

# ECLIPSE

PROFESSIONAL TOOLS

## PRODUCT GUIDE 2014



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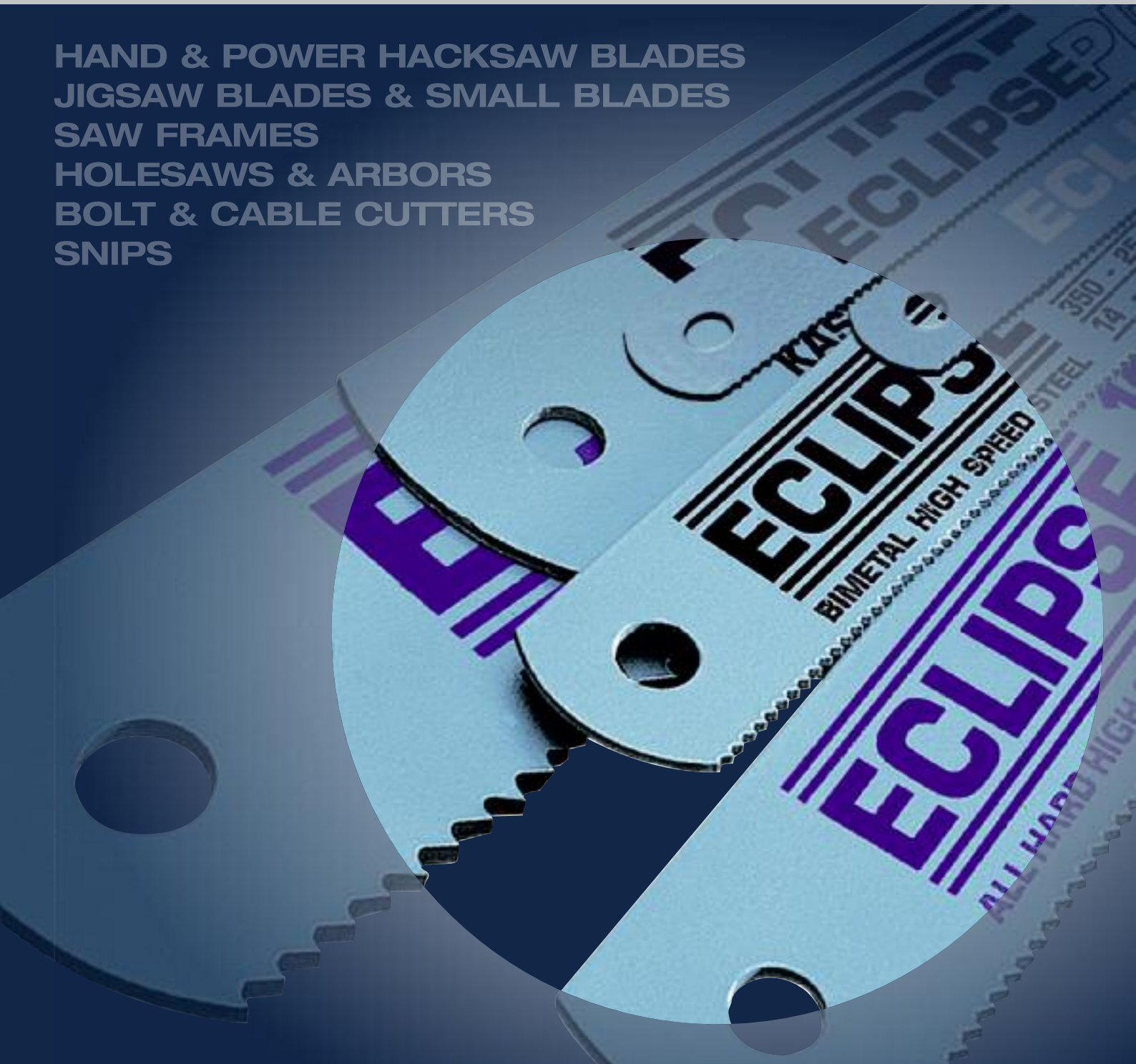
**THE OFFICIAL MARK OF QUALITY**

Dedication to quality has earned official accreditation of the BSEN ISO 9001:2008 Quality Assurance Certificate for the general manufacture of all our hand tools. This represents another important milestone in NEILL TOOLS history, since this is internationally recognised as a mark of quality.

In addition, we guarantee all our tools and products against defective workmanship and materials so you can be sure of first-class quality every time.



**HAND & POWER HACKSAW BLADES  
JIGSAW BLADES & SMALL BLADES  
SAW FRAMES  
HOLESAWS & ARBORS  
BOLT & CABLE CUTTERS  
SNIPS**



# ECLIPSE

**THE NUMBER ONE NAME IN METAL CUTTING**

## ECLIPSE *Plus 30*

**A REVOLUTIONARY BLADE DESIGN**

*- Confirmed by independent testing*



MILLED TOOTH SHAPE  
STANDARD



GROUND TOOTH SHAPE  
PLUS 30

# HAND HACKSAW BLADES

## All Hard HSS

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	Pack Size	Pack Weight (kg)
AE44W	300 x 12.5 x 0.63	12 x 1/2 x 0.025	14	100	1.90
AE44WPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	14	100	2.00
AE45B	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	1.90
AE45BPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	2.00
AE46X	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	1.90
AE46XPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	2.00
AE47K	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	1.90
AE47KPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	2.00

## Flexible BiMetal HSS

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	Pack Size	Pack Weight (kg)
AA45E	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	1.90
AA45EPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	2.00
AA46V	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	1.90
AA46VPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	2.00
AA47R	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	1.90
AA47RPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	2.00

## Plus 30 Flexible BiMetal HSS

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	Pack Size	Pack Weight (kg)
AA3045E	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	1.90
AA3045EPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	2.00
AA3046V	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	1.90
AA3046VPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	2.00
AA3047R	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	1.90
AA3047RPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	2.00
AA3025G	250 x 12.5 x 0.63	10 x 1/2 x 0.025	18	100	1.63
AA3026E	250 x 12.5 x 0.63	10 x 1/2 x 0.025	24	100	1.63
AA3027V	250 x 12.5 x 0.63	10 x 1/2 x 0.025	32	100	1.63



A rigid, All Hard blade for highly accurate cutting and long life.

Manufactured entirely from top quality High Speed Steel, each blade is precisely hardened throughout its entire width to give a strong, rigid back, ensuring a perfectly straight cut time after time.

- ACCURATE CUTTING
- LONG LIFE



Cuts through all types of metals including alloys and stainless steels.

A virtually unbreakable bimetal blade for superb cutting performance, wear resistance and safety.

- HIGH PERFORMANCE
- SHATTERPROOF BLADE



A virtually unbreakable bimetal blade for superb cutting performance, wear resistance and safety.

The unique ground tooth profile of the Plus 30 blade produces a faster and more aggressive cutting action that requires less effort and is more efficient than a standard blade.

- 30% FASTER CUT
- SHARPER FIRST CUT
- LONGER LIFE
- SHATTERPROOF BLADE



## HAND BLADE TOOTH PITCH SELECTION

To select the hacksaw blade with the correct number of teeth for the task, consider the following elements:

- How thick is the material to be cut?  
For thin sections, the highest number of teeth should be used
- What type of material is to be cut?

The table opposite is a guide to tooth pitch selection for different materials and various thicknesses

## PACKAGING OPTIONS

Codes for Hacksaw blades available in plastic boxes end in "PB"



WORKPIECE MATERIAL	WORKPIECE THICKNESS				
	mm inch	3 1/8	6 1/4	10 3/8	13 1/2
Magnesium	32				
Aluminium		24			
Free Machining		18			
Low Carbon Steels			14		
Brass, Copper, Carbon Steels, Low and Medium Carbon	32				
Structural Steels		24			
				18	
				14	
High Carbon Steels, Bronze, Tool Steels, Die Steel, Alloy Steels, Stainless Steels, Copper Alloys	32				
Malleable Cast Iron, Titanium Alloys, High Temperature Alloys (Inconel, Nimonic, Hastelloy, Incolony), Nickel Alloys (Monel, Duranickel)				24	
				18	

\*All hand hacksaw blades have a standard 4mm fixing hole on each end.

## HAND HACKSAW BLADES

### Plus 30 All Hard HSS

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	Pack Size	Pack Weight (kg)
AE3044W	300 x 12.5 x 0.63	12 x 1/2 x 0.025	14	100	1.90
AE3044WPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	14	100	2.00
AE3045B	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	1.90
AE3045BPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	2.00
AE3046X	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	1.90
AE3046XPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	2.00
AE3047K	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	1.90
AE3047KPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	2.00
AE3025W	250 x 12.5 x 0.63	10 x 1/2 x 0.025	18	100	1.63
AE3026B	250 x 12.5 x 0.63	10 x 1/2 x 0.025	24	100	1.63

### Flexible Silicon Shatterproof

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	Pack Size	Pack Weight (kg)
AM44L	300 x 12.5 x 0.63	12 x 1/2 x 0.025	14	100	1.80
AM44LPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	14	100	1.90
AM45W	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	1.80
AM45WPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	1.90
AM46B	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	1.80
AM46BPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	1.90
AM47X	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	1.80
AM47XPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	1.90
AM25L	250 x 12.5 x 0.63	10 x 1/2 x 0.025	18	100	1.60
AM26W	250 x 12.5 x 0.63	10 x 1/2 x 0.025	24	100	1.60

### Flexible Shatterproof HSS

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	Pack Size	Pack Weight (kg)
AS45A	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	1.80
AS45APB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	1.90
AS46D	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	1.80
AS46DPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	1.90
AS47P	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	1.80
AS47PPB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	1.90

## ECLIPSE Plus 30



A rigid, All Hard ground blade for highly accurate cutting and long life.

The All Hard blade is manufactured entirely from top quality M2 High Speed Steel and each blade is precisely hardened throughout its entire width to give a strong, rigid back, thus ensuring a perfectly straight cut time after time.

- 30% FASTER CUT
- SHARPER FIRST CUT
- LONGER LIFE



A virtually unbreakable blade suitable for DIY use.

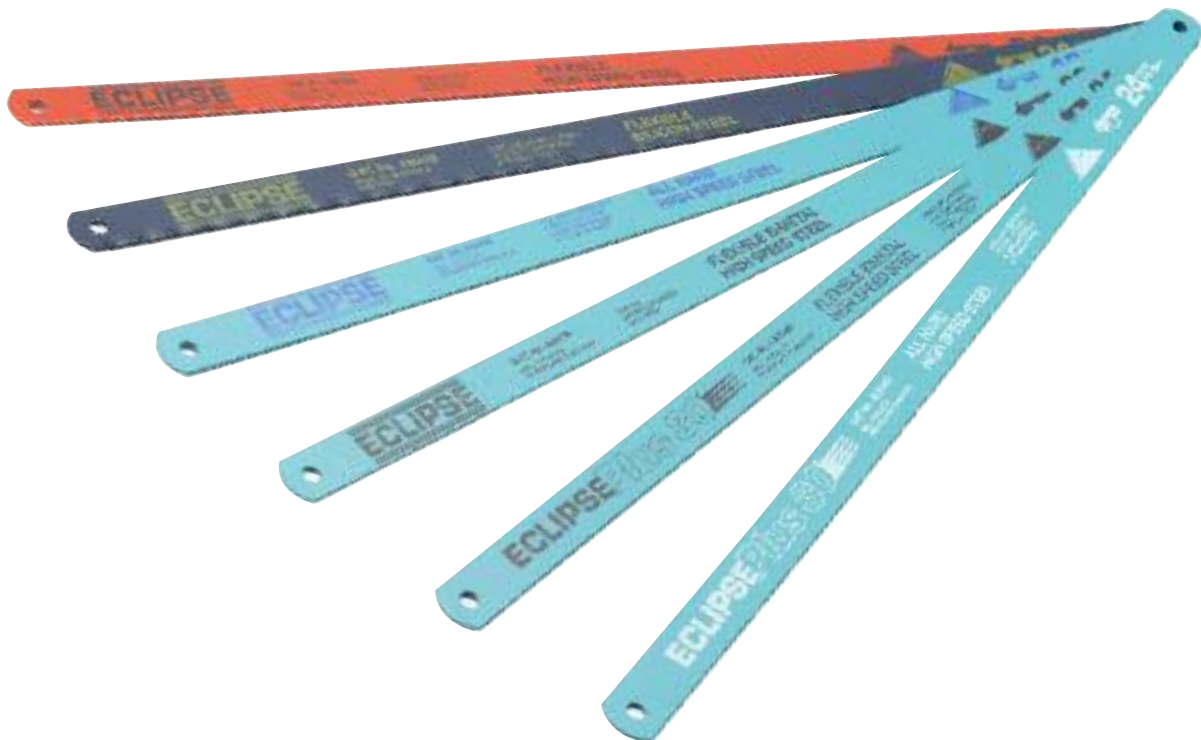
Manufactured from low alloy silicon steel, this blade is ideal for general purpose sawing of mild steel, brass, aluminium, copper and other soft metals.

- GENERAL PURPOSE
- SHATTERPROOF BLADE



A virtually unbreakable, edge hardened blade, which offers flexibility and safety but less wear resistance than an All Hard or bimetal blade.

- EDGE HARDENED
- SHATTERPROOF BLADE
- LONGER LIFE



**STATEMENT OF CONFORMITY**

All ECLIPSE Power & Hand Hacksaw Blades are manufactured under Quality Assurance system which is certified to BSEN ISO 9001:2008.



**POWER HACKSAW BLADES**

**SUPER  
HARDENED**

**ALL HARD HSS**

Manufactured entirely from top quality M2 High Speed Steel and hardened throughout, these blades are capable of cutting even the most difficult metals with great accuracy and combine consistent high performance with long life. This range also includes light power blades of 16mm (5/8") width.

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	PIN dia. mm	Pack Size	Pack Weight (kg)
AE144N	300 x 16 x 0.80	12 x 5/8 x 0.032	14	5	50	1.60
AE145L	300 x 16 x 0.80	12 x 5/8 x 0.032	18	5	50	1.60
AE146W	300 x 16 x 0.80	12 x 5/8 x 0.032	24	5	50	1.60
AE203V	300 x 25 x 1.25	12 x 1 x 0.050	10	8.2	10	0.79
AE204R	300 x 25 x 1.25	12 x 1 x 0.050	14	8.2	10	0.79
AE222B	350 x 25 x 1.25	14 x 1 x 0.050	6	8.2	10	0.94
AE223R	350 x 25 x 1.25	14 x 1 x 0.050	10	8.2	10	0.94
AE224H	350 x 25 x 1.25	14 x 1 x 0.050	14	8.2	10	0.94
AE342E	350 x 32 x 1.60	14 x 1 1/4 x 0.062	6	8.2	10	1.50
AE343V	350 x 32 x 1.60	14 x 1 1/4 x 0.062	10	8.2	10	1.50
AE344R	350 x 32 x 1.60	14 x 1 1/4 x 0.062	14	8.2	10	1.50
AE452W	350 x 38 x 2.00	14 x 1 1/2 x 0.075	6	8.2	10	1.06
AE243H	400 x 25 x 1.25	16 x 1 x 0.050	10	8.2	10	1.06
AE244M	400 x 25 x 1.25	16 x 1 x 0.050	14	8.2	10	1.06
AE352X	400 x 32 x 1.60	16 x 1 1/4 x 0.062	6	8.2	10	1.72
AE353K	400 x 32 x 1.60	16 x 1 1/4 x 0.062	10	8.2	10	1.72
AE354C	400 x 32 x 1.60	16 x 1 1/4 x 0.062	14	8.2	10	1.72
AE462G	400 x 38 x 2.00	16 x 1 1/2 x 0.075	6	8.2	10	2.50
AE263M	425 x 25 x 1.25	17 x 1 x 0.050	10	8.2	10	1.12
AE362V	425 x 32 x 1.60	17 x 1 1/4 x 0.062	6	8.2	10	1.80
AE363R	425 x 32 x 1.60	17 x 1 1/4 x 0.062	10	8.2	10	1.80
AE372K	450 x 32 x 1.60	18 x 1 1/4 x 0.062	6	10.2	10	1.88
AE373C	450 x 32 x 1.60	18 x 1 1/4 x 0.062	10	10.2	10	1.88
AE471W	450 x 38 x 2.00	18 x 1 1/2 x 0.075	4	10.2	10	2.68
AE472B	450 x 38 x 2.00	18 x 1 1/2 x 0.075	6	10.2	10	2.68
AE512M	450 x 45 x 2.25	18 x 1 3/4 x 0.088	6	10.2	10	3.90
AE522A	475 x 45 x 2.25	19 x 1 3/4 x 0.088	6	10.2	10	3.95
AE482E	500 x 38 x 2.00	20 x 1 1/2 x 0.075	6	10.2	10	3.00
AE492X	525 x 38 x 2.00	21 x 1 1/2 x 0.075	6	10.2	10	3.30
AE493K	525 x 38 x 2.00	21 x 1 1/2 x 0.075	10	10.2	10	3.30
AE541A	525 x 45 x 2.25	21 x 1 3/4 x 0.088	4	10.2	10	4.30
AE542D	525 x 45 x 2.25	21 x 1 3/4 x 0.088	6	10.2	10	4.30
AE622C	550 x 50 x 2.50	22 x 2 x 0.100	6	12.5	10	5.60
AE631R	575 x 50 x 2.50	23 x 2 x 0.100	4	12.5	10	5.93
AE632H	575 x 50 x 2.50	23 x 2 x 0.100	6	12.5	10	5.93
AE562P	600 x 45 x 2.25	24 x 1 3/4 x 0.088	6	12.5	10	4.90
AE641C	600 x 50 x 2.50	24 x 2 x 0.100	4	12.5	10	6.40
AE642J	600 x 50 x 2.50	24 x 2 x 0.100	6	12.5	10	6.40
AE651H	650 x 50 x 2.50	26 x 2 x 0.100	4	12.5	10	6.96
AE652M	650 x 50 x 2.50	26 x 2 x 0.100	6	12.5	10	6.96
AE662A	700 x 50 x 2.50	28 x 2 x 0.100	6	12.5	10	7.35
AE691F	750 x 63 x 2.50	30 x 2 1/2 x 0.100	4	12.5	10	10.08

**SUITABLE FOR USE WITH KASTO HACKSAWING MACHINES**

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	PIN dia. mm	Pack Size	Pack Weight (kg)
AE972G	450 x 38 x 2.00	18 x 1 1/2 x 0.075	10	8.5	10	2.80
AE982B	575 x 50 x 2.50	23 x 2 x 0.100	4	10.5	10	5.96
AE983X	575 x 50 x 2.50	23 x 2 x 0.100	6	10.5	10	5.96



**STATEMENT OF CONFORMITY**

All ECLIPSE Power & Hand Hacksaw Blades are manufactured under Quality Assurance system which is certified to BSEN ISO 9001:2008.

**POWER HACKSAW BLADES** ***SUPER  
HARDENED***

**BiMetal High Speed Steel**

Manufactured from High Speed Steel, electron beam welded to a spring steel back, these bimetal blades are able to withstand heavy feed pressures, giving economical, high cutting rates. Because these blades are virtually unbreakable in normal use, they are particularly safe and therefore suitable for use by unskilled operators or on older machines. They will cut through most types of metals including alloy and stainless steels.

Part No	Blade Size mm	Blade Size inches	Teeth per 25mm	PIN dia. mm	Pack Size	Pack Weight (kg)
AA203K	300 x 25 x 1.25	12 x 1 x 0.050	10	8.2	10	1.03
AA204C	300 x 25 x 1.25	12 x 1 x 0.050	14	8.2	10	1.03
AA223C	350 x 25 x 1.25	14 x 1 x 0.050	10	8.2	10	1.16
AA224J	350 x 25 x 1.25	14 x 1 x 0.050	14	8.2	10	1.16
AA342X	350 x 32 x 1.60	14 x 1¼ x 0.062	6	8.2	10	1.56
AA343K	350 x 32 x 1.60	14 x 1¼ x 0.062	10	8.2	10	1.56
AA352V	400 x 32 x 1.60	16 x 1¼ x 0.062	6	8.2	10	1.78
AA353R	400 x 32 x 1.60	16 x 1¼ x 0.062	10	8.2	10	1.78
AA462B	400 x 38 x 2.00	16 x 1½ x 0.075	6	8.2	10	2.68
AA463X	400 x 38 x 2.00	16 x 1½ x 0.075	10	8.2	10	2.68
AA373H	450 x 32 x 1.60	18 x 1¼ x 0.062	10	10.2	10	1.96
AA472E	450 x 38 x 2.00	18 x 1½ x 0.075	6	10.2	10	3.02
AA473V	450 x 38 x 2.00	18 x 1½ x 0.075	10	10.2	10	3.02
AA492V	525 x 38 x 2.00	21 x 1½ x 0.075	6	10.2	10	3.52



# SMALL SAW BLADES

## Small Saw Blades

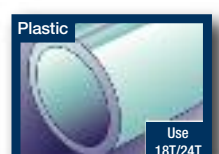
Part No	Description	Length	Teeth per 25mm	No. of blades in pack	Pack Size
71-418R	Bimetal blades	300mm (12")	18	2	10
71-418R5	Bimetal blades <b>NEW</b>	300mm (12")	18	5	10
71-418R10	Bimetal blades <b>NEW</b>	300mm (12")	18	10	10
71-424R	Bimetal blades	300mm (12")	24	2	10
71-424R5	Bimetal blades <b>NEW</b>	300mm (12")	24	5	10
71-424R10	Bimetal blades <b>NEW</b>	300mm (12")	24	10	10
71-432R	Bimetal blades	300mm (12")	32	2	10
71-432R5	Bimetal blades <b>NEW</b>	300mm (12")	32	5	10
71-432R10	Bimetal blades <b>NEW</b>	300mm (12")	32	10	10
71-224R	Silicon blades	300mm (12")	24	5	10
71-624R	Triple pack of Hacksaw Blades - 18TPI x 1, 24TPI x 1, 32TPI x 1		-	-	10
71-132R	Junior blades	150mm (6")	32	10	10
71-114R	Junior-wood	150mm (6")	14	10	10
71-230R	Padsaw blades				
	- wood	254mm (10")	10	1	10
	- metal	203mm (8")	24	1	10
71-CP7R	Coping Saw blades	165mm (6½")	14	10	10
71-CP24R	Coping Saw blades	165mm (6½")	24	10	10
71-FS5R	Fretsaw blades	125mm (5")	18	10	10
FS32	Fretsaw Blades	125mm (5")	32	100	1
FS22	Fretsaw Blades	125mm (5")	22	100	1
FS18	Fretsaw Blades	125mm (5")	18	100	1
FS16	Fretsaw Blades	125mm (5")	16	100	1
PS80	Piercing Saw Blades	125mm (5")	80	100	1
PS60	Piercing Saw Blades	125mm (5")	60	100	1
PS52	Piercing Saw Blades	125mm (5")	52	100	1
PS44	Piercing Saw Blades	125mm (5")	44	100	1
PS32	Piercing Saw Blades	125mm (5")	32	100	1
73-66SR	GP saw spare blade	375mm (15¾")	10	1	10



**NEW RETAIL HANGER -**  
With easy access flip-clip



## Teeth per inch guide





# JIGSAW BLADES

Part No	Type	Material	Cut	Teeth	TPI	Length	Cut Thickness	Pack Size
EPT101B	T-shank	Wood	Fine Straight	2.7mm	10	100mm	Up to 30mm	5
EPT101BR	T-shank	Wood	Fine Straight	2.5mm Reverse	10	100mm	Up to 30mm	5
EPT101D	T-shank	Wood	Fine Straight	4.0 - 5.2mm P	6	100mm	Up to 50mm	5
EPT111C	T-shank	Wood	Fast Straight	3.0mm	8	100mm	Up to 50mm	5
EPT118A	T-shank	Metal	Fine Straight	1.1 - 1.5mm P	21	75mm	Up to 3mm	5
EPT118B	T-shank	Metal	Fine Straight	1.9 - 2.3mm P	12	75mm	2.5 - 6.0mm	5
EPT118G	T-shank	Metal	Fine Straight	0.7mm	32	75mm	Up to 1.5mm	5
EPT119B	T-shank	Wood	Fine Straight	1.9 - 2.3mm P	12	75mm	Up to 15mm	5
EPT119BO	T-shank	Wood	Fine Curve	2.0mm	12	75mm	Up to 15mm	5
EPT127D	T-shank	Metal	Fast Straight	3.0mm	8	100mm	Sheet metal up to 15mm Sheet Aluminium up to 30mm Pipes up to 30mm	5
EPT144D	T-shank	Wood	Fast Straight	4.0 - 5.2mm P	6	100mm	Up to 50mm	5
EPT150RIFF	T-shank	Soft Ceramics	Fine Straight & Plastics	50 Grit	N/A	75mm	5 - 10mm	5
EPT244D	T-shank	Wood	Fast Curve	4.0 - 5.2mm P	6	100mm	Up to 50mm	5
EPT301CD	T-shank	Wood	Fine Straight	3.0mm	8	115mm	Up to 65mm	5
EPT318A	T-shank	Metal	Fine Straight	1.2mm	21	132mm	Sheet metal up to 3mm & Pipes Pipes up to 65mm	5
EPTNO1	Makita	Metal	Fine Straight	1.1mm	23	80mm	Metal up to 3mm Plastics up to 6mm	5
EPTNO2	Makita	Multi Purpose	Fine Straight	1.8mm	14	80mm	Metal up to 6mm Plastics up to 50mm	5
EPTNO3	Makita	Wood	Fine Straight	2.8mm	9	80mm	Softwood and Plastics up to 50mm	5
EPTNO10	Makita	Wood	Fast Straight	2.8mm	8	81mm	Softwood and Plastics up to 50mm	5

**P = Progressive**

A range of 19 Jigsaw blade types with improved cut speed and length of life, ECLIPSE Jigsaw blades can tackle almost all cutting tasks using a power jigsaw.

Available in two standard fittings, Eclipse has blades to cut wood, sheet or board materials, sheet metal or pipes and even a blade to cut soft ceramic tiles or plastics.

- 'T' shank blades to fit most jigsaw types including AEG Black & Decker, Bosch, DeWalt, Festool, Hitachi, Makita, Metabo, Skil etc.
- Makita style shank to fit standard Makita Jigsaws.

Our 'T' Shanks are colour coded to make it easier for the user to choose the correct blade.

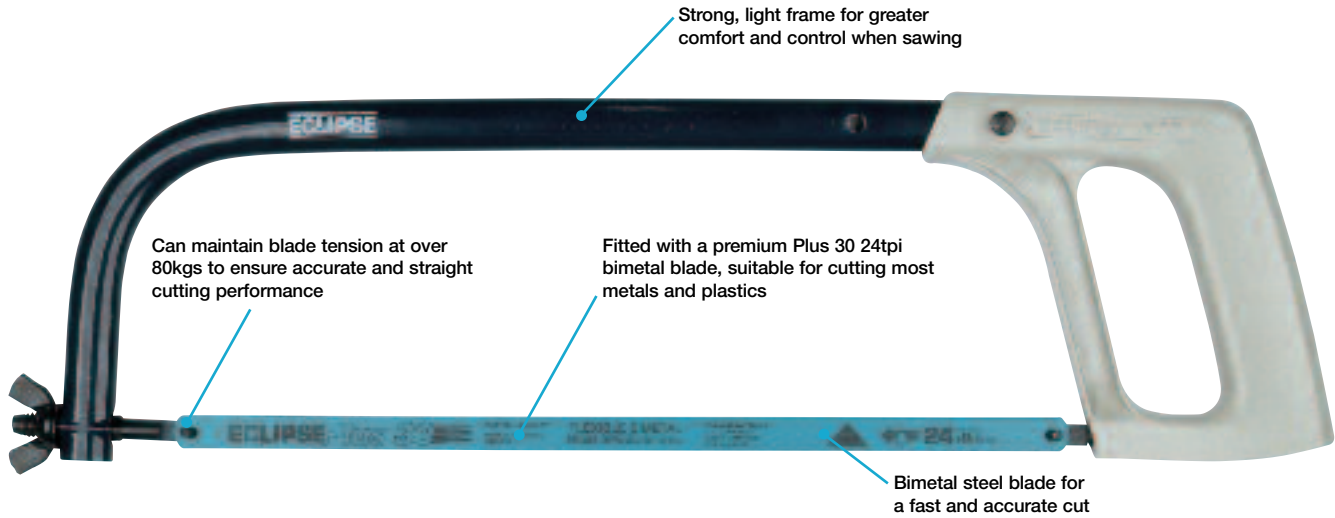


Product Information sheet available on request.



**SAW FRAMES**

**70-20TR**



**SAW FRAMES**

**70-22TR**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-22TR	Hacksaw SF	400mm (16")	132mm (5.1")	5	3.6



The new 22T has soft-feel handle, Epoxy coated moulded section steel frame and comes complete with an **ECLIPSE** +30 bimetal blade.

**70-20TR/20TND**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-20TR	Prof. Hacksaw	465mm (18 3/8")	130mm (5")	5	3.85
20TND*	Prof. Hacksaw	465mm (18 3/8")	130mm (5")	20	14.75



The world famous, best selling hacksaw featuring a die cast handle, tubular frame complete with an **ECLIPSE** bimetal blade. The 20T has set the standard for all other makes - but the best is still the original 20T from **ECLIPSE**.

\* Hacksaws without Plus 30 blades are only available in selected non U.K. markets

**70-20TSF**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-20TSF	Professional SF	460mm (18 1/8")	127mm (5")	5	2.5



The world famous, best selling hacksaw featuring a die cast handle, tubular frame complete with an **ECLIPSE** +30 bimetal blade, but with the added comfort of a soft-feel handle.

**18TND**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
18TND*	Hacksaw	443mm (17 3/8")	132mm (5 1/4")	10	4.4



Tremendous value for money without compromising on the strength and lightness synonymous with the **ECLIPSE** brand. Comes complete with an **ECLIPSE** bimetal blade.

\* Hacksaws without Plus 30 blades are only available in selected non U.K. markets

**16TND**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
16TND*	Hacksaw	430mm (16 5/8")	132mm (5 1/4")	10	4.4



A lightweight, economical hacksaw with a strong, box section tubular steel frame and a comfortable and durable cast aluminium handle. In addition, the extra long location pin gives increased security of the tensioning bit. Comes complete with an **ECLIPSE** bimetal blade.

\* Hacksaws without Plus 30 blades are only available in selected non U.K. markets

**40PG30/40PG**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
40PG30	Pistol Grip	485mm (19")	120mm (4 3/4")	5	3.50
40PG	Pistol Grip	485mm (19")	120mm (4 3/4")	5	3.50



A traditional pistol grip hacksaw with diecast handle, solid frame and an **ECLIPSE** bimetal blade.

- 40PG30 Includes a Plus30 blade
- 40PG Includes a Standard blade

**STATEMENT OF CONFORMITY**

All **ECLIPSE** Power & Hand Hacksaw Blades are manufactured under Quality Assurance system which is certified to BSEN ISO 9001:2008.

**SAW FRAMES**

**70-400R/400ND**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-400R	Handyman	400mm (15 3/4")	130mm (5")	5	2.5
400ND*	Handyman	400mm (15 3/4")	130mm (5")	20	9.20



A budget hacksaw with tubular steel frame and plastic handle supplied with an **ECLIPSE** flexible silicon steel blade.

**70-675R**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-675R	Mini Saw	250mm (10")	100mm (4")	5	1.00



A more substantial version of the Junior hacksaw with plastic moulded pistol grip handle, steel frame and **ECLIPSE** blade. Blade tensioning device incorporated in the handle.

**70-14JR**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-14JR	Junior	260mm (10 1/4")	67mm (2 5/8")	5	0.70



The best selling Junior Hacksaw with an epoxy coated steel frame and **ECLIPSE** metal cutting blade.

**70-130R**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-130R	Pad Saw	276mm (10 7/8")	-	5	1.40



Padsaw for sawing in confined places, e.g. when cutting out keyholes or letter boxes. Diecast handle supplied with 2 blades, one for wood cutting and one for metal. The handle can hold the blade in one of two positions for maximum flexibility in use.



**72-66XR**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
72-66XR	General Purpose	465mm (18 3/4")	-	5	2.70
72-66SR	GP Spare Blade	375mm (15 1/4")	-	10	-



General purpose saw for cutting through wood, plastics and soft metals (such as nails). Polyester coated blade and diecast 9 position handle to enable cutting in difficult positions.

**70-CP1R**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-CP1R	Coping	315mm (12 3/8")	130mm (5 1/8")	5	1.50



Coping saw for cutting and shaping in wood. Comfortable wooden handle and steel frame. Blades can be positioned at any angle to the frame.

**PS51**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
PS51	Piercing Saw	292mm (11 1/2")	95mm (3 3/4")	5	0.90



Piercing saw for use in fine metal work such as jewellery. Comfortable wooden handle and steel frame. Includes 32tpi blade.

**70-FS1R**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-FS1R	Fret	270mm (10 5/8")	300mm (11 3/8")	5	2.05



Fretsaw for fine cutting work in thin materials such as wood, bone, plastics, etc - ideal for model makers. Comfortable wooden handle and steel frame.

**70-CP1RSF - Soft feel handle**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-CP1RSF	Coping Saw SF	317mm (12 5/8")	130mm (5 1/8")	5	1.50



Coping saw for cutting and shaping in wood, with a soft-feel handle for extra comfort and steel frame. Blades can be positioned at any angle to the frame.



**70-FS1RSF - Soft feel handle**

Code	Description	Length	Height	Packs per outer	Box Weight (Kg)
70-FS1R	Fret	270mm (10 5/8")	300mm (11 3/8")	5	2.05



Fretsaw for fine cutting work in thin materials such as wood, bone, plastics, etc - ideal for model makers. Comfortable soft feel handle and steel frame.



# HOLESAWS

## HOLESAWS

**ECLIPSE** bi-metal holesaws are constructed from hardened M3 HSS teeth, electron-beam welded to a tough alloy body and cap.

This gives them exceptional strength, durability and shatter resistance.

Due to this superior and robust construction, **Eclipse** holesaws are capable of cutting through virtually any machineable material.

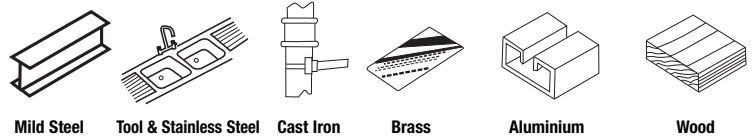
Available with (4/6 TPI) vari-pitch teeth for all-purpose applications or constant pitch (6 TPI) for thin sheet metal applications.

- **A SHARPER, MORE ACCURATE CUT**
- **CUTS FASTER**
- **STAYS SHARPER FOR LONGER**

Available in boxed singles or 16mm - 114mm on Retail Hanging Tabs.



See leaflet supplied with each Holesaw for material type and speed.



### VARI-PITCH - All purpose Holesaws 4/6 pitch teeth

Part No	Diameter	Part No	Diameter	Part No	Diameter
EBV30-14	14mm (9/16")	EBV30-16	16mm (5/8")	EBV30-17	17mm (11/16")
EBV30-19	19mm (3/4")	EBV30-20	20mm (25/32")	EBV30-21	21mm (13/16")
EBV30-22	22mm (7/8")	EBV30-24	24mm (15/16")	EBV30-25	25mm (1")
EBV30-27	27mm (1 1/16")	EBV30-29	29mm (1 1/8")	EBV30-30	30mm (1 3/16")
EBV30-32	32mm (1 1/4")	EBV30-33	33mm (1 5/16")	EBV30-35	35mm (1 3/8")
EBV30-37	37mm (1 7/16")	EBV30-38	38mm (1 1/2")	EBV30-40	40mm (1 9/16")
EBV30-41	41mm (1 5/8")	EBV30-43	43mm (1 11/16")	EBV30-44	44mm (1 3/4")
EBV30-46	46mm (1 13/16")	EBV30-48	48mm (1 7/8")	EBV30-51	51mm (2")
EBV30-52	52mm (2 1/16")	EBV30-54	54mm (2 1/8")	EBV30-55	55mm (2 3/16")
EBV30-57	57mm (2 1/4")	EBV30-59	59mm (2 5/16")	EBV30-60	60mm (2 3/8")
EBV30-64	64mm (2 1/2")	EBV30-65	65mm (2 9/16")	EBV30-67	67mm (2 5/8")
EBV30-68	68mm (2 11/16")	EBV30-70	70mm (2 3/4")	EBV30-73	73mm (2 7/8")
EBV30-76	76mm (3")	EBV30-79	79mm (3 1/8")	EBV30-83	83mm (3 1/4")
EBV30-86	86mm (3 3/8")	EBV30-89	89mm (3 1/2")	EBV30-92	92mm (3 5/8")
EBV30-95	95mm (3 3/4")	EBV30-98	98mm (3 7/8")	EBV30-102	102mm (4")
EBV30-105	105mm (4 1/8")	EBV30-108	108mm (4 1/4")	EBV30-111	111mm (4 3/8")
EBV30-114	114mm (4 1/2")	EBV30-121	121mm (4 3/4")	EBV30-127	127mm (5")
EBV30-140	140mm (5 1/2")	EBV30-152	152mm (6")		

\* For retail hanger versions add **-RET** to the end of the part number (**-RE** for sizes above 102mm)

### CONSTANT PITCH - Thin sheet metal Holesaws constant pitch teeth

Part No	Diameter	Part No	Diameter	Part No	Diameter
EBC-16	16mm (5/8")	EBC-27	27mm (1 1/16")	EBC-60	60mm (2 3/8")
EBC-19	19mm (3/4")	EBC-32	32mm (1 1/4")	EBC-64	64mm (2 1/2")
EBC-20	20mm (25/32")	EBC-35	35mm (1 3/8")	EBC-76	76mm (3")
EBC-22	22mm (7/8")	EBC-38	38mm (1 1/2")		
EBC-25	25mm (1")	EBC-51	51mm (2")		

All packed in single units.

## HOLESAW KITS

### EE30-K - Electricians Kit

Code	Description	Contains
EE30-K	Electricians Kit	<b>Holesaws:</b> 16mm, 20mm, 25mm, 32mm, 38mm, 51mm <b>Arbors:</b> E4, E2



### EGP30-K - General Purpose Kit

Code	Description	Contains
EGP30-K	General Purpose Kit	<b>Holesaws:</b> 22mm, 29mm, 35mm, 44mm, 51mm, 64mm <b>Arbors:</b> E4, E2



### EEP30-K - Plumbers & Electricians Kit

Code	Description	Contains
EEP30-K	Plumbers & Electricians Kit	<b>Holesaws:</b> 20mm, 22mm, 29mm, 35mm, 38mm, 44mm, 51mm, 57mm, 64mm <b>Arbors:</b> E4, E2, E11, <b>Plus:</b> EE12 EXTENSION HEXKEY 14



## ARBORS

### ACCESSORIES

Part No	Description	Size	Pack Size
<b>1</b> EE12	Arbor Extension	300mm (12")	1
<b>2</b> EN1	Arbor Adaptor	-	10
<b>3</b> ED1	Pilot Drill	70mm (2¾")	10
<b>4</b> ED2	Pilot Drill	114mm (4½")	10

Drive plates are available for use with other holesaws which may not feature 'solid cap' construction, to improve stability in use.

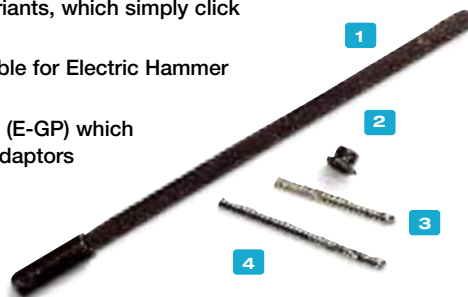
Also available: Arbor extension rod and adaptor to reduce screw thread size and spare pilot drills.

### ARBOR SELECTION GUIDE

Arbor	Holesaw Diameter	Screw Thread	Shank Type	Drill Chuck
<b>5</b> E4	14mm-30mm (½"-1¾")	½"-20	6mm (¼") Round	6mm (¼")
<b>6</b> E1	14mm-30mm (½"-1¾")	½"-20	10mm (⅜") HEX	10mm (⅜")
<b>7</b> E11	14mm-30mm (½"-1¾")	½"-20	11mm (⅞") HEX	13mm (½")
<b>8</b> E6	32mm-152mm (1¼"-6")	⅝"-18	11mm (⅞") HEX	13mm (½")
<b>9</b> E2	32mm-152mm (1¼"-6")	⅝"-18	11mm (⅞") HEX	13mm (½")
<b>10</b> E2QR	32mm-152mm (1¼"-6")	⅝"-18	11mm (⅞") HEX	13mm (½")
<b>11</b> E-GP	14mm-152mm (½"-6")	½"-20	11mm (⅞") HEX	13mm (½")

The range of Eclipse Holesaw Arbors includes:

- Standard arbors suitable for all applicable sizes:
- Quick release (QR) variants, which simply click the pins into place.
- SDS plus arbors suitable for Electric Hammer drills.
- A general purpose set (E-GP) which includes a variety of adaptors to fit all sizes.



## BOLT CUTTERS

### Bolt Cutters - High Tensile, Tubular Handles

Part No	Total Length	Max. Cutting Capacity	Pack Qty
ETBC14	14" (355mm)	5.0mm ( $\frac{3}{16}$ "	20
ETBC18	18" (460mm)	6.4mm ( $\frac{1}{4}$ "	10
ETBC24	24" (610mm)	7.9mm ( $\frac{5}{16}$ "	8
ETBC30	30" (762mm)	9.5mm ( $\frac{3}{8}$ "	5
ETBC36	36" (915mm)	11.1mm ( $\frac{7}{16}$ "	4



High tensile - for cutting hard materials up to 50HRC. Centre cut, strap adjusted bolt cutters with lightweight tubular handles that do not compromise strength - every pound of force applied is amplified to produce 80lbs (36kg) of force between the jaws. To maximise safety the built in stops will yield rather than break, whilst the drop forged jaws are machined to precise specifications for a resilient body and rigid cutting edge.

#### Part No

- ETBC14-RH2
- ETBC18-RH2
- ETBC24-RH2
- ETBC30-RH2
- ETBC36-RH2

#### Spares For Boltcutters - Tubular Handles

- Replacement Jaws & Strap Set 14" (355mm)
- Replacement Jaws & Strap Set 18" (460mm)
- Replacement Jaws & Strap Set 24" (610mm)
- Replacement Jaws & Strap Set 30" (762mm)
- Replacement Jaws & Strap Set 36" (915mm)

### Bolt Cutters - High Tensile, Forged Handles

Part No	Total Length	Max. Cutting Capacity	Pack Qty
EFBC14	14" (355mm)	5.0mm ( $\frac{3}{16}$ "	12
EFBC18	18" (460mm)	6.4mm ( $\frac{1}{4}$ "	12
EFBC24	24" (610mm)	7.9mm ( $\frac{5}{16}$ "	12
EFBC30	30" (762mm)	9.5mm ( $\frac{3}{8}$ "	2
EFBC36	36" (915mm)	11.1mm ( $\frac{7}{16}$ "	6
EFBC42	42" (1070mm)	13mm ( $\frac{1}{2}$ "	4



High tensile - for cutting hard materials up to 50HRC. Centre cut, arm adjusted bolt cutters with solid forged handles for maximum strength - every pound of force applied is amplified to produce 80lbs (36kg) of force between the jaws. To maximise safety the built in stops will yield rather than break, whilst the drop forged jaws are machined to precise specifications for a resilient body and rigid cutting edge.

#### Part No

- EFBC14-RH
- EFBC18-RH
- EFBC24-RH
- EFBC30-RH
- EFBC36-RH
- EFBC42-RH

#### Spares For Boltcutters - Forged Handles

- Replacement Head - 14" (355mm)
- Replacement Head - 18" (460mm)
- Replacement Head - 24" (610mm)
- Replacement Head - 30" (762mm)
- Replacement Head - 36" (915mm)
- Replacement Head - 42" (1070mm)



## END CUT BOLT, CABLE & WIRE CUTTERS

### End Cut Bolt Cutter - 24"/600mm

Part No	Total Length	Max. Cutting Capacity	Pack Qty
EBC-EC24	24" (600mm)	7.9mm (5/16")	1



Pincer movement makes the bolt cutter ideal for cutting in restricted areas or where a side cut is difficult, eg when cutting off bolt heads. Jaws are drop forged and machined to precise specifications for a resilient body and rigid cutting edge. Handles are solid forged and incorporate safety stops that will yield rather than break.

### Cable Cutters - 24"/600mm

Part No	Total Length	Max. Cutting Capacity	Pack Qty
ECC16	24" (600mm)	16mm wire rope, and up to 21mm armoured cable	1



For cutting 16mm wire rope and up to 21mm armoured cable. The lightweight tubular steel handles reduce user fatigue during prolonged use, whilst the rubber hand grips reduce the risk of slippage. The jaws have hardened cutting edges for easy cutting.

### Wire & Rope Cutter - 8"/200mm

Part No	Total Length	Pack Qty
EWC8	8" (200mm)	6

Material	Recommended Capacity
Mild steel strand	6.5mm
High tensile steel rope (180kg/mm <sup>2</sup> )	5.0mm
Soft steel wire (34kg/mm <sup>2</sup> )	5.0mm
Copper/aluminium rod	5.0mm
Steel rod (66kg/mm <sup>2</sup> )	4.0mm
Spring wire (hardened & tempered) (180kg/mm <sup>2</sup> )	2.5mm
Electric cable (not armoured)	6.5mm







Suitable for a multitude of agricultural, garden, automotive and marine cutting tasks. Angled and hardened blades ensure a clean cut, whilst the spring loaded head gives a fast, smooth cutting action. Includes non-slip rubber handles.

## AVIATION SNIPS

### Aviation Snips



Part No	Description	Colour Code	Cutting Capacity (cold rolled steel)	Cutting Capacity (stainless steel)	Pack Qty
EAS-S	Straight and Wide Curves		1.22mm	0.7mm	6
EAS-R	Right and Straight Cut		1.22mm	0.7mm	6
EAS-L	Left and Straight Cut		1.22mm	0.7mm	6
EAS-SL	Long Cut / Straight Cut & Wide Curves		1.22mm	0.7mm	6



Cuts up to 1.2mm cold rolled steel and 0.7mm stainless steel. Drop forged alloy steel blades give a longer cutting life, whilst the spring loaded handles ensure a fast, smooth cutting action.

#### PACKAGING

- Half sized transparent case allows the user to handle the snips and test the cutting action
- Small packaging size minimizes space wastage and the security tie limits the risk of theft
- Durability of the case prevents damage to the blades and provides an ideal storage facility for the snips



## GENERAL PURPOSE & JEWELLERS' SNIPS

### General Purpose Snips



For cutting sheet metal. The precision hollow ground blades reduce friction for an easy cutting action and, since they are also induction hardened and tempered, they can be easily re-sharpened. The spring loaded nut allows for easy adjustment to increase the working life, whilst the high quality steel drop forged handles offer maximum strength.

Part No	Total Length	Cutting Capacity (mild steel up to 18g)	Cutting Capacity (stainless steel up to 23g)	Pack Qty
ESGP-8	8" (200mm)	0.8mm	0.46mm	6
ESGP-10	10" (250mm)	1.0mm	0.46mm	6
ESGP-12	12" (300mm)	1.2mm	0.46mm	6
ESGP-14	14" (355mm)	1.4mm*	1.2mm**	6

\* up to 16g \*\* up to 18g



### General Purpose Snips with Spring

### Jewellers' Snips



For cutting sheet metal. Spring handle for ease of use during repetitive cutting. The precision hollow ground blades reduce friction for an easy cutting action and, since they are also induction hardened and tempered, they can be easily re-sharpened. The leather strap ensures safe storage.

Part No	Total Length	Cutting Capacity (mild steel up to 18g)	Cutting Capacity (stainless steel up to 23g)	Pack Qty
ESGPS-8	8" (200mm)	0.8mm	0.46mm	6
ESGPS-10	10" (250mm)	1.0mm	0.46mm	6
ESGPS-12	12" (300mm)	1.2mm	0.46mm	6
ESGPS-14	14" (355mm)	1.4mm*	1.2mm**	6

\* up to 16g \*\* up to 18g



For cutting copper, silver and gold. The precision hollow ground blades reduce friction for an easy cutting action and, since they are also induction hardened and tempered, they can be easily re-sharpened. Integrated stops prevent trapped fingers without compromising the jaw capacity.

Part No	Size	Cutting Capacity (mild steel up to 18g)	Cutting Capacity (stainless steel up to 23g)	Pack Qty
ESJ-7S	7" / 180mm (straight blade)	0.8mm	0.46mm	10
ESJ-7C	7" / 180mm (curved blade)	0.8mm	0.46mm	10



**COLD CHISELS**  
**WOOD CHISELS**  
**WRECKING BARS**  
**GENERAL HAND TOOLS**



**COLD CHISELS**

Cold chisels and bolsters upgraded to chrome vanadium. This is both better quality and harder wearing, so needs re-sharpening less often, and is also even more resistant to mushrooming after prolonged use.

**Flat Chisels**

For general cutting and chipping of metals, and for shaping, facing and cutting of stonework.



Part No	Length	Blade Width	Octagon Dia.	Pack Qty
CB24A	100mm (4")	6.35mm (1/4")	6.35mm (1/4")	10
CB28G	150mm (6")	6.35mm (1/4")	6.35mm (1/4")	10
CB46T	125mm (5")	9.5mm (3/8")	9.5mm (3/8")	10
CB48E	150mm (6")	9.5mm (3/8")	9.5mm (3/8")	10
CB68V	150mm (6")	12.7mm (1/2")	12.7mm (1/2")	10
CB70H	205mm (8")	12.7mm (1/2")	12.7mm (1/2")	10
CB72F	250mm (10")	12.7mm (1/2")	12.7mm (1/2")	10
CB73N	300mm (12")	12.7mm (1/2")	12.7mm (1/2")	10
CB88R	150mm (6")	15.9mm (5/8")	12.7mm (1/2")	10
CB89H	180mm (7")	15.9mm (5/8")	12.7mm (1/2")	10
CB90M	205mm (8")	15.9mm (5/8")	12.7mm (1/2")	10
CB92N	250mm (10")	15.9mm (5/8")	12.7mm (1/2")	10
CB108D	150mm (6")	19mm (3/4")	15.9mm (5/8")	10
CB110T	205mm (8")	19mm (3/4")	15.9mm (5/8")	10
CB111G	230mm (9")	19mm (3/4")	15.9mm (5/8")	10
CB112E	250mm (10")	19mm (3/4")	15.9mm (5/8")	10
CB113V	300mm (12")	19mm (3/4")	15.9mm (5/8")	10
CB116M	450mm (18")	19mm (3/4")	15.9mm (5/8")	5
CB150E	205mm (8")	25.4mm (1")	22.2mm (7/8")	5
CB151V	230mm (9")	25.4mm (1")	22.2mm (7/8")	5
CB152R	250mm (10")	25.4mm (1")	22.2mm (7/8")	5
CB153H	300mm (12")	25.4mm (1")	22.2mm (7/8")	5
CB156N	450mm (18")	25.4mm (1")	22.2mm (7/8")	5

**Brick Bolsters**

For cutting bricks.



Part No	Length	Blade Width	Octagon Dia.	Pack Qty
CB730K	230mm (9")	75mm (3")	19mm (3/4")	5
CB740K	230mm (9")	100mm (4")	25mm (1")	5
100V with rubber grip	230mm (9")	100mm (4")	25mm (1")	5

**Floorboard Chisel**

For cutting floorboard tongues before lifting.



Part No	Length	Blade Width	Octagon Dia.	Pack Qty
CB770K	230mm (9")	56mm (2 1/4")	17.5mm (5/8")	5

**Crosscut Chisels**

For cutting slots in keyways.



Part No	Length	Blade Width	Octagon Dia.	Pack Qty
CB534A	150mm (6")	6.35mm (1/4")	12.7mm (1/2")	10

**Plugging Chisel**

For cutting out mortar from between bricks.



Part No	Length	Blade Width	Octagon Dia.	Pack Qty
CB827V	250mm (10")	6.35mm (1/4")	15.9mm (5/8")	5

**Concrete Point Chisels**

For breaking up concrete.



Part No	Length	Blade Width	Octagon Dia.	Pack Qty
CB292R	250mm (10")	4mm (5/32")	15.9mm (5/8")	10
CB313P	300mm (12")	4.8mm (3/16")	19mm (3/4")	10
CB353G	300mm (12")	6.35mm (1/4")	25mm (1")	5

**Guarded Chisels**

Hand guarded cold chisels fitted with strong guard designed to withstand the heaviest hammer blow and so protect the user's hand from injury.



Part No	Type	Length	Blade Width	Hexagon Dia.	Pack Qty
22-410R/07	Grooving	250mm (10")	6.35mm (1/4")	15.9mm (5/8")	5
22-208R/07	Flat	205mm (8")	19mm (3/4")	15.9mm (5/8")	5
22-210R/07	Flat	250mm (10")	25.4mm (1")	22.2mm (7/8")	5
22-639R/07	Brick Cutting	230mm (9")	75mm (3")	19mm (3/4")	5
22-649R/07	Brick Cutting	230mm (9")	100mm (4")	25mm (1")	5
22-509R/07	Floorboard	230mm (9")	63.5mm (2 1/2")	17.5mm (11/16")	5

## WOOD CHISELS

### Wood Chisels

Part No	Length	Pack Qty
BEWC3/8E	3/8" (9mm) Bevel Edge	5
BEWC1/4E	1/4" (6mm) Bevel Edge	5
BEWC5/8E	5/8" (15mm) Bevel Edge	5
BEWC3/4E	3/4" (19mm) Bevel Edge	5
BEWC1/2E	1/2" (12mm) Bevel Edge	5
BEWC1E	1" (25mm) Bevel Edge	5
BEWC11/4E	1.1/4" (32mm) Bevel Edge	5
BEWC11/2E	1.1/2" (38mm) Bevel Edge	5
BEWC2E	2" (50mm) Bevel Edge	5
BEWC3BCE	3pc Set: 1/2", 3/4", 1" - blister packed	5
BEWC4BCE	4pc Set: 1/4", 1/2", 3/4", 1" - blister packed	5
BEWC6BCE	6pc Set: 1/4", 3/8", 1/2", 3/4", 1", 1.1/4" - blister packed	5
BEWC3PSE	3pc Set: 1/2", 3/4", 1" - wallet	5
BEWC6PSE	6pc Set: 1/4", 3/8", 1/2", 3/4", 1", 1.1/4" - boxed	5



## WRECKING BARS

### Wrecking Bars

Made from heat treated, solid forged steel for maximum strength. 30" and 36" are for demolishing large timber structures and dismantling concrete and metal constructions. 18" and 24" size are ideal for demolishing plasterboard, dismantling timber frames and pulling up floorboards. The light duty 14" is designed to pull large nails and prise or dismantle tough objects.

Part No	Size	Pack Qty
RIPPA14	350mm (14")	1
RIPPA18	450mm (18")	1
RIPPA24	600mm (24")	1
RIPPA30	750mm (30")	1
RIPPA36	900mm (36")	1
RIPPA3PS	Boxed set contains: 14" 24" 36" Wrecking bars	1





## UTILITY KNIVES & BLADES

### Standard Trimming Knife

Standard retractable utility knife with a zinc alloy body. Supplied with one blade.



Part No	Description	Pack Qty
E1770	Standard Trimming Knife	12 (bulk pack)

### Heavy Duty Trimming Knife

Heavy duty retractable utility knife designed to fit the hand and maintain a strong grip. Ideal for cutting tough materials such as carpets, roofing felt and vinyl. Hinged body assists quick blade change. Supplied with one blade.



Part No	Description	Pack Qty
E1780	Heavy Duty Trimming Knife	8 (bulk pack)

### Utility Blades

Supplied in handy dispensers which allow easy access to one blade at a time and minimises contact with the blade.



Part No	Description	Pack Qty
1702BP	Straight	100
1702R	Straight	10
1603BC	Hooked (no dispenser cellophaned in bundles of 10)	100

## TAPE MEASURES

### Tape Measures

Auto lock system. Magnetic hook & pause button. Blades with both metric and imperial graduations or just metric. Belt clip and wrist band. Ergonomic soft feel grip.



Part No	Size	Description	Pack Qty
E30430	3m (10ft)	Metric & Imperial Graduations	12
E30435	5m (16ft)	Metric & Imperial Graduations	12
E30440	8m (26ft)	Metric & Imperial Graduations	6
E30430M	3m	Metric Only Graduations	12
E30435M	5m	Metric Only Graduations	12
E30440M	8m	Metric Only Graduations	6

**LOCKING PLIERS  
LOCKING C-CLAMPS**

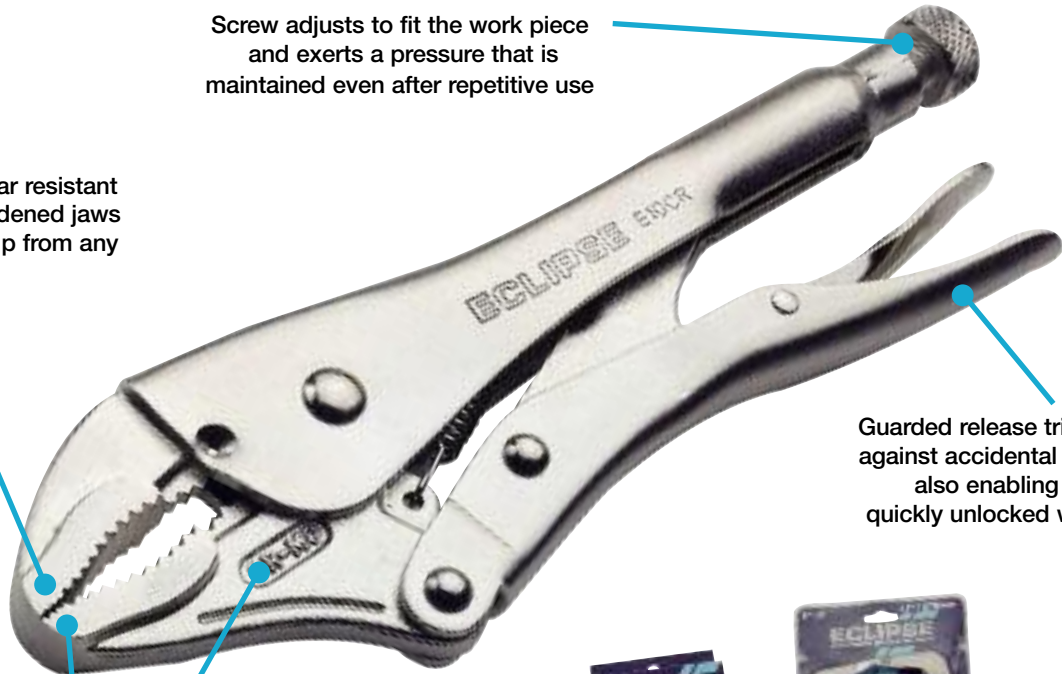


# A range of top quality locking pliers and locking C-Clamps for the professional user

Screw adjusts to fit the work piece and exerts a pressure that is maintained even after repetitive use

Heat treated, wear resistant serrated and hardened jaws provide a firm grip from any angle

Guarded release trigger protects against accidental release whilst also enabling the tool to be quickly unlocked when required



Body and jaws on all locking pliers made from high grade chrome molybdenum steel to withstand heavy duty working conditions, such as welding and hammer strikes

Retail Packaging



## Locking Pliers - Typical Applications

Part No.	HVAC	Welding	Plumbing	Automotive	Electrical	Woodworking
E7R E10R	Clamping, crimping	Clamping flat, square & hex surfaces	Non slip pipe wrench, portable vice, twisting wire	Clamping, removing bolts	Portable vice, twisting wire	Portable vice, pulling out nails
E10CR	Clamping, crimping	Clamping round surfaces	Non slip pipe wrench, portable vice, twisting wire	Clamping, removing bolts	Portable vice, screwdriver lever	Portable vice, pulling out nails
E5WR E7WR E10WR	Clamping, crimping, wire cutting	Clamping round surfaces	Non slip pipe wrench, portable vice, cutting & twisting wire	Clamping, removing bolts	Portable vice, screwdriver lever, cutting & twisting wire	Portable vice, pulling out nails, cutting wire
E6LN	Clamping, crimping, wire cutting	Clamping in difficult-to-reach spaces	Repairing faucets	Removing brake springs & clips, general clamping	Bending & cutting wire	Pulling nails & staples
E6SP E11SP	Clamping welding supports	Clamping welding supports	Temporary pipe hanger	Sheet metal repair work	-	Clamping long reach, delicate woodworking work pieces
E6R E11R	Clamping welding supports	Clamping welding supports	Temporary pipe hanger	Sheet metal repair work	-	Clamping long reach woodworking work pieces
E20R	Removing components, holding awkward shapes	Removing components, holding awkward shapes	Holding awkward shapes	Removing components, holding awkward shapes	-	-



## LOCKING JAW PLIERS

### STRAIGHT JAW

Part No.	Size	Maximum Jaw Capacity	Box Qty	
E7R	175mm (7")	34mm (1 <sup>5</sup> / <sub>16</sub> ")	5	Straight jaws are ideal for use with flat, square and hex workpieces
E10R	250mm (10")	45mm (1 <sup>3</sup> / <sub>4</sub> ")	5	



### CURVED JAW

Part No.	Size	Maximum Jaw Capacity	Box Qty	
E10CR	250mm (10")	45mm (1 <sup>3</sup> / <sub>4</sub> ")	5	Designed for gripping and clamping round surfaces



### CURVED JAW with wire cutter

Part No.	Size	Maximum Jaw Capacity	Box Qty	
E5WR	125mm (5")	32mm (1 <sup>1</sup> / <sub>4</sub> ")	5	Designed for gripping and clamping round surfaces. Incorporates a wire cutter
E7WR	175mm (7")	34mm (1 <sup>1</sup> / <sub>2</sub> ")	5	
E10WR	250mm (10")	34mm (1 <sup>3</sup> / <sub>8</sub> ")	5	



### LONG NOSE with wire cutter

Part No.	Size	Maximum Jaw Capacity	Box Qty	
E6LN	150mm (6")	51mm (2")	5	Particularly suited for clamping and tightening bolts in confined spaces. Also ideal for precision work. Incorporates a wire cutter



## LOCKING C-CLAMPS

### LOCKING C-CLAMPS with regular tips

Part No.	Size	Maximum Jaw Capacity	Box Qty
E6R	150mm (6")	44mm (1¾")	5
E11R	275mm (11")	80mm (3½")	5

The wide opening jaws are designed to reach around and grip awkward shapes. Provide a deep reach



### LOCKING C-CLAMPS with swivel pads

Part No.	Size	Maximum Jaw Capacity	Box Qty
E6SP	150mm (6")	44mm (1¾")	5
E11SP	275mm (11")	80mm (3½")	5

The wide opening jaws are designed to reach around and grip awkward shapes whilst the swivel pad protect delicate workpieces from damage. Provide a deep reach



### LOCKING WELDING CLAMP

Part No.	Maximum Jaw Capacity	Box Qty
E9R	44mm (1¾")	6

U-shaped jaws accurately align round and square shaped tubing when welding



### LOCKING CHAIN CLAMP

Part No.	Chain Size	Box Qty
E20R	455mm (18")	5

Grips and holds awkward shapes up to 18"/455mm in diameter. Ideal for working with pipes in confined spaces, eg. up against a wall



## LOAD TESTING



Rockwell Hardness Testing



Torsion Testing



Tensile Compress Testing



# ECLIPSE PLIERS SPECIAL PURPOSE PLIERS



**Pliers cutting key**

Symbol	Type of Wire	Example	Tensile strength ca. N/mm <sup>2</sup>
	Soft wire	Copper, Aluminium	220 - 250
	Medium hard wire	Iron wire	750 - 800
	Hard wire	Steel wire	1700 - 1800
	Piano wire	Hardened spring steel	2200 - 2300



**ECLIPSE PLIERS**

**Engineers' Pliers**

Part No	Size	Wire Cutting Guide (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PW21696/11	160mm (6")	4.0	2.8	1.8	1.4	5
PW21697/11	180mm (7")	4.0	3.0	2.0	1.6	5
PW21698/11	200mm (8")	4.0	3.0	2.0	1.6	5
PW216910/11	250mm (10")	6.0	4.0	2.8	2.4	5



Multi-purpose pliers for cutting, gripping and twisting. Induction hardened cutting edges for cutting medium hard wire. Pipe grip for gripping pipes, rods and other components. Serrated jaw for gripping nuts, bolts, studs and similar objects. Joint cutter for cleanly cropping soft wire. Ergonomic soft feel handles

**Long Nose Pliers**

Part No	Size	Wire Cutting Guide (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PW5835/11	140mm (5½")	3.0	2.5	1.6	1.2	5
PW5836/11	160mm (6")	4.0	2.8	1.8	1.4	5
PW10638/11	200mm (8")	4.0	3.0	2.0	1.6	5



Long tapering jaws for gripping in confined spaces and side cutter for cutting medium hard wire. Fine jaw ends for gripping and manoeuvring small objects. Serrated jaws for extra grip. Induction hardened cutting edges for cutting medium hard wire. Ergonomic soft feel handles

**Snipe Nose Pliers**

Part No	Size	Pack Qty
PA15436/11	160mm (6")	5
PA15438/11	200mm (8")	5



Long tapering jaws for gripping in confined spaces. Fine serrated jaws for gripping components. Fine jaw ends capable of gripping and manoeuvring small objects. Long tapering jaws for accessing confined places. Ergonomic soft feel handles

**Round Nose Pliers**

Part No	Size	Pack Qty
PA14736/11	160mm (6")	5



For internal gripping of hollow items and for looping wire or thin strips of material. Smooth conical jaws for forming loops. Tapering jaws allow for loops of different sizes. Ergonomic soft feel handles

**Diagonal Cutting Nippers**

Part No	Size	Wire Cutting Guide (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PW7735/11	125mm (5")	3.0	2.5	1.6	1.2	5
PW7736/11	160mm (6")	4.0	3.0	2.0	1.6	5
PW7737/11	180mm (7")	4.0	3.0	2.0	1.6	5



For cutting medium to hard wire. Tapering head shape to access confined spaces. Induction hardened cutting edges. Design of cutter face allows wire to be cut close to surface. Rounded jaw ends provide strength in area where majority of cutting takes place. Ergonomic soft feel handles

**Diagonal Cutting Nippers - heavy duty**

Part No	Size	Wire Cutting Guide (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PW7738/11	200mm (8")	5.0	3.5	2.4	2.0	5



Ideally suited for cutting hard wire. Tapering head shape to access confined spaces. Induction hardened cutting edges. Design of cutter face allows wire to be cut close to surface. Rounded jaw ends provide strength in area where majority of cutting takes place. Ergonomic soft feel handles

**Diagonal Cutting Nipper - high leverage**

Part No	Size	Wire Cutting Guide (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PW14537/11	180mm (7")	4.0	3.0	2.0	1.6	5



Heavy duty nipper for cutting hard wire. High leverage design means less effort is required in cutting process. Induction hardened cutting edges for hard wire. Lay joint for added strength. Ergonomic soft feel handles

**End Cutting Nipper**

Part No	Size	Wire Cutting Guide (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PW9637/11	165mm (6½")	4.0	3.0	2.0	1.6	5



Heavy duty end cutting nippers for cutting hard wire. For cutting wire flush to a surface. Induction hardened cutting edges. Specially designed for cutting wire not accessible from the side allows knuckle clearance. Ergonomic soft feel handles

**End Wire Stripper**

Part No	Size	Dia mm	Dia mm	Pack Qty
PA19536/11	160mm (6")	2.0	1.6	5



Removes insulation from cable without damaging the core. Suitable for a variety of cable sizes. Adjustable stop screw allows setting of required wire stripping diameter. Knurled screw head allows one hand adjustments. Spring return for automatic handle opening. Ergonomic soft feel handles

**ECLIPSE SPECIAL PURPOSE PLIERS**

**Carpenters' Pincers**

Part No	Size	Pack Qty
PB807/11	180mm (7")	5
PB808/11	200mm (8")	5



For gripping and extracting nails and tacks. Bevelled jaw edges for gripping nails without cutting them. Curved jaw to enable rocking of tool to lever nails and tacks. PVC dip handles.

**Cable Croppers**

Part No	Size	Dia mm	Uia mm	Pack Qty
PA196810/11	250mm (10")	2.0	1.6	5



Specially designed cutting edges ensure ends of cable do not fray. For soft cables only (not to be used on cable with a hard core / outer eg. SWA or ACSR). PVC dip handles.

**Waterpump Pliers - slip joint**

Part No	Size	Capacity mm	Pack Qty
PA4069/11	250mm (10")	0-42	5



Adjustable pliers for gripping pipes, nuts and bolts. Sliding pivot gives a wide range of jaw openings. Joint protector ensures handles cannot close together and trap fingers. Offset jaws to provide more accurate gripping when jaw grip is applied. PVC dip handles.

**Waterpump Pliers - groove joint**

Part No	Size	Capacity mm	Pack Qty
PA45410/11	250mm (10")	0-42	5



Adjustable pliers for gripping pipes, nuts and bolts. Sliding pivot gives a wide range of jaw openings. Joint protector ensures handles cannot close together and trap fingers. Offset jaws to provide more accurate gripping when jaw grip is applied. PVC dip handles.

**Waterpump Pliers - box joint**

Part No	Size	Capacity mm	Pack Qty
PA55510/11	250mm (10")	0-36	5



Adjustable pliers for gripping pipes, nuts and bolts. Sliding pivot gives a wide range of jaw openings. Joint protector ensures handles cannot close together and trap fingers. Offset jaws to provide more accurate gripping when jaw grip is applied. PVC dip handles.



## ECLIPSE SPECIAL PURPOSE PLIERS

### Glass Pliers

Part No	Size	Pack Qty
PA10148/11	200mm (8")	5



For holding and shaping glass. Painted handles stop splinters of glass from embedding in handles. Jaws do not meet immediately in front of pivot to ensure glass can be gripped up to cut line. Used to snap off a narrow strip of scored glass or nibble back to a line or around a curve. Painted handles.

### Gas Pliers

Part No	Size	Pack Qty
PA788/11	200mm (8")	5



Designed to grip pipework of different sizes. Multi-purpose tool which includes a joint cutter. Two curved serrated sections to grip pipes of varying sizes. 'V' notch in front of each jaw to grip wire. Wire cropper located near pivot. Handles shaped to form a pipe reamer and turn screw respectively. Unsleeved handles.

### Wire Stripper Crimper

Part No	Size	Stripping Capacity	Pack Qty
PA18518/11	200mm (8")	0.13-6.0 sq mm	5



Designed to cut the cable sheath and crimp the wire. Alloy steel jaws capable of stripping all types of wire. Unique, fully automatic design makes wire stripping easy. Multi-purpose tool combining stripping, crimping and cutting. Sleeved handles.

### Engineers' Pliers - unsleeved

Part No	Size	Wire Cutting Guide (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PW2166/11	160mm (6")	4.0	2.8	1.8	1.4	5
PW21610/11	250mm (10")	6.0	4.0	2.8	2.4	5



For use in environments where bare metal handles are appropriate. The handles are impervious to swarf, glass chippings and heat melting. Multi-purpose pliers for cutting, gripping and twisting. Induction hardened cutting edges for cutting medium hard wire. Pipe grip for gripping pipes, rods and other components. Serrated jaw for gripping nuts, bolts, studs and similar objects. Joint cutter for cleanly cropping soft wire. Unsleeved handles.





VDE CUTTERS & PLIERS  
VDE SCREWDRIVERS  
SPECIALIST ELECTRICIANS HAND TOOLS  
TOOLS STORAGE



## PREMIUM QUALITY SAFETY TOOLS

### What is VDE?

The VDE Testing and Certification Institute (Verband der Elektrotechnik) is an internationally accredited independent organisation working to ensure the safety of electrical tools and machines

### What products are VDE certified?

Only those that have been tested to strict criteria in the VDE Institute's Frankfurt-based laboratories can be issued with the VDE Certification Mark

### How are VDE Tools Tested?



Each tool is individually tested to 10,000V for complete assurance of safety when working on live equipment up to 1,000V AC

### Why choose VDE tools?

They are designed specifically to reduce the risk of injury, as well as minimise the likelihood of damage to electrical circuitry

### How do I recognise VDE tools?

Look out for the following marks:

	 <p>1000V</p>	<p>IEC 60900:2004</p>
<p>This shows compliance with VDE regulations concerning safety requirements. Confirms safety with regards to electrical, mechanical, thermal, toxicological, radiological and other hazards</p>	<p>The double triangle and voltage show that the tool is suitable for working on energised parts at the stated voltage</p>	<p>An international standard that includes detailed requirements for the design of insulated tools, eg the thickness of the protective insulation and the testing programme required on this material</p>

### Are Insulated tools VDE approved?

'Insulated' only means that a tool is coated with a material that is not a conductor of electricity. Only VDE marked tools have passed the rigorous tests set by the VDE Testing and Certification Institution. Also beware of tools that claim to be VDE purely on the basis of their compliance with IEC 60900; this does not carry the assurance of safety through independent product testing and production auditing.

### Caring for VDE Tools

Always visually inspect VDE tools before use. If the insulation is damaged or marked in any way, the tool should not be used near live electrical circuits. To ensure satisfaction from this product, it should be kept clean and carefully stored in a contaminant free, dry environment.



## VDE SCREWDRIVERS

The unique handle design of the Eclipse VDE screwdriver range has been developed following extensive research amongst professional electricians. These research forums confirmed that not only do electricians require VDE approved screwdrivers, that they also consider comfort in use to be essential for such a tool, given that it is in constant use. Our handle has therefore been designed with this in mind; its contours and grip are shaped to fit snugly into the hand without compromising either torque or fingertip control.

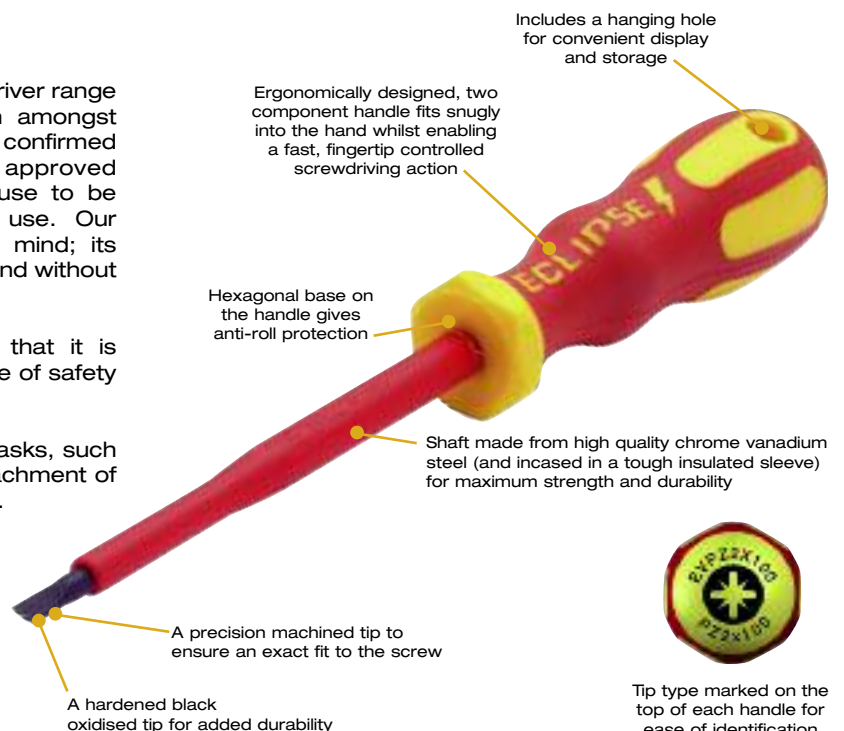
Moreover, each tool is VDE approved, meaning that it is individually tested to 10,000V for complete assurance of safety when working on live equipment up to 1,000V AC.

Suitable for a wide range of electrical screwdriving tasks, such as the removal of breaker panel covers and the attachment of individual electrical wires to circuit breaker terminals.

### VDE Safety Mark



### Barcode



## VDE CUTTERS & PLIERS

A comprehensive range of high quality VDE approved cutters and pliers for the professional electrician. Each tool is VDE approved, meaning that it is individually tested to 10,000V for complete assurance of safety when working on live equipment up to 1,000V AC.

Integrated hand stop increases safety by reducing the risk of contact with the metal head

Manufactured from hardened and tempered drop forged steel for maximum strength and durability

Induction hardened and precision ground edges for maximum durability and performance

Handle is ergonomically designed to offer the optimum balance between grip and comfort



### VDE Side Cutters

### VDE Side Cutters with wire strippers

### VDE Side Cutters heavy duty

Part No	Size	WIRE CUTTING CAPACITIES (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PWSF7746/11	165mm (6½")	4.0	3.0	2.0	1.6	5
PWSF7747/11	185mm (7½")	4.0	3.0	2.0	1.6	5

Part No	Size	WIRE CUTTING CAPACITIES (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PWSF9956/11	165mm (6½")	4.0	3.0	2.0	1.6	5
PWSF9957/11	185mm (7½")	4.0	3.0	2.0	1.6	5

Part No	Size	WIRE CUTTING CAPACITIES (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PWSF8856/11	165mm (6½")	4.0	3.0	2.0	1.6	5
PWSF8858/11	200mm (8")	5.0	3.5	2.4	2.0	5

Stripping Capacity mm <sup>2</sup>	Stripping Capacity AWG
1.5 + 2.5	15 + 13



For cutting wires or groups of wires that need to be shortened or separated

- For cutting medium to hard wire
- Tapered head shaped to access confined spaces
- Induction hardened cutting edges
- Design of the cutter face allows wire to be cut close to the surface
- Rounded jaw ends provide strength in the area where the majority of cutting takes place
- Ergonomic soft feel handles

For cutting and stripping 1.5mm<sup>2</sup> and 2.5mm<sup>2</sup> medium to hard wire

- Induction hardened cutting edges
- Tapered head shaped to access confined spaces
- The head includes wire stripping notches for fast, easy and damage free stripping of 1.5mm<sup>2</sup> and 2.5mm<sup>2</sup> wire
- The design of the cutter face allows wire to be cut close to surface
- Rounded jaw ends provide strength in the area where the majority of cutting takes place
- Ergonomic soft feel handles

For cutting and stripping cables and wires. Particularly suited to hard wire

- For cutting medium to hard wire
- Tapered head shaped to access confined spaces
- Induction hardened cutting edges
- Design of the cutter face allows wire to be cut close to the surface
- Rounded jaw ends provide strength in the area where the majority of cutting takes place
- Ergonomic soft feel handles



**VDE Combination Pliers**

Part No	Size	WIRE CUTTING CAPACITIES (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PWSF21647/11	180mm (7")	4.0	3.0	2.0	1.6	5
PWSF21648/11	200mm (8")	4.0	3.0	2.0	1.6	5



Multi-purpose pliers for gripping, twisting and cutting

- Induction hardened cutting edges
- Pipe grip for pipes, rods and round components
- Serrated jaws for gripping nuts, bolts, studs and similar objects
- Joint cutter for cleanly cropping wire
- Ergonomic soft feel handles

**VDE Long Nose Pliers**

Part No	Size	WIRE CUTTING CAPACITIES (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PWSF10648/11	200mm (8")	4.0	3.0	2.0	1.6	5



Designed to remove wires or pry electrical parts out of confined spaces. Includes cutting edges for cutting medium to hard wire

- Long tapered jaws for gripping in confined spaces
- Side cutter for cutting medium hard wire
- Fine jaw ends for gripping and manoeuvring small objects
- Serrated jaws for extra grip
- Induction hardened cutting edges
- Ergonomic soft feel handles

**VDE Bent Long Nose Pliers**

Part No	Size	WIRE CUTTING CAPACITIES (mm)				Pack Qty
		Soft	Med Hard	Hard	Piano	
PWSF10748/11	200mm (8")	4.0	3.0	2.0	1.6	5



Ideal for adjusting relay contacts. Includes cutting edges for cutting medium to hard wire

- Bent nose with angled jaws for increased access
- Long tapered jaws for gripping in confined spaces
- Side cutter for cutting medium hard wire
- Fine jaw ends for gripping and manoeuvring small objects
- Serrated jaws for extra grip
- Induction hardened cutting edges
- Ergonomic soft feel handles

**VDE End Wire Strippers**

Part No	Size	Dia mm	Dia mm <sup>2</sup>	Pack Qty
PWSF19546/11	160mm (6")	2.0	1.6	5



Removes insulation from cables without damaging the core

- Suitable for a variety of cable sizes – the adjustable stop screw allows setting of the required wire stripping diameter
- Knurled screw head allows one handed adjustment
- Spring return for automatic handle opening
- Ergonomic soft feel handles

**VDE Cable Cutters**

Part No	Size	Dia mm	Dia mm <sup>2</sup>	Pack Qty
PWSF1978/11	210mm (8½")	38.0	11.5	5



A compact, one handed cable cutter for use on copper and aluminium wire (not suited to steel wire)

- Made from drop forged steel for maximum strength and durability
- Cutting edges are induction hardened for a high cutting performance
- The shearing action cuts through cables cleanly and effortlessly
- Ergonomic soft feel handles

**VDE 3pc Plier Set**

Part No	Description	Pack Qty
EVDE3P	Contains: 6½" Side Cutters 7" Combination Pliers 8" Long Nose Pliers	1



## VDE SCREWDRIVERS

### VDE Slotted Parallel

Part No	Tip Size mm	Blade Length mm	Pack Qty
EV25X75	2.5	75	12
EV30X100	3.0	100	12
EV35X100	3.5	100	12
EV40X100	4.0	100	12
EV55X125	5.5	125	12
EV65X150	6.5	150	12



### VDE Pozidriv

Part No	Tip Size mm	Blade Length mm	Pack Qty
EVPZ0X60	PZ0	60	12
EVPZ1X80	PZ1	80	12
EVPZ2X100	PZ2	100	12
EVPZ2X200	PZ2	200	12



### VDE Phillips

Part No	Tip Size mm	Blade Length mm	Pack Qty
EVPH0X60	PH0	60	12
EVPH1X80	PH1	80	12
EVPH2X100	PH2	100	12



### VDE Modulo

Part No	Size	Blade Length mm	Pack Qty
EVMOD2	No.2 (65mm)	100	12



For special terminal screws with slotted / recessed heads. Ideal for use on plugs, terminals and circuit breakers

### VDE 6 Piece Set

Part No	Description	Pack Qty
EV6PC	6 pce VDE Screwdriver Set	1



Contains: Slotted - 3 x 100mm, 4 x 100mm, 5.5 x 125mm, Pozidriv - PZ1, PZ2, Modulo 2

### VDE 3 Piece Set

Part No	Description	Pack Qty
EV3PC	3 pce VDE Screwdriver Set	1



Contains: 3 piece slotted - 4 x 100mm

## DISPLAY SOLUTION

### VDE Screwdriver Merchandiser

Part No	Tip / Type Size mm	Blade Length mm	Suggested Qty
VDESCREWMER	Metal Merchandiser		1
EV25X75	2.5	75	7
EV30X100	3.0	100	7
EV35X100	3.5	100	7
EV40X100	4.0	100	7
EV55X125	5.5	125	4
EV65X150	6.5	150	4
EVPH0X60	PH0	60	4
EVPH1X80	PH1	80	4
EVPH2X100	PH2	100	7
EVPZ0X60	PZ0	60	4
EVPZ1X80	PZ1	80	4
EVPZ2X100	PZ2	100	7
EVPZ2X200	PZ1	200	4
EVMOD2	No.2 (65mm)	100	4



Stock must be ordered separately

**DISPLAY SOLUTIONS**

**VDE Cutters & Pliers Core Range**

Part No	Description	Size	Suggested Qty
VDEBC-A	Pegboard Backing / Restocking Card	-	1
PWSF7746/11	Side Cutters	165mm (6½")	5
PWSF9956/11	Side Cutters & Wire Strippers	165mm (6½")	4
PWSF7747/11	Side Cutters	185mm (7½")	4
PWSF21647/11	Combination Pliers	180mm (7")	3
PWSF10648/11	Long Nose Pliers	200mm (8")	4
PWSF8858/11	Heavy Duty Side Cutter	200mm (8")	3



**VDE Cutters & Pliers Full Range**

Part No	Description	Size	Suggested Qty
VDEBC-B	Pegboard Backing / Restocking Card	-	1
PWSF7746/11	Side Cutters	165mm (6½")	5
PWSF7747/11	Side Cutters	185mm (7½")	4
PWSF8856/11	Heavy Duty Side Cutters	185mm (7½")	3
PWSF8858/11	Heavy Duty Side Cutters	200mm (8")	3
PWSF9956/11	Side Cutters & Wire Strippers	165mm (6½")	3
PWSF9957/11	Side Cutters & Wire Strippers	185mm (7½")	3
PWSF21647/11	Combination Pliers	180mm (7")	3
PWSF21648/11	Combination Pliers	200mm (8")	3
PWSF10648/11	Long Nose Pliers	200mm (8")	3
PWSF10748/11	Bent Long Nose Pliers	200mm (8")	3
PWSF19546/11	End Wire Stripper Pliers	160mm (6")	3
PWSF1978/11	Cable Cutter	210mm (8½")	3



**SPECIALIST ELECTRICIANS' HAND TOOLS**

**VDE Cable Knife**

Part No	Description	Pack Qty
ECK5-VDE	Cable Knife - Straight Blade	5



For scoring and stripping cables

- 50mm hardened steel blade for increased durability
- Anti-slip guard and protective detachable cap to maximise safety
- Ergonomically shaped handle for increased comfort in use
- Certified and approved by the world renowned VDE (Verband der Elektrotechnik) institute of Germany
- Each tool is tested to 10,000V for complete assurance of safety when working on live equipment up to 1,000V AC

**Automatic Wire Strippers**

Part No	Function	Description	Pack Qty
EAWS6	Stripping Wire Cutting Crimping	0.2 - 6.0mm <sup>2</sup> copper and aluminium wire, solid or stranded HRC 40-50 1.5, 2.5, 6.0mm insulated and non-insulated terminals	10



A multi-purpose tool for use on both T&E flat cable and round flex cable. Combines stripping, crimping and cutting

- Strips wire with no need for adjustment
- Crimping jaws can be use on both insulated and non-insulated terminals
- The steel blades of the jaws are designed to cut wire and are hardened to ensure a longer working life. The micro-adjustment mechanism allows for the stripping of wire less than 0.2mm<sup>2</sup>

**Ratchet Crimping Pliers**

Part No	Description	mm <sup>2</sup>	AWG	Pack Qty
ECT-RBY	Ratchet Crimping Pliers (red, blue, yellow)	0.5-1.0, 1.5-2.5, 4-6	22-18, 16-14, 12-10	5



For crimping open cable insulated terminals

- The head has colour coded recesses of red, blue and yellow for different insulated terminals
- Made from high quality carbon steel with a hardened black oxide finish to ensure maximum strength and durability
- A high compression pressure and an adjustment mechanism enable fast and effective crimping
- Soft feel handles offer comfort and a secure grip

**Voltage Sensor**

Part No	Range	Sensitivity	Power Requirements	Operating Temperature	Pack Qty
EVS1000	80-1000v	Can pick up a 5 volt signal & detect 240v through an air gap of 4mm	2 x AAA batteries	-20° to +55°C	5



For safely checking the presence of voltage in cables, wall sockets, fuses, circuit breakers and junction boxes

- When the tip is placed closed to AC voltage it lights up in red and a detection buzzer sounds
- Pocket clip enables convenient storage
- Over-voltage CAT III and compliance with IEC 1010



**PROFESSIONAL ELECTRICIANS' TOOL CASE**

**Professional Tools Case**

Part No	Description	Material	Overall Size (mm)	Pack Qty
TEHCASE	Technician's Toolcase	600D x 600D	440 x 200 x 330	4



Heavy duty tool case that is ideal for service engineers, electricians, technicians and general tradesmen

- Designed to carry both tools and technical equipment
- Made from 600 denier polyester for maximum strength and durability
- The padded laptop compartment is designed to protect sensitive equipment
- The 24 internal compartments and 29 internal loops are designed to carry tools, power tool accessories, documents and technical equipment
- The internal document pocket is ideal for carrying A4 sized documents
- The industrial grade metal hook on the strap adds strength when carrying heavy loads
- 6 protective rubberised feet on the bottom of the bag

**Professional Tools Case Kit**

Part No	Description	Material	Overall Size (mm)	Pack Qty
TEHCASEKIT1	Technician's Toolcase with tools	600D x 600D	440 x 200 x 330	1



(Image for illustrative purpose only)

Contains:

- VDE Side Cutters (6½") (PWSF7746/11)
- VDE Long Nose Pliers (8") (PWSF10648/11)
- VDE Combination Pliers (8") (PWSF21648/11)
- VDE Pozi Drive Screwdriver PZ1 x 80mm (EVPZ1X80)
- VDE Pozi Drive Screwdriver PZ2 x 100mm (EVPZ2X100)
- VDE Slotted Screwdriver 3.0 X 100mm (EV30X100)
- VDE Slotted Screwdriver 4.0 x 100mm (EV40X100)
- VDE Slotted Screwdriver 5.5 x 125mm (EV55X125)
- VDE Modulo Screwdriver MOD2 x 100mm (EVMOD2)
- 16' / 5m Tape Measure (E30435)
- Junior Hacksaw (70-14JR)
- 16oz Tubular Steel Claw Hammer (SJ-CTS16)
- VDE Cable Knife (ECKS-VDE)

**SPECIALIST ELECTRICIANS' HAND TOOLS**

**Mains Tester**

Part No	Length	Width	Type	Pack Qty
3210R	105mm	5mm	220-250 volts: 50Hz	6
3200R	75mm (3")	3mm (1/8")	220-250 volts: 50Hz	10



For detecting the presence of electric voltage

- Bright chrome vanadium steel bars for strength and rust protection
- Packed individually on printed skin packed cards

**Universal Cabinet Key**

Part No	Comprises	Pack Qty
EUSK	<ul style="list-style-type: none"> <li>• 6mm &amp; 8mm square, 9mm triangular and 5 double pin</li> <li>• tooling adaptor for 1/4" screwdriver bit</li> <li>• double ended 1/4" screwdriver bit</li> <li>• 7mm slotted x phillips No2</li> </ul>	10



Multi-purpose key that fits gas and electric cupboards, as well as ventilation system and stop valves

- Fits square, 3-square and double pin
- Manufactured from die cast zinc for durability
- Slotted and Phillips screwdriver bits included

**MECHANICS' VICES, SPARES & ACCESSORIES**  
**WOODWORKING VICES**  
**G-CLAMPS**  
**ONE HANDED BAR CLAMPS & SPREADERS**  
**SCREW CLAMPS**  
**SASH CLAMPS**  
**T-BAR CLAMPS**



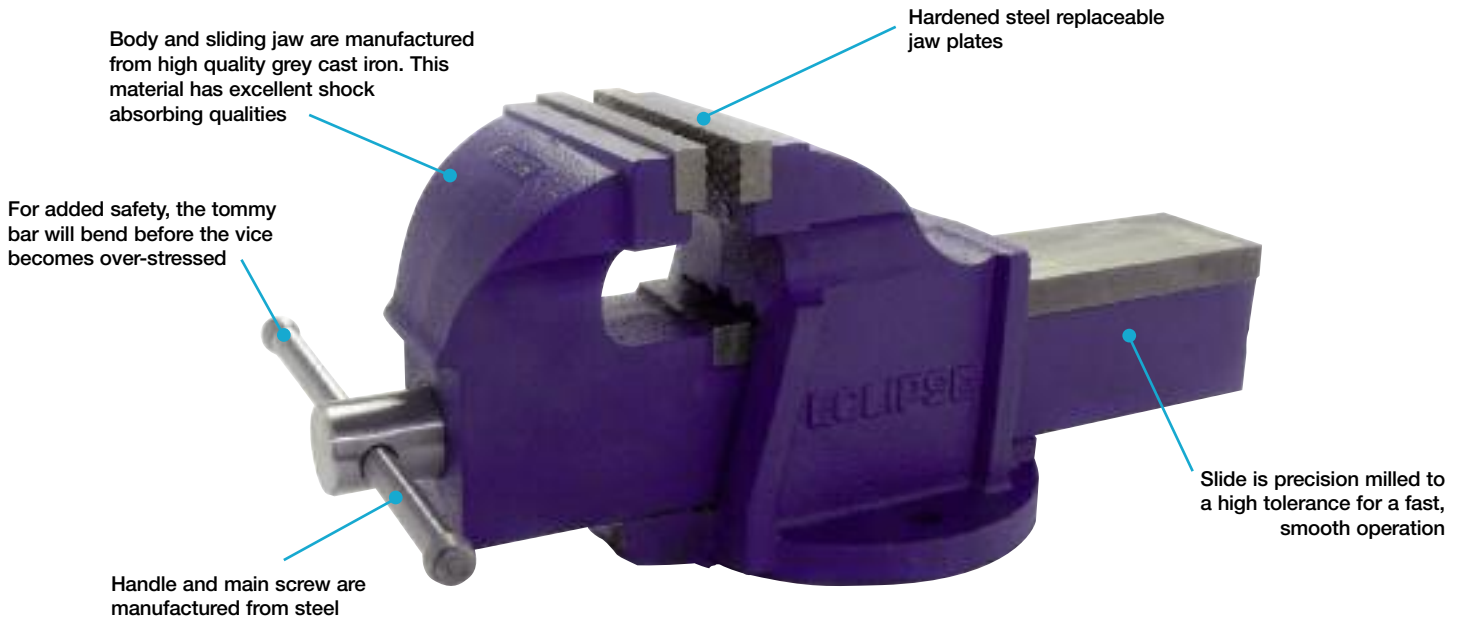
**Workholding Range - Average Clamping Forces**

Range	Average Clamping Force	Main Tasks
<b>VICES</b>		
Mechanics' Vices	4,500lbs - 10,100lbs (2,040kg - 4,580kg)	General metalworking applications
Quick Release Woodworking Vices	1,900lbs (860kg)	Holding large pieces of wood for cutting and gluing
Plain Screw Woodworking Vices	1,900lbs (860kg)	Holding large pieces of wood for cutting and gluing
<b>CLAMPS</b>		
T-Bar Clamps	2,200lbs (1,000kg)	Clamping heavy pieces of furniture when gluing
Sash Clamps	1,100lbs (500kg)	Clamping heavy pieces of furniture when gluing
G Clamps (Heavy duty)	Frame Proof Loads 660lbs - 1,700lbs (300kg - 770kg)	Multi-purpose - generally woodworking & metalworking
Screw Clamps (Mid range)	660lbs (300kg)	Lightweight wood/metal clamping
One Handed Bar Clamp & Spreaders	150kg	A 'third hand'

**VICES**

**Mechanics' Vices**

**For general metalworking applications**



Part No	Jaw Width	Throat Depth (mm)	Opening (mm)	Clamping Force (kN)	Net Weight (kg)	Qty per pallet
EMV-1	3" / 75mm	48	82	20	4.8	144
EMV-3	4" / 100mm	63	109	25	9.3	90
EMV-5	5" / 125mm	73	136	30	15.8	40
EMV-6	6" / 150mm	86	168	35	24.2	36
EMV-8	8" / 200mm	103	208	45	38.1	24

**Fibre Grips**

**For use with Eclipse Mechanics' Vices**

Part No	Size	For use with	Pack Qty
EFG1	3" (75mm)	EMV-1	10
EFG3	4" (100mm)	EMV-3	10
EFG5	5" (128mm)	EMV-5	10
EFG6	6" (150mm)	EMV-6	10
EFG8	8" (200mm)	EMV-8	10

A range of high quality fibre grips for use with Eclipse Mechanics' Vices. Prevents damage to workpieces with soft or polished surfaces. Supplied in pairs.



**Swivel Bases**

**For use with Eclipse Mechanics' Vices**

Part No	Size	For use with
EMVSB-1	Swivel Base for 3" (75mm) Vice	EMV-1
EMVSB-3	Swivel Base for 4" (100mm) Vice	EMV-3
EMVSB-5	Swivel Base for 5" (125mm) Vice	EMV-5
EMVSB-6	Swivel Base for 6" (150mm) Vice	EMV-6
EMVSB-8	Swivel Base for 8" (200mm) Vice	EMV-8



Includes three mount holes for attaching to a workbench.

**VICES**

**Quick Release Woodworking Vices**

**For general woodworking applications**

Fitted with an adjustable front stop which gives an additional clamping facility when used in conjunction with a bench stop

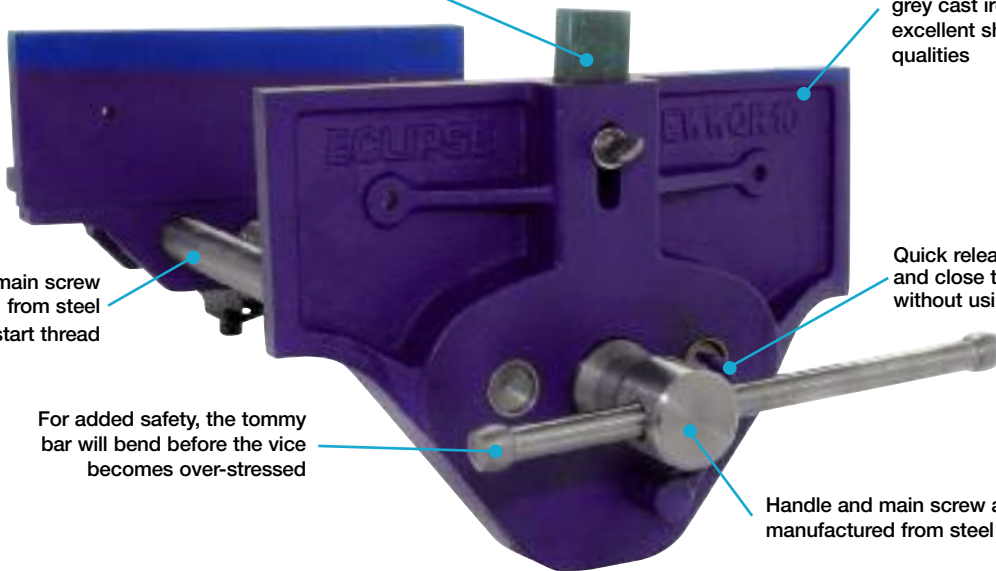
Body and sliding jaw are manufactured from high quality grey cast iron. This material has excellent shock absorbing qualities

Slide rods and main screw manufactured from steel with a single start thread

Quick release trigger to open and close the vice quickly without using the mainscrew

For added safety, the tommy bar will bend before the vice becomes over-stressed

Handle and main screw are manufactured from steel

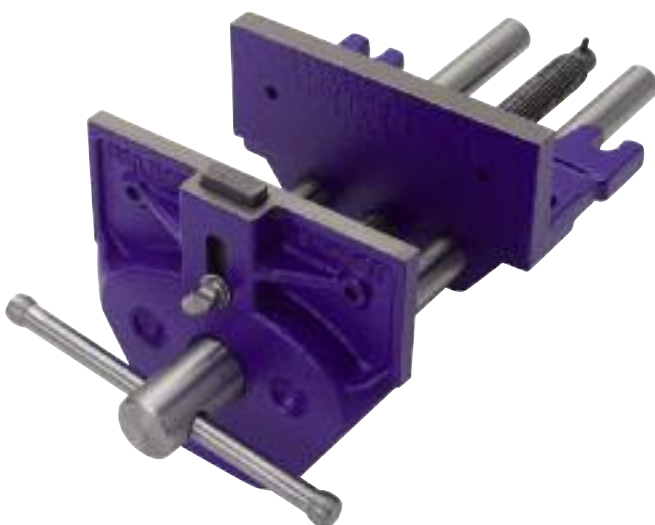


Quick release trigger opens and closes the vice quickly without using the mainscrew. Fitted with an adjustable front stop – or dog – that gives an additional clamping facility when used with a bench stop, to provide a normal vice and a tail vice in one tool. To increase safety, the fused tommy bar will bend before the vice can become over-stressed.

Part No	Jaw Width	Throat Depth (mm)	Opening (mm)	Net Weight (kg)	Qty per pallet
EWWQR7	7"/ 178mm	80	202	9.4	60
EWWQR9	9"/ 230mm	106	260	15.5	32
EWWQR10	10"/ 254mm	100	380	17.7	24

**Plain Screw Woodworking Vices**

Plain screw mechanism works through a separate unbreakable nut housed beneath the body seating, to ensure the constant alignment of the screw mechanism. Precision machined grey cast iron body and front to ensure a smooth, parallel action. Fitted with an adjustable front stop – or dog – that gives an additional clamping facility when used with a bench stop, to provide a normal vice and a tail vice in one tool. To increase safety, the fused tommy bar will bend before the vice can become over-stressed.



Part No	Jaw Width	Throat Depth (mm)	Opening (mm)	Net Weight (kg)	Qty per pallet
EWWPS7	7"/ 178mm	80	202	9.4	60
EWWPS9	9"/ 230mm	106	260	15.5	32



## CLAMPS

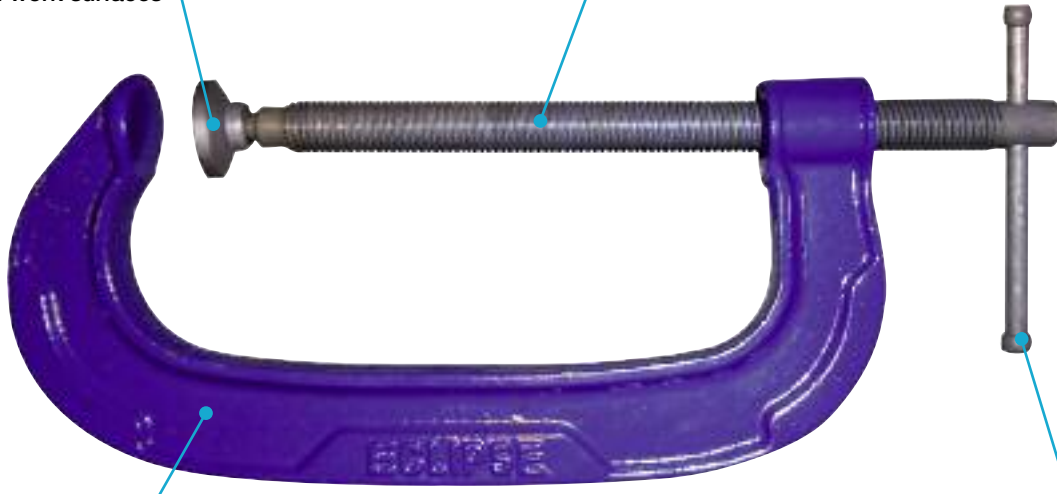
### For woodworking & metalworking applications

Steel swivel shoe applies an even pressure, even on angled work surfaces

Fast action twin start rolled acme thread

Guaranteed unbreakable malleable iron frame

Tommy bar will bend before the frame can become over-stressed



#### G Clamps - Heavy Duty



Average clamping force of 300 – 800kg (660 – 1760lbs). Guaranteed unbreakable malleable iron frame with a fast action twin start rolled acme thread. The steel swivel shoe applies an even pressure, even on angled surfaces, whilst the tommy bar will bend before the frame can become over-stressed.

Part No	Clamping Capacity	Frame Proof Loads	Pack Qty
E20-3	3" (75mm)	1000lbs / 455kg	6
E20-4	4" (100mm)	1200lbs / 545kg	6
E20-6	6" (150mm)	1400lbs / 636kg	6
E20-8	8" (200mm)	1700lbs / 773kg	2
E20-10	10" (250mm)	2000lbs / 909kg	2
E20-12	12" (300mm)	2500lbs / 1136kg	2



**CLAMPS**

**One Handed Bar Clamps & Spreaders**

Quick release trigger enables the clamp to be quickly positioned and released, whilst the jaw release clip mechanism allows the jaw to be removed and re-attached to the other end of the bar, thus converting the clamp into a spreader. The carbon steel bar and reinforced nylon body make it both tough and durable, whilst the ergonomically-designed, soft feel pistol grip handle fits easily into the hand. In addition, the toe-in feature means that, when fully closed, the jaws only meet at the top, thus providing an even clamping force across the whole depth of the workpiece. Non-marring pads firmly grip and protect the workpiece.



Part No	Clamping Capacity	Spreading Capacity (Min)	Spreading Capacity (Max)	Jaw Depth	Pack Qty
EOHBC6	6" (150mm)	6 <sup>5</sup> / <sub>8</sub> " (168mm)	13 <sup>3</sup> / <sub>8</sub> " (340mm)	3 <sup>3</sup> / <sub>8</sub> " (85mm)	1
EOHBC6X2*	6" (150mm)	6 <sup>5</sup> / <sub>8</sub> " (168mm)	13 <sup>3</sup> / <sub>8</sub> " (340mm)	3 <sup>3</sup> / <sub>8</sub> " (85mm)	5
EOHBC12	12" (300mm)	6 <sup>5</sup> / <sub>8</sub> " (168mm)	19 <sup>1</sup> / <sub>2</sub> " (495mm)	3 <sup>3</sup> / <sub>8</sub> " (85mm)	1
EOHBC18	18" (450mm)	6 <sup>5</sup> / <sub>8</sub> " (168mm)	25 <sup>3</sup> / <sub>8</sub> " (645mm)	3 <sup>3</sup> / <sub>8</sub> " (85mm)	1
EOHBC24	24" (600mm)	6 <sup>5</sup> / <sub>8</sub> " (168mm)	31 <sup>1</sup> / <sub>2</sub> " (800mm)	3 <sup>3</sup> / <sub>8</sub> " (85mm)	1
EOHBC36	36" (900mm)	6 <sup>5</sup> / <sub>8</sub> " (168mm)	43 <sup>1</sup> / <sub>2</sub> " (1105mm)	3 <sup>3</sup> / <sub>8</sub> " (85mm)	1

\* 6" (150mm) in pairs - in a display box of 5

**Sash Clamps & Clamp Heads**



Sash clamps have an average clamping force of 500kg (1100lbs). The ductile head and slide are guaranteed unbreakable, whilst the steel bar offers maximum tensile and yield strength. The slightly tapered jaws enable perfectly parallel clamping and the fast action rolled thread applies pressure quickly and smoothly to the workpiece.

Part No	Maximum Clamping Capacity / Type	Bar Length	Box Qty
ESC24	24" (600mm)	30" (760mm)	6
ESC30	30" (760mm)	36" (915mm)	6
ESC36	36" (915mm)	42" (1070mm)	6
ESC42	42" (1070mm)	48" (1220mm)	6
ESC48	48" (1220mm)	54" (1370mm)	6
ESC54	54" (1370mm)	60" (1525mm)	6
ESC66	66" (1680mm)	72" (1830mm)	6
ESC-TSPC	Spare - Tail slide, peg & chain	-	1
ESC-PC	Spare - Peg & Chain	-	1

**CLAMPS**

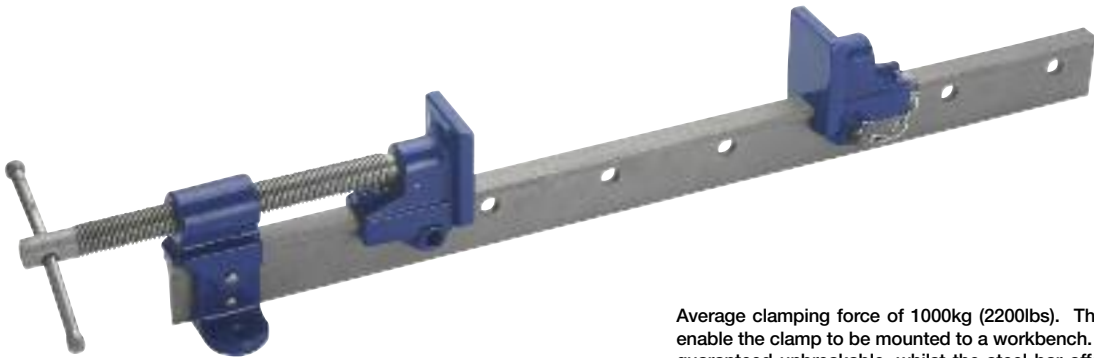
**Screw Clamps**



DIN5117 standard clamps with an average clamping force of 300kg (660lbs). The sliding head quickly sets the clamp to the required capacity, whilst the serrated grooves on the corrosion resistant nickel plated bar prevent slippage in use. The cast iron malleable heads offer maximum strength and the wooden handle provides a firm and comfortable grip.

Part No	Clamping Capacity	Clamping Depth	Pack Qty
EC-SCR8	8" / 200mm	120mm / 4¾"	10
EC-SCR12	12" / 300mm	120mm / 4¾"	10
EC-SCR16	16" / 400mm	120mm / 4¾"	10
EC-SCR24	24" / 600mm	120mm / 4¾"	10
EC-SCR32	32" / 800mm	120mm / 4¾"	6

**T-Bar Clamps**



Average clamping force of 1000kg (2200lbs). The drilled feet in the fixed head enable the clamp to be mounted to a workbench. The ductile head and slide are guaranteed unbreakable, whilst the steel bar offers maximum tensile and yield strength. The slightly tapered jaws enable perfectly parallel clamping and the fast action rolled thread applies pressure quickly and smoothly to the workpiece.

Part No	Maximum Clamping Capacity	Bar Length	Box Qty
ETBR42	42" (1070mm)	48" (1220mm)	4
ETBR48	48" (1220mm)	54" (1370mm)	4
ETBR54	54" (1370mm)	60" (1525mm)	4
ETBR66	66" (1680mm)	72" (1830mm)	4
ETBR78	78" (1980mm)	84" (2135mm)	4

**PIPE WRENCHES**  
**ADJUSTABLE WRENCHES**  
**CHAIN PIPE WRENCHES**  
**HINGED PIPE VICES**  
**PIPE CUTTERS**  
**HAND BENDER**





**WRENCHES & PIPE VICES**

**Leader Pattern Pipe Wrenches**



The frame and handle are made from a one piece ductile iron casting which is guaranteed unbreakable, whilst the flash hardened teeth increase wear resistance. The hardened and tempered steel adjustment nut gives a longer working life and the precision machined screw thread and spring jaw remain open until pressure is applied. Conforms to British Standard BS3594.



Part No	Length (when open)	Pipe Capacity	Box Qty
ELPW8	8" (200mm)	1" (25mm)	4
ELPW10	10" (250mm)	1½" (38mm)	4
ELPW12	12" (300mm)	2" (51mm)	4
ELPW14	14" (350mm)	2" (51mm)	4
ELPW18	18" (450mm)	2½" (63mm)	4
ELPW24	24" (600mm)	3" (76mm)	1
ELPW36	36" (910mm)	5" (127mm)	1
ELPW48	48" (1200mm)	6" (152mm)	1

**Stillson Pattern Pipe Wrenches**



The hardened and tempered hook jaw eliminates breakage, whilst the flash hardened teeth increase wear resistance. The nut abutment means that all loading is transferred direct from the handle to the nut and jaw via the nut abutment, ensuring that the frame is not load bearing, thus reducing the possibility of frame failure. Conforms to British Standard BS3594

Part No	Length (when open)	Pipe Capacity	Box Qty
ESPW8	8" (200mm)	¾" (19mm)	6
ESPW10	10" (250mm)	1" (25mm)	6
ESPW12	12" (300mm)	1½" (32mm)	6
ESPW14	14" (350mm)	1½" (38mm)	6
ESPW18	18" (450mm)	2" (51mm)	4
ESPW24	24" (600mm)	2½" (63mm)	1
ESPW36	36" (910mm)	3½" (89mm)	1

**WRENCHES & PIPE VICES**

**Swedish Pattern Pipe Wrenches**

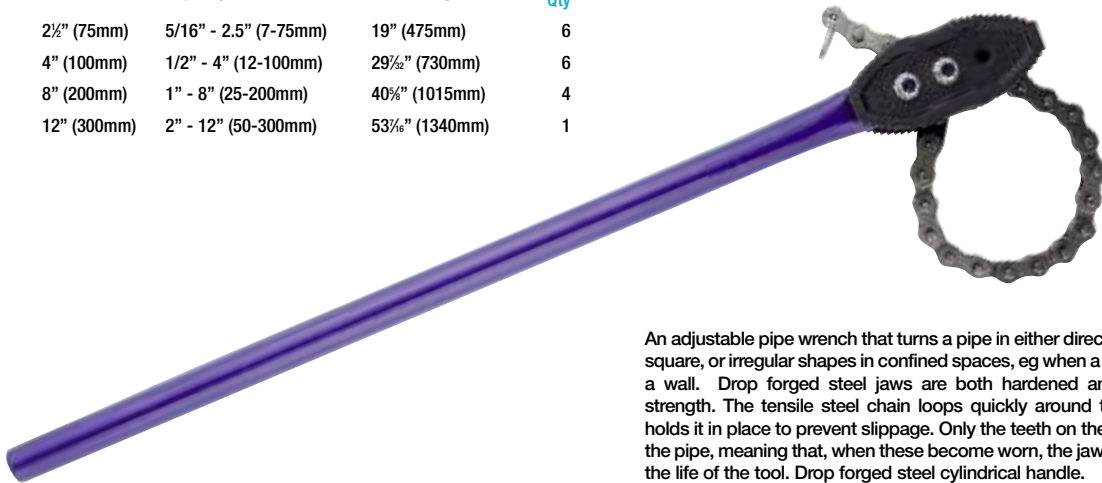
Part No	Length (when open)	Pipe Capacity	Pack Qty
ESWDPW1	13 <sup>3</sup> / <sub>16</sub> " (335mm)	1" (25mm)	6
ESWDPW15	18 <sup>1</sup> / <sub>2</sub> " (470mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	6
ESWDPW2	24" (610mm)	2" (50mm)	4
ESWDPW3	27 <sup>3</sup> / <sub>16</sub> " (695mm)	3" (75mm)	1

Bent nose 90 degree angled head. Manufactured from drop forged, hardened chrome vanadium steel. Hardened jaws.



**Chain Pipe Wrenches**

Part No	Size	Capacity	Chain Length	Pack Qty
ECPW2-1/2	2 <sup>1</sup> / <sub>2</sub> " (75mm)	5/16" - 2.5" (7-75mm)	19" (475mm)	6
ECPW4	4" (100mm)	1/2" - 4" (12-100mm)	29 <sup>1</sup> / <sub>2</sub> " (730mm)	6
ECPW8	8" (200mm)	1" - 8" (25-200mm)	40 <sup>3</sup> / <sub>8</sub> " (1015mm)	4
ECPW12	12" (300mm)	2" - 12" (50-300mm)	53 <sup>1</sup> / <sub>8</sub> " (1340mm)	1



An adjustable pipe wrench that turns a pipe in either direction. Ideal for use on round, square, or irregular shapes in confined spaces, eg when a pipe is in a trench or against a wall. Drop forged steel jaws are both hardened and tempered for maximum strength. The tensile steel chain loops quickly around the pipe and, once locked, holds it in place to prevent slippage. Only the teeth on the face of the handle bite into the pipe, meaning that, when these become worn, the jaws can be reversed to double the life of the tool. Drop forged steel cylindrical handle.

**Hinged Pipe Vices**

Part No	Pipe Capacity
EHPV2	3/8" - 2" (10-50mm)
EHPV2-1/2	3/8" - 2 <sup>1</sup> / <sub>2</sub> " (10-60mm)
EHPV3-1/2	3/8" - 3 <sup>1</sup> / <sub>2</sub> " (10-90mm)
EHPV6	5/8" - 6" (16-150mm)

Ideal for repetitive clamping tasks on pipework. Can be fitted to a bench or a stand. The hinged top section allows rapid access to the job, whilst the self locking frame is reversible for right or left-handed operation. The steel tommy bar and mainscrew exert and maintain a powerful gripping force and the SG ductile iron frame is guaranteed unbreakable.



**WRENCHES & PIPE VICES**

**Adjustable Wrenches - Extra Wide Jaws**

Part No	Description	Jaw Width	Pack Qty	
ADJW6WJ	6" (150mm)	1 <sup>1</sup> / <sub>16</sub> " (34mm)	6	Ideal for use in plumbing, installation and automotive tasks. Not only does the extra wide jaw opening increase versatility, but the super thin head means that the wrench can be used in confined spaces. In addition, the throat depth is deeper than standard adjustable wrenches and the head is angled to offer maximum speed and efficiency. Soft grip handle for added comfort.
ADJW8WJ	8" (200mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	6	
ADJW10WJ	10" (250mm)	2" (50mm)	5	
ADJW12WJ	12" (300mm)	2 <sup>1</sup> / <sub>4</sub> " (60mm)	5	



**Adjustable Wrenches**

Part No	Description	Jaw Width	Pack Qty	
ADJW6	6" (150mm)	1 <sup>1</sup> / <sub>16</sub> " (27mm)	5	The extra wide jaw can be used to tighten large nuts and bolts, whilst the metric scale laser etched onto the jaw ensures fast setting of the tool. The rust resistant lacquer increases the product life and the ergonomic soft feel sleeve gives maximum comfort and grip.
ADJW8	8" (200mm)	1 <sup>1</sup> / <sub>16</sub> " (33mm)	5	
ADJW10	10" (250mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	5	
ADJW12	12" (300mm)	1 <sup>3</sup> / <sub>4</sub> " (45mm)	5	



**Adjustable Wrenches - Standard Handle**

Part No	Length	Jaw Width	Pack Qty	
ADJW6S	6" (150mm)	1 <sup>1</sup> / <sub>16</sub> " (27mm)	5	Can be used to tighten large nuts and bolts, whilst the metric scale laser etched onto the jaw ensure fast setting of the tool. The rust resistant lacquer increases the product life.
ADJW8S	8" (200mm)	1 <sup>1</sup> / <sub>16</sub> " (33mm)	5	
ADJW10S	10" (250mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	5	
ADJW12S	12" (300mm)	1 <sup>3</sup> / <sub>4</sub> " (45mm)	5	
ADJW15S*	15" (375mm)	1 <sup>3</sup> / <sub>4</sub> " (45mm)	2	

\* Ring spanner not included



**PIPE CUTTERS & HAND BENDER**

**Copper Pipe Slicers**



For cutting copper tubing. Single handed operation – ideal for use in confined areas, for example where there is limited space between the wall and copper pipes. Two sizes available for use with 15mm and 22mm copper tube. Spare cutting wheels also available.

Part No	Cutting Capacity	Box Qty
ECPS15	19/32" (15mm)	10
ECPS22	7/8" (22mm)	10
ECPS15-SW (Spare Wheel)	19/32" (15mm)	10
ECPS22-SW (Spare Wheel)	7/8" (22mm)	10

**Mini Tube Cutter**



For cutting 3-22mm (1/8" to 7/8" o.d.) copper and aluminium tubing. Specifically suited to small bore tubing. The compact size makes the mini tube cutter ideal for use in confined spaces. Quickly adjusts to the required cutting position. Spare cutting wheel also available.

Part No	Cutting Capacity	Box Qty
ECTC22	1/8" - 7/8" (3-22mm)	10
ECTC22W-SW (Spare Wheels)	1/8" - 7/8" (3-22mm)	(pkt 2) 5
ECTC22W-SS (Spare Wheels - Stainless Steel)	1/8" - 7/8" (3-22mm)	(pkt 6) 24

**Telescopic Tube Cutters**



For cutting copper, brass, aluminium and light gauge steel tube. Makes clean, fast cuts, leaving little flash to clear away. The feed screw does not expand during use, so telescopic tube cutters are ideal for use in confined spaces. Each cutter includes an integral deburrer and a spare cutting wheel. Spare cutting wheels also available separately.

Part No	Cutting Capacity	Box Qty
ECTC32	1/8" - 1 1/2" (3-32mm)	5
ECTC50	3/8" - 2" (5-50mm)	10
ECTC32-SW (Spare Wheels)	1/8" - 1 1/2" (3-32mm)	(2pk) 10
ECTC32W-SS (Spare Wheels) - Stainless Steel	1/8" - 1 1/2" (3-32mm)	(6pk) 24
ECTC50-SW (Spare Wheels)	3/8" - 2" (5-50mm)	(2pk) 10
ECTC50W-SS (Spare Wheels) - Stainless Steel	3/8" - 2" (5-50mm)	(6pk) 24

**Plastic Pipe Cutters**



For cutting PVC, polythene, MDP and polyethylene pipe, HEP 20, plastic overflow pipe and rubber hoses etc. High quality stainless steel blades ensure clean cuts without distortion to the plastic tubing. Ratchet system ensures a fast, efficient cut. Two sizes available; 32mm and 42mm. Spare blades also available.

Part No	Cutting Capacity	Box Qty
EPPC32	1 1/2" (32mm)	1
EPPC42	1 11/16" (42mm)	1
EPPC32-SB (Spare Blade)	1 1/2" (32mm)	1
EPPC42-SB (Spare Blade)	1 11/16" (42mm)	1

**Roller Pipe Cutter**



For cutting steel and cast iron pipe. Frame made from unbreakable SG Ductile iron. The two rollers keep the cutter squarely on track whilst also rolling down burr to leave a clean cut. Includes a hardened steel cutting wheel and a steel mainscrew that applies a firm pressure, creating a clean cut. The safety stop prevents the cutting wheel from being damaged by the rollers.

Part No	Cutting Capacity	Box Qty
ERP2	1/2" - 2" (3-50mm)	1

**Hand Bender & Accessories**

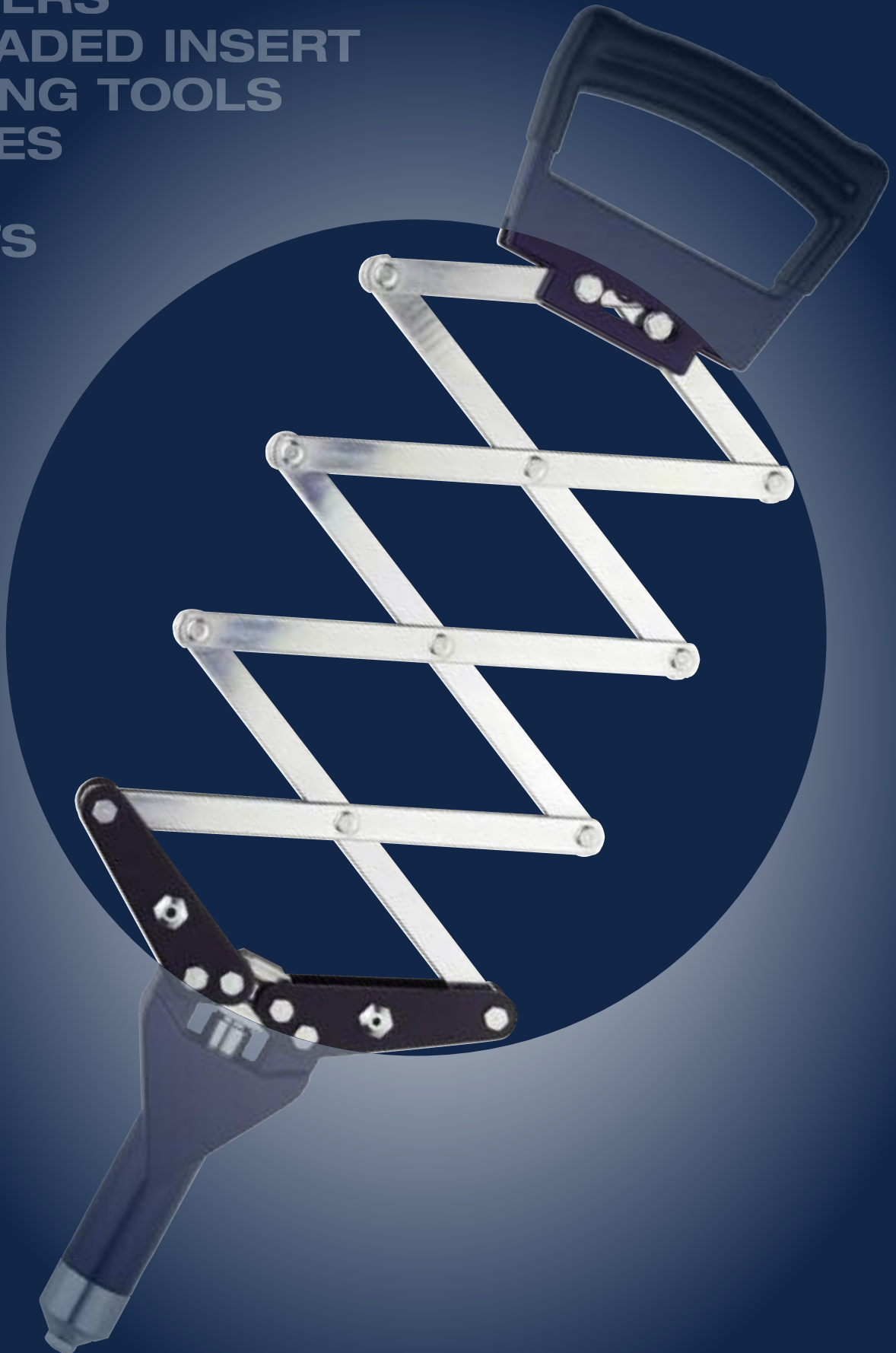


A compact tool for bending 15mm and 22mm o.d. copper tube. Ideal for installing small heating systems. Supplied with 15mm and 22m formers and guides.

Part No	Pipe Capacity	Box Qty
EHB1522	19/32" - 7/8" (15mm - 22mm)	1
EHBG15	15mm Guide	24
EHBG22	22mm Guide	4
EHBF15	15mm Former	10
EHBF22	22mm Former	10



**RIVETERS  
THREADED INSERT  
SETTING TOOLS  
SPARES  
KITS  
RIVETS**



**RIVETERS**

**Lazy Tong - 2750**

Part No	Description	For use with Rivet Sizes	Pack Qty
2750	Lazy Tong	3mm (1/8") 4mm (5/16") 5mm (3/8")	1



This powerful and versatile tool has the advantage of being operated with one hand, providing no loss in efficiency. Useful on vehicle maintenance, agricultural projects and construction

**Heavy Duty Lazy Tong - 2750HD**

Part No	Description	For use with Rivet Sizes	Pack Qty
2750HD	Heavy Duty Lazy Tong	3mm (1/8") 4mm (5/16") 5mm (3/8") 6.4mm (1/4")	1



A fixed head riveter ideal for use with stainless steel rivets up to 6.4mm. This powerful and versatile tool has the advantage of being operated with one hand, providing no loss in efficiency. Useful on vehicle maintenance, agricultural projects and construction.

**Long Arm - 2760**

Part No	Description	For use with Rivet Sizes	Pack Qty
2760	Long Arm	4mm (5/16") 5mm (3/8") 6mm (1/4")	1



The long arms reduce to the minimum the effort required to set rivets up to 6mm. Probably the most powerful industrial hand riveter available today. Ideal for boat building and coachwork, agricultural machine maintenance, etc. Supplied with 4 interchangeable noses

**Heavy Duty Long Nose - 2720**

Part No	Description	For use with Rivet Sizes	Pack Qty
2720	Heavy Duty Long Nose	3mm (1/8") 4mm (5/16") 5mm (3/8")	1



A versatile variation of the 2730, with extra long nose to facilitate access in recessed situations such as corrugated sheet. Supplied with 4 interchangeable noses

**Heavy Duty - 2730**

Part No	Description	For use with Rivet Sizes	Pack Qty
2730	Heavy Duty	3mm (1/8") 4mm (5/16") 5mm (3/8")	1



The market leading professional heavy duty riveter, best suited to engineering and maintenance projects. Supplied with 3 interchangeable noses

**Easy Grip - 2770**

Part No	Description	For use with Rivet Sizes	Pack Qty
2770	Easy Grip	3mm (1/8") 4mm (5/16") 5mm (3/8")	1



Easy one-handed operation. Well suited to light engineering use, especially for the home and workshop, providing a professional finish

**General Purpose Riveter - 2800**

Part No	Description	For use with Rivet Sizes	Pack Qty
2800	General Purpose	2mm (3/16") 3mm (1/8") 4mm (5/16") 5mm (3/8")	1



General purpose riveter, equipped with 4 interchangeable noses, also features automatic ejection of mandrel, slip guarded comfort handles and an internally stored spanner for changing nose bushes

**Easy Grip Kit - 2772**

Part No	Description
2772	The 2770 riveter is supplied with a selection of 3mm, 4mm and 5mm aluminium rivets. Packed in attractive hanging box, offering good product visibility



**Heavy Duty Kit - 2735**

Part No	Description
2735	A carefully conceived engineering riveter kit, comprising robust hinged plastic box and 200 assorted 3, 4 and 5mm aluminium rivets and 2730 heavy duty riveter



**THREADED INSERT SETTING TOOLS & KITS**



**Threaded Insert Setting Tool**

Part No Description

- 1 2743** This thin sheet setting tool has been designed to enable threaded nut inserts to be set easily by hand. Invaluable to maintenance engineers for on-the-spot repairs. Supplied in storage wallet complete with 4mm, 5mm, 6mm and 8mm nose bushes and mandrels

**Threaded Insert Setting Tool Kit**

Part No Description

- 2 2745** As the 2743 but supplied with additional 4mm, 5mm, 6mm and 8mm threaded nutserts. Housed in a compact tool box for easy storage

**Product Benefits**

- Designed for the quick, manual insertion of permanent load bearing threads in materials from 0.20" to 0.128"
- Simple set up and easy uniform stroke allows a nutsert to be set in thin sheet materials without causing surface damage
- A comprehensive range of conversion kits and inserts are available
- One side application
- Flush mounting
- Permanent thread
- Moisture resistant
- Cost effective
- Strong
- Rapid
- Vibration resistant
- Portable

**Threaded Insert Nose Bush / Mandrel Conversion Kit**

Part No.	Size	Qty	Part No.	Size	Qty
72CK211	6 UNC	10	72CK224	1/4 UNF	10
72CK212	8 UNC	10	72CK231	3mm	10
72CK213L	10 UNC	10	72CK232L	4mm	10
72CK214L	1/4 UNC	10	72CK233L	5mm	10
			72CK234	6mm	10
			72CK235	8mm	10

**Inserts**

Part No.	Size	Qty	Part No.	Size	Qty
724504	4mm	100	724505	5mm	100
724506	6mm	100	724508	8mm	100

**TSN® GRIP RANGE**

SIZE	MINIMUM	MAXIMUM
4mm	0.51mm (0.020")	1.27mm (0.050")
5mm	0.51mm (0.020")	1.27mm (0.050")
6mm	0.76mm (0.030")	1.68mm (0.066")
8mm	0.91mm (0.036")	3.25mm (0.128")

All TSN® are BS, ISO metric screw threads in the coarse pitch series. TSN® (thin sheet nutsert) is the registered trademark of AVDEL LTD.

**RIVETER KITS/SPARES/RIVETS/DEBURRING TOOLS**

**Riveter Spare Nose Kits**

Part No	Description	For use with rivet sizes
<b>1</b> 02738A	Kit 1-5x72HD12A	3mm (1/8")
<b>2</b> 02738B	Kit 2-5x72HD13A	4mm (5/32")
<b>3</b> 02738C	Kit 3-5x72HD14	5mm (3/16")

**for use with 2750HD**

<b>02738A-HD</b>	Spare Nose Kit - 5 x 3mm	3mm (1/8")
<b>02738B-HD</b>	Spare Nose Kit - 5 x 4mm	4mm (5/32")
<b>02738C-HD</b>	Spare Nose Kit - 5 x 5mm	5mm (3/16")
<b>02738A-HD</b>	Spare Nose Kit - 5 x 6mm	6mm (1/4")

**for use with 2760**

<b>02768A</b>	Kit 4-1 each 72LA12 72LA13A (for aluminium) 72LA13S (for steel) 72LA14	4mm (5/32") 5mm (3/16") 5mm (3/16") 6mm (1/4")
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**Spare Jaw Kits**

Part No	Description
<b>2738</b>	Pack of 5 jaws to suit models: 2720, 2730, 2750, 2770
<b>02768</b>	Pack of 5 jaws to suit models: 2760

**Riveter Repair Kits**

Part No	Description	Part No	Description
<b>02729</b>	Repair kit for 2720	<b>02759</b>	Repair kit for 2750
<b>02739</b>	Repair kit for 2730/2770	<b>02769</b>	Repair kit for 2760

**Rivets**

**SHORT**

Rivet Dia	Part No	Maximum Grip	Overall Length to Collar
4mm	<b>A24S</b>	2mm	6mm
5mm	<b>A25S</b>	3mm	7mm

**MEDIUM**

Rivet Dia	Part No	Maximum Grip	Overall Length to Collar
4mm	<b>A24M</b>	5mm	8mm
5mm	<b>A25M</b>	7mm	10mm

**LONG**

Rivet Dia	Part No	Maximum Grip	Overall Length to Collar
4mm	<b>A24L</b>	9mm	14mm
5mm	<b>A25L</b>	11mm	16mm

**Deburring Tool**

Part No	Description
<b>1</b> 9350	A multifunctional tool capable of holding a range of different blades, coarse to fine, for external and internal deburring operations. Easy to operate chuck allows for quick blade changeover.



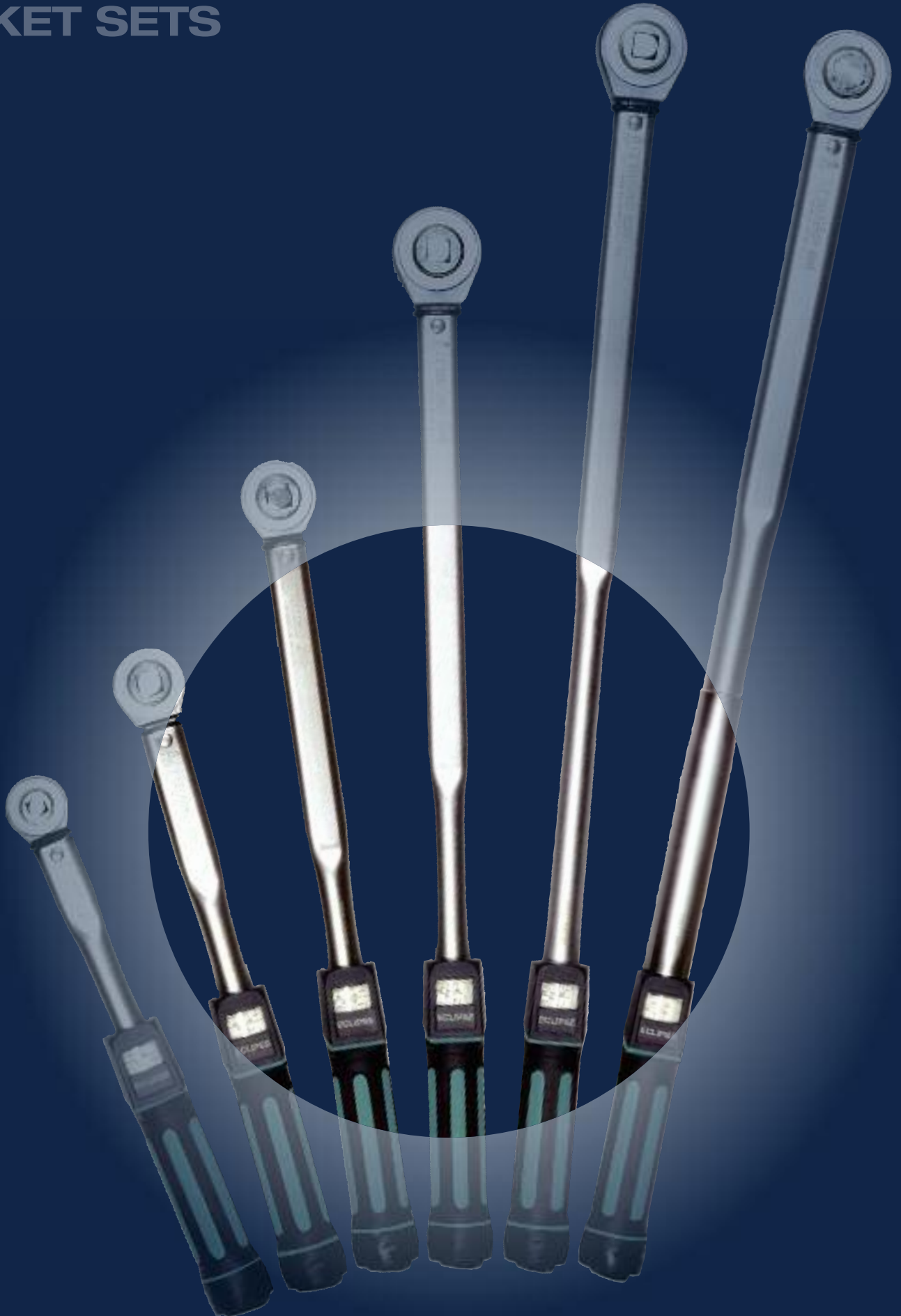
**Deburring Tool Blades**

Part No	Description
<b>2</b> DB1	Heavy Duty HSS blade for steel and aluminium
<b>3</b> DB2	Heavy Duty HSS blade for brass and cast iron. Capable of right and left hand cuts

All blades are ground from quality high speed steel, heat treated for maximum tool life and designed for safety with unique rounded heads.



# TORQUE WRENCHES SOCKET SETS



## ECLIPSE TORQUE TOOLS

Eclipse torque wrenches are manufactured in the UK and incorporate the very latest design, manufacturing and quality control technology to achieve the highest level of innovation and precision in the field of torque control equipment.

## GLOBAL SERVICE

Neill Tools are pleased to advise the availability of tool re-calibration services to the original factory standard at five locations on five different continents. The accredited laboratories are situated in the UK, Australia, USA, Singapore and China, and use the same equipment and procedures as the factory (which has UKAS accreditation). Please contact sales@neill-tools.co.uk for full details of the repair and re-calibration services available.

## THE OFFICIAL MARK OF QUALITY



Eclipse torque wrenches conform to the most stringent quality standards set by UKAS (the UK Government body who set the laboratory standards for calibration services). The factory manufactures according to BSEN ISO/IEC 17025:2000 which sets the standard for the technical competence of the original testing laboratory. This should not be confused with laboratories claiming ISO 9000:2000, as this standard relates only to a laboratory's quality management systems. We guarantee all our tools and products against defective workmanship and materials so you can be sure of first class quality every time.

## ECLIPSE TORQUE WRENCHES: TRACEABLE CALIBRATION

A Certificate of Calibration is generated on the production line during calibration for each torque wrench and is individually packed with each product.

### Certificate Key

1. Torque wrench model
2. Torque wrench individual serial number
3. Torque settings to which the wrench is calibrated
4. Upper and lower tolerance
5. The actual torque readings achieved by the wrench
6. The standard against which the wrench is being tested
7. Details of the test equipment and calibration certificate number. This information provides the traceability to our UKAS laboratory and hence to national standards



		<b>Neill Tools Ltd</b> <small>Mill Way, Mill Hill, Gillingham, Kent, ME13 9JQ, United Kingdom                  Tel: +44 (0)1634 261144 Fax: +44 (0)1634 261144                  sales@neill-tools.co.uk www.neill-tools.co.uk</small>	
<b>Certificate of Calibration</b>			
1. Model: <b>ESLI 3/8"</b>		2. Serial No: <b>2010/206474</b>	
Maximum Capacity: <b>54.0</b>		Units: <b>N.m.</b>	
Inspector: <b>np</b>		Ambient Temperature: <b>20°C</b>	
Set Torque	Min	Max	Actual Readings
10.0	9.82	10.42	9.94 9.92 9.93 9.92
30.0	28.85	31.25	29.63 29.62 29.61 29.58
54.0	51.92	56.25	54.66 54.64 54.60 54.51
The limits shown and the test equipment used for this calibration comply with the requirements of <b>ISO 6789 : 2003</b> 6.			
The uncertainty of the test equipment at 20° is $\pm 1\% k = 2$ .			
The test equipment used in the performance of the above calibration has internal and traceability through the following calibration laboratory which is UKAS accredited to ISO 17025:2006			
UKAS Laboratory No: <b>0256</b>		Date of Calibration	
Tester Model: <b>50026, Dedicated Torque/oper System</b>		<b>19 Oct 2011</b>	
Serial No: <b>28635</b>		Quality Manager	
Cert No: <b>152085</b>		<b>N Parlett</b>	

## ECLIPSE TORQUE WRENCHES

### RATCHET HEAD

#### Torque Mechanism

Accuracy of +/- 3% exceeds all international standards for torque wrenches. Each wrench is supplied with a traceable calibration certificate

#### Ratchet

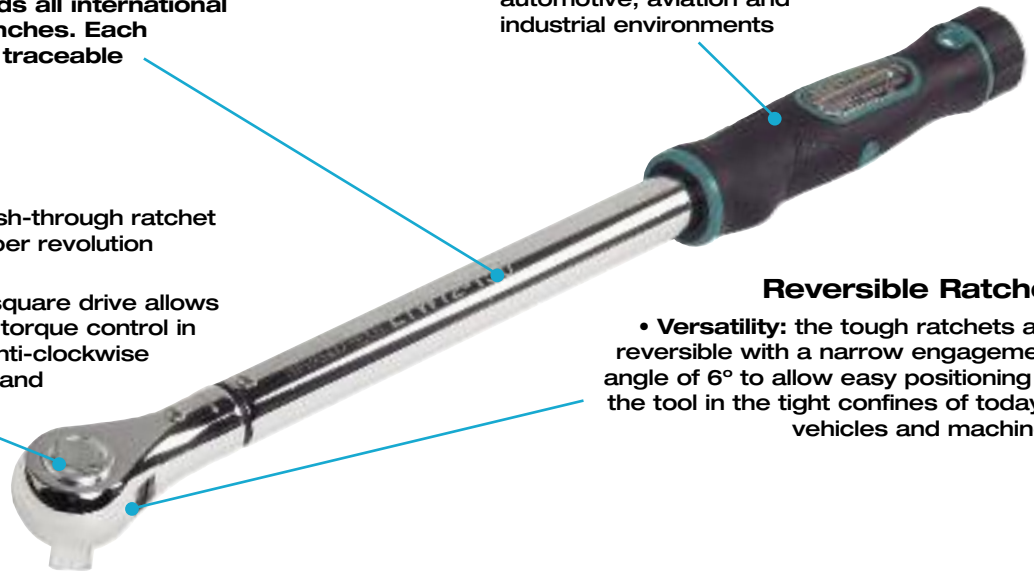
- **Strength & Durability:** push-through ratchet with 60-72 engagements per revolution (depending on the model)
- **Versatility:** push through square drive allows the wrench to be used for torque control in both a clockwise and an anti-clockwise direction (note: ETW14-20 and ETW38-50 are with reversible ratchets so do not have this feature)

#### Handle

- **Comfort & Safety:** two component ergonomic handle for maximum comfort and slip resistance
- **Durability:** Handle material and lens resist chemicals in common usage in the automotive, aviation and industrial environments

#### Reversible Ratchet

- **Versatility:** the tough ratchets are reversible with a narrow engagement angle of 6° to allow easy positioning of the tool in the tight confines of today's vehicles and machines



#### Micrometer Scale

**Versatility & Accuracy:** micrometer scale gives simple and error free setting (On dual scale wrenches, the micrometer increment applies to the N.m scale)



#### Adjustment Mechanism

**Safety:** a robust lock prevents accidental adjustment of the wrench during use.

**Speed and Ease of Use:** quick and light adjustment with the minimal of effort over the entire scale in approximately ten complete turns.



### Torque Wrenches - Ratchet Head

Part No.	Square Drive	Range	Range	Resolution	Ratchet Diameter	Engagements per Revolution	Length	Weight
	Inch	N.m	lbf.ft	N.m	mm		mm	kg
ETW14-20	1/4"	1-20	10-180*	0.05	30	72	230	0.4
ETW38-50	3/8"	8-50	6-35	0.10	30	72	230	0.4
ETW38-100	3/8"	20-100	15-75	0.50	38	60	405	1.0
ETW12-100	1/2"	20-100	15-75	0.50	38	60	405	1.0
ETW12-150	1/2"	30-150	20-110	0.50	38	60	455	1.1
ETW12-200	1/2"	40-200	30-150	1.00	46	60	505	1.2
ETW12-250	1/2"	50-250	40-185	1.00	46	60	560	1.4
ETW12-300	1/2"	60-300	45-220	1.00	46	60	610	1.6

\*lbf.in

**ECLIPSE PROFESSIONAL TORQUE WRENCHES**



**Professional Torque Wrenches - Ratchet Head**

Part No.	Square Drive Inch	Range N.m	Range lbf.ft	Ratchet Diameter mm	Engagements per Revolution	Length mm	Weight kg
<b>EPTW38-60</b>	<b>3/8"</b>	<b>8-60</b>	<b>5-45</b>	<b>35</b>	<b>72</b>	<b>312</b>	<b>0.66</b>
<b>EPTW12-60</b>	<b>1/2"</b>	<b>8-60</b>	<b>5-45</b>	<b>40</b>	<b>72</b>	<b>320</b>	<b>0.74</b>
<b>EPTW38-100</b>	<b>3/8"</b>	<b>20-100</b>	<b>15-80</b>	<b>35</b>	<b>72</b>	<b>353</b>	<b>0.73</b>
<b>EPTW12-100</b>	<b>1/2"</b>	<b>20-100</b>	<b>15-80</b>	<b>40</b>	<b>72</b>	<b>359</b>	<b>0.80</b>
<b>EPTW12-200</b>	<b>1/2"</b>	<b>40-200</b>	<b>30-150</b>	<b>42</b>	<b>72</b>	<b>442</b>	<b>1.01</b>
<b>EPTW12-300</b>	<b>1/2"</b>	<b>60-300</b>	<b>45-220</b>	<b>49</b>	<b>60</b>	<b>570</b>	<b>1.38</b>
<b>EPTW12-330</b>	<b>1/2"</b>	<b>60-330</b>	<b>45-250</b>	<b>49</b>	<b>60</b>	<b>683</b>	<b>1.50</b>
<b>EPTW34-400</b>	<b>3/4"</b>	<b>80-400</b>	<b>60-300</b>	<b>49</b>	<b>60</b>	<b>683</b>	<b>2.09</b>



## ECLIPSE INDUSTRIAL TORQUE WRENCHES

- **Accuracy:** +/-4%, even in arduous working conditions. Each wrench is supplied with a traceable calibration certificate
- **Accuracy:** large break angle improves accuracy by reducing the possibility of over torquing
- **Safety:** cam control of the mechanism gives a controlled break which will not throw the operator off balance
- **Versatility:** dual scaled - N.m and lbf.ft



### Industrial Torque Wrenches

Part No.	Square Drive	Range	Range	Ratchet Diameter	Engagements per Revolution	Length	Weight
	Inch	N.m	lbf.ft	mm		mm	kg
EITW-500	3/4"	100-500	70-350	70	36	910	5.2
EITW-1000	3/4"	300-1000	200-750	70	36	1475	7.3
EITW-1500	3/4"	70-1500	500-1000	70	36	1475	10.4

## SOCKET SETS

### 11 Piece Socket Sets

Part No	Box Qty
<b>EC-SS11M1/2U</b>	1
Sockets	Qty
10mm	1
11mm	1
12mm	1
13mm	1
14mm	1
15mm	1
17mm	1
19mm	1
21mm	1
22mm	1
Plus	Qty
Ratchet	1



Socket Sets are used for tightening and loosening nuts

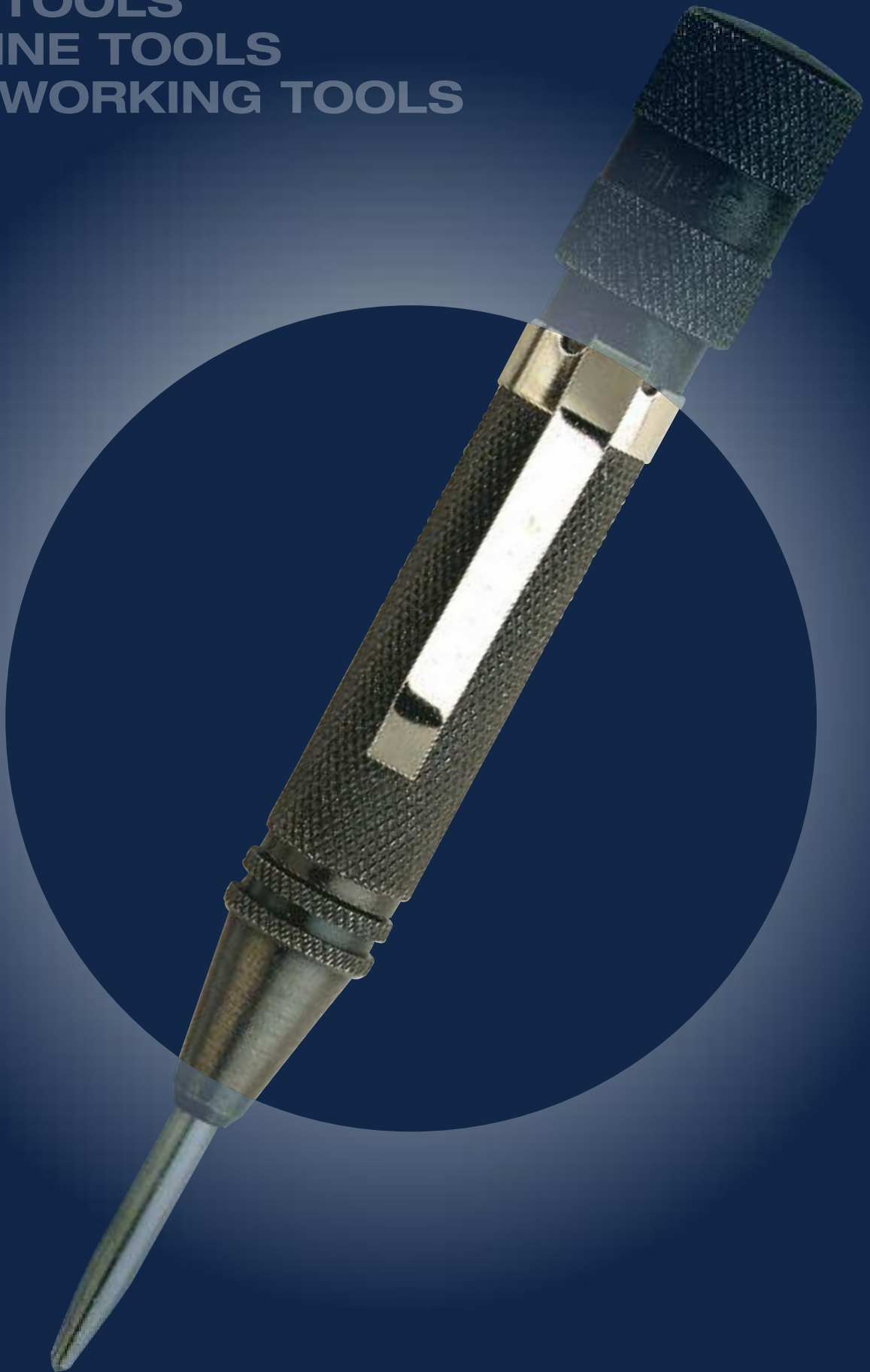
- 1/2" square drive, double hex
- Triple plated chrome vanadium
- Surface drive and high torque system
  - full face contact for maximum torque
  - ideal for fasteners with worn heads

### 24 Piece Socket Sets

Part No	Box Qty	Sockets	Qty	Sockets	Qty
<b>EC-SS24M1/2U</b>	1	10mm	1	21mm	1
		11mm	1	22mm	1
		12mm	1	23mm	1
		13mm	1	24mm	1
		14mm	1	27mm	1
		15mm	1	30mm	1
		17mm	1	32mm	1
		19mm	1		
		Plus			Qty
		Sliding T Bar 250mm	1		
		Universal Joint	1		
		Speed Handle 395mm	1		
		Extension Bar 125mm	1		
		Extension Bar 250mm	1		
		Reversible 72 tooth Ratchet Handle	1		



**HAND TOOLS**  
**MACHINE TOOLS**  
**WOODWORKING TOOLS**



**PUNCHES**

**Centre Punches**

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

Part No	Point Diameter	Length	Pack Size
<b>351A</b>	3.2mm (1/8")	100mm (4")	10
<b>351B</b>	4mm (5/32")	100mm (4")	10
<b>351C</b>	4.8mm (3/16")	100mm (4")	10
<b>1 351D</b>	6.35mm (1/4")	100mm (4")	10
<b>351W</b>	Wallet containing one of each		1 set



**Parallel Punches**

Used to punch out pins and dowels

Part No	Point Diameter	Length	Pack Size
<b>161AA</b>	1.7mm (1/16")	100mm (4")	10
<b>2 161A</b>	2.3mm (1/8")	100mm (4")	10
<b>161B</b>	3.1mm (1/4")	100mm (4")	10
<b>161CC</b>	3.9mm (5/16")	100mm (4")	10
<b>161C</b>	4.7mm (3/8")	100mm (4")	10
<b>161DD</b>	5.3mm (1/2")	100mm (4")	10
<b>3 161D</b>	6.1mm (1/4")	100mm (4")	10
<b>161E</b>	7.6mm (5/8")	150mm (6")	5
<b>4 161FF</b>	9.5mm (3/4")	150mm (6")	5
<b>161W</b>	Wallet containing one of each		1 set



**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.

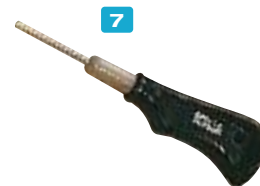
Part No	Length mm	Operating Pressure Range		Pack Size
		kg	lb	
<b>5 65-171R</b>	120mm (4 3/8")	13.5-2.25	30-5	10
<b>6 E172</b>	149mm (5 7/8")	22.5-6.3	50-14	1



**Nail & Pin Drivers**

Two quality drivers for pushing home nails and pins when using a hammer would be hazardous or cause damage. Magnetic head holds nail in place, and spring return allows automatic thrusting of nail below material surface. Pistol grip handle for extra secure grip. 2.5mm: for pushing home panel pins and nails up to 2.5mm diameter. 4mm: for nails up to 4mm diameter.

Part No	Head Type	Diameter	Pack Size
<b>7 9180</b>	Pin driver	2.5mm (1/8")	6
<b>9185</b>	Nail driver	4mm (1/2")	6



## SCRAPERS / PIN VICES / CHUCKS & COLLETS

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. All scrapers have a soft feel handle and are made from high grade tool steel suitably hardened, to maintain a very keen cutting edge.



### Engineers' Scrapers

Suitable for toolroom and small engineering work.

Part No	Blade Length	Cutting Edge	Pack Size
<b>1</b> 96A	100mm (4")	Three Square	5
<b>2</b> 97A	140mm (5½")	Three Square	5
<b>3</b> 96B	100mm (4")	Flat	5
<b>4</b> 97B	150mm (6")	Flat	5
<b>5</b> 96C	100mm (4")	Curved half round	5
<b>6</b> 97C	150mm (6")	Curved half round	5
<b>7</b> 97D	200mm (8")	Curved half round	5
<b>96</b>	Set of 3 comprising Nos 96A, B, and C	1 set	
<b>97</b>	Set of 4 comprising Nos 97A, B, C and D	1 set	

### 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.

Part No	Capacity Type	mm	inches	Overall Length	Pack Size
<b>121</b>	Chuck	0-1.0	0-0.04	75mm (3")	10
<b>122</b>	Chuck	0.75-1.5	0.03-0.062	85mm (3½")	10
<b>123</b>	Chuck	1.4-3.1	0.055-0.122	95mm (3¾")	10
<b>124</b>	Chuck	3.1-5.00	0.122-0.196	105mm (4¼")	10
<b>8</b> 120	Set of 1 each (121, 122, 123 and 124)				1 set



### Erector Scrapers

Suitable for large jobs or heavy engineering. Manufactured from chrome vanadium steel.

Part No	Overall Length	Blade Length	Cutting Edge	Pack Size
<b>256</b>	335mm (13¼")	210mm (8¼")	Flat	5
<b>6</b> 257	350mm (14")	225mm (9")	Curved	5

### Pin Chuck & Replacement Collets

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

Part No	Overall Length mm/inches	Description	Pack Size
<b>9</b> 160	65mm (2½")	Chuck with 3 collets capacity from 0.25-2.5mm(0.01-0.1")	1
<b>RP621HRD</b>		Replacement Collet capacity from 0.25-0.75mm(0.01-0.03")	1
<b>RP622MRD</b>		Replacement Collet capacity from 0.75-1.5mm(0.03-0.06")	1
<b>RP623FRD</b>		Replacement Collet capacity from 1.5-2.5mm(0.06-0.10")	1





### Bearing Scrapers

Part No	Overall Length	Blade Length	Pack Size
<b>2584</b>	180mm (7¼")	100mm (4")	5
<b>2586</b>	240mm (9½")	150mm (6")	5
<b>7</b> 2588	290mm (11½")	200mm (8")	5
<b>258</b>	Set of 3 comprising 258/4, 258/6 and 258/8		1 set



## NUTSPINNERS



### Nut Spinner - BA

Part No			Pack Size
7800	150mm (6")	0 BA	6
7801	150mm (6")	1 BA	6
7802	150mm (6")	2 BA	6
7803	150mm (6")	3 BA	6
7804	150mm (6")	4 BA	6
7806	150mm (6")	6 BA	6

For loosening and securing nuts particularly where spanners cannot reach or are awkward to use. Trilobular handle with tapered neck for ergonomic fit. Dual material handle for comfort in use. Integral moulded finger grips around neck to allow increased torque.





### Nut Spinner - Metric

Part No			Pack Size
7840	150mm (6")	4mm	6
7850	150mm (6")	5mm	6
7855	150mm (6")	5.5mm	6
7860	150mm (6")	6mm	6
7870	150mm (6")	7mm	6
7880	150mm (6")	8mm	6
7810	150mm (6")	10mm	6
7830*	7mm ( <sup>9</sup> / <sub>32</sub> " AF, flexible shaft, with thicker handle for improved working grip. High strength flexible spring shaft. Ideal for use with hose clips.		6

For loosening and securing nuts particularly where spanners cannot reach or are awkward to use. Trilobular handle with tapered neck for ergonomic fit. Dual material handle for comfort in use. Integral moulded finger grips around neck to allow increased torque.



### Nut Spinner Set - Metric

Part No			Pack Size
5490	9-piece metric nut spinner set with: handle, extension piece, 9 interchangeable blades-sizes: 4, 4.5, 5, 5.5, 6, 7, 8, 9 and 10mm in high quality tool roll.		1

For loosening and securing nuts particularly where spanners cannot reach or are awkward to use. Ergonomically designed handle. Low slip textured finish for improved grip and torque.



# SCRIBERS / JEWELLERS SCREWDRIVERS



## Engineers' Scribes

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

Part No	Overall Length	Description	Pack Size
<b>1</b> E222	190mm (7½")	Double Ended	10

## Handy Scribes

Double ended with pointed and knife-edge ends. Suitable for marking and scoring most materials including wood, metal, laminates and plastics.

Part No	Overall Length	Pack Size
<b>6</b> 76-229R	175mm (7")	5

## Pocket Scribes

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

Part No	Size when closed	Description	Pack Size
<b>2</b> E220	89mm (3½")	With hardened steel point	10
<b>3</b> E225	89mm (3½")	With tungsten carbide point	10
<b>22005</b>	-	Replacement hardened steel point	10
<b>4</b> 22502	-	Replacement tungsten carbide point	10

## Jewellers' Screwdrivers

Designed to carry out fine, delicate work by toolmakers, jewellers, watch makers, instrument engineers and opticians. Blade sizes match all commonly used slotted screws. 110mm (4⅝ in) overall length when fitted with blade.

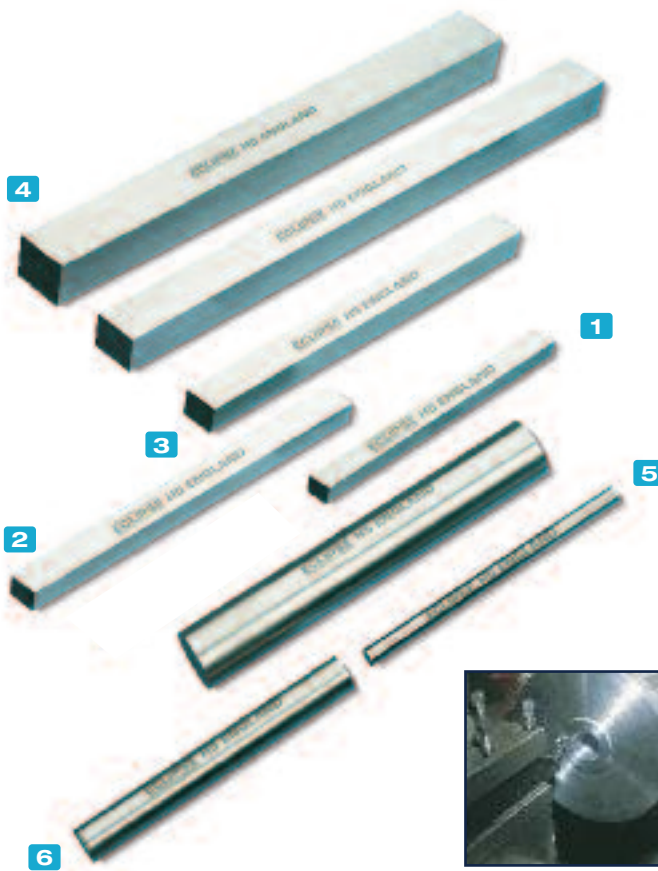
Part No	Blade Width	Pack Size
	mm	in
<b>7771</b>	Set of six complete screwdrivers supplied in fitters case	1 set
<b>7</b> 7772	Pocket set containing one screwdriver body and six interchangeable blades with widths from 0.6mm (0.025in) to 2.5mm (0.100in)	1 set

## Machinists' Scriber

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

Part No	Overall Length	Description	Pack Size
<b>5</b> E227	114mm (4½")	One piece single ended scriber	10

## TOOL BITS & BORING BARS



### Tool Bits

Eclipse H5 tool bits have a 5% cobalt content to give optimum hardness, grindability and cutting performance. Square tool bits can be used in lathes and shaping machines. Round tool bits used in internal boring bars and slotting machines. Tool bits manufactured to ISO5421

H5 Square Part No.	H5 Round Part No.	Dimensions Section	Length	Pack Size
	<b>TE70D/10</b>	4.8mm ( $\frac{3}{16}$ ")	51mm (2")	10
	<b>TE74B/10</b>	4.8mm ( $\frac{3}{16}$ ")	76mm (3")	10
<b>TD109R/10</b>		6.4mm ( $\frac{1}{4}$ ")	76mm (3")	10
<b>1 TD111M/10</b>	<b>TE111C/10</b>	6.4mm ( $\frac{1}{4}$ ")	102mm (4")	10
<b>TD149M/10</b>			76mm (3")	10
<b>TD151N/10</b>	<b>TE151D/10</b>	7.9mm ( $\frac{5}{16}$ ")	102mm (4")	10
<b>2 TD189N/10</b>	<b>6 TE189J</b>	9.5mm ( $\frac{3}{8}$ ")	76mm (3")	10
<b>TD191W/10</b>		9.5mm ( $\frac{3}{8}$ ")	102mm (4")	10
<b>3 TD195C/10</b>		9.5mm ( $\frac{3}{8}$ ")	153mm (6")	10
<b>TD271F</b>	<b>TE271E</b>	12.7mm ( $\frac{1}{2}$ ")	102mm (4")	5
<b>TD275B/10</b>		12.7mm ( $\frac{1}{2}$ ")	153mm (6")	5
<b>TD311E/10</b>		15.9mm ( $\frac{5}{8}$ ")	102mm (4")	5
<b>TD315M</b>		15.9mm ( $\frac{5}{8}$ ")	153mm (6")	5
<b>4 TD351R/10</b>		19.0mm ( $\frac{3}{4}$ ")	102mm (4")	5
<b>TD355N/10</b>		19.0mm ( $\frac{3}{4}$ ")	153mm (6")	5

Diameters quoted are approximate, actual diameters being slightly more than the nominals quoted. We recommend that tool bits be ground under a copious flow of coolant to prevent build-up of heat.

### Boring Bars

Made from H5 cobalt high speed steel. Shank ground on underside to provide a flat surface for ease of setting and to ensure rigidity when used in a tool post. Ends ground ready for use

Part No	Diameter	Length	Pack Size
<b>7 TK105B</b>	5mm ( $\frac{3}{16}$ ")	114mm (4 $\frac{1}{2}$ ")	10
<b>TK146C/10</b>	6.5mm ( $\frac{1}{4}$ ")	127mm (5")	10
<b>TK188P/10</b>	8mm ( $\frac{5}{16}$ ")	153mm (6")	10
<b>8 TK230J/10</b>	9.5mm ( $\frac{3}{8}$ ")	178mm (7")	10



## CUTTING OFF TOOLS & LATHE TOOLS

### Cutting Off Tools - Bevel Section

Bevel section accurately ground with clearance angle at cutting edge

	H5 Square	Width	Top Thickness	Bottom Thickness	Length	Pack Size
1	TH325M	12.70mm (½")	2.4mm (⅜")	1.6mm (⅙")	114mm (4½")	10
2	TH466F	15.87mm (⅝")	2.4mm (⅜")	1.6mm (⅙")	127mm (5")	10
3	TH628V/10	19.05mm (¾")	3.2mm (⅜")	1.6mm (⅙")	153mm (6")	10
4	TH750R	22.23mm (⅞")	3.2mm (⅜")	1.6mm (⅙")	178mm (7")	10
5	TH912T	25.40mm (1")	4.8mm (⅜")	3.2mm (⅜")	203mm (8")	5

### Cutting Off Tools - Hollow Ground

Hollow ground providing extra side clearance

	Part No	Capacity	Thickness	Length	Pack Size
6	TJ123V	7.93mm (⅝")	1.6mm (⅙")	89mm (3½")	10
	TJ445T	12.70mm (½")	2.4mm (⅜")	114mm (4½")	10
	TJ465G	12.70mm (½")	3.2mm (⅜")	114mm (4½")	10
	TJ766J	17.46mm (⅞")	4.0mm (⅜")	127mm (5")	5



### Lathe Tool Sets

Each set contains six H5 tools in a plastic rack. Ends are ground ready for use and bases are ground to ensure correct seating and rigidity. Individual tools in each set are available separately

Part No	Nominal Thickness	Length	Pack Size
7 E420/10	6.5mm (¼")	90mm (3½")	1 set
E430/10	9.5mm (⅜")	125mm (5")	1 set

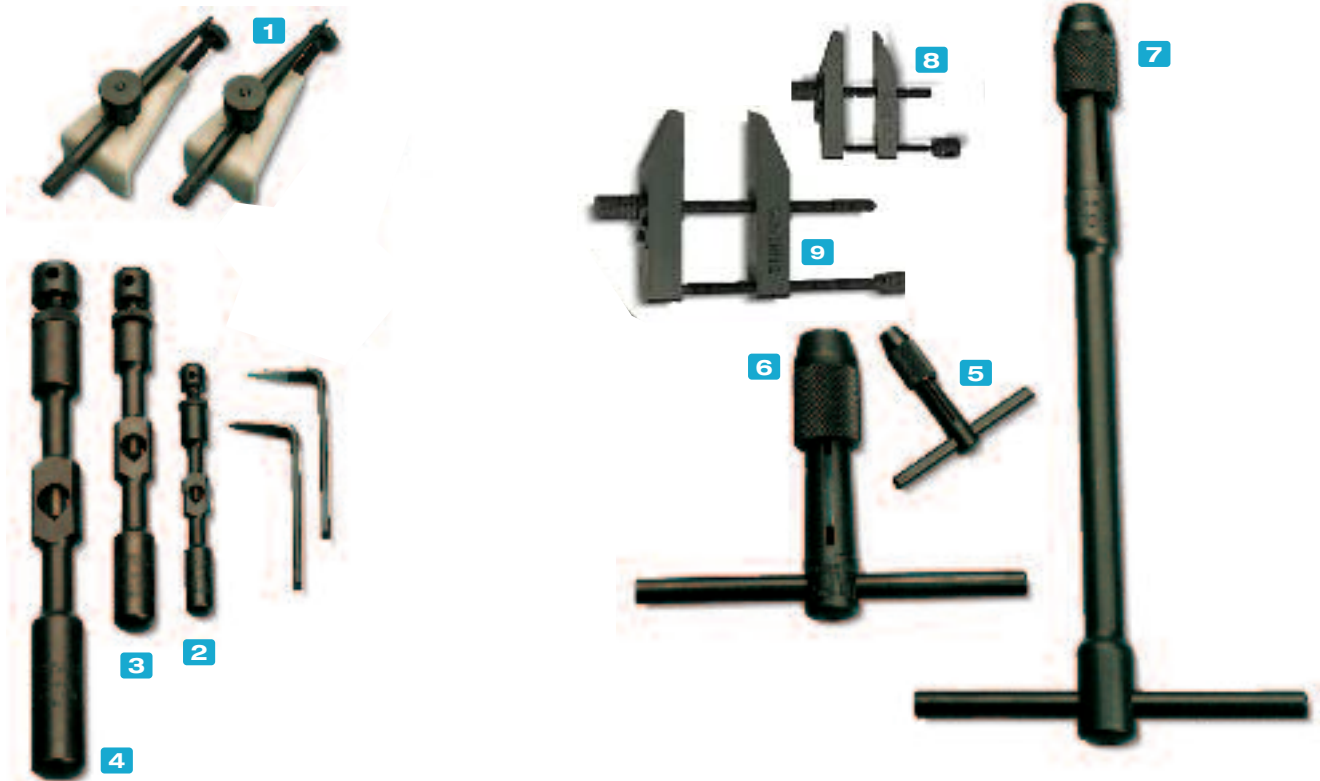
each set contains 1 of each:  
Roughing, Finishing, Parting-Off, External Threading, Boring, Internal Threading

E 430 Series Part No	Unit of Pack
E435 Boring	5
E436 Internal Threading	5





## TAP WRENCHES & ACCESSORIES



### Trammel Heads

Supplied as one 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 offcut between 3/4" to 1 1/2" wide, minimum thickness of 3/8".

Part No	Suitable for beam sizes	Pack Size
<b>1</b> 33	19 x 38mm (3/4" - 1 1/2") Thick, & 38mm (3/4") Wide	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.	Capacity mm	Square A/F ISO	BA	BSW BSF	UNC	UNF	Length mm	in	Unit of Pack
<b>2</b> E240	1.5-4.6	M1-M6	14-0	3/8-3/4	0-12	3/4	110/105	4 1/4	1
<b>3</b> E241	2.0-7.2	M3-M12	5-0	1/2-1 1/2	4-12	1/2-1 1/2	164/156	6 1/2	1
<b>4</b> E242	2.5-9.0	M4-M16	3-0	3/8-3/4	8-12	1/2-3/4	230/220	9	1

### 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
<b>5</b> E141 (Fixed Bar)	50mm (1 7/8")	57mm (2 1/4")	1
<b>E142</b>	65mm (2 1/2")	90mm (3 1/2")	1
<b>6</b> E143	90mm (3 3/4")	127mm (5")	1
<b>E145</b>	165mm (6 1/2")	90mm (3 1/2")	1
<b>7</b> E146	245mm (10")	127mm (5")	1

Part No.	Jaw Capacities	Square A/F mm	ISO	BA	BSW BSF	UNC	UNF
<b>5</b> E141	Min	1	M1	14	-	1	-
	Max	2.8	M3.5	4	3/8	6	-
<b>E142 &amp; E145</b>	Min	2.0	M1	14	3/8	6	-
	Max	5.0	M6	0	3/8	12	3/4
<b>6</b> E143 & <b>7</b> E146	Min	3.0	M4	3	3/8	8	3/4
	Max	8.0	M12	0	3/8	12	3/4

### Tool Makers' Clamp

Manufactured from case-hardened steel, designed to ensure jaws remain in place.

Part No	Jaw Capacity	Length of Jaw	Jaw Section	Pack Size
<b>8</b> 410	25mm (1")	50mm (2")	8.0mm (3/16 sq in)	1
<b>411</b>	38mm (1 1/2")	75mm (3")	11.1mm (7/16 sq in)	1
<b>9</b> 412	63mm (2 1/2")	100mm (4")	14.3mm (9/16 sq in)	1
<b>413</b>	89mm (3 1/2")	125mm (5")	17.5mm (5/8 sq in)	1

## MERCHANDISING / POINT OF SALE

We offer a range of merchandising and point of sale materials to support our stockists. Some of the options are shown below\*

### UNISTAND2

Height: 2360mm (93")  
Width: 1230mm (48½")  
Depth: 660mm (26")



### CHISELMER

Height: 70mm (2¾")  
Width: 280mm (11")  
Depth: 200mm (8")



### HOLESAWMER

Height: 780mm (30¾")  
Width: 590mm (23¼")  
Depth: 130mm (5")



### PEGMER

Height: 650mm (25½")  
Width: 480mm (19")  
Depth: 160mm (6¼")



### SPIN-MER

Height: 500mm (19½")  
Width: 360mm (14")



\* All products shown for illustration purposes only



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