

**WORKSHOP** 

For those who are  
**PASSIONATE**  
about their workshop

**FILES**

**RN**<sup>®</sup>

# WORKSHOP

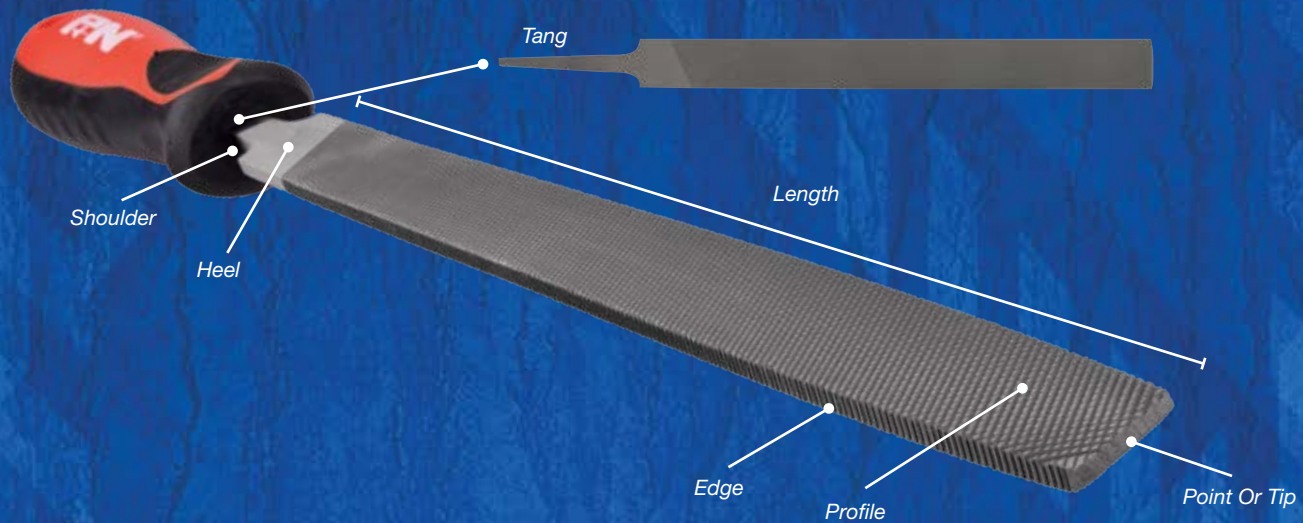
For those who are  
**PASSIONATE**  
about their workshop

Your home workshop or shed setup is not complete without the P&N Workshop Range. Whether you are an engineer, tradesman or a serious DIY'er, the Workshop Range is your perfect choice. The Workshop Range of tools will cater for any job you need to get done.



**P&N**<sup>®</sup>

# 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



**Smooth Cut:**  
Fine finish.  
For smooth surface finish.



**Second Cut:**  
Medium to coarse finish.  
For moderate stock removal.



**Bastard Cut:**  
Coarse finish.  
For stock removal.

## 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 the 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

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

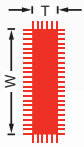
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Developed with the professional tradesmen and home handy man in mind, the comprehensive P&N Workshop file range will allow you to find the correct file for your hard removal, coarse or polishing finish needs.

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# ENGINEERS FILES

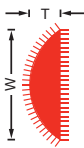


## Engineers Flat

For flat and curved external surfaces. Designed for smoothing, removing burrs and sharp edges.



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Engineers Flat</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	12	3	12	-	300AC0042	-	-	-	-
150	16	4	12	300AC0061	300AC0062	300AC0063	300AC1061	300AC1062	-
200	20.5	4.45	12	300AC0081	300AC0082	300AC0083	300AC1081	300AC1082	300AC1083
250	25	5.80	12	300AC0101	300AC0102	300AC0103	300AC1101	300AC1102	300AC1103
300	29.8	6.1	6	300AC0121	300AC0122	300AC0123	300AC1121	300AC1122	300AC1123
350	35.5	7.1	6	300AC0141	300AC0142	300AC0143	-	-	-
				<b>Aluminium</b>			<b>Magic Cut</b>		
250	25	5.8	6	-	300AM0104	-	-	-	-
300	29.8	6.1	6	300AN0120	300AM0124	-	-	-	-



## Engineers Half Round

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



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Engineers Half Round</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	12	4	12	300AE0041	300AE0042	300AE0043	-	-	-
150	16.1	4.7	12	300AE0061	300AE0062	300AE0063	-	-	-
200	19.8	5.9	12	300AE0081	300AE0082	300AE0083	300AE1081	300AE1082	300AE1083
250	24.6	7.3	12	300AE0101	300AE0102	300AE0103	300AE1101	300AE1102	-
300	29.55	8.6	6	300AE0121	300AE0122	300AE0123	300AE1121	300AE1122	-
350	34.5	10	6	300AE0141	300AE0142	-	-	-	-



## Engineers Square

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



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Engineers Square</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
150	6	6	12	300AJ0061	300AJ0062	300AJ0063	300AJ1061	-	-
200	7.7	7.7	12	300AJ0081	300AJ0082	300AJ0083	300AJ1081	-	-
250	9.6	9.6	12	300AJ0101	300AJ0102	300AJ0103	300AJ1101	-	-
300	12.2	12.2	6	300AJ0121	300AJ0122	-	-	-	-



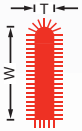
## Engineers Round

For filing and enlarging holes, circular or rounded grooves.



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Engineers Round</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	3.8	3.8	12	300AG0041	300AG0042	300AG0043	-	-	-
125	5	5	12	300AG0051	-	-	-	-	-
150	6.3	6.3	12	300AG0061	300AG0062	300AG0063	300AG1061	-	-
200	7.15	7.15	12	300AG0081	300AG0082	300AG0083	300AG1081	-	-
250	9.25	9.25	12	300AG0101	300AG0102	300AG0103	300AG1101	300AG1102	300AG1103
300	12	12	6	300AG0121	300AG0122	300AG0123	300AG1121	-	300AG1123

# SAW FILES

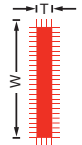


## 1 Edge Round Mill

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



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>1 Edge Round Mill</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
200	20.4	3.5	12	300CC0081	-	-	300CC1081	-	-
250	25.1	4.8	12	300CC0101	-	-	300CC1101	-	-
300	30.3	5.3	6	300CC0121	-	-	300CC1121	-	-



## 2 Edge Square Mill

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



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>2 Edge Square Mill</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
150	16	3	12	300CA0061	-	-	300CA1061	-	-
200	20.4	3.5	12	300CA0081	-	-	300CA1081	-	-
250	25.1	4.8	12	300CA0101	300CA0102	-	300CA1101	-	-
300	30.3	5.3	6	300CA0121	300CA0122	300CA0123	300CA1121	-	-
350	36	6.5	6	300CA0141	-	-	-	-	-



## 3 Edge Square Mill

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



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>3 Edge Square Mill</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
150	12		12	300BA0061	300BA0062	300BA0063	-	-	-
200	15		12	300BA0081	300BA0082	300BA0083	-	-	-
250	19		12	300BA0101	300BA0102	300BA0103	-	-	-



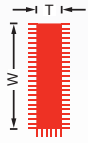
## Slim Taper

For sharpening saws with a 60° tooth angle.



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Slim Taper</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	6.1		12	300BE0040	-	-	300BE1040	-	-
110	7.2		12	300BE0045	-	-	-	-	-
125	7.2		12	300BE0050	-	-	-	-	-
150	8.8		12	300BE0060	-	-	300BE1060	-	-
175	10.5		12	300BE0070	-	-	-	-	-
200	12		12	300BE0080	-	-	300BE1080	-	-
<b>Extra Slim Taper</b>									
100	5.0		12	300BG0040	-	-	-	-	-
150	7.2		12	300BG0060	-	-	-	-	-

# SPECIAL FILES

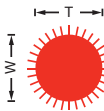


## Hand Files

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



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Hand Files</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
150	16	4	12	300AB0061	300AB0062	300AB0063	-	-	-
200	20.5	4.45	12	300AB0081	300AB0082	300AB0083	-	-	-
250	25.0	5.80	12	300AB0101	300AB0102	300AB0103	-	-	-
300	29.8	6.1	6	300AB0121	300AB0122	300AB0123	-	-	-

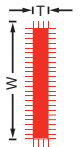


## Chainsaw Files

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



Diameter	Length	Bulk Qty	Bulk / Unhandled			Single Pack / Handled	
			Item #	Item #	Item #	Item #	
<b>Chainsaw Files</b>							
1/8	200	12	300DA0460	-	-	-	-
5/32	200	12	300DA0580	-	300DA1580	-	-
3/16	200	12	300DA0680	-	300DA1680	-	-
7/32	200	12	300DA0780	-	300DA1780	-	-
1/4	200	12	300DA0880	-	300DA1880	-	-

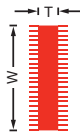


## Warding Files

For narrow slots, toolmaking and hobby applications.



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Warding Files</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	12.1	1.4	12	300AH0041	300AH0042	300AH0043	-	-	-
150	16.4	2.3	12	300AH0061	300AH0062	300AH0063	300AH1061	-	-
200	20.5	2.9	12	300AH0081	300AH0082	300AH0083	-	-	-

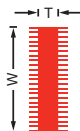


## Long Angle Lathe Files

Rapid, free cutting files designed for lathe filing.



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Long Angle Lathe Files</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
300	29.8	6.1	6	300AL0121	-	-	-	-	-



## Contact Point

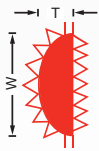
For cleaning electrical contacts such as engine distributor points, spark plugs and switches



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Contact Point</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
133	11	1	12	300AP0050	-	-	-	-	-



# RASPS

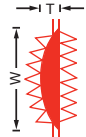


## Wood Rasp Half Round

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



Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Wood Rasp Half Round</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
200	19.8	5.9	12	300EA0081	-	-	300EA1081	-	-
250	24.6	7.3	12	300EA0101	-	-	300EA1101	-	-
300	29.55	8.6	6	300EA0121	-	-	300EA1121	-	-
350	34.5	10	6	300EA0141	-	-			

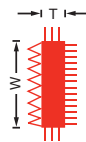


## Cabinet Rasp

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

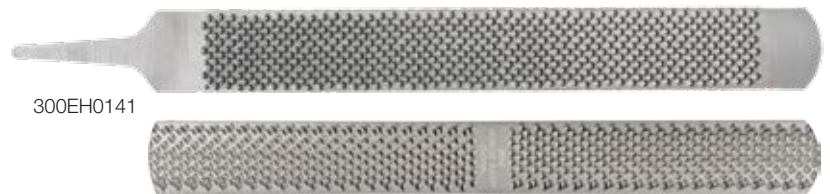


Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Cabinet Rasp</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
200	23.5	4.5	12	300EC0081	300EC0082	-	300EC1081	-	-
250	29	6	12	300EC0101	300EC0102	-	300EC1101	-	-
300	34.5	6.5	6	-	300EC0122	-	-	-	-



## Horse Rasp

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

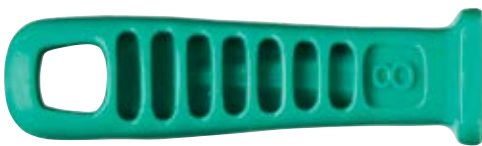


300EH0141

300EH0142

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Horse Rasp</b>				<b>Tanged</b>	<b>No Tang</b>				
350	42	5.5	6	300EH0141	300EH0142	-	-	-	-

# HANDLE RANGE



## Handles (Bulk)

Economy range. Designed to suit the complete range of P&N Files.

File Length	Qty	Item #	Barcode
<b>Bulk</b>			
100	12	300H00004	9311744156610
150	12	300H00006	9311744156627
200	12	300H00008	9311744156634
250	12	300H00010	9311744156641
300	12	300H00012	9311744156658



## Handles (Single Pack)

Soft grip. Designed to suit the complete range of P&N Files.

File Length	Qty	Item #	Barcode
<b>Hang Pack</b>			
100	1	300SGK003	9311744436859
150	1	300SGK004	9311744436866
200-250	1	300SGK005	9311744436873
300	1	300SGK006	9311744436880

# SETS & ACCESSORIES



300SE0065

300SE0083

300SET004

300SE0085

300SE0105

Length mm	Contents	Pieces	Item #	Barcode
<b>File Sets</b>				
150	Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	5	300SE0065	9311744445554
200	Bastard: Flat 2nd Cut: Half Round	3	300SE0083	9311744445141
200	Bastard: Flat, Half Round, Round, Square	4	300SET004	9311744438129
200	Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	5	300SE0085	9311744445158
250	Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	5	300SE0105	9311744445165



300SE0085



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