



Engineers Tools



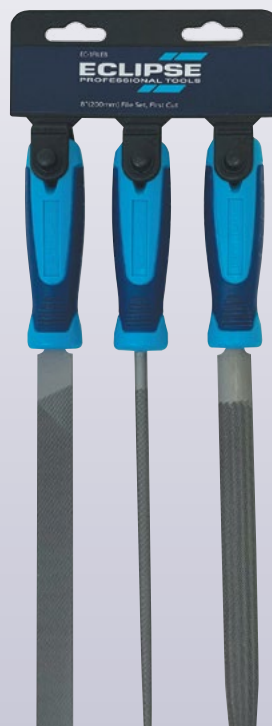
THE TOOLS TO TRUST



Engineers' File 3 Piece Sets

Essential workshop tools for smoothing, deburring and shaping a range of materials including metals and wood, whilst removing any unwanted material after cutting or sharpening.

- Hardened and tempered blades for strength and durability
- Ergonomic handles for a firm and comfortable grip
- Course first/bastard cut typically used first for quick removal of material
- Medium/second cut used for finer finish



NEW

Part No.	Blade Type	Contains	Pack
EC-3FILEB	First Cut/Bastard 200mm	Flat, Round & Half Round	5
EC-3FILE2	Second Cut 200mm	Flat, Round & Half Round	5

Engineers' Tools

Files & Scrapers

Hand scrapers are designed for the removal of high spots on machined surfaces to give a smoother surface on slideways, bearings, cast iron surface plates and precision marking out plates..

Engineers Scrapers

Suitable for toolroom and small engineering work.



Individual Scrapers

Part No.	Blade Length	Cutting Edge	Pack Qty.
EC-96A	100mm (4")	Three Square	5
EC-97A	140mm (5½")	Three Square	5
EC-96B	100mm (4")	Flat	5
EC-97B	150mm (6")	Flat	5
EC-96C	100mm (4")	Curved ½ Round	5
EC-97C	150mm (6")	Curved ½ Round	5
EC-97D	200mm (8")	Curved ½ Round	5

Sets

Part No.	Set Contents	Pack Qty.
EC-97	97A, 97B, 97C & 97D	1

Bearing Scrapers

Suitable for removing high spots on bearings.



Part No.	Overall Length	Blade Length	Pack
EC-258/4	180mm (7¼")	100mm (4")	5
EC-258/6	240mm (9½")	150mm (6")	5
EC-258/8	290mm (11½")	200mm (8")	5

Erector Scrapers

Suitable for large jobs or heavy engineering.

- Manufactured from chrome vanadium steel.



Part No.	Blade Length	Cutting Edge	Pack
EC-256	210mm (8¼")	Flat	5
EC-257	225mm (9")	Curved	5

All Eclipse punches are made from a high quality carbon steel. The point is hardened and tempered to withstand continuous use. All punches have well cut knurling to provide positive finger grip...

Centre Punches

Used to indent, mark, scribe lines and to make indentations in work pieces prior to drilling. Punch point accurately ground to an angle of 90°



Part No.	Point Diameter	Length	Pack Size
EC-351A	3.2mm (1/8")	100mm (4")	10
EC-351B	4mm (5/32")	100mm (4")	10
EC-351C	4.8mm (3/16")	100mm (4")	10
EC-351D	6.35mm (1/4")	100mm (4")	10

Auto Centre Punches

Delivers a punch when hand pressure applied to knurled head. One handed operation, hammer should not be used. Depth of impression adjusted by turning knurled head.



Part No.	Length	Operating Pressure	Pack Size
65-171R	120mm	13.5-2.25kg (30-5lbs)	10
E172	149mm	22.5-6.3kg (50-14lbs)	1

Parallel Punches

Used to punch out pins and dowels.



Part No.	Point Diameter	Length	Pack Size
EC-161AA	1.7mm (1/16")	100mm (4")	10
EC-161A	2.3mm (3/32")	100mm (4")	10
EC-161B	3.1mm (1/8")	100mm (4")	10
EC-161CC	3.9mm (5/32")	100mm (4")	10
EC-161C	4.7mm (3/16")	100mm (4")	10
EC-161DD	5.3mm (7/32")	100mm (4")	10
EC-161D	6.1mm (1/4")	100mm (4")	10
EC-161E	7.6mm (5/16")	150mm (6")	5
EC-161FF	9.5mm (3/8")	150mm (6")	5
EC-161W	Wallet containing 1 of each	-	1 Set

Auto Centre Punch

Delivers a punch when hand pressure applied to head, hammer should not be used. Depth of impression adjusted by turning head.



Part No.	Length	Operating Pressure	Pack Size
SJ-ASP125	1425mm	6-10kg (12-lbs)	1

Engineers' Tools

Pin Vices, Chucks & Collets

Pin Vices

Hand held tools designed for holding round materials. Hollow handle enables material greater than the overall length of the pin chuck to be used.

- Manufactured from high quality carbon steel



Part No.	Capacity	Overall Length	Pack
EC-121	0-1mm	75mm (3")	10
EC-122	0.75-1.5mm	85mm (3 ¹¹ / ₃₂ "	10
EC-123	1.4-3.1mm	95mm (3 ³ / ₄ "	10
EC-124	3.1-5mm	105mm (4 ¹ / ₈ "	10
EC-120	Set of 121, 122, 123 and 124		1 Set

Pin Chuck & Replacement Collets

Used for gripping very small drills, mainly on automatic lathes, where pin chuck does not revolve.

- Manufactured from high quality carbon steel



Pin Chuck

Part No.	Overall Length	Description	Pack
EC-160	65mm (9/16")	Chuck with 3 collets: 0.25-2.5mm capacities	6

Replacement Collets

Part No.	Capacity	Pack
EC-RP621HRD	0.25-0.75mm (0.01-0.03")	1
EC-RP622MRD	0.75-1.5mm (0.01-0.03")	1
EC-RP623FRD	1.5-2.5mm (0.06-0.10")	1

Engineers' Tools

Scribers & Taper Gauges

Eclipse professional scribers used in metal working to mark lines in workpieces prior to machining. Jewellers' Screwdriver blades are hardened for long life...

Pocket Scribers

Available with either hardened steel or tungsten carbide points. Reversible point prevents tearing and snagging of clothing when clipped in a pocket.



Part No.	Closed Size	Description	Pack Size
EC-E220	89mm (3 1/2")	Hardened Steel Point	10
EC-E225	89mm (3 1/2")	Tungsten Carbide Point	10
EC-220/05	-	Replacement Point	10
EC-225/02	-	Replacement Point	5

E222 Engineers' Scriber

Double ended for marking out in confined spaces, e.g. grooves.



Part No.	Overall Length	Description	Pack Size
EC-E222	190mm (7 1/2")	Double Ended	10

E227 Machinists' Scriber

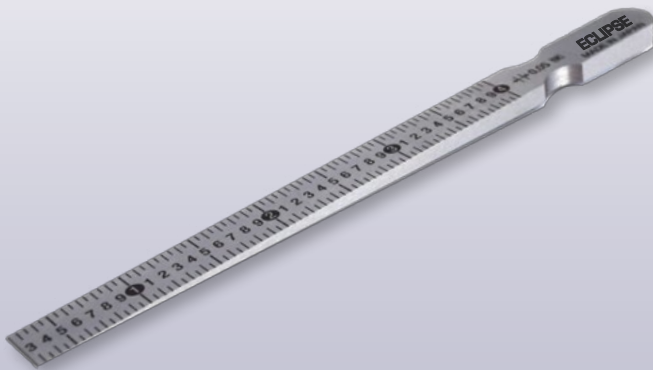
Designed for machinists. For marking out in confined spaces, particularly on pre-machined workpieces.



Part No.	Overall Length	Description	Pack Size
EC-E227	114mm (4 1/2")	1 Piece / Single Ended	10

Taper Gauge

Designed for the quick and accurate measurement of gaps or spaces. Made of premium carbon steel with an accuracy of $\pm 0.05\text{mm}$.



Part No.	Measurement Range	Pack Size
EC-TG034160	0.25-4mm (1/64" - 5/32")	1

Taper Gauges

Designed for the quick and accurate measurement of internal dimensions. Manufactured from stainless steel with an accuracy of $\pm 0.05\text{mm}$.



Part No.	Measurement Range	Pack Size
EC-TG115150	1-15mm (3/64" - 19/32")	1
EC-TG1530155	15-30mm (19/32" - 1 3/16")	1

Engineers' Tools

Tap Wrenches & Accessories

These tools are designed to hold engineers taps. By selecting the most suitable type and size it is possible to tap a hole more efficiently and minimise the risk of tap breakage...

Trammel Heads

Supplied as 1 pair of heads. Suitable for laying out the distance between two points and scribing arcs and circles. To be used in conjunction with any wood off cut between $\frac{3}{4}$ " to $1\frac{1}{2}$ " wide, minimum thickness of $\frac{3}{8}$ ".



Part No.	Suitable For Beam Sizes	Pack Size
EC-33	19 x 38mm ($\frac{3}{8}$ " - $1\frac{1}{2}$ ") Thick & 38mm ($1\frac{1}{2}$ ") Wide	1 Pair

Standard Bar Type Tap Wrench

Provides a comfortable and positive grip plus the sensitivity required when tapping a blind hole. Knurled locknut ensures a constant grip on the tap when in use.



Part No.	Jaw Capacity	Square AF		BA	BSW/BSF	UNC	UNF	Length	PK
		mm	ISO						
EC-E240	Min	1.5	M1	14	$\frac{1}{8}$	0	-	110mm	1
	Max	4.6	M6	0	$\frac{1}{4}$	12	$\frac{1}{4}$	105mm	
EC-E241	Min	2.0	M3	5	$\frac{1}{8}$	4	$\frac{1}{4}$	164mm	1
	Max	7.2	M12	0	$\frac{1}{2}$	12	$\frac{1}{2}$	156mm	
EC-E242	Min	2.5	M4	3	$\frac{3}{16}$	8	$\frac{1}{4}$	230mm	1
	Max	9.0	M16	0	$\frac{5}{8}$	12	$\frac{5}{8}$	220mm	

Chuck Type Tap Wrench

Stepped jaws greatly extend range of taps for each wrench. Adjustable tommy bar for tapping close to a shoulder or other obstructions. Available in normal and long reach designs.



Part No.	Body Length	Width	Pack Size
EC-E141 Fixed Bar	50mm ($1\frac{5}{16}$ ")	57mm ($2\frac{1}{4}$ ")	1
EC-E142	65mm ($2\frac{1}{16}$ ")	90mm ($3\frac{1}{2}$ ")	1
EC-E143	90mm ($3\frac{5}{8}$ ")	127mm (5")	1
EC-E145	165mm ($6\frac{1}{2}$ ")	90mm ($3\frac{1}{2}$ ")	1
EC-E146	245mm (10")	127mm (5")	1

Part No.	Jaw Capacity	Square AF		BA	BSW/BSF	UNC	UNF
		mm	ISO				
EC-E141	Min	1.0	M1	14	-	1	-
	Max	2.8	M3.5	4	$\frac{1}{8}$	6	-
EC-E142 & EC-E145	Min	2.0	M1	14	$\frac{1}{8}$	6	-
	Max	5.0	M6	0	$\frac{1}{4}$	12	$\frac{1}{4}$
EC-E143 & EC-E146	Min	3.0	M4	3	$\frac{3}{16}$	8	$\frac{1}{4}$
	Max	8.0	M12	0	$\frac{1}{2}$	12	$\frac{1}{2}$

ECLIPSE

ENGINEERS TOOLS

Available from all good professional tools stockists



These products are guaranteed against defects in manufacturing, subject to wear and tear and the provision of reasonable care and maintenance.

This does not affect your statutory rights.

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