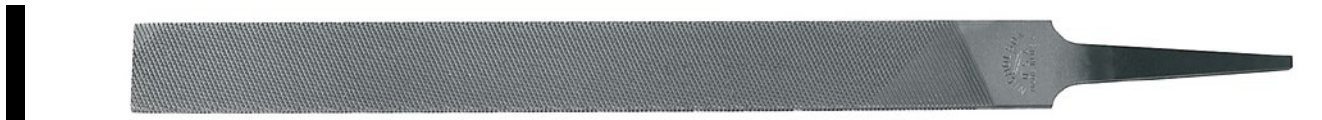
MAGICUT® FILES – HAND



- Used by machinists as all-purpose file to remove stock rapidly and to leave a smooth finish.
- Rectangular shape
- Parallel edges full length
- File features a pattern of narrow chip breakers created by steep and angled serrations for rapid removal and smoother finish.
- Boxed

Length		Code No.	Weight per doz. g	Shelf Pack
Inch	mm			
10	250	08189N	3360	6

HAND FILES



- Rectangular shape
- Double-cut
- 1 safe edge
- Same coarseness as flat files of corresponding lengths.
- Boxed

Length		Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
4	100	05652N	05675N	05698N	397	12
6	150	05738N	05771N	05804N	794	12
8	200	05853N	05886N	05919N	1758	12
10	250	05968N	06001NN	06034N	3402	6
12	300	06084N	06117N	06150N	7768	6
14	350	06198N			7836	6

MILL BLUNT FILES



- Used for sharpening mill or circular saws.
- Also for draw-filing and finishing metals.
- Rectangular shape
- Single-cut on sides and edges.
- 1 or 2 round edges and parallel edges.
- Boxed

Length		Type Cut	Two Square Edges Code No.	One Round Edge Code No.	Two Round Edges Code No.	Weight per doz. g	Shelf Pack
Inch	mm						
8	200	2nd cut	09834N			1380	12
6	150	2nd cut		10095N		600	12
8	200	2nd cut		10165		1320	12
10	250	2nd cut		10225N		2580	12
12	300	2nd cut		10260N		4320	6
8	200	2nd cut			10380N	1320	12

SQUARE FILES



- Used on slots, keyways and general surface filing.
- Square shape
- Double-cut
- Tapered slightly towards point
- Larger sizes frequently preferred to corresponding flat files because of heavier section and 4 filing surfaces.
- Boxed

Length		Width		Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
Inch	mm	Inch	mm					
4	100	5/32	4	12790	12824	12857	113	12
5	125	3/16	5	12890			240	12
6	150	1/4	6	12967	13000N	13033	482	12
8	200	5/16	8	13081	13114	13147	879	12
10	250	3/8	10	13196N	13229	13262	1758	12
12	300	1/2	13	13310	13343	13376	3799	6



ROUND FILES



- Primarily used to file circular openings or concave surfaces.
- Round shape
- All 4, 5, 6, 8, 10, 12" files are single-cut
- 14" bastard file is double-cut
- Tapered slightly towards point
- Boxed

Length		Diameter		Bastard Cut	Second Cut	Smooth Cut	Weight per	Shelf
Inch	mm	Inch	mm	Code No.	Code No.	Code No.	doz. g	Pack
4	100	1/8	3	11526N	11559NN	11592NN	113	12
5	125	3/16	5	11637N			255	12
6	150	1/4	6	11716N		11781N	397	12
8	200	5/16	8		11936	11969	624	12
10	250	3/8	10	12019	12051	12084	1446	12
12	300	1/2	13	12134	12166		3090	6
14	350	5/8	16	12248			5415	6

TAPER [TRIANGULAR] SAW FILES

- Made for filing saws with 60° angle teeth
- Triangular shape
- Single-cut
- Edges set and cut for filing
- gullets between saw teeth.
- In 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 results.

Number of Saw Points	Files Recommended
5	7"/178 mm Taper Regular
5 1/2	7"/178 mm Taper Regular
6	7"/178 mm or 8"/200 mm Slim
7	6"/150 mm or 7"/178 mm Slim
8	6"/150 mm Slim

Number of Saw Points	Files Recommended
	7"/178 mm Extra Slim
	8"/200 mm Double Extra Slim
9	6"/150 mm Extra Slim
	7"/178 mm Double Extra Slim
10	5"/127 mm of 6"/150 mm Extra Slim
11	5"/127 mm Extra Slim
	6"/150 mm Double Extra Slim
12	5"/127 mm Extra Slim
13 and 14	5"/127 mm Double Extra Slim
15 and 16	4"/102 mm Double Extra Slim

TAPER FILES – REGULAR AND HEAVY



- Triangular shape
- Boxed
- Edges set and cut for filing
- gullets between saw teeth.
- Tapers slightly towards the point.

Length							
Inch	mm				Code No.	Weight per doz. g	Shelf Pack
Regular							
3 1/2	88				13710M	180	12
4	100				13727M	311	12
4 1/2	113				13750M	425	12
5	125				13772M	567	12
6	150				13807M	907	12
7	175				13841M	1332	12
8	200				13875M	1956	12
Heavy							
6	150				14032M	1520	12
7	175				14048M	1680	12
8	200				14060M	2400	12

TAPER FILES – SLIM



- Triangular shape
- Boxed
- Edges set and cut for filing
- gullets between saw teeth.

Length						Code No.	Weight per	Shelf
Inch	mm						doz. g	Pack
4	100					14106M	170	12
4 1/2	113					14139M	226	12
5	125					14162M	255	12
6	150					14224M	482	12
7	175					14255M	765	12
8	200					14290M	1191	12

TAPER FILES – EXTRA SLIM



- Triangular shape
- Boxed
- Edges set and cut for filing
- gullets between saw teeth.

Length						Code No.	Weight per	Shelf
Inch	mm						doz. g	Pack
4	100					14547M	113	12
5	125					14599M	170	12
6	150					14665M	312	12
7	175					14698N	539	12
8	200					14729N	851	12

TAPER FILES – DOUBLE EXTRA SLIM



- Triangular shape
- Boxed
- Edges set and cut for filing
- gullets between saw teeth.

Length						Code No.	Packed	Weight per	Shelf
Inch	mm							doz. g	Pack
4	100					14942M	Boxed	82	12
5	125					14992M	Boxed	142	12

TAPER FILES – BANDSAW REGULAR AND HEAVY



- For filing and sharpening bandsaws.
- Triangular shape
- Edges set and cut for filing
- gullets between saw teeth.
- Boxed

Length						Code No.	Weight per doz. g	Shelf Pack
Inch	mm							
Regular								
8	200					00668N	1920	12
Heavy								
8	200					14065	2360	12

THREE SQUARE FILES



- For general use by machinists for filing internal angles more acute than right angles, clearing out square corners and filing taps and gutters.
- Triangular shape
- Double-cut
- Sharp corners are slightly set and cut.
- Cut to the point
- Boxed

Length		Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
6	150	15925NN	15958NN	15991NN	879	12
8	200	16036NN	16069NN		1928	12
10	250		16180N	16213NN	3402	12
12	300		16291		5216	6

TUNGSTEN POINT FILES



- Designed for dressing distributor points that are tipped with tungsten, iridium and similar metals.
- Thin rectangular shape
- Double-cut
- 5 1/4" overall
- Chisel tip of file enters slots or gaps easily.
- Approximate size 5/16" / 8 mm x 0,044" / 1,10 mm.

Length				Code No.	Packed	Weight per doz. g	Shelf Pack
Inch	mm						
5 1/4	133			02373N	Boxed	1134	12

WARDING FILES



- Used primarily by locksmiths in repairing and 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.

Length		Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
4	100	16507N	16540N	16573N	142	12
6	150	16663N	16696N	16729N	369	12
8	200	16761N	16794N		737	12

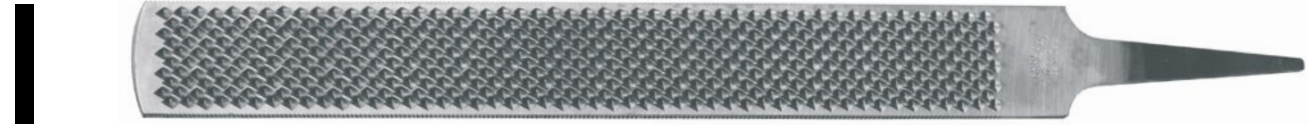
CABINET RASPS



- Used by cabinetmakers and woodworkers.
- Half-round
- Single-cut on edges
- Curved side of rasps similar to half-round rasps but has larger radius.
- Boxed

Length				Regular (Second Cut) Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
8	200			17615N	1361	12
10	250			17683N	2466	6
12	300			17751N	4224	6

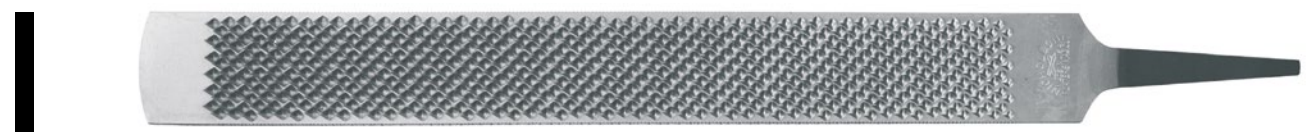
HORSE RASPS – TANGED



- Rectangular shape
- Single-cut on edges
- Tanged
- Rasp teeth on 1 side, file teeth on opposite.
- Thicker than Plater's Special – ideal for hot asping.
- Boxed

Length				Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
12	300			18035N	8165	6
14	350			18057N	12020	6

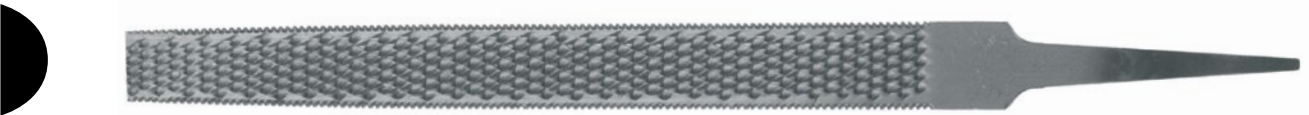
MAGICUT® PLATER'S SPECIAL HORSE RASP



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

Length				Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
14	350			18130N	7144	6

WOOD RASPS – HALF ROUND



- Used by woodworkers, hobbyists and plumbers.
- Half-round shape
- Single-cut file teeth on edge.
- For use on wood and soft metals.
- Boxed

Length				Second Cut Code No.	Weight per doz. g	Shelf Pack
Inch	mm					
8	200			19575	1559	12

WOOD RASPS ROUND BASTARD



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

Length		Diameter		Code No.	Weight per doz. g	Shelf Pack
Inch	mm	inch	mm			
10	250	3/8	10	19875	1474	12



## NICHOLSON™ X.F® FILES SWISS PATTERN

- Made to more exacting measurements than American pattern files.
- Made in finer cuts, which vary from No. 00 (coarsest) to No. 6 (finest).
- Used by tool and die makers, jewelers, model makers and home craftsman.
- Recommended for those who do superfine precision filing.

## HALF ROUND FILES



- Used by tool and die makers, jewelers, model makers and home craftsman.
- Half-round shape
- Double-cut on both flat and half-round sides.
- Taper in thickness and width to point.
- Boxed

Length				Cut No.	Code No.	Weight per doz. g	Shelf Pack
Inch	mm						
6	150			2	36533N	539	12
6	150			4	36545N	539	12

## PILLAR 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.
- Boxed

Length				Cut No.	Code No.	Weight per doz. g	Shelf Pack
Inch	mm						
6	150			2	39911N	737	12
6	150			4	39923N	737	12
8	200			0	39935N	1588	6
8	200			2	39947N	1588	6

## PILLAR NARROW FILES



- Rectangular shape
- Narrow
- Double-cut on 2 sides only
- Safe edges
- Similar to pillar files but are narrower for their length.
- Boxed

Length				Cut No.	Code No.	Weight per doz. g	Shelf Pack
Inch	mm						
6	150			2	40088N	567	12

## FLEXIBLE FILES (WITHOUT TANG)



- Ideal for smooth, rapid work on cast iron, bronze, lead, babbitt, aluminum, zinc, plastics and 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.
- Boxed

Length				No. of Teeth Per Inch/Cut	Code No.	Weight per doz. g	Shelf Pack
Inch	mm						
12	300			10/Standard	20138N	2495	6
14	350			12/Fine	20205N	3204	6

## MILLED TOOTH BODIFILES



- Ideal for smooth, rapid work on cast iron, bronze, lead, babbitt, aluminum, zinc, plastics and 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.
- Boxed

Length				No. of Teeth Per Inch/Cut	Code No.	Weight per doz. g	Shelf Pack
Inch	mm		Type				
14	350		50-908	8/Standard	20189N	3204	6

## FLAT FILES – RIGID TYPE (WITH TANG)



- Ideal for smooth, rapid work on cast iron, bronze, lead, babbitt, aluminum, zinc, plastics and 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.
- Boxed

Length				No. of Teeth Per Inch/Cut	Code No.	Weight per doz. g	Shelf Pack
Inch	mm						
12	300			10/Standard	20342N	4224	6
14	350			8/Standard	20393N	6747	6

## SUPER SHEAR®



- 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 of aluminum, brass, babbitt, bronze, copper, magnesium, iron, annealed steel, soft metal alloys, plastics, hard rubber and hardwood.
- Smooths as it roughs.
- Boxed

Length				No. of Teeth Per Inch/Cut	Code No.	Weight per doz. g	Shelf Pack
Inch	mm						
10	250			12/Standard	21067N	2665	6
12	300			10/Standard	21118N	4224	6



## ADJUSTABLE FLEXIBLE FILE HOLDER NO. 25

- For curved tooth files without tang.
- Can be used with either 12“ or 14“ files.
- Easily adjusted for curving file outward or inward.
- Boxed



No.	Code No.	Weight per doz. g	Shelf Pack
25	21272N	907	1

## ERGONOMIC FILE HANDLE

- 5 Interchangeable cushion inserts are 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.
- Bagged



Description	Code No.	Weight per Shelf Pack g	Shelf Pack
Ergonomic File handle and inserts	T0010000150	350	1

## 4“/100 MM FILE ASSORTMENT

- With wooden handle
- Six files in metal box or in plastic pouch.
- Consist of: Hand, Warding, Half Round, Square, Round and Slim Taper



Length		Cut	Code No.	Packed	Weight g	Shelf Pack
Inch	mm					
4	100	Bastard	T0012991410	Metal Box	150	1
4	100	Bastard	T0012991411	Plastic Pouch	110	1
4	100	2nd cut	T0012991420	Metal Box	150	1
4	100	2nd cut	T0012991422	Plastic Pouch	110	1
4	100	Smooth	T0012991430	Metal Box	150	1
4	100	Smooth	T0012991433	Plastic Pouch	110	1

## “JOB BY JOB” FILE SELECTOR

Aluminum alloy	Flat Bastard File, Aluminum File, Magicut®	Cutter, Machine tool	This tool is generally ground and sharpened by an emery wheel. Can be filed only when in an annealed condition. Use file to suit shape or surface.
Auger Bit	Auger Bit File	Cutter, milling	See Cutter, Machine tool
Auto Body	Bodifiles	De-scaling	Flat Bastard File
Babbitt	Flat Babbitt, Super Shear®, Flat Files	Die block	Flat Bastard File
Bearing, brass	Magicut®	Die casting	Flat Bastard File, Half-Round Bastard File, Round Bastard File, Square Bastard File, or Mill Bastard File, according to shape of the die casting and finish desired.
Bearing, bronze	Flat Bastard File, Magicut®	Die forging	Flat Bastard File or Half Round Bastard File, according to shape of the die forging
Beveling	Flat Bastard, Mill File	Die Shop	Swiss Pattern Files of appropriate shape
Blacksmith	Rasp and Flat Bastard, Half-Round Bastard, Flat Coarse File	Electric Connections (cleaning)	If surface is large, use Mill Bastard File, otherwise use Tungsten point
Bolt threads	Taper, Mill or Knife File, Mill Bastard	Fender, auto	Bodifiles
Brass	Flat Bastard File, Magicut®, Super Shear®	Fiber	Flat Bastard File or Rasp
Bronze	Flat Bastard File, Magicut®	Fine work	Swiss Pattern Files
Cabinet, wood	Cabinet File, Cabinet Rasp or Woodchuck	Finishing	Mill Bastard File. For lathe filing, use Mill Bastard File or Long Angle Lathe File
Cast iron	Flat, Half-Round, Square or Round File, according to shape of material		
Casting rough	Flat Bastard File		
Contact points	Mill Bastard, Second Cut, and Tungsten Point Files		
Copper	Flat Bastard File, Magicut®		

Foundry casting	Flat Bastard File
Furniture, making	Cabinet File, Cabinet Rasp, or Mill Bastard File
Garden Tool	Home and Garden File
Grooving	Square Bastard, Round Bastard, Half-Round Bastard, or Slim Taper, according to shape of groove
Hard rubber	Flat Bastard File
Hole	Round Bastard File or Square Bastard File
Horse-shoeing	Horse Rasp, Plater’s Rasp
Hot metal, filing	Flat Bastard File
Iron	Bastard-Cut File according to shape of material
Joint, mortise and tenon	Cabinet File or Cabinet Rasp
Key way	Square Bastard or Pillar Bastard File
Keys, filing	Warding Bastard File
Knife	Mill Files
Lathe-turned Section	Mill Bastard File or Long Angle Lathe File
Laminate	Laminate File, Plastic File, Mill Bastard File
Lawn mower	Mill Bastard File or Home and Garden File
Lock, mending	Warding Bastard File
Machinists’ work	Machinists’ File such as Flat, Half Round, Square or Round. Also Mill or Tapers, in cuts according to work

Millwrights’ work	Flat, Half-Round, Round, Square Mill Files
Model, metal	Swiss Pattern Files
Molded part	Flat Bastard File or Mill Bastard File
Notch	Taper or Knife File
Ornaments, wood Making	Files, including Cabinet File, Cabinet Rasp. Round Bastard Mill Bastard and Slim Taper File
Pattern making, Wood	Files, including Cabinet File, Cabinet Rasp, Pattern Makers Rasp, Woodchuck Round Bastard, Square Bastard, Mill Bastard and Slim Taper File
Pipe fitting	Half-Round Bastard File
Planer knife carbon steel	Mill Bastard File
Plastics	Flat Bastard File. Also Mill Bastard File, Plastics File, Laminate File, sharpened for plastics
Plumbers’ work	Half-Round Bastard
Rotary mower Blade	Home and Garden File, Handy File, Flat Bastard.
Rough filing	Bastard File depending on shape to be filed
Slot	Knife File, Slim Taper or Warding
Snagging	Flat Bastard File
Soft metal	Flat Bastard
Stainless Steel	Flat, or Mill File sharpened for stainless steel
Steel	Flat Bastard File

Steel alloy	Use file applicable to the shape of the material File steel alloy only when it is annealed
Switch contacts	Contact Point File or Mill Bastard File, according to surface area of switch contacts
Switch, electric	Mill Bastard File or Contact Point File, according to size of switch
Template	Files, including Flat Bastard File, Half-Round Bastard File, Mill Bastard File, or Round Bastard File
V-groove	Files, including Knife, Taper, Slim Taper, X Slim Taper, XX Slim Taper
Wood working	Cabinet File or Cabinet Rasp
Zinc	Babbitt File

### Saws

Band Saw	Band Saw Taper Single-Cut File
Cant Saw	Cantsaw or Mill Bastard File
Chain Saw	Round, Special Square, Lozenge File [Special Mill File for Depth Gauge]
Circular Saw	Mill Bastard, Cantsaw and Slim Taper Files
Cross-Cut Saw	Special Crosscut, Mill, Round, or Round Edge Mill File

Hand Saw	<p>Slim Taper, Extra Slim Taper, or Double Extra Slim Taper File, according to points of saw. File recommended for saw points per inch</p> <p><b>Saw points shown in Bold</b></p> <p><b>5</b> - 7“ Regular Taper</p> <p><b>5 1/2</b> - 7“ Regular Taper</p> <p><b>6</b> - 7“ or 8“ Slim Taper</p> <p><b>7</b> - 7“ or 8“ Slim Taper</p> <p><b>8</b> - 6“ Slim Taper, 7“ Extra Slim Taper or 8“ Double Extra Slim Taper</p> <p><b>9</b> - 6“ Extra Slim Taper or 7“ Double Extra Slim Taper</p> <p><b>10-5“</b> or 6“ Extra Slim Taper</p>
Wood or Buck Saw	Mill Bastard and Slim Taper Files





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