

WORKSHOP 

For those who are
PASSIONATE
about their workshop

FILES

RN®

CHOOSING THE RIGHT FILE

1 Profile

The profile of your file should be the first consideration in tool selection. Choose a profile that best matches your application.



- Flat:** Multi-purpose use on flat and curved external surfaces. Designed for smoothing, removing burrs & sharp edges.
- Square:** For filing slots, keyways, splines and the inside corners of rectangular or square holes.
- Round:** For filing & enlarging holes, circular or rounded grooves.
- Half-round:** For multi-purpose use on concave surfaces & crevices & the rounding out of holes. Can also be used on the flat face.
- Triangular:** Used for sharpening saw teeth & internal corners.

2 Length

Desired stroke length will determine the length of the file. This is measured exclusive of the tang, from point to heel.

3 Cut

These cuts are selected according to the material of the workpiece, the desired removal of material and the surface finish.

- Single Cut:** Single cut files (mostly all saw files are single cut) are used for sharpening and edging applications.
- Double Cut:** Need less effort for filing & also gives a good surface finish.
- Rasp Cut:** Special cut formation for rapid stock removal from surface of softer materials like wood or leather.

4 Coarseness



- Bastard Cut:** Coarse finish. For stock removal.
- Second Cut:** Medium - coarse finish. For moderate stock removal.
- Smooth Cut:** Fine finish. For smooth surface finish.

How to use a file correctly

There are three methods to use a file:

- Straight filing:** Pushing the file lengthwise-straight ahead or slightly diagonally-across the workpiece.
- Draw filing:** Holding the file at each end, pushing and drawing it across the workpiece.
- Lathe filing:** Holding the file against workpiece in a lathe.

Holding the file

Single Handed Operation:

Hold with the handle resting in your palm with your forefinger at the top of the handle pointing to the tip.

Two Handed Operation:

Hold with the handle resting in your palm with your thumb at the top of the handle pointing to the tip. Grip the point of the file in the other hand between the thumb and the first two fingers with the thumb being on the top of the file.

Helpful Hints

- Hold the workpiece in a vice at a suitable height to apply adequate pressure.
- To prevent damage to workpiece, use protectors between the workpiece and vice jaws.
- When heavy pressure is required, hold file at tip with thumb pointing forward in line with the file. For lighter pressure, place thumb at right angles to file.
- File on forward stroke only, lifting on back stroke to prevent damaging the file.

Care of the file

- A new file should be used with light pressure in the beginning, preferably on a surface which has been filed earlier.
- Keep file stored away from any water or grease.
- Retain the file packaging, or wrap the file in a cloth for protection.
- Use a wire brush to clean the file teeth.
- Do not use oil on the file.

FILE SELECTOR

1 Edge Round Mill File	For sharpening saws and other tools that require a fine finish. The round edge also allows the filing of saw gullets.
2 Edge Square Mill File	For sharpening saws and other tools that require a fine finish.
3 Edge Square Mill File	For sharpening saws and other tools that require a fine finish.
Cabinet Rasp	Punched teeth for rapid removal of soft materials - wood, soft plastics, fibreglass, soft metals. Gives a finer finish than wood rasp.
Chainsaw File	For sharpening round, hooded chainsaw teeth.
Contact Point	For cleaning electrical contacts such as engine distributor points, spark plugs and switches
Flat File	For general work on iron, steel etc.
Half Round File	For flat, concave and convex surfaces.
Hand Files	General purpose parallel edge file for flat surfaces, sharp corners and deburring
Horse Rasp	Double ended, rasp teeth on one side, file teeth on other. Ideal for shoeing racetrack and riding horses.
Long Angle Lathe File	Rapid, free cutting files designed for lathe filing.
Round File	For circular openings and concave surfaces.
Slim Taper	For sharpening hand saws.
Square File	For filing slots, key seats and general surface filing.
Warding File	Locksmiths file for ward notches in keys and narrow places. For narrow slots, toolmaking and hobby applications.
Wood Rasp	For use on wood and soft metals. Multi-purpose rasp for use on concave surfaces and crevices, and the rounding out of holes.

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P&N Files

Professional precision made for lasting performance

The P&N File range has been developed with the professional tradesmen and home handy man in mind. Professionally packaged, this comprehensive range will allow you to find the correct file for your hard removal, coarse or polishing finish needs. You are sure to find the file you're looking for in the P&N File range.

PRODUCT

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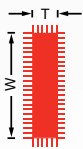
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ENGINEERS FILES



Engineers Flat

Multi-purpose file for use on flat and curved external surfaces. Designed for smoothing, removing burrs and sharp edges.



Discount Group: Z0402

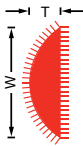
Length (L)	Width (W)	Thick (T)
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Engineers Flat		
100	12	3
150	16	4
200	20.5	4.45
250	25	5.80
300	29.8	6.1
350	35.5	7.1

Bulk / Unhandled					
Qty	Bastard Item #	2nd Cut Item #	Smooth Item #	Aluminium Item #	Magic Cut Item #
12		300AC0042			
12	300AC0061	300AC0062	300AC0063		
12	300AC0081	300AC0082	300AC0083		
12	300AC0101	300AC0102	300AC0103		300AM0104*
6	300AC0121	300AC0122	300AC0123	300AN0120	300AM0124
6	300AC0141	300AC0142	300AC0143		

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300AC1061	300AC1062	
300AC1081	300AC1082	300AC1083
300AC1101	300AC1102	300AC1103
300AC1121	300AC1122	300AC1123

*Bulk qty: 6



Engineers Half Round

Multi-purpose file for use on concave surfaces and crevices and the rounding out of holes.



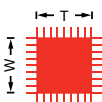
Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
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Engineers Half Round		
100	12	4
150	16.1	4.7
200	19.8	5.9
250	24.6	7.3
300	29.55	8.6
350	34.5	10

Bulk / Unhandled			
Qty	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300AE0041	300AE0042	300AE0043
12	300AE0061	300AE0062	300AE0063
12	300AE0081	300AE0082	300AE0083
12	300AE0101	300AE0102	300AE0103
6	300AE0121	300AE0122	300AE0123
6	300AE0141	300AE0142	

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300AE1081	300AE1082	300AE1083
300AE1101	300AE1102	
300AE1121	300AE1122	



Engineers Square

For filing slots, keyways, splines and the inside corners of rectangular or square holes.



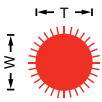
Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
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Engineers Square		
150	6	6
200	7.7	7.7
250	9.6	9.6
300	12.2	12.2

Bulk / Unhandled			
Qty	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300AJ0061	300AJ0062	300AJ0063
12	300AJ0081	300AJ0082	300AJ0083
12	300AJ0101	300AJ0102	300AJ0103
6	300AJ0121	300AJ0122	

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300AJ1061		
300AJ1081		
300AJ1101		



Engineers Round

For filing and enlarging holes, circular or rounded grooves.



Discount Group: Z0402

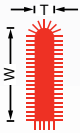
Length (L)	Width (W)	Thick (T)
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Engineers Round		
100	3.8	3.8
150	6.3	6.3
200	7.15	7.15
250	9.25	9.25
300	12	12
350	16	16

Bulk / Unhandled			
Qty	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300AG0041	300AG0042	300AG0043
12	300AG0061	300AG0062	300AG0063
12	300AG0081	300AG0082	300AG0083
12	300AG0101	300AG0102	300AG0103
6	300AG0121	300AG0122	300AG0123
6	300AG0141	300AG0142	

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300AG1061		
300AG1081		
300AG1101	300AG1102	300AG1103
300AG1121		300AG1123

SAW FILES



1 Edge Round Mill

For sharpening saws and other tools that require a fine finish. The round edge also allows the filing of saw gullets.

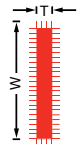


Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
200	20.4	3.5
250	25.1	4.8
300	30.3	5.3

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300CC0081		
12	300CC0101		
6	300CC0121		

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300CC1081		
300CC1101		
300CC1121		



2 Edge Square Mill

For sharpening saws and other tools that require a fine finish.



Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
150	16	3
200	20.4	3.5
250	25.1	4.8
300	30.3	5.3
350	36	6.5

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300CA0061		
12	300CA0081		
12	300CA0101	300CA0102	
6	300CA0121	300CA0122	300CA0123
6	300CA0141		

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300CA1061		
300CA1081		
300CA1101		
300CA1121		



3 Edge Square Mill

For sharpening saws and other tools that require a fine finish.

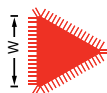


Discount Group: Z0402

Length (L)	Width (W)
150	12
200	15
250	19

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300BA0061	300BA0062	300BA0063
12	300BA0081	300BA0082	300BA0083
12	300BA0101	300BA0102	300BA0103

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #



Slim Taper

For sharpening saws with a 60° tooth angle.



Discount Group: Z0402

Length (L)	Width (W)
100	6.1
110	7.2
125	7.2
150	8.8
175	10.5
200	12

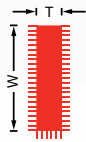
Extra Slim Taper

100	5.0
150	7.2

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300BE0040		
12	300BE0045		
12	300BE0050		
12	300BE0060		
12	300BE0070		
12	300BE0080		
12	300BG0040		
12	300BG0060		

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300BE1040		
300BE1060		
300BE1080		

SPECIAL FILES



Hand Files

General purpose parallel edge file for flat surfaces, sharp corners and deburring. Features one safe edge to prevent damage when filing into corners.



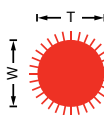
Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
150	16	4
200	20.5	4.45
250	25.0	5.80
300	29.8	6.1

Engineers Flat

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300AB0061	300AB0062	300AB0063
12	300AB0081	300AB0082	300AB0083
12	300AB0101	300AB0102	300AB0103
6	300AB0121	300AB0122	300AB0123

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #



Chainsaw Files

For sharpening chainsaws. Matched to specific chain sizes, the round edge allows the filing of saw gullets.

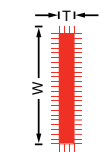


Discount Group: Z0402

Diameter (inch)	Length (mm)
1/8	200
5/32	200
3/16	200
7/32	200
1/4	200

Qty	Bulk / Unhandled
	Item #
12	300DA0460
12	300DA0580
12	300DA0680
12	300DA0780
12	300DA0880

Single Pack / Handled
Item #
300DA1580
300DA1680
300DA1780
300DA1880



Warding Files

For narrow slots, toolmaking and hobby applications.



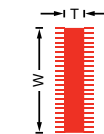
Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
100	12.1	1.4
150	16.4	2.3
200	20.5	2.9

Warding Files

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300AH0041	300AH0042	300AH0043
12	300AH0061	300AH0062	300AH0063
12	300AH0081	300AH0082	300AH0083

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300AH1061		
300AH1061		



Long Angle Lathe Files

Rapid, free cutting files designed for lathe filing.



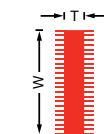
Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
300	29.8	6.1

Long Angle Lathe Files

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
6	300AL0121		

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #



Contact Point

For cleaning electrical contacts such as engine distributor points, spark plugs and switches



Discount Group: Z0402

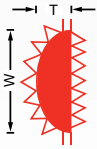
Length (L)	Width (W)	Thick (T)
133	11	1

Contact Point

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300AP0050		

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #

RASPS



Wood Rasp Half Round

Multi-purpose rasp for use on concave surfaces and crevices, and the rounding out of holes.

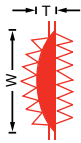


Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
Wood Rasps		
200	19.8	5.9
250	24.6	7.3
300	29.55	8.6
350	34.5	10

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300EA0081		
12	300EA0101		
6	300EA0121		
6	300EA0141		

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300EA1081		
300EA1101		
300EA1121		



Cabinet Rasp

Punched teeth for rapid removal of soft materials - wood, soft plastics, fibreglass, soft metals. Gives finer finish than wood rasp.

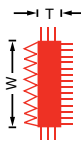


Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
Cabinet Rasps		
200	23.5	4.5
250	29	6
300	34.5	6.5

Qty	Bulk / Unhandled		
	Bastard Item #	2nd Cut Item #	Smooth Item #
12	300EC0081	300EC0082	
12	300EC0101	300EC0102	
6		300EC0122	

Single Pack / Handled		
Bastard Item #	2nd Cut Item #	Smooth Item #
300EC1081		
300EC1101		



Horse Rasp

Double ended, rasp teeth on one side, file teeth on other. Ideal for shoeing racetrack and riding horses.



Discount Group: Z0402

Length (L)	Width (W)	Thick (T)
Horse Rasp		
350	42	5.5

Qty	Bulk / Unhandled	
	Tanged Item #	No Tang Item #
6	300EH0141	300EH0142



5 Piece Hand File Set



7 Piece Needle File Set

HANDLES

SETS

Designed to suit the complete range of P+N Files



Handles (Bulk)

Economy Range

Length (mm)	Bulk	
	Qty	Item #
100	12	300H00004
150	12	300H00006
200	12	300H00008
250	12	300H00010
300	12	300H00012

Handles (Single pack)

Soft Grip

Length (mm)	Single Pack	
	Qty	Item #
100	1	300SGK003
150	1	300SGK004
200-250	1	300SGK005
300	1	300SGK006

Discount Group: Z0402

Length (mm)	Contents	Pieces	Item #
Hand File Set			
150	Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	5	300SE0065
200	Bastard: Flat, Round 2nd Cut: Half Round	3	300SE0083
200	Bastard: Flat, Half Round, Round, Square	4	300SET004
200	Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	5	300SE0085
250	Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	5	300SE0105
Needle File Set			
160	File Handle, Warding-flat, Three Square, Flat, Square, Round, Half Round	7	386911607

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