



Shaping

Files • Rasps • Sets • Specialty Files



Trusted by the Trades.



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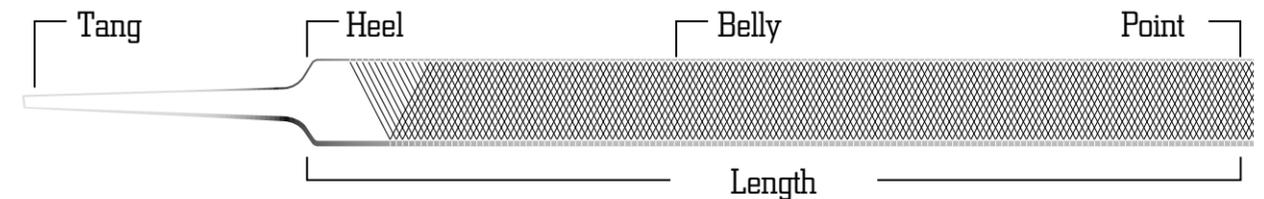
File Terminology

COARSENESS



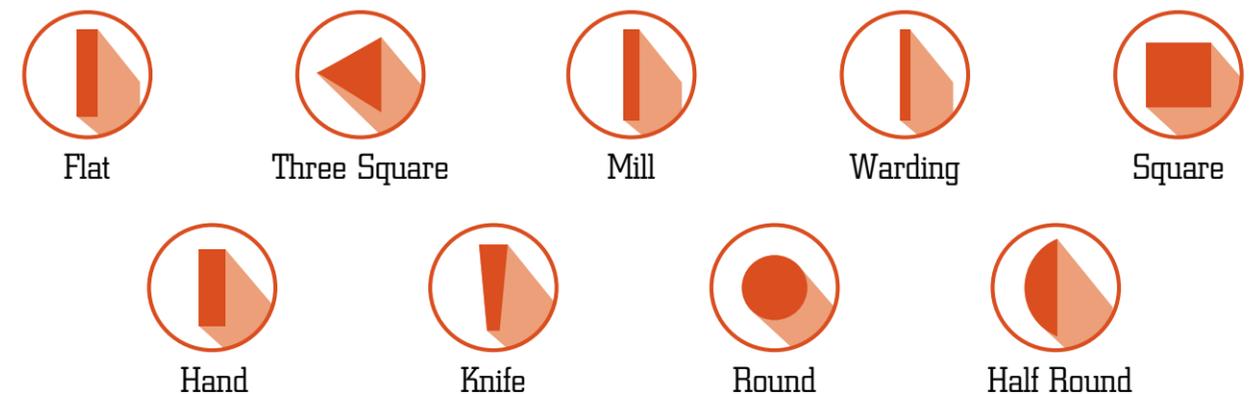
- Work to be accomplished, roughing or finishing, will determine type of teeth and coarseness for each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- Swiss pattern files are available in seven cuts: No. 00, 0, 1, 2, 3, 4, and 6
- The degree of coarseness is greater in longer files, but differences between bastard, second and smooth are proportionate

LENGTH



- Length is measured exclusive of tang, from point to heel, unless specified otherwise
- Desired stroke length, type of material and size will determine length required

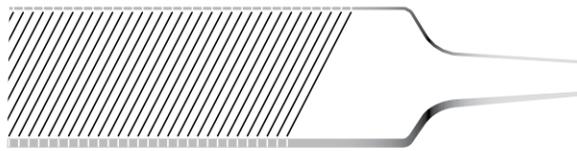
SHAPE



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

Kinds of Teeth

SINGLE CUT



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

DOUBLE CUT



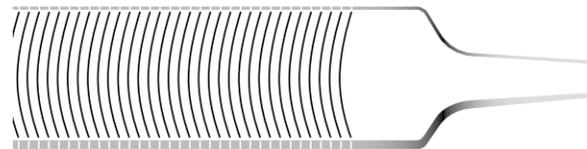
- 2 sets of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is known as upcut
- Upcut is finer than overcut
- Double-cut file is used with heavier pressure than the single-cut and removes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

MAGICUT®



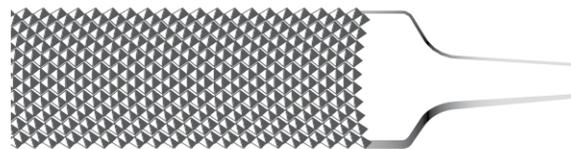
- Single cut teeth divided by angular serrations into shorter cutting edges, which free themselves readily from chips and perform roughing and smoothing at the same time

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

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

Selection Charts

Find the right file or rasp for your job.

Simply find your requirements in the listing. The applicable files and rasps are listed accordingly.

MATERIAL	FILE
Aluminium alloy	Flat, 2-in-1 Bastard and Smooth Cut, Magicut Flat or Milled Tooth Bodifile
Babbitt	Flat, 2-in-1 Bastard and Smooth Cut or Milled Tooth Bodifile
Brass	Flat, 2-in-1 Bastard and Smooth Cut or Magicut Flat
Bronze	Flat, 2-in-1 Bastard and Smooth Cut, Magicut Flat or Milled Tooth Bodifile
Carbon steel	Mill
Cast iron	Flat, 2-in-1 Bastard and Smooth Cut, Milled Tooth Bodifile or any file according to shape of material (e.g. Round, Half Round, Square, etc.)
Casting rough	Flat, 2-in-1 Bastard and Smooth Cut
Copper	Flat, 2-in-1 Bastard and Smooth Cut or Magicut Flat
Fiber	Flat, 2-in-1 Bastard and Smooth Cut or Rasp
Hard rubber	Flat, 2-in-1 Bastard and Smooth Cut
Hot metal	Flat, 2-in-1 Bastard and Smooth Cut
Iron	Flat, 2-in-1 Bastard and Smooth Cut or any other file according to shape of material (e.g. Round, Half Round, Square or Three Square, etc.)
Laminate	Mill
Lead	Milled Tooth Bodifile
Plastics	Flat, 2-in-1 Bastard and Smooth Cut, Mill or Milled Tooth Bodifile
Soft metal	Flat, 2-in-1 Bastard and Smooth Cut
Stainless steel	Flat, 2-in-1 Bastard and Smooth Cut or Milled
Steel	Flat, 2-in-1 Bastard and Smooth Cut
Steel alloy	Flat, 2-in-1 Bastard and Smooth Cut or any other file according to shape of material (e.g. Round, Half Round, Square or Three Square, etc.)
Wood	Cabinet Rasp, Pattern Maker's Cabinet Rasp or Wood Rasp
Lead	Milled Tooth Bodifile
SHAPE	FILE
Acute angle	Knife
Bevel surface	Flat or Mill
Circular opening	Round
Concave surface	Half Round or Round
Convex surface	Half Round
Flat surface	Flat, 2-in-1 Bastard and Smooth Cut, Magicut Flat, Hand, Half Round or Mill
Hole	Round or Square
Interior angle	Knife, Taper or Three Square
Keyway	Square
Locksmith	Warding
Notched surface	Taper File or Knife File
Slot	Knife File, Taper File, Warding File or Square File
V-groove surface	Knife File or Taper File
USER	FILE
Blacksmith	Flat, 2-in-1 Bastard and Smooth Cut, Half-Round or Rasp
Cabinetmaker	Pattern Maker's Cabinet Rasp or Cabinet Rasp
Diemaker	Knife
Engine Builder	Flat, 2-in-1 Bastard and Smooth Cut
Gardener	Axe Sharpening, Round Chain Saw or Taper
Hobbyist	Wood Rasp, Axe Sharpening, 4-in-1 Hand Rasp, Flat, 2-in-1 Bastard and Smooth Cut, Hand, Mill or any file according to shape of material
Locksmith	Warding
Lumberjack	Axe Sharpening, Round Chain Saw or Taper
Machinist	Flat, 2-in-1 Bastard and Smooth Cut, Magicut Flat, Half-Round, Square, Three Square, Round, Mill or Taper
Machinery Builder	Flat, 2-in-1 Bastard and Smooth Cut, Half-Round, Square, Round, Mill or Taper

[Continued on next page]

USER	FILE
Millwright	Flat, 2-in-1 Bastard and Smooth Cut, Half-Round, Square, Round or Mill
Plumber	Half-Round or Wood Rasp
Repairman	Flat, 2-in-1 Bastard and Smooth Cut
Ship Builder	Flat, 2-in-1 Bastard and Smooth Cut
Tool Maker	Knife
Trade Worker	Knife
Wood Maker	Axe Sharpening, Round Chain Saw or Taper
Woodworking Trade Professional	Pattern Maker's Cabinet Rasp, Cabinet Rasp or Wood Rasp
JOB APPLICATION	FILE
Auto Body	Milled Tooth Bodi
Axe	Axe Sharpening
Bearing (brass)	Magicut Flat or 2-in-1 Bastard and Smooth Cut
Bearing (bronze)	Flat, 2-in-1 Bastard and Smooth Cut or Magicut Flat
Beveling	Flat or Mill
Bolt threads	Taper, Knife or Mill
Cabine (wood)	Cabinet Rasp
Contact points	Mill
De-scaling	Flat or 2-in-1 Bastard and Smooth Cut
Die block	Flat or 2-in-1 Bastard and Smooth Cut
Die casting	Flat, 2-in-1 Bastard and Smooth Cut or any file according to shape of material (e.g. Round, Half Round, Square or Three Square)
Die forging	Flat, 2-in-1 Bastard and Smooth Cut or Half-Round (according to shape of material)
Electric connections (cleaning)	Mill
Fender (auto)	Milled Tooth Bodifile
Finishing	Mill or 2-in-1 Bastard and Smooth Cut
Foundry casting	Flat, 2-in-1 Bastard and Smooth Cut
Furniture (making)	Cabinet Rasp, Pattern Maker's Cabinet Rasp or Wood Rasp
Garden Tools	Axe Sharpening
Grooving	Square, Round, Half-Round or Slim Taper
Horse-shoeing	Horse Rasp, Magicut Plater's Special Horse Rasp or Horse Rasp with Plain 1/2
Joint, mortise and tenon	Flat, 2-in-1 Bastard and Smooth Cut, Half- Round, Square or Round (according to shape of material)
Key way	Square, Round, Half-Round or Slim Taper
Keys (filing)	Warding
Knife	Mill
Lathe-turned section	Mill
Lawn mower	Mill
Lock (mending)	Warding
Molded part	Flat, 2-in-1 Bastard and Smooth Cut or Mill
Ornaments, Wood making	Round, Mill, Taper Cabinet Rasp, Pattern Maker's Cabinet Rasp or Wood Rasp
Pattern making (wood)	Cabinet Rasp, Pattern Maker's Cabinet Rasp, Wood Rasp, Round, Mill or Taper
Pipe fitting	Half-Round
Planer knife carbon steel	Mill
Rotary mower blade	Flat or 2-in-1 Bastard and Smooth Cut
Rough filing	Magicut Flat or any Bastard file according to shape of material (e.g. Round, Half Round, Square or Three Square)
Saws	Taper, Round Chain Saw or Mill
Smoothing a plane	Hand, 2-in-1 Bastard and Smooth Cut, Hand or Mill
Snagging	Flat or 2-in-1 Bastard and Smooth Cut
Switch (contacts/electric)	Mill
Template	Flat, 2-in-1 Bastard and Smooth Cut, Half-Round, Mill or Round
Trade work	Knife
Widening holes	Hand

2 Pc. 2-in-1 Bastard & Smooth Cut File Set

- American pattern flat file with bastard cut on one side and smooth cut on the other side, providing aggressive material removal and precise finishing capability in one file
- Rectangular cross-section with slight taper towards point
- Double cut on sides and single cut on edges
- Precision engineered to provide maximum material removal per stroke and long product life
- Special tooth construction reduces clogging



Cat. No.	Included Storage	Product Weight
21981N	None	0.640 lb
Cat. No.	Description	
21908N	8" 2-in-1 Bastard and Smooth Cut File	
21910N	10" 2-in-1 Bastard and Smooth Cut File	



AMERICAN
PATTERN FILES

3 Pc. 6" Ergonomic File Set

- Set includes half round bastard, mill bastard, round bastard files
- Rubber-coated ergonomic handles for better comfort and control
- Bastard coarseness grade for a rough finish
- Basic selection for home and professional use
- Includes pouch for storage and organization



Catalog No.	Included Storage		
22015HNNN	Pouch		
Catalog No.	Description	File Length	Handle
-	6 in Half Round Bastard Cut File with Ergonomic Handle	6 in / 150 mm	Yes (Ergonomic)
-	6 in Round Bastard Cut with Ergonomic Handle	6 in / 150 mm	Yes (Ergonomic)
21687HNN	6 in Mill Bastard Cut File with Ergonomic Handle	6 in / 150 mm	Yes (Ergonomic)



9 Pc. Ergonomic File Set

- Set includes must-have files, which cover a wide range of usage scenarios
- Includes four 10 in bastard cut files
- Two 6 in tapered files
- Two 8 in bastard cut files
- One 12 in mill bastard cut file
- Rubber-coated ergonomic handles for better comfort and control
- Includes pouch for storage and organization



Catalog No.	Included Storage
22030HNNN	Pouch

Catalog No.	Description	File Length	Handle
21701HNN	10 in Mill Bastard Cut File with Ergonomic Handle	10 in / 250 mm	Yes (Ergonomic)
21842HNN	12 in Mill Bastard Cut File with Ergonomic Handle	12 in / 300 mm	Yes (Ergonomic)
-	8 in Half Round Bastard Cut File with Ergonomic Handle	8 in / 200 mm	Yes (Ergonomic)
-	10 in Half Round Bastard Cut File with Ergonomic Handle	10 in / 250 mm	Yes (Ergonomic)
21748HNN	8 in Flat Bastard Cut File with Ergonomic Handle	8 in / 200 mm	Yes (Ergonomic)
21868HNN	10 in Flat Bastard Cut File with Ergonomic Handle	10 in / 250 mm	Yes (Ergonomic)
21729HNN	6 in Slim Taper File with Ergonomic Handle	6 in / 150 mm	Yes (Ergonomic)
-	6 in Double Extra Slim Taper File with Ergonomic Handle	6 in / 150 mm	Yes (Ergonomic)
-	10 in Round Bastard Cut File with Ergonomic Handle	10 in / 250 mm	Yes (Ergonomic)

5 Pc. General Purpose Set

- Set includes 10 in half round bastard, 8 in mill bastard, 8 in flat, 10 in mill bastard, 6 in slim taper files
- General-purpose files for a range of home and professional uses
- Bastard-cut files are perfect for rough work and aggressive material removal
- Slim taper files are excellent for precision work
- Rubber-coated ergonomic handles for better comfort and control
- Includes pouch for storage and organization



Catalog No.	Included Storage
22040HNNN	Pouch

Catalog No.	Description	File Length	Handle
04995BC	10 in Half Round Bastard Cut File with Ergonomic Handle	10 in / 250 mm	Yes (Ergonomic)
-	8 in Mill Bastard Cut File with Ergonomic Handle	8 in / 200 mm	Yes (Ergonomic)
-	10 in Mill Bastard Cut File with Ergonomic Handle	10 in / 250 mm	Yes (Ergonomic)
-	6 in Slim Taper File with Ergonomic Handle	6 in / 150 mm	Yes (Ergonomic)
-	8 in Flat Bastard Cut File with Ergonomic Handle	8 in / 200 mm	Yes (Ergonomic)

5 Pc. Crescent Nicholson Anniversary Set

- Industrial assortment includes 6-in. slim taper, 8-in. round, 8-in. single-cut mill, 8-in. half-round, and 10-in. double-cut flat files
- Ergonomic co-molded handles with anniversary design provide a comfortable grip, enhancing productivity and reducing hand fatigue
- Tempered steel construction offers strength and durability for long-lasting performance
- Must-have files to cover a broad range of uses
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22150HIN	Pouch	1.730 lb

Cat. No.	Description	Cat. No.	Description
21694HNN	8" Mill Bastard Cut File with Ergonomic Handle	-	8" Half Round Bastard Cut File with Ergonomic Handle
21729HNN	6" Slim Taper File with Ergonomic Handle	-	8" Round Bastard Cut File with Ergonomic Handle
21868HNN	10" Flat Bastard Cut File with Ergonomic Handle		

6 Pc. American Pattern File Assortment

- 4" file set includes warding, half round, round, hand, square, and slim taper files
- Must-have files to cover a broad range of uses
- All files come with handles
- Kit comes in bastard-cut only
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22062NNN	Pouch	0.40 lb

Cat. No.	Description	Cat. No.	Description
-	4" Warding Bastard Cut File with Wood Handle	-	4" Hand Bastard Cut File with Wood Handle
-	4" Half Round Bastard Cut File with Wood Handle	-	4" Square Bastard Cut File with Wood Handle
-	4" Round Bastard Cut File with Wood Handle	-	4" Slim Taper Bastard Cut File with Wood Handle

8 Pc. Machinist File Set

- File shapes and coarseness grades offer a range of shop uses for added versatility
- Complete set conveniently fits into rugged compact pouch for easy transport and storage
- Bastard-cut files are perfect for rough work and aggressive material removal
- Must-have file set for every machinist
- Includes pouch for storage and organization



Catalog No.	Included Storage	Product Weight
22025NNN	Pouch	

Catalog No.	Description	File Length	Handle
21868NN	10 in Flat Bastard Cut File	10 in / 250 mm	Yes (Ergonomic)
03732NN	10 in Flat Smooth Cut File	10 in / 250 mm	Yes (Ergonomic)
21858N	10 in Half Round Bastard Cut File	10 in / 250 mm	Yes (Ergonomic)
21839NN	10 in Mill Bastard Cut File	10 in / 250 mm	Yes (Ergonomic)
21854	10 in Round Bastard Cut File	10 in / 250 mm	Yes (Ergonomic)
T21455	8 in File Cleaner	8 in / 200 mm	Yes (Wooden)
14255MN	7 in Slim Taper File	7 in / 150 mm	Yes (Ergonomic)
T13196	10 in Square Bastard Cut File	10 in / 250 mm	Yes (Ergonomic)

9 Pc. Maintenance File Set

- An all-encompassing 9-piece maintenance file set
- Includes five different 10" files
- Includes three 8" files and rasps
- Includes one 6" slim taper file
- For home and professional use
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22030NNN	Pouch	3.45 lb

Cat. No.	Description	Cat. No.	Description
03633NN	8" Flat Smooth Cut File	21854	10" Round Bastard Cut File
03732NN	10" Flat Smooth Cut File	21842NN	12" Mill Bastard Cut File
21868NN	10" Flat Bastard Cut File	21866NN	6" Slim Taper File
21857LN	8" Half Round Bastard Cut File	21860NNN	8" 4-in-Hand® Rasp and File
21858N	10" Half Round Bastard Cut 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
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22015NNN	Pouch	0.28 lb

Cat. No.	Description
21825NN	6" Mill Bastard Cut File
21846NN	6" Round Bastard Cut File
21866NN	6" Slim Taper File

10" General Purpose Laminate File with Handle

- American pattern, bastard file
- Single-cut
- For use on plastic, aluminum, or laminate
- Rapid metal removal
- Results in fine to medium finish



Cat. No.	File Length	File Cut	Handled	Handle No.	Product Weight	Shelf Pack Qty.
21690NN	10 in	Bastard	Yes	#5	0.650 lb	6

2-in-1 Bastard and Smooth Cut Files

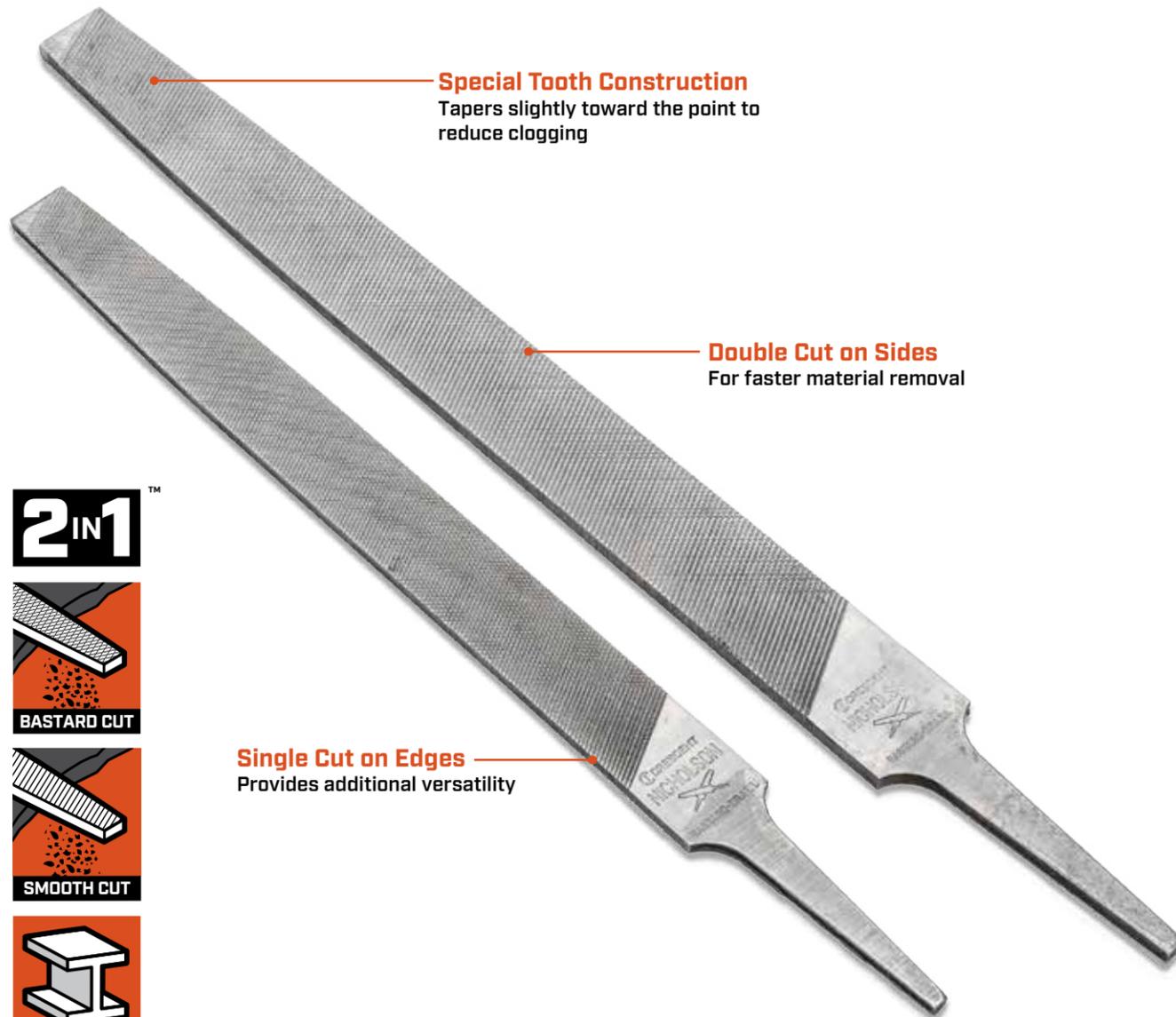
- American pattern flat file with bastard cut on one side and smooth cut on the other, providing aggressive material removal and precise finishing capability in one file
- Rectangular in cross section and tapers slightly towards the point
- Double cut on sides and single cut on edges
- Precision engineered to provide maximum material removal per stroke and long product life
- Special tooth construction reduces clogging



Catalog No.	Description	Handle	Packaging	Shelf Pack Qty.
21908N	8 in / 200 mm	No	Carded	6
21910N	10 in / 250 mm	No	Carded	6

Fit and Finish in a Single Tool

These American pattern flat files have a bastard cut on one side for aggressive material removal and a smooth cut on the other for more precise finishing. Rough fitting and fine finishing capabilities are combined in a single file to help get jobs done faster.



Special Tooth Construction
Tapers slightly toward the point to reduce clogging

Double Cut on Sides
For faster material removal

Single Cut on Edges
Provides additional versatility

Consistently Precise Cut
Provides maximum material removal per stroke and longer product life

2 IN 1™



**BLACK
DIAMOND**

Flat Files

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Ideal for machinists, machinery builders, ship and engine builders
- Can be used effectively by repairmen and others who require rapid removal of metal
- Rectangular cross section allows you to smooth and sharpen straight surfaces, while slight taper in width towards the file's point creates ease of access in slots
- Double-cut on the sides for rough filing and single-cut on the edges for a smooth finish



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
03367NN	4 in / 100 mm	Bastard	No	Boxed	12
03434NN	4 in / 100 mm	Smooth	No	Boxed	12
03467NN	6 in / 150 mm	Bastard	No	Boxed	12
03500NN	6 in / 150 mm	Second	No	Boxed	12
03533NN	6 in / 150 mm	Smooth	No	Boxed	12
03566NN	8 in / 200 mm	Bastard	No	Boxed	12
03599NN	8 in / 200 mm	Second	No	Boxed	12
03632NN	8 in / 200 mm	Smooth	No	Boxed	12
03665NN	10 in / 250 mm	Bastard	No	Boxed	6
03698NN	10 in / 250 mm	Second	No	Boxed	6
03731NN	10 in / 250 mm	Smooth	No	Boxed	6
03764NN	12 in / 300 mm	Bastard	No	Boxed	6
03797NN	12 in / 300 mm	Second	No	Boxed	6
03830NN	12 in / 300 mm	Smooth	No	Boxed	6
03863NN	14 in / 350 mm	Bastard	No	Boxed	6
03929NN	14 in / 350 mm	Smooth	No	Boxed	6
21748HNN	8 in / 200 mm	Bastard	Yes	Carded	6
21868HNN	10 in / 250 mm	Bastard	Yes	Carded	3

Type "A" Flat Aluminum Files

- American pattern flat file specifically designed to file aluminum
- Special tooth construction eliminates clinging and clogging when filing aluminum
- Flat shape fits into restricted areas and removes material quickly
- All sizes have same number of teeth per inch
- Obtain a smooth finish by using a shearing cut in a leftward motion



Cat. No.	File Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
00024NN	8 in	Double Cut	No	Boxed	0.25 lb	12
00047NN	10 in	Double Cut	No	Boxed	0.45 lb	6
00070NN	12 in	Double Cut	No	Boxed	0.80 lb	6

Half Round Files

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Perfect for use on concave, convex, and flat surfaces
- Two-sided file is rounded on 1 side and flat on the other, so you can round out holes with ease
- Rounded sides of pipeliner files are single-cut, allowing you to quickly remove material from the work piece
- This pipeliner file from Crescent Nicholson features single-cut sides



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
04695N	4 in / 100 mm	Bastard	No	Boxed	12
04729N	4 in / 100 mm	Second	No	Boxed	12
04762N	4 in / 100 mm	Smooth	No	Boxed	12
04795N	6 in / 150 mm	Bastard	No	Boxed	12
04828N	6 in / 150 mm	Second	No	Boxed	12
04861N	6 in / 150 mm	Smooth	No	Boxed	12
04896N	8 in / 200 mm	Bastard	No	Boxed	12
04927N	8 in / 200 mm	Second	No	Boxed	12
04960N	8 in / 200 mm	Smooth	No	Boxed	12
04995N	10 in / 250 mm	Bastard	No	Boxed	6
05026N	10 in / 250 mm	Second	No	Boxed	6
05059N	10 in / 250 mm	Smooth	No	Boxed	6
05094N	12 in / 300 mm	Bastard	No	Boxed	6
05125N	12 in / 300 mm	Second	No	Boxed	6
05158N	12 in / 300 mm	Smooth	No	Boxed	6
05190N	14 in / 350 mm	Bastard	No	Boxed	6
05194N	14 in / 350 mm	Bastard	No	Boxed	6
05225N	14 in / 350 mm	Second	No	Boxed	6
05258N	14 in / 350 mm	Smooth	No	Boxed	6
05307N	16 in / 400 mm	Bastard	No	Boxed	6
04795BC	6 in / 150 mm	Bastard	Yes	Flow Pack	12
04861BC	6 in / 150 mm	Smooth	Yes	Flow Pack	12
04896BC	8 in / 200 mm	Bastard	Yes	Flow Pack	12
04927BC	8 in / 200 mm	Second	Yes	Flow Pack	12
04960BC	8 in / 200 mm	Smooth	Yes	Flow Pack	12
04995BC	10 in / 250 mm	Bastard	Yes	Flow Pack	12
05059BC	10 in / 250 mm	Smooth	Yes	Flow Pack	12

Hand Files

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Rectangular shape for efficient filing across a large surface
- Double-cut abrasive surfaces perfect for widening holes or smoothing a plane
- One safe edge to protect finished surfaces or your hands during use
- Coarseness matches flat files of the same length



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
05738N	6 in / 150 mm	Bastard	No	Boxed	12
05771N	6 in / 150 mm	Second	No	Boxed	12
05804N	6 in / 150 mm	Smooth	No	Boxed	12
05853N	8 in / 200 mm	Bastard	No	Boxed	12
05886N	8 in / 200 mm	Second	No	Boxed	12
05919N	8 in / 200 mm	Smooth	No	Boxed	12
05968N	10 in / 250 mm	Bastard	No	Boxed	6
06001NN	10 in / 250 mm	Second	No	Boxed	6
06034N	10 in / 250 mm	Smooth	No	Boxed	6
06084N	12 in / 300 mm	Bastard	No	Boxed	6
06117N	12 in / 300 mm	Second	No	Boxed	6
06150N	12 in / 300 mm	Smooth	No	Boxed	6
05853BC	8 in / 200 mm	Bastard	Yes	Flow Pack	12
05968BC	10 in / 250 mm	Bastard	Yes	Flow Pack	12
06001BC	10 in / 250 mm	Second	Yes	Flow Pack	12

Handy Files

- American pattern handy file
- Single cut on one side allows you to sharpen and smooth metal surfaces
- Double cut on the reverse side can be used for general filing and rapid stock removal
- Rectangular shape lets you smooth and sharpen straight surfaces
- File features one cut edge and one safe edge to let you work in tight spaces



Cat. No.	File Length	Handled	Packaging	Product Weight	Shelf Pack Qty.
06601NN	8 in	No	Carded	0.37 lb	6
06602NN	8 in	No	Boxed	0.60 lb	12
06686NN	12 in	No	Boxed	0.90 lb	6

Magicut® Flat Files

- American pattern flat Magicut® file
- All-purpose file is ideal for machinists and removes stock rapidly for a fast and efficient application
- Rectangular shape allows you to smooth and sharpen straight surfaces
- Narrow chip breaker pattern created by steep, angled serrations helps quickly remove material and provides a smoother finish
- Slight taper in width towards the file's point creates ease of access in slots



Catalog No.	Description	File Cut	Handle	Shelf Pack Qty.
07894NN	8 in / 200 mm	Single Cut	No	12
07917NN	10 in / 250 mm	Single Cut	No	6
07941NN	12 in / 300 mm	Single Cut	No	6

Knife Files

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Used primarily by tool and diemakers who need to file acute angles
- Triangular shape is perfect for trade work and filing interior angles
- Double-cut on sides for faster material removal; single-cut on the sharp edge
- All Crescent Nicholson knife-shape files are supplied with safe backs



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
06711N	4 in / 100 mm	Bastard	No	Boxed	12
06773N	4 in / 100 mm	Smooth	No	Boxed	12
06804N	6 in / 150 mm	Bastard	No	Boxed	12
06836N	6 in / 150 mm	Second	No	Boxed	12
06867N	6 in / 150 mm	Smooth	No	Boxed	12
06898N	8 in / 200 mm	Bastard	No	Boxed	12
06930N	8 in / 200 mm	Second	No	Boxed	12
06961N	8 in / 200 mm	Smooth	No	Boxed	12
06992N	10 in / 250 mm	Bastard	No	Boxed	6
07054N	10 in / 250 mm	Smooth	No	Boxed	12
07085N	12 in / 300 mm	Bastard	No	Boxed	6

Long Angle Lathe Files

- American pattern flat long-angle lathe file
- Rapid, free-cutting files designed for lathe filing on wood or soft metals
- Rectangular shape is reliably strong and has a wide surface for faster filing
- Single-cut pattern is perfect for smoothing edges or precision work
- Safe edges designed to protect lathe and file when working close to the edges of a work piece
- Made on flat file blanks with a bastard-cut style that is coarser to the touch
- Cuts faster than regular mill files and leaves a smoother finish



Cat. No.	File Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
07835N	8 in	Fine	No	Boxed	0.30 lb	12
07842N	10 in	Fine	No	Boxed	0.50 lb	6
07851N	12 in	Fine	No	Boxed	0.93 lb	6
07863N	14 in	Fine	No	Boxed	1.40 lb	6
07657NN	10 in	Bastard	No	Boxed	0.45 lb	6
07688NN	12 in	Bastard	No	Boxed	0.80 lb	6
07719NN	14 in	Bastard	No	Boxed	1.10 lb	6

Square Files

- Used on slots, keyways and general surface filing
- Double cut for faster material removal
- Tapered slightly towards point
- Larger sizes frequently preferred to corresponding flat files due to a heavier section and four filing surfaces



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
12790	4 in / 100 mm	Bastard	No	Boxed	12
12857	4 in / 100 mm	Smooth	No	Boxed	12
12967	6 in / 150 mm	Bastard	No	Boxed	12
13033	6 in / 150 mm	Smooth	No	Boxed	12
13081	8 in / 200 mm	Bastard	No	Boxed	12
13147	8 in / 200 mm	Smooth	No	Boxed	12
T13196	10 in / 250 mm	Bastard	No	Boxed	12
13262	10 in / 250 mm	Smooth	No	Boxed	12
13310	12 in / 300 mm	Bastard	No	Boxed	6
13376	12 in / 300 mm	Smooth	No	Boxed	6
13081BC	8 in / 200 mm	Bastard	Yes	Flow Pack	12
13196BC	10 in / 250 mm	Bastard	Yes	Flow Pack	12

Mill Files

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Sharpens mill or circular saws
- Great for draw filing and finishing metals
- Rectangular shape lets you smooth and sharpen straight surfaces
- Single-cut texture on the sides and edges for applying a smooth finish
- Two square edges allow you to make grooves fixed at the same width as the file
- All sizes taper slightly in width to improve access in slots



Cat. No.	File Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
08243NN	4 in	Bastard	No	Boxed	0.03 lb	12
21825NN	6 in	Bastard	No	Carded	0.18 lb	6
08354NN	6 in	Bastard	No	Boxed	0.10 lb	12
21687HNN	6 in	Bastard	Ergonomic	Carded	0.25 lb	6
21687NN	6 in	Bastard	Yes	Carded	0.25 lb	6
21832NN	8 in	Bastard	No	Carded	0.25 lb	6
08497NN	8 in	Bastard	No	Boxed	0.25 lb	12
21694HNN	8 in	Bastard	Ergonomic	Carded	0.35 lb	6
21694NN	8 in	Bastard	Yes	Carded	0.35 lb	6
21839NN	10 in	Bastard	No	Carded	0.60 lb	6
08642NN	10 in	Bastard	No	Boxed	0.45 lb	6
21701HNN	10 in	Bastard	Ergonomic	Carded	0.60 lb	6
21701NN	10 in	Bastard	Yes	Carded	0.60 lb	6
21842NN	12 in	Bastard	No	Carded	0.72 lb	3
08737NN	12 in	Bastard	No	Boxed	0.80 lb	6
21842HNN	12 in	Bastard	Ergonomic	Boxed	0.80 lb	-
08832NN	14 in	Bastard	No	Boxed	1.10 lb	6
08385NN	6 in	Second	No	Boxed	0.10 lb	12
08529NN	8 in	Second	No	Boxed	0.25 lb	12
08673NN	10 in	Second	No	Boxed	0.45 lb	12
08768NN	12 in	Second	No	Boxed	0.80 lb	6
08306NN	4 in	Smooth	No	Boxed	0.03 lb	12
08416NN	6 in	Smooth	No	Boxed	0.10 lb	12
08560NN	8 in	Smooth	No	Boxed	0.25 lb	12
08704NN	10 in	Smooth	No	Boxed	0.45 lb	12
08799NN	12 in	Smooth	No	Boxed	0.80 lb	6
08894NN	14 in	Smooth	No	Boxed	1.10 lb	6

1 and 2 Round Edge Mill Files

- 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 one round edge



Cat. No.	File Length	File Cut	Handled	Product Weight	Shelf Pack Qty.
09179N	10 in	Bastard	No	0.45 lb	12

Axe Sharpening Files

- American pattern axe sharpening file
- Ideal file for sharpening axes and miscellaneous garden tools
- Rectangular shape has a large surface area for faster filing work
- Double-cut on one side for rough filing and single-cut on the opposite for finishing
- This file has two safe edges to work easily in restricted confines without damage



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
06706NN	8 in / 200 mm	Double / Single	No	Carded	6
06704NN	8 in / 200 mm	Double / Single	No	Boxed	12

Round Files

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Can be used to file circular openings or concave surfaces
- Single cut construction provides light removal of material and slightly smoother edges
- Slight taper in width towards the file's point creates ease of access in slots
- Round file can work in areas that a rectangular file cannot
- Safe point on round files helps reduce the risk of injury



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
11526NN	4 in / 100 mm	Bastard	No	Boxed	12
11592NNN	4 in / 100 mm	Smooth	No	Boxed	12
11716	6 in / 150 mm	Bastard	No	Boxed	12

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Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
11748NN	6 in / 150 mm	Second	No	Boxed	12
11781	6 in / 150 mm	Smooth	No	Boxed	12
11904	8 in / 200 mm	Bastard	No	Boxed	12
11936	8 in / 200 mm	Second	No	Boxed	12
11969	8 in / 200 mm	Smooth	No	Boxed	12
12019	10 in / 250 mm	Bastard	No	Boxed	12
12051	10 in / 250 mm	Second	No	Boxed	12
12084	10 in / 250 mm	Smooth	No	Boxed	12
12134	12 in / 300 mm	Bastard	No	Boxed	6
12166	12 in / 300 mm	Second	No	Boxed	6
12199	12 in / 300 mm	Smooth	No	Boxed	6
12248	14 in / 350 mm	Bastard	No	Boxed	6
12967BC	6 in / 150 mm	Smooth	Yes	Flow Pack	12
11904BC	8 in / 200 mm	Bastard	Yes	Flow Pack	12
11936BC	8 in / 200 mm	Second	Yes	Flow Pack	12
11969BC	8 in / 200 mm	Smooth	Yes	Flow Pack	12
12019BC	10 in / 250 mm	Bastard	Yes	Flow Pack	12
12051BC	10 in / 250 mm	Second	Yes	Flow Pack	12
12084BC	10 in / 250 mm	Smooth	Yes	Flow Pack	12

Warding Files

- American pattern files available in bastard and smooth cut in a variety of the most common lengths
- Used primarily by locksmiths in repairing and filing the ward notches in keys
- Thin rectangular shape lets you work on fine objects or in small areas
- Double-cut on sides and single-cut on edges for more versatile performance
- Also suited for use in narrow spaces where other files won't fit



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
16507NN	4 in / 100 mm	Bastard	No	Boxed	12
16573NN	4 in / 100 mm	Smooth	No	Boxed	12
16663NN	6 in / 150 mm	Bastard	No	Boxed	12
16729NN	6 in / 150 mm	Smooth	No	Boxed	6
16761NN	8 in / 200 mm	Bastard	No	Boxed	12
16827NN	8 in / 200 mm	Smooth	No	Boxed	12

Select the best file for your Saw.

The suggested size and type of file will give the best result.

# Saw Points	Files Recommended	# Saw Points	Files Recommended	# Saw Points	Files Recommended
4	8 in Regular	8	4 in Regular 6 in Slim 7 in Extra Slim 8 in Double Extra Slim	11	4 in Slim 5 in Extra Slim 6 in Double Extra Slim
5	7 in Regular 10 in Slim	9	5 in Slim 6 in Extra Slim 7 in Double Extra Slim	12	5 in Extra Slim
5 1/2	7 in Regular 10 in Slim	10	5 in Slim 5 in or 6 in Extra Slim	13, 14	4 in Slim 5 in Extra Slim
6	5 in or 6 in Regular 7 in or 8 in Slim			15, 16	4 in Double Extra Slim
7	6 in or 7 in Slim				

Round Chain Saw Files

- American pattern file with knurl cut
- Tighten tension on chain to firmly support cutters when filing
- Place file against beveled cutting surface of teeth 20° to 45° with saw
- File from inside to outside of cutter
- Sharpen all left-hand cutters on one side of chain and 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 .020 in to .030 in
- Follow the manufacturer's specifications for safe usage



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
02144N	6 in / 150 mm	1/8 in / 320 mm	No	Boxed	6
01606N	6 in / 150 mm	9/64 in / 360 mm	No	Boxed	6
01611N	6 in / 150 mm	5/32 in / 400 mm	No	Boxed	6
02228B	8 in / 200 mm	5/32 in / 400 mm	No	Bagged	4
02229B	8 in / 200 mm	3/16 in / 480 mm	No	Bagged	4
01798N	8 in / 200 mm	13/64 in / 520 mm	No	Boxed	3
02230B	8 in / 200 mm	7/32 in / 560 mm	No	Bagged	4
02147N	8 in / 200 mm	1/4 in / 640 mm	No	Boxed	1

Depth Gauge Chain Saw File

- American pattern depth gauge chain saw file
- Rectangular shape
- Single cut, safe edges
- Used for filing and maintaining proper depth gauge clearance



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

Taper Files

- American pattern taper file
- Expertly made to effectively file saws with 60° angle teeth
- Triangular shape makes accessing tight internal angles and squaring corners easy
- Single cut construction is ideal for sharpening tools, finish filing, and draw filing
- Edges set and cut for filing gullets between saw teeth
- Tapers slightly towards the point
- Select the right file when filing handsaws for long-lasting performance



Catalog No.	Description	Style	File Cut	Handle	Packaging	Shelf Pack Qty.
13727MN	4 in / 100 mm	Regular	Single	No	Boxed	12
14106MN	4 in / 100 mm	Slim	Single	No	Boxed	12
14547MN	4 in / 100 mm	Extra Slim	Single	No	Boxed	12
14942MN	4 in / 100 mm	Double Extra Slim	Single	No	Boxed	12
13772MN	5 in / 125 mm	Regular	Single	No	Boxed	12
14162MN	5 in / 125 mm	Slim	Single	No	Boxed	12
14599MN	5 in / 125 mm	Extra Slim	Single	No	Boxed	12
14992MN	6 in / 150 mm	Double Extra Slim	Single	No	Boxed	12
13807MN	6 in / 150 mm	Regular	Single	No	Boxed	12
14224MN	6 in / 150 mm	Slim	Single	No	Boxed	12
14665MN	6 in / 150 mm	Extra Slim	Single	No	Boxed	12
15024NN	6 in / 150 mm	Double Extra Slim	Single	No	Boxed	12
23050N	7 in / 175 mm	Regular	Single	No	Boxed	12
14255MN	7 in / 175 mm	Slim	Single	No	Boxed	12
15056NN	7 in / 175 mm	Double Extra Slim	Single	No	Boxed	12
13875MN	8 in / 200 mm	Regular	Single	No	Boxed	12
14290MN	8 in / 200 mm	Slim	Single	No	Boxed	12
14729NN	8 in / 200 mm	Extra Slim	Single	No	Boxed	12
14341NNN	10 in / 250 mm	Slim	Single	No	Boxed	12
21729NN	6 in / 150 mm	Slim	Single	Yes	Carded	6
21736NN	6 in / 150 mm	Extra Slim	Single	Yes	Carded	6
21743NN	6 in / 150 mm	Double Extra Slim	Single	Yes	Carded	6
21729HNN	6 in / 150 mm	Slim	Single	Yes (Ergonomic)	Carded	6

Tungsten Point Files

- American pattern file with tungsten-tipped teeth
- Ideal for dressing distributor points that are tipped with tungsten or iridium
- Thin rectangular shape fits into restricted areas without compromising on strength
- Double-cut pattern is perfect for rougher work or removing material quickly
- Chisel-shaped teeth enter slots or gaps easily
- Handle-shaped tang can fit into larger cushioned handles or be a handle by itself



Cat. No.	File Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
02375NN	5.25 in	Double	No	Carded	0.03 lb	6
02373NN	5.25 in	Double	No	Boxed	0.05 lb	12

Three Square Files

- American pattern triangle file available in bastard and smooth cut styles
- Double-cut pattern is perfect for rougher work or removing material quickly
- For use by machinists for filing internal angles
- Filing taps and gutters
- More acute than right angles, clearing out square corners
- Sharp corners are slightly set and cut
- Cut to the point



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
15925NNN	6 in / 150 mm	Bastard	No	Boxed	12
15991NNN	6 in / 150 mm	Smooth	No	Boxed	12
16036NNN	8 in / 200 mm	Bastard	No	Boxed	12
16102NNN	8 in / 200 mm	Smooth	No	Boxed	12
16147NNN	10 in / 250 mm	Bastard	No	Boxed	12

Coarse Half Round Wood File

- American pattern wood file
- Half round shape for use on concave, convex, and flat surfaces
- Used primarily in woodworking
- Specially coarse teeth for use on wood
- Made in same section and size as half round file



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

Pattern Maker's Cabinet Rasps

- American pattern rasp
- Used primarily by cabinetmakers and other woodworking trade professionals
- Versatile half-round shape lets you work on a variety of projects
- Narrow-pattern cut edges let you file material in narrow, restricted areas
- Used when a smooth wood finish is required
- Tanged design integrates with any Crescent Nicholson adjustable handle



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
18846N	10 in / 250 mm	Second	No	Boxed	6
18861N	10 in / 250 mm	Smooth	No	Boxed	6

AMERICAN
PATTERN RASPS

Cabinet Rasps

- American pattern rasp
- Used by cabinetmakers and woodworkers
- Half-round shape for use on concave, convex, and flat surfaces
- Single cut on edges for applying a smooth finish
- Curved side of rasps similar to half-round rasps but has larger radius
- Tanged design integrates with any Crescent Nicholson adjustable handle



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
17615N	8 in / 200 mm	Regular Second	No	Boxed	12
17683N	10 in / 250 mm	Regular Second	No	Boxed	6
17751N	12 in / 300 mm	Regular Second	No	Boxed	6
17615BC	8 in / 200 mm	Regular Second	Yes	Flow Pack	12
17683BC	10 in / 250 mm	Regular Second	Yes	Flow Pack	12

Wood Rasps

- American pattern rasp with a bastard cut
- Used by woodworkers, hobbyists and plumbers
- Ideal for use removing stock from wood or soft metal materials
- Used in places for which their shapes make them particularly effective
- Tanged design integrates with any Crescent Nicholson adjustable handle



Catalog No.	Description	File Shape	File Cut	Handle	Packaging	Shelf Pack Qty.
19394N	8 in / 200 mm	Half Round	Bastard	No	Boxed	12

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Catalog No.	Description	File Shape	File Cut	Handle	Packaging	Shelf Pack Qty.
19136N	10 in / 250 mm	Flat	Bastard	No	Boxed	6
19427N	10 in / 250 mm	Half Round	Bastard	No	Boxed	6
19875	10 in / 250 mm	Round	Bastard	No	Boxed	12
19460N	12 in / 300 mm	Half Round	Bastard	No	Boxed	6
19493N	14 in / 350 mm	Half Round	Bastard	No	Boxed	6

4-in-1 Hand Rasps

- 4-in-1 combination file and wood rasp
- Includes two types of rasps and two files
- Half-round wood rasp for enlarging round surfaces
- Flat wood rasp for rapid stock removal
- Both half-round and flat files for smoothing curved surfaces
- Precision engineered to provide maximum material removal per stroke and long product life
- Machine milled for precise material removal
- Reduces the number of files needed on a job



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
18924NNN	8 in / 200 mm	Rasp / Single / Double	No	Boxed	6

3 Pc. 4-in-1 Combination Chisel and Wood Rasp Set

- Half round wood rasp for enlarging round surfaces
- Flat wood rasp for rapid stock removal
- Edge teeth for removal of materials in confined areas
- High quality steel chisel for cutting and scraping
- Co-molded handle for comfort and grip
- Striking cap



Cat. No.	Included Storage	Product Weight
WCSET3CMNNN	None	1.8 lb

Cat. No.	Description
-	1/2" Wood Chuck Combination Chisel and Wood Rasp
-	3/4" Wood Chuck Combination Chisel and Wood Rasp
-	1" Wood Chuck Combination Chisel and Wood Rasp

Farrier's Handy Rasp

- Farrier's American pattern rasp
- Rectangular shape
- Single cut on edges
- Comfortable cushion grip at point and handle
- Rasp teeth on one side, file teeth on other
- Has 6 teeth per row vs. 5 teeth per row on standard horse rasps



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

Magicut® Plater's Special Horse Rasp

- American pattern rasp
- Maximum cutting surface design gives rapid removal and smoother finish
- Single cut on edges for applying a smooth finish
- Opposite side has the unique Crescent Nicholson Magicut® file pattern
- Narrow chip breakers created by steep angled serrations reduce clogging
- Rectangular shape lets you smooth and sharpen straight surfaces
- Faster cutting than conventional horse rasps
- Has 6 teeth per row vs. 5 teeth per row on standard horse rasps
- Tanged design integrates with any Crescent Nicholson adjustable handle



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
18130N	14 in / 350 mm	Rasp/Magicut®	No	Boxed	6

Horse Rasp

- American pattern rasp
- Rectangular shape provides maximum surface area for faster filing
- Single cut on edges for applying a smooth finish
- Tanged design integrates with any Crescent Nicholson adjustable handle
- Features rasp teeth down one side and file teeth down the other side
- Heavy-duty design is thicker than Plater's Special and is ideal for hot rasping



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
18057N	14 in / 350 mm	Rasp/Double	No	Boxed	6

Horse Rasps with Plain 1/2 File

- American pattern rasp and plain 1/2 file on opposite ends of the same tool
- Designed for shoeing racehorses, riding horses, and ponies
- Double-ended with rasp teeth on one side and file teeth on the other
- Teeth on both sides of the body for variable use
- Rectangular shape is easy to transport and provides maximum filing surface



Catalog No.	Description	File Cut	Handle	Packaging	Shelf Pack Qty.
17873N	12 in / 300 mm	Rasp Punch/Coarse	No	Boxed	6
17903N	14 in / 350 mm	Rasp Punch/Coarse	No	Boxed	6

Milled Tooth Bodifiles

- A flexible milled tooth body file with a curved-tooth pattern and no tang
- For smooth, rapid work on cast iron, bronze, lead, babbitt, or aluminum
- A good choice for filing down zinc or plastic stock
- Cuts any steel up to the hardness of annealed tool steel
- Rectangular file for maximum material removal
- Curved-cut pattern that leaves a smooth finish in even hard metals
- Pitch and rake designed to avoid pinning or binding even during heavy use
- 8 teeth per inch; cut: 50-90B standard



Catalog No.	Description	Teeth per Inch	File Cut	Handle	Packaging	Shelf Pack Qty.
20189N	14 in / 350 mm	8	50-90B Standard	No	Boxed	6

6 Pc. Hobby File Set

- 5-1/2" Swiss pattern files
- Selection of six miniature files with a fine cut for intricate work
- One each of equaling, half round, flat, round, three square, square files
- Ideal for handicrafts and hobbies
- Double-cut teeth for rapid removal of material
- Includes pouch for storage and organization



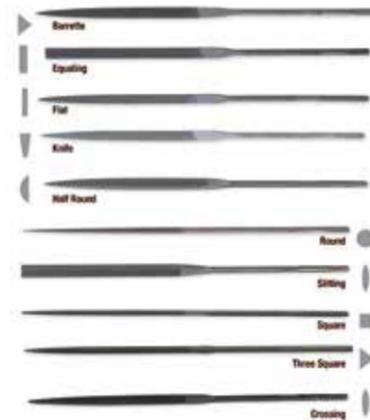
Cat. No.	Included Storage	Product Weight
42030L	Pouch	0.010 lb



Cat. No.	Description	Cat. No.	Description
-	5-1/2" Fine Cut Equaling File	-	5-1/2" Fine Cut Round File
-	5-1/2" Fine Cut Half Round File	-	5-1/2" Fine Cut Three Square File
-	5-1/2" Fine Cut Flat File	-	5-1/2" Fine Cut Square File

X.F.® Swiss Pattern Needle File Assortment Sets

- Swiss pattern files, made to more exacting measurements than American pattern files
- Used primarily by jewelers, diemakers, watchmakers, fine toolmakers, and other trades professionals
- Knurled handles give you an easy and secure grip on the files
- Excellent for precise and intricate work
- Assortment of 12 file shapes with different cuts
- Assortment also includes files for smoothing joints or making markings
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
37029	Pouch	0.10 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	4" 0 Cut Half Round File
-	Marking File	-	4" 0 Cut Round File
-	4" 0 Cut Barrette File	-	4" 0 Cut Slitting File
-	4" 0 Cut Equaling File	-	4" 0 Cut Square File
-	4" 0 Cut Flat File	-	4" 0 Cut Three Square File
-	4" 0 Cut Knife File	-	4" 0 Cut Crossing File

Cat. No.	Included Storage	Product Weight
37392	Pouch	0.20 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	5-1/2" 0 Cut Half Round File
-	Marking File	-	5-1/2" 0 Cut Round File
-	5-1/2" 0 Cut Barrette File	-	5-1/2" 0 Cut Slitting File
-	5-1/2" 0 Cut Equaling File	-	5-1/2" 0 Cut Square File
-	5-1/2" 0 Cut Flat File	-	5-1/2" 0 Cut Three Square File
-	5-1/2" 0 Cut Knife File	-	5-1/2" 0 Cut Crossing File

Cat. No.	Included Storage	Product Weight
37398	Pouch	0.20 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	5-1/2" 2 Cut Half Round File
-	Marking File	-	5-1/2" 2 Cut Round File
-	5-1/2" 2 Cut Barrette File	-	5-1/2" 2 Cut Slitting File
-	5-1/2" 2 Cut Equaling File	-	5-1/2" 2 Cut Square File
-	5-1/2" 2 Cut Flat File	-	5-1/2" 2 Cut Three Square File
-	5-1/2" 2 Cut Knife File	-	5-1/2" 2 Cut Crossing File

Cat. No.	Included Storage	Product Weight
37404	Pouch	0.20 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	5-1/2" 4 Cut Half Round File
-	Marking File	-	5-1/2" 4 Cut Round File

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Cat. No.	Description	Cat. No.	Description
-	5-1/2" 4 Cut Barrette File	-	5-1/2" 4 Cut Slitting File
-	5-1/2" 4 Cut Equaling File	-	5-1/2" 4 Cut Square File
-	5-1/2" 4 Cut Flat File	-	5-1/2" 4 Cut Three Square File
-	5-1/2" 4 Cut Knife File	-	5-1/2" 4 Cut Crossing File

Cat. No.	Included Storage	Product Weight
37767	Pouch	0.25 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	6-1/4" 4 Cut Half Round File
-	Marking File	-	6-1/4" 4 Cut Round File
-	6-1/4" 4 Cut Barrette File	-	6-1/4" 4 Cut Slitting File
-	6-1/4" 4 Cut Equaling File	-	6-1/4" 4 Cut Square File
-	6-1/4" 4 Cut Flat File	-	6-1/4" 4 Cut Three Square File
-	6-1/4" 4 Cut Knife File	-	6-1/4" 4 Cut Crossing File

Cat. No.	Included Storage	Product Weight
T37035	Pouch	0.13 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	4" 2 Cut Half Round File
-	Marking File	-	4" 2 Cut Round File
-	4" 2 Cut Barrette File	-	4" 2 Cut Slitting File
-	4" 2 Cut Equaling File	-	4" 2 Cut Square File
-	4" 2 Cut Flat File	-	4" 2 Cut Three Square File
-	4" 2 Cut Knife File	-	4" 2 Cut Crossing File

Cat. No.	Included Storage	Product Weight
T37755	Pouch	0.25 lb

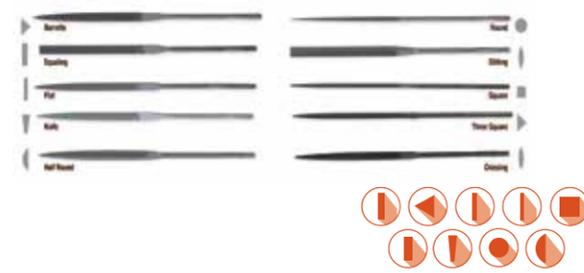
Cat. No.	Description	Cat. No.	Description
-	Joint File	-	6-1/4" 0 Cut Half Round File
-	Marking File	-	6-1/4" 0 Cut Round File
-	6-1/4" 0 Cut Barrette File	-	6-1/4" 0 Cut Slitting File
-	6-1/4" 0 Cut Equaling File	-	6-1/4" 0 Cut Square File
-	6-1/4" 0 Cut Flat File	-	6-1/4" 0 Cut Three Square File
-	6-1/4" 0 Cut Knife File	-	6-1/4" 0 Cut Crossing File

Cat. No.	Included Storage	Product Weight
T37761	Pouch	0.25 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	6-1/4" 2 Cut Half Round File
-	Marking File	-	6-1/4" 2 Cut Round File
-	6-1/4" 2 Cut Barrette File	-	6-1/4" 2 Cut Slitting File
-	6-1/4" 2 Cut Equaling File	-	6-1/4" 2 Cut Square File
-	6-1/4" 2 Cut Flat File	-	6-1/4" 2 Cut Three Square File
-	6-1/4" 2 Cut Knife File	-	6-1/4" 2 Cut Crossing File

Needle Files

- Swiss pattern files, made to more exacting measurements than American pattern files
- Used primarily by jewelers, diemakers, watchmakers, and other fine toolmakers
- Knurled handle for a better grip in hand or in a handle
- Excellent for precise and intricate work



Cat. No.	File Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
T37277	4 in	Barrette	0	No	Boxed	0.01 lb	12
37640	5.5 in	Barrette	0	No	Boxed	0.01 lb	12
37752	5.5 in	Barrette	0	No	Boxed	0.01 lb	12
T38003	6.25 in	Barrette	0	No	Boxed	0.02 lb	12
T38115	6.25 in	Barrette	0	No	Boxed	0.02 lb	12
T37647	5.5 in	Barrette	2	No	Boxed	0.01 lb	12
T38010	6.25 in	Barrette	2	No	Boxed	0.02 lb	12
37500	5.5 in	Crossing	0	No	Boxed	0.01 lb	12
37863	6.25 in	Crossing	0	No	Boxed	0.02 lb	12
T37870	6.25 in	Crossing	2	No	Boxed	0.03 lb	12
37612	5.5 in	Equaling	0	No	Boxed	0.01 lb	12
T37249	4 in	Equaling	0	No	Boxed	0.01 lb	12
T37975	6.25 in	Equaling	0	No	Boxed	0.02 lb	12
37256	4 in	Equaling	2	No	Boxed	0.01 lb	12
37619	5.5 in	Equaling	2	No	Boxed	0.01 lb	12
T37982	6.25 in	Equaling	2	No	Boxed	0.02 lb	12
T37626	5.5 in	Equaling	4	No	Boxed	0.01 lb	12
T37989	6.25 in	Equaling	4	No	Boxed	0.02 lb	12
T37996	6.25 in	Equaling	6	No	Boxed	0.02 lb	12
T37109	4 in	Flat	0	No	Boxed	0.02 lb	12
T37472	5.5 in	Flat	0	No	Boxed	0.01 lb	12
T37835	6.25 in	Flat	0	No	Boxed	0.02 lb	12
37116	4 in	Flat	2	No	Boxed	0.02 lb	12
37842	6.25 in	Flat	2	No	Boxed	0.02 lb	12
T37479	5.5 in	Flat	2	No	Boxed	0.01 lb	12
37486	5.5 in	Flat	4	No	Boxed	0.01 lb	12
37849	6.25 in	Flat	4	No	Boxed	0.02 lb	12
37081	4 in	Half Round	0	No	Boxed	0.10 lb	12
T37444	5.5 in	Half Round	0	No	Boxed	0.01 lb	12
T37807	6.25 in	Half Round	0	No	Boxed	0.02 lb	12
T37088	4 in	Half Round	2	No	Boxed	0.02 lb	12
T37451	5.5 in	Half Round	2	No	Boxed	0.02 lb	12
T37814	6.25 in	Half Round	2	No	Boxed	0.02 lb	12
T37458	5.5 in	Half Round	4	No	Boxed	0.01 lb	12
T37821	6.25 in	Half Round	4	No	Boxed	0.02 lb	12
37828	6.25 in	Half Round	6	No	Boxed	0.02 lb	12
37891	6.25 in	Knife	0	No	Boxed	0.02 lb	12
T37165	4 in	Knife	0	No	Boxed	0.01 lb	12

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Cat. No.	File Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
37898	6.25 in	Knife	2	No	Boxed	0.02 lb	12
T37172	4 in	Knife	2	No	Boxed	0.01 lb	12
37416	5.5 in	Round	0	No	Boxed	0.01 lb	12
37779	6.25 in	Round	0	No	Boxed	0.01 lb	12
T37053	4 in	Round	0	No	Boxed	0.02 lb	12
37060	4 in	Round	2	No	Boxed	0.02 lb	12
T37423	5.5 in	Round	2	No	Boxed	0.01 lb	12
T37786	6.25 in	Round	2	No	Boxed	0.02 lb	12
37430	5.5 in	Round	4	No	Boxed	0.01 lb	12
37793	6.25 in	Round	4	No	Boxed	0.02 lb	12
T37800	6.25 in	Round	6	No	Boxed	0.02 lb	12
38059	6.25 in	Slitting	0	No	Boxed	0.02 lb	12
T37703	5.5 in	Slitting	2	No	Boxed	0.02 lb	12
T37193	4 in	Square	0	No	Boxed	0.01 lb	12
T37556	5.5 in	Square	0	No	Boxed	0.01 lb	12
T37919	6.25 in	Square	0	No	Boxed	0.02 lb	12
37200	4 in	Square	2	No	Boxed	0.01 lb	12
37926	6.25 in	Square	2	No	Boxed	0.02 lb	12
T37563	5.5 in	Square	2	No	Boxed	0.01 lb	12
37947	6.25 in	Three Square	0	No	Boxed	0.02 lb	12
T37221	4 in	Three Square	0	No	Boxed	0.01 lb	12
T37584	5.5 in	Three Square	0	No	Boxed	0.01 lb	12
37228	4 in	Three Square	2	No	Boxed	0.01 lb	12
37591	5.5 in	Three Square	2	No	Boxed	0.01 lb	12
T37954	6.25 in	Three Square	2	No	Boxed	0.02 lb	12
T37598	5.5 in	Three Square	4	No	Boxed	0.02 lb	12
T37961	6.25 in	Three Square	4	No	Boxed	0.02 lb	12

Silversmith's Rifflers

- 7-1/2" silversmith's riffler
- Made to more exacting measurements than American pattern files
- Made in approximately 7 1/8"/180mm lengths only
- Most often used for deburring, wood working, and sculpting
- Ideal for fine work



Cat. No.	File Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
41018	7.5 in	3	2	No	Boxed	0.07 lb	12
T41096	7.5 in	10	0	No	Boxed	0.05 lb	12
41102	7.5 in	10	2	No	Boxed	0.06 lb	12

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" length
- Each riffler identified by number



Cat. No.	File Length	File Shape	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
36018N	6.5 in	Knife	5	2	No	Boxed	0.02 lb	12
T35976	6.5 in	Round	1	0	No	Boxed	0.02 lb	12
T35982	6.5 in	Round	1	2	No	Boxed	0.02 lb	12
T36054	6.5 in	Half Round	7	2	No	Boxed	0.02 lb	12

Pillar Files

- Made to more exacting measurements than American pattern files
- Rectangular shape
- Double cut on two sides only
- Safe edges
- Tapered in thickness



Cat. No.	File Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
39855N	4 in	Regular	00	No	Boxed	0.04 lb	12
39861N	4 in	Regular	0	No	Boxed	0.04 lb	12
39873N	4 in	Regular	2	No	Boxed	0.04 lb	12
39881N	4 in	Regular	4	No	Boxed	0.04 lb	12
39893N	6 in	Regular	00	No	Boxed	0.10 lb	12
39899N	6 in	Regular	0	No	Boxed	0.10 lb	12
39905N	6 in	Regular	1	No	Boxed	0.10 lb	12
39911N	6 in	Regular	2	No	Boxed	0.10 lb	12
39923N	6 in	Regular	4	No	Boxed	0.10 lb	12
39929N	6 in	Regular	00	No	Boxed	0.23 lb	12
39935N	8 in	Regular	0	No	Boxed	0.23 lb	12
39947N	8 in	Regular	2	No	Boxed	0.23 lb	12
39965N	10 in	Regular	00	No	Boxed	0.45 lb	6
39971N	10 in	Regular	0	No	Boxed	0.45 lb	6
39992N	12 in	Regular	00	No	Boxed	0.74 lb	6
40076N	6 in	Narrow	0	No	Boxed	0.08 lb	12
40082N	6 in	Narrow	1	No	Boxed	0.08 lb	12
40088N	6 in	Narrow	2	No	Boxed	0.08 lb	12
40222N	4 in	Extra Narrow	2	No	Boxed	0.02 lb	12

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Cat. No.	File Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
40242N	6 in	Extra Narrow	00	No	Boxed	0.05 lb	12
40248N	6 in	Extra Narrow	0	No	Boxed	0.05 lb	12
40254N	6 in	Extra Narrow	1	No	Boxed	0.05 lb	12
40260N	6 in	Extra Narrow	2	No	Boxed	0.05 lb	12
40281N	8 in	Extra Narrow	00	No	Boxed	0.11 lb	12
40287N	8 in	Extra Narrow	0	No	Boxed	0.11 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.	File Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
36219N	4 in	0	No	Boxed	0.05 lb	12
36227N	4 in	2	No	Boxed	0.05 lb	12
36253N	6 in	2	No	Boxed	0.10 lb	12
36281N	8 in	2	No	Boxed	0.25 lb	12

Warding Files

- Made to more exacting measurements than American pattern files
- Used by locksmiths and anywhere a thin file is required
- Width tapers slightly to point
- Thin rectangular shape with a 1:8 thickness-to-width ratio
- Made in much finer cuts, which vary from No. 0 [coarse] to No. 2 [less coarse]



Cat. No.	File Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
41612N	6 in	0	No	Boxed	0.10 lb	12
41618N	6 in	2	No	Boxed	0.10 lb	12
41636N	8 in	0	No	Boxed	0.15 lb	12

Barrette Files

- Made to more exacting measurements than American pattern files
- Used by tool and die makers, jewelers, model makers and home craftsman
- Recommended for those who do superfine precision filing
- Double cut, wide flat sides
- Flat on one side, backs are beveled on edges as indicated by cross section
- Back and beveled edges are safe
- 33° angle



Cat. No.	File Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
35025N	4 in	00	No	Boxed	0.05 lb	12
35031N	4 in	0	No	Boxed	0.05 lb	12
35061N	6 in	0	No	Boxed	0.10 lb	12
35073N	6 in	2	No	Boxed	0.10 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
- Tapered 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.	File Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
36521N	6 in	0	No	Boxed	0.10 lb	12
36527N	6 in	1	No	Boxed	0.10 lb	12
36533N	6 in	2	No	Boxed	0.10 lb	12
36539N	6 in	3	No	Boxed	0.10 lb	12
36545N	6 in	4	No	Boxed	0.10 lb	12
36557N	8 in	00	No	Boxed	0.20 lb	12
36563N	8 in	0	No	Boxed	0.20 lb	12
36569N	8 in	1	No	Boxed	0.20 lb	12

SWISS
PATTERN FILES

Hot Die Barrette Files

- X.F.® 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 and home craftsman
- Recommended for superfine precision filing
- Double cut, wide flat sides
- Flat on one side; backs are beveled on edges as indicated by cross-section
- Back and beveled edges are safe
- 33° angle
- Approximate point thickness is .040"/1.10mm
- Thinner point than standard Barrette files



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

Round Files

- Made to more exacting measurements than American pattern files
- Round shape
- Double cut
- Tapers throughout length to fine point
- Made in much finer cuts, which vary from No. 00 [coarsest] to No. 4 [finest]



Cat. No.	File Length	Diameter	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
40580N	4 in	1/8 in	0	No	Boxed	0.01 lb	12
40645N	6 in	3/16 in	00	No	Boxed	0.04 lb	12
40651N	6 in	3/16 in	0	No	Boxed	0.04 lb	12
40663N	6 in	3/16 in	2	No	Boxed	0.04 lb	12
40687N	8 in	1/4 in	00	No	Boxed	0.08 lb	12
40699N	8 in	1/4 in	1	No	Boxed	0.08 lb	12
40705N	8 in	1/4 in	2	No	Boxed	0.08 lb	12
40717N	8 in	1/4 in	4	No	Boxed	0.08 lb	12

Pippin File

- X.F.® files, Swiss pattern Pippin file, cut no. 2
- Made to more exacting measurements than American pattern files
- Rounded back tapers to sharp edge
- Tapers to point in both width and thickness
- Sometimes called "appleseed" files



Cat. No.	File Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
TT40506	6 in	2	No	Boxed	0.08 lb	12

SWISS
PATTERN FILES

4 Pc. Thread Restoring File Set

- Ideal for restoring damaged or worn external threads on bolts and pipes
- Thread restoring files can be used with 8 different thread sizes, allowing you to find a true fit effortlessly
- 4-piece set offers 4 convenient file sizes for quick and effective application
- Color caps on tubes help identify the file type, so you can select the tool you need with ease
- Type 1 black cap: regular bolt; 11, 12, 13, 14, 16, 18, 20, 24 TPI
- Type 2 red cap: extra-fine/extra-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
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
T33024	Pouch	1.60 lb

Cat. No.	Description	Cat. No.	Description
T33001	No. 1 Regular Bolt Thread Restoring File	-	No. 7 Regular Pipe Restoring File
T33007	No. 2 Extra Fine/Extra Coarse Thread Restoring File	T33016	No. 8 Metric Bolt Thread Restoring File

Thread Restoring Files

- Used to restore damaged or worn external threads on bolts, pipes, etc.
- Each thread restoring file will work with 8 different thread sizes
- Color caps on tubes
- Excellent for bolt, thread, and pipe repairs



Cat. No.	File Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
T33001	8.44 in	1	Regular Bolt	No	Bagged	0.40 lb	16
T33007	8.44 in	2	Ex Fine/Ex Coarse Bolt	No	Bagged	0.40 lb	16
T33016	8.44 in	8	Metric Bolt	No	Bagged	0.35 lb	12

Milled Tooth Bodifiles

- A flexible milled tooth body file with a curved-tooth pattern and no tang
- For smooth, rapid work on cast iron, bronze, lead, babbitt, or aluminum
- A good choice for filing down zinc or plastic stock
- Cuts any steel up to the hardness of annealed tool steel
- Rectangular file for maximum material removal
- Curved-cut pattern that leaves a smooth finish in even hard metals
- Pitch and rake designed to avoid pinning or binding even during heavy use
- 8 teeth per inch; cut: 50-908 standard



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

File Cleaners

- Perfect for general cleaning of file teeth
- Helps remove fillings, dirt, rust, burrs, corrosion, and most buildups of foreign material on metal
- File card and brush unclog teeth on finer cut files, allowing the abrasive to cut properly each time
- Wood base construction offers durability and ease of grip, so you can work confidently over time
- Cleaning files helps with long lasting performance



Cat. No.	File Length	Description	Handled	Packaging	Product Weight	Shelf Pack Qty.
T21455	8 in	8" File Cleaner	Yes	Carded	0.14 lb	6
21458	10 in	10" File Card	Yes	Boxed	0.30 lb	10
21467	10 in	10" File Card and Brush	Yes	Boxed	0.30 lb	6

Select the Corresponding Handle for your File

File Type	4 in / 100 mm	5 in / 100 mm	6 in / 100 mm	8 in / 100 mm	10 in / 100 mm	12 in / 100 mm	14 in / 100 mm	16 in / 100 mm
Mill File	PH3		PH4	PH5	PH5	PH6	PH7	-
Flat File	PH3		PH4	PH5	PH5	PH6	PH7	-
Hand File	-	-	PH4	PH5	PH6	PH7	-	-
Half Round File	PH3	-	PH4	PH5	PH6	PH7	PH8	PH8
Warding File	PH3	-	PH4	PH4	-	-	-	-
Knife File	PH3	-	PH4	PH5	PH5	PH6	-	-
Round File	PH1	-	PH3	PH4	PH4	PH5	PH7	-
Square File	PH1	PH2	PH3	PH4	PH4	PH5	PH6	-
Taper File	PH1	PH2	PH3	PH4	PH5	-	-	-
Horse Rasp	-	-	-	-	-	-	PH8	-
Horse Rasp with Plain ½ File	-	-	-	-	-	PH8	PH8	-
Magicut Plater's Special Horse Rasp	-	-	-	-	-	-	PH8	-

Plastic Screw-on Handles

- Screw-on design fits most popular files
- For professionals or DIYers
- Handle made of strong high-impact material
- Contoured to fit hand for straight, lathe, and draw filing
- Non-slip textured finish for better grip



Catalog No.	Description	Handle	Packaging	Shelf Pack Qty.
T21484	3.5 in / 90 mm	PH1	Carded	12
21493	3.75 in / 95 mm	PH2	Carded	12
T21502	3.75 in / 95 mm	PH3	Carded	12
21512	4.125 in / 105 mm	PH4	Carded	12
21513	4.125 in / 105 mm	PH5	Carded	12
21514	4.75 in / 120 mm	PH6	Carded	12
21515	5 in / 130 mm	PH7	Carded	12
21516	5 in / 130 mm	PH8	Carded	12

Ergonomic File Handle

- Comes with two interchangeable cushion inserts
- Designed to fit most popular files
- Sleek black design
- Rubber-coated, ergonomic grip shaped for better comfort and control
- Rear taper, wide middle, and flared neck increases push force



Catalog No.	Description	Packaging	Shelf Pack Qty.
21474H	4.5 in / 115 mm	Carded	6

Universal Handle

- Handle holds files, reamers, hacksaw blades, and other tools, allowing you to work with a full line of instruments
- Adjustable, steel jaws clamp to the entire length of the tang for a powerful hold in tough working environments
- Large, quick adjusting knob offers fast tool changes, so you can swap files with ease
- Co-molded grip provides comfort and control and the longer, wider handle fits perfectly in your hand for more maneuverability
- Note that this product includes only a handle, and not a filing surface



Cat. No.	Overall Length	Packaging	Product Weight	Shelf Pack Qty.
21474U	5 in	Carded	0.30 lb	3

Metal Ferruled Wooden Handles

- Made from close grain hardwood with wax finish
- Handles have strong nickel-plated metal ferrules
- A selection of handles to fit most popular files
- Non-slip wax finish for better grip
- For professionals or DIYers



Cat. No.	Overall Length	Handle No.	Packaging	Product Weight	Shelf Pack Qty.
21470N	5.75 in	000	Boxed	0.20 lb	12
21471N	5.75 in	00	Boxed	0.19 lb	12
21528N	5.25 in	0	Carded	0.20 lb	6
21476N	5.25 in	0	Boxed	0.10 lb	12
21526N	4.875 in	1	Carded	0.30 lb	6
21485N	4.875 in	1	Boxed	0.11 lb	12
21524N	4.5 in	2	Carded	0.12 lb	6
21494N	4.5 in	2	Boxed	0.10 lb	12
21522N	4.125 in	3	Carded	0.09 lb	6
21503N	4.125 in	3	Boxed	0.08 lb	12
21520N	3.75 in	4	Carded	0.10 lb	6
21511N	3.75 in	4	Boxed	0.05 lb	12
TG4N	5 in	RASP	Boxed	0.15 lb	12



Trusted by the Trades.