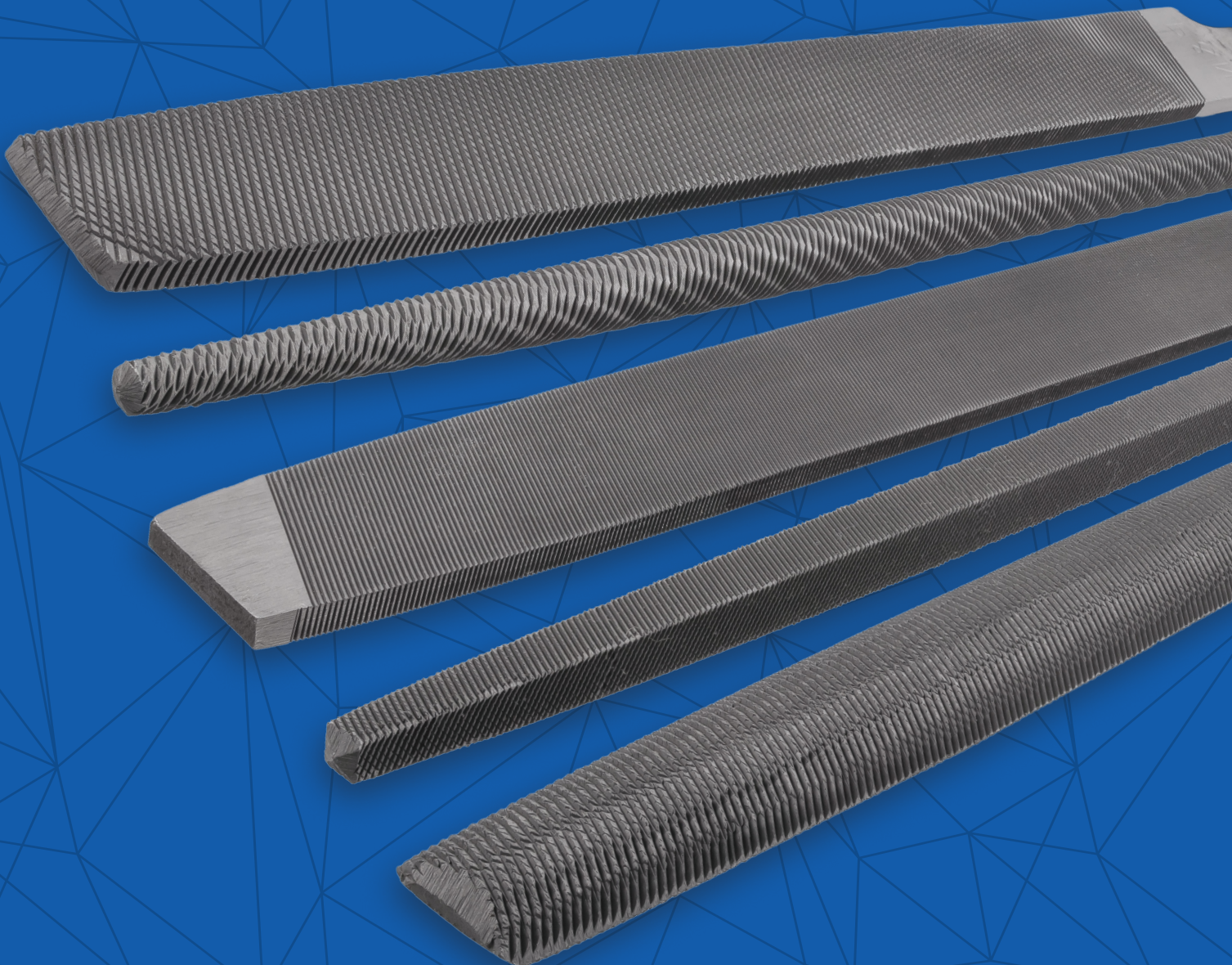


# RN<sup>®</sup>

**WORKSHOP** 

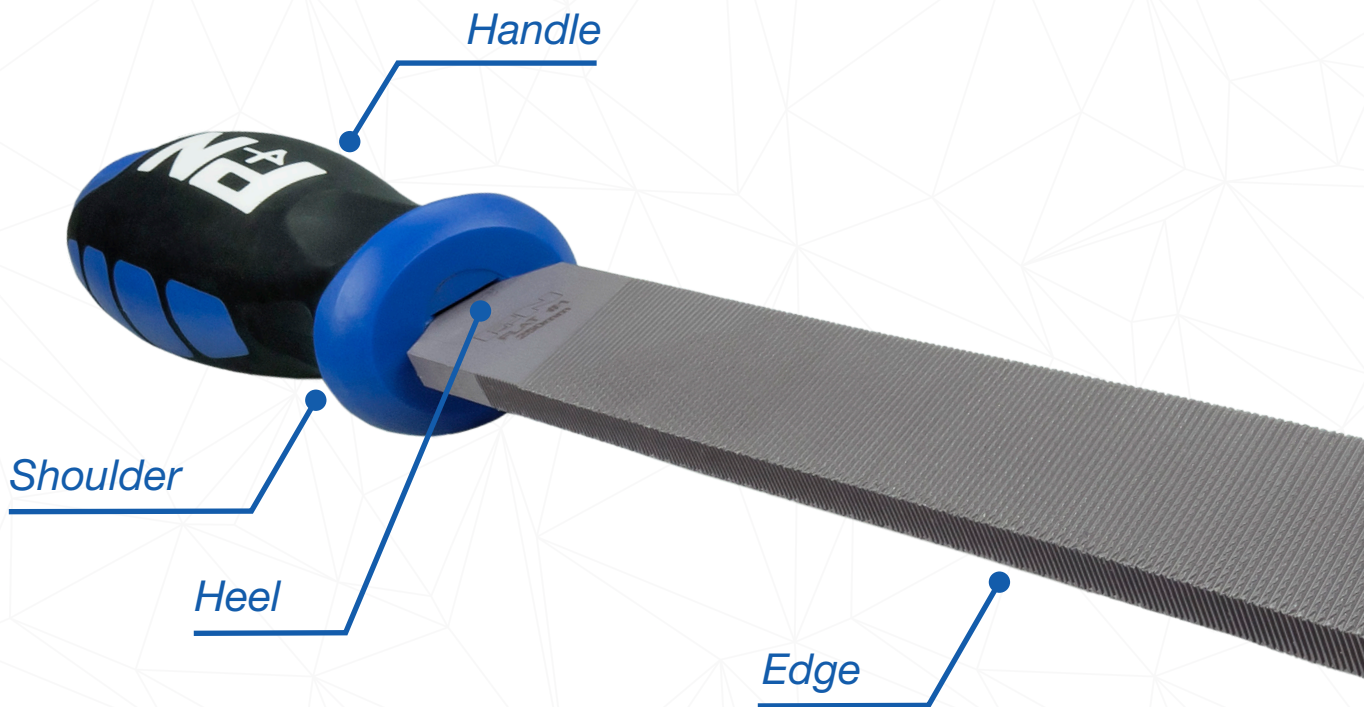
## File Range

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









### 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.



#### HALF ROUND

For multi-purpose use on concave surfaces, crevices & the rounding out of holes. Can also be used on the flat face.



#### SQUARE

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



#### ROUND

For filing & enlarging holes, circular or rounded grooves.



#### TRIANGULAR

Used for sharpening saw teeth and internal corners.

### 2 Length

The required stroke length will help to select the correct file length. File length is measured from heel to tip.

### 3 Cut Type



#### BASTARD CUT

Coarse finish. For faster stock removal.



#### SECOND CUT

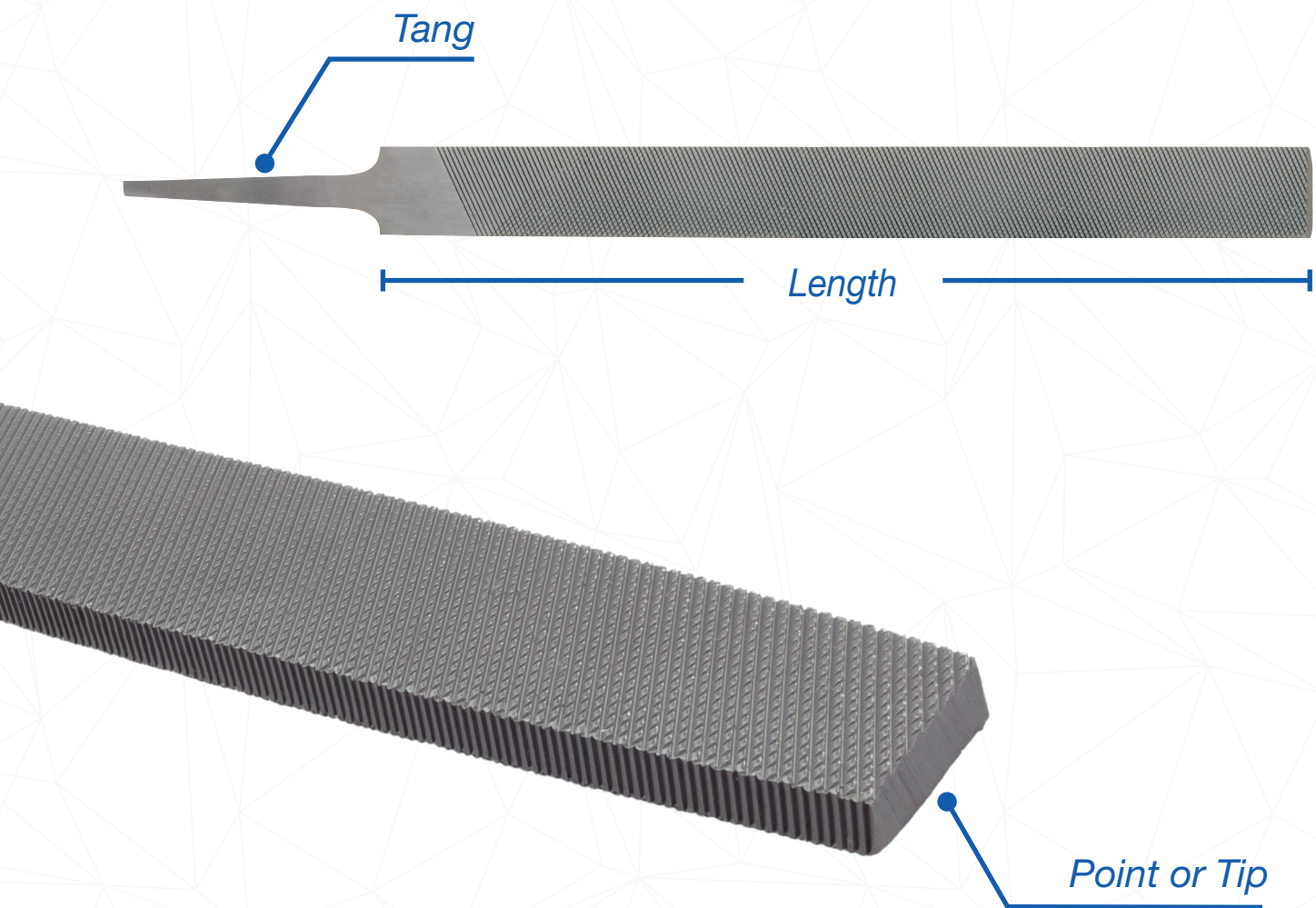
Medium to coarse finish. For moderate stock removal.



#### SMOOTH CUT

Fine finish. For smooth surface finish.

# Choosing The Right File



## 4 File Usage

### 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.

### How to hold a 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 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 angle 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.
- Use a wire brush to clean the file teeth.
- Do not use oil on the file.









## Engineers Files

		<b>Flat</b>	For flat and convex surfaces.
		<b>Half Round</b>	For flat and concave surfaces.
		<b>Square</b>	For filing slots, key seats and general surface filing.
		<b>Round</b>	For circular openings and concave surfaces.

## Saw Files

		<b>One Round Edge Mill</b>	For sharpening saws and other tools that require a fine finish. The round edge also allows the filing of carbon steel saw gullets.
		<b>Two Square Edge Mill</b>	For sharpening carbon steel saws and other tools that require a fine finish.
		<b>Slim Taper</b>	For use on acute internal angles to clear out square corners.

## Speciality Files

		<b>Warding</b>	Locksmiths file for ward notches in keys and narrow places. For narrow slots, toolmaking and hobby applications.
		<b>Chainsaw</b>	For sharpening round, chainsaw teeth.
		<b>Contact Point</b>	For cleaning electrical contacts such as engine distributor points, spark plugs and switches.

## Woodworking

		<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.
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## **P&N WORKSHOP FILES**

**Professional precision made for lasting performance.**

The P&N Workshop File range has been developed to suit a wide range of applications. The professional packaging quickly helps users identify the correct file for their needs.

## **Product** **Page**

### **Engineers Files**

Flat	6
Half Round	6
Square	6
Round	6

### **Saw Files**

One Round Edge Mill	7
Two Square Edge Mill	7
Slim Taper	7

### **Speciality Files**

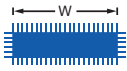
Warding	8
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### **Woodworking**

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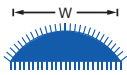
### Engineers Flat

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



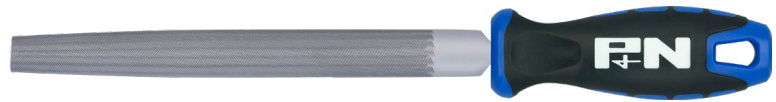
Length	Width (mm)
<b>Engineers Flat</b>	
150	16.5
200	20.9
250	25.0
300	29.5

Item #	Item #	Item #
<b>Bastard</b>		
PW3001061	PW3001062	PW3001063
PW3001081	PW3001082	PW3001083
PW3001101	PW3001102	PW3001103
PW3001121	PW3001122	PW3001123



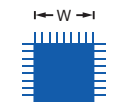
### Engineers Half Round

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



Length	Width (mm)
<b>Engineers Half Round</b>	
150	16.9
200	21.3
250	25.4

Item #	Item #	Item #
<b>Bastard</b>		
PW3011061	PW3011062	-
PW3011081	PW3011082	PW3011083
PW3011101	PW3011102	-



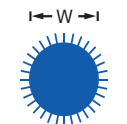
### Engineers Square

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



Length	Width (mm)
<b>Engineers Square</b>	
150	5.6
200	8.0
250	9.6

Item #
<b>Bastard</b>
PW3031061
PW3031081
PW3031101



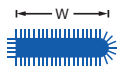
### Engineers Round

Round files are ideal for enlarging or elongating holes. Bastard cut for rapid stock removal.



Length	Width (mm)
<b>Engineers Round</b>	
150	5.9
200	7.7
250	9.0
300	11.4

Item #	Item #
<b>Bastard</b>	
PW3021061	PW3021062
PW3021081	PW3021082
PW3021101	PW3021102
PW3021121	



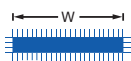
## One Round Edge Mill

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



Length	Width (mm)
<b>1 Round Edge Mill</b>	
150	15.8
200	20.0
250	24.0

Item #
<b>Bastard</b>
PW3111061
PW3111081
PW3111101



## Two Square Edge Mill

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



Length	Width (mm)
<b>2 Square Edge Mill</b>	
150	15.4
200	20.4
250	24.0

Item #
<b>Bastard</b>
PW3101061
PW3101081
PW3101101



## Slim Taper

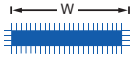
For sharpening saws with a 60° tooth angle.



Length	Width (mm)
<b>Slim Taper</b>	
100	6.0
150	8.3
<b>Extra Slim Taper</b>	
100	4.8
150	7.0

Item #
<b>Second Cut</b>
PW3121042
PW3121062
PW3131042
PW3131062





### Warding

Warding files are ideal for delicate shaping of grooves, locks and more. Bastard cut for rapid stock removal.



Length	Width (mm)
<b>Warding File</b>	
150	16.6

Item #	Item #
<b>Bastard</b>	<b>Second</b>
PW3141061	PW3141062



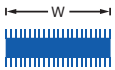
### Chainsaw

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



Length	Width (mm)
<b>Chainsaw Files</b>	
200	3.2
200	4.0
200	4.8
200	5.6
200	6.4

Item #
<b>Chainsaw Cut</b>
PW3201381
PW3201481
PW3201581
PW3201681
PW3201781



### Contact Point

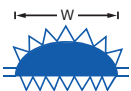
Contact point files create a smooth surface on distributor points. Also commonly used in toolmaking.



Length	Width (mm)
<b>Contact Point</b>	
133	8.3

Item #
<b>Bastard</b>
PW3151073

## Woodworking



### Wood Rasp Half Round

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



Length	Width (mm)
<b>Rasp Files</b>	
250	25.0

Item #
<b>Bastard</b>
PW3301101



PW3409061



PW3409081



PW3409101

## Engineering File Set

Compact storage ideal for your tool box or workshop.

Length (mm)	Contents	Pieces	Item #	Barcode
<b>File Sets</b>				
150	Bastard: Flat, Half-Round, Round, Square Second Cut: Flat	5	PW3409061	9311744447640
200	Bastard: Flat, Half-Round, Round, Square Second Cut: Flat	5	PW3409081	9311744447657
250	Bastard: Flat, Half-Round, Round, Square Second Cut: Flat	5	PW3409101	9311744447664



## File Brush

Wire brush for cleaning clogged file teeth to ensure longer file life.

Length (mm)	Contents	Pieces	Item #	Barcode
<b>Accessories</b>				
180	Metal File Brush	1	PW3490050	9311744447671

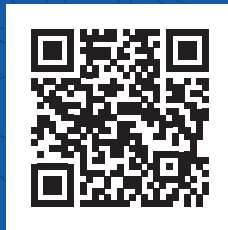




**P&N was founded as Patience & Nicholson in 1921 in the south-east of Melbourne. Six short years after being founded, the company had grown enough to move operations to Maryborough in central Victoria, as part of a relocation program offered by the local council.**

**In their new home, P&N quickly grew a reputation of manufacturing the finest available cutting tools.**

**In the next decade, P&N became the largest cutting tools manufacturer in the Southern Hemisphere and was producing a wide range of products. By the 1950's, P&N had once again outgrown their home and set about building a brand-new purpose-built plant to open in 1958, where it remains today.**



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100 Year History.**



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