

ECLIPSE

PROFESSIONAL TOOLS



Metal Cutting
Workholding
Gripping & Plumbing Tools

Riveters

Torque Wrenches & Multipliers

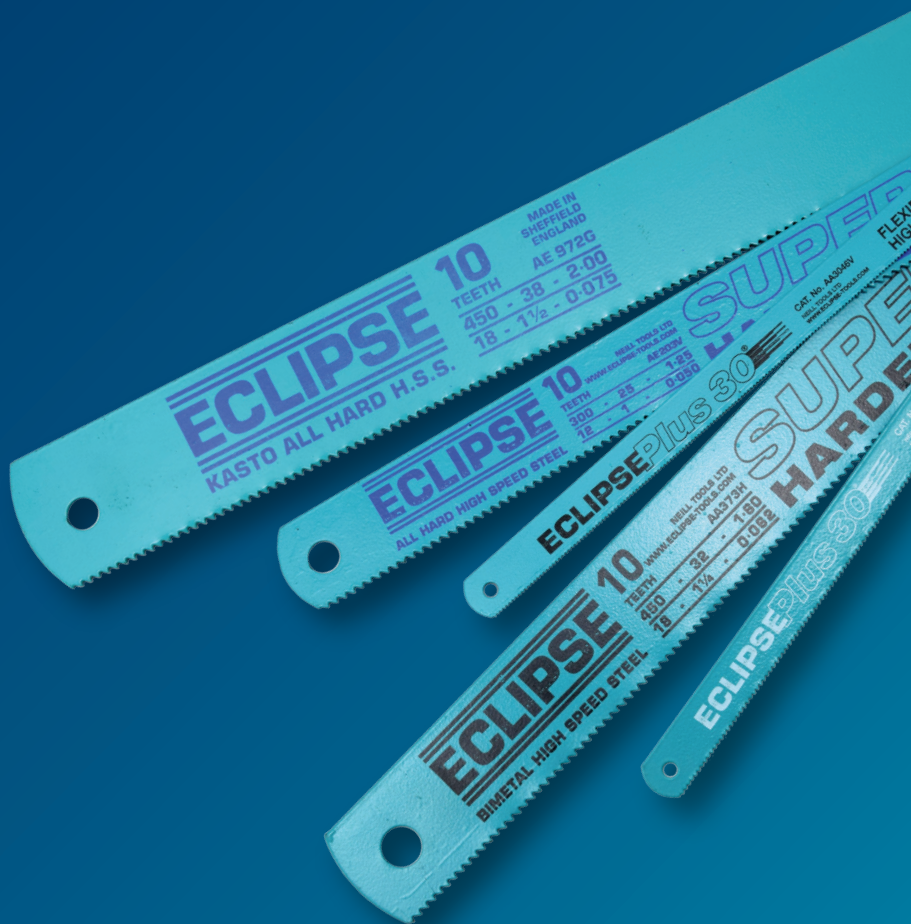
Pliers & VDE Pliers

Engineers' Tools

Chisels & Wrecking Bars

Product Guide

HA HELMUTH A. JENSEN A/S
Islevdalvej 187 • 2610 Rødovre • Denmark • Tel. +45 44 91 11 77 • Telefax +45 44 92 13 53
E-mail: info@viking1913.dk • Website: www.viking1913.dk



Eclipse professional tools have been selling since 1909

The company was founded in the City of Sheffield, England which is famous for producing steel, cutlery and hand tools and continues to be our home over 100 years later.

James Neill formed his own company in 1889, adopting the Eclipse brand name.

Initially manufacturing steel, he moved onto manufacture machine knives, woodworking tools and the hacksaw blades and frames for which the Eclipse brand is known today the world over.

Spear & Jackson branded products developed independently of our Eclipse branded products until 1985 when the James Neill Group acquired Spear & Jackson, subsequently re-naming ourselves as the Spear & Jackson Group.

Whilst the Spear & Jackson brand is probably best known in the UK for our unparalleled range of quality hand, garden and contractors tools, Eclipse is recognised worldwide as the professionals' choice for metal cutting and machinery workshop hand tools.

As you would expect with over 100 years of experience the Eclipse product range has widened to accommodate natural product

extensions, such as holesaws, jig-saw blades, locking jaw pliers, VDE pliers, bolt & cable cutters, aviation snips, riveters, vices, clamps, engineers hand tools, plumbing tools, adjustable wrenches and torque control tools. All designed and manufactured to the highest possible quality standards.

We offer excellent customer service both in the UK and in export markets through a worldwide network of customers in over 80 countries.

Spear & Jackson UK is a division of the wider Spear & Jackson Group, which also includes brands such



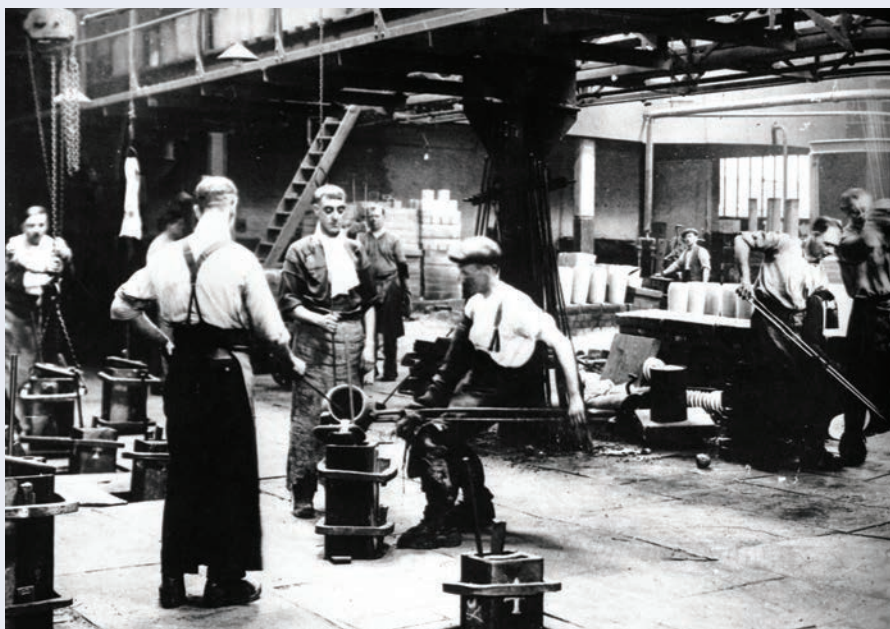
Eclipse tools combine traditional production methods with the latest manufacturing technology



export markets from over 6000 assorted stock locations using both our own transport and national carriers.

We also have sites in North America, France, China, New Zealand and Australia.

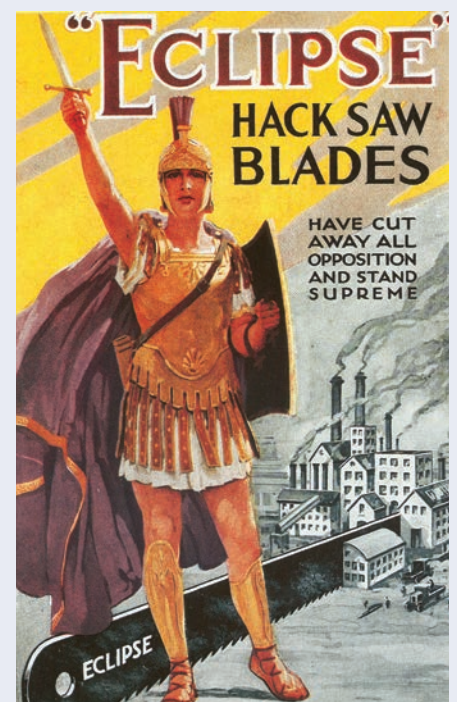
Throughout the development of the Eclipse brand, the company has always continued to innovate both in terms of new ideas and applications, using new technologies and combining new and traditional materials to create reliable, superb quality, highly functional tools at affordable prices, creating our enviable reputation as the supplier of 'The Tools To Trust'.



as Moore & Wright, Eclipse Magnetics, Bowers, Baty and Robert Sorby within it's other divisions.

We moved into our 10 acre head

office site in Sheffield in 1997. Our 97,000 square foot warehouse despatches our range of over 3500 tools to over 2500 UK delivery points each week and over 80



Here's a selection of some of our fantastic new products at a glance!

70-24TR Saw Frame

Aluminium frame is lightweight, strong and durable resulting in less fatigue during prolonged use. It can maintain blade tension up to 200 Kg force to ensure accurate and straight cutting performance. Features a quick blade change mechanism to save time in the workshop & an alternative 45° blade mounting for flush cutting. It is supplied with an Eclipse shatterproof bimetal Plus30 24TPI blade.



Page
16

Available in non UK markets only.

EOHBC-HD Heavy Duty One Handed Bar Clamps

Lightweight Aluminium frames & carbon steel bar are strong and durable and the clamps are capable of achieving up to 300 kg of sustainable holding force and are ideal for heavy duty work holding applications. The quick release insert trigger enables the clamp to be quickly positioned & released, whilst the easy push button system allows quick change from a clamp to a spreader. The removable pads stay fixed to the clamp giving an even distribution of clamping force across the workpiece protecting it from marking damage.



Page
40

ELC80 & ELC120 Series Quick Release Lever Clamps

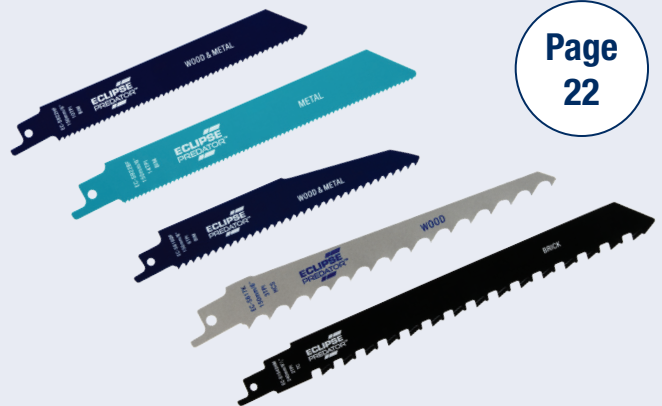
Lightweight Aluminium frames & carbon steel bar are strong and durable and the clamps are capable of achieving up to 180 kg of sustainable holding force and are ideal for gluing, positioning & fastening in wood working applications. They feature a rapid clamping action with a quick release button that instantly releases the clamp. The removable pads stay fixed to the clamp giving an even distribution of clamping force across the workpiece protecting it from marking damage.



Page
39

EC-S Recip Blades for Wood, Metal, Wood/Metal & Brick

A comprehensive range of 19 blades with outstanding cutting performance to meet the needs of the most demanding Professional. HCS blades for wood, bimetal blades for wood and metal, including heavy duty blades for demolition work and a dedicated Tungsten Carbide blade for brick and masonry.



Page
22

Our packaging is designed to allow the consumer to handle the product and explore its features and functionality before buying

'Try Me' Packaging

We design our packaging to allow the customer to really get a feel for the product.

We encourage the features and functionality to be explored before buying, helping the user choose the right product, whilst also delivering enhanced sales for the retailer.

Transparent sections of packaging allow the tool or blade to be seen, making selection easier.



Colour Coding

Eye-catching colour coded packaging and products to reflect product use helps customers make the right tool selection.

Eclipse Brand Heritage	P2	
New Products At A Glance	P4	
Product Packaging	P5	
Metal Cutting	P8	
Hand Hacksaw Blades	P10	
Power Hacksaw Blades	P12	
Small Saw Blades	P14	
Saw Frames	P15	
Specialist Saw Frames	P19	
Cutting	P20	
Jigsaw Blades	P21	
Reciprocating Blades	P22	
Holesaws	P24	
Arbors	P25	
Bolt & Wire Cutters	P29	
Aviation Snips	P31	
General Purpose & Jewellers Snips	P32	
Workholding Solutions	P33	
Vices	P34	
Clamps	P38	
Gripping & Plumbing Tools	P42	
Wrenches	P43	
Pipe Vices & Cutters	P45	
Pipe Cutters & Hand Benders	P46	
Locking Jaw Pliers	P47	
C-Clamps	P49	

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 Cert No.



Cert No. FM12290

Riveters & Threaded Insert Tools	P50	
Torque Wrenches & Torque Multipliers	P55	
Pliers	P65	
VDE Tools	P70	
Engineers' Tools	P75	
Punches	P76	
Scrapers, Pin Vices, Chucks & Collets	P77	
Nut Spinners	P78	
Scribers	P79	
Jewellers Screwdrivers, Tool Bits & Boring Bars	P80	
Cutting Off & Lathe Tools	P81	
Tap Wrenches & Accessories	P82	
Chisels & Wrecking Bars	P83	
Cold Chisels	P84	
Bolsters & Wrecking Bars	P85	
Wood Chisels	P86	
Eclipse Accessories	P87	
Tape Measure, Utility Knives & Blades		
Merchandisers	P88	
Product Data Table	P90	
Terms & Conditions	P106	

Eclipse is the number one name in metal cutting. Hacksaw blades are manufactured to the highest quality standards and show unparalleled cutting performance. A comprehensive range of saw frames complement the hacksaw blades to offer the professional a complete metal cutting solution.

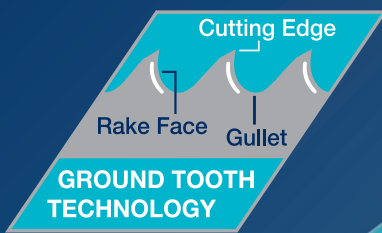


ECLIPSE PREDATOR™



OVER 100 YEARS
OF EXPERTISE

A new generation of bimetal hacksaw blades. Eclipse Predator blades feature precision ground teeth with a positive rake angle and a smooth gullet for effective material removal. This creates a more aggressive and faster cut and a blade that stays sharper for longer. The teeth are ground to very fine tolerances which achieve significantly higher cutting efficiency than standard blades and meet the needs of the most demanding professional.



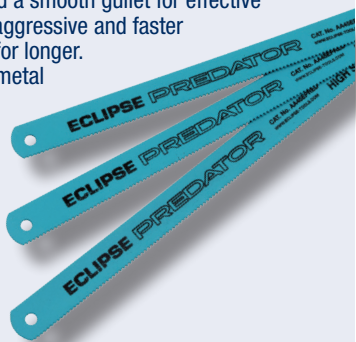
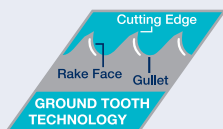
**ECLIPSE
PREDATOR™**
New Eclipse Predator™
teeth provide unparalleled
cutting performance

Market leading professional quality hand hacksaw blades, available in All Hard (HSS) and bimetal (shatterproof) qualities.

Predator Flexible bimetal HSS

A virtually unbreakable blade for superb cutting performance, wear resistance and safety. Eclipse Predator blades feature precision ground teeth with a positive rake angle, and a smooth gullet for effective material removal, creating a more aggressive and faster cut and a blade that stays sharper for longer.

- FASTER CUT than standard bimetal Hacksaw Blades
- SHARPER FIRST CUT
- LONGER LIFE
- SHATTERPROOF BLADE

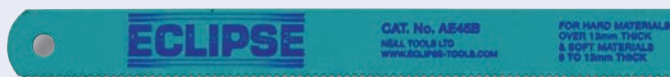


Part No.	Blade Size mm	Blade Size "	Teeth per 25mm	Pack Size	Pack Weight (kg)
AA45E-PRED	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	1.90
AA45E-PRED-PB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	18	100	2.00
AA46V-PRED	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	1.90
AA46V-PRED-PB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	24	100	2.00
AA47R-PRED	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	1.90
AA47R-PRED-PB	300 x 12.5 x 0.63	12 x 1/2 x 0.025	32	100	2.00

All Hard HSS

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



Part No.	Blade Size mm	Blade Size "	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

Plus 30 Flexible bimetal HSS

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.

- FASTER CUT than standard bimetal Hacksaw Blades
- SHARPER FIRST CUT
- LONGER LIFE
- SHATTERPROOF BLADE



Part No.	Blade Size mm	Blade Size "	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

Plus 30 All Hard HSS

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.

- FASTER CUT than standard All Hard Hacksaw Blades
- SHARPER FIRST CUT
- LONGER LIFE



Part No.	Blade Size mm	Blade Size "	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

High quality flexible shatterproof silicon hand hacksaw blades suitable for occasional DIY use.

Flexible Silicon Shatterproof

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



Part No.	Blade Size mm	Blade Size "	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

Packaging Options

Our boxed (100) Hacksaw Blades are available in either traditional cardboard boxes, or in informative tamper proof plastic boxes suitable for retail hanging and easy blade selection.



Retail Pack Hacksaw Blades

Two, three, five and ten options in Plus30 and Predator bimetal, and silicon qualities, available on plastic hangers with euroslots.



Part No.	Description	Length	Teeth per 25mm	Blades in Pack	Pack Size
71-418R	Plus30 bimetal	300mm (12")	18	2	10
71-418R10	Plus30 bimetal	300mm (12")	18	10	10
71-424R	Plus30 bimetal	300mm (12")	24	2	10
71-424R10	Plus30 bimetal	300mm (12")	24	10	10
71-432R	Plus30 bimetal	300mm (12")	32	2	10
71-432R10	Plus30 bimetal	300mm (12")	32	10	10
71-624R	Plus30 bimetal	300mm (12")	18, 24, 32	3	10
71-418RPRED	Predator bimetal	300mm (12")	18	2	10
71-424RPRED	Predator bimetal	300mm (12")	24	2	10
71-432RPRED	Predator bimetal	300mm (12")	32	2	10
71-624RPRED	Predator bimetal	300mm (12")	18, 24, 32	3	10
71-224R	Silicon blades	300mm (12")	24	5	10

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 below is a guide to tooth pitch selection for different materials and various thicknesses

Workpiece Material	Workpiece Thickness					
	mm Inch	<3 <1/8	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,		32				
Low and Medium Carbon			24			
Structural Steels					18	
					14	
High Carbon Steels,		32				
Bronze, Tool Steels, Die Steel,						24
Alloy Steels, Stainless Steels,						18
Copper Alloys						18
Malleable Cast Iron,						18
Titanium Alloys,						18
High Temperature Alloys						18
(Inconel, Nimonic, Hastelloy,						18
Incolony), Nickel Alloys						18
(Monel, Duranickel)						18

Manufactured entirely from top quality M2 High Speed Steel and hardened throughout, All Hard blades are capable of cutting the most difficult materials with great accuracy and combine consistent high performance with long life.

All Hard HSS						
Part No.	Blade Size mm	Blade Size "	Teeth per 25mm	PIN dia. mm	Pack Size	Pack Weight (kg)
AE144N	300 x 16 x 0.80	2 x 5/8 x 0.032	14	5	50	1.60
AE145L	300 x 16 x 0.80	2 x 5/8 x 0.032	18	5	50	1.60
AE146W	300 x 16 x 0.80	2 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 25 x 1.25	17 x 1 x 0.050	6	8.2	10	1.80
AE363R	425 x 25 x 1.25	17 x 1 x 0.050	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

* Made to order. MOQ apply. Details available on request.



Manufactured from high speed steel, electron beam welded to a spring steel back, bimetal blades are virtually unbreakable, safe and able to withstand heavy feed pressures, giving economical, high cutting rates. They will cut through most types of metal including alloy and stainless steels.

All Hard HSS - Suitable for KASTO Hacksawing Machines

Part No.	Blade Size mm	Blade Size "	Teeth per 25mm	PIN dia. mm	Pack Size	Pack Weight (kg)
AE972G*	450 x 38 x 2.00	18 x 1½ 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

* Made to order. MOQ apply. Details available on request.

Bimetal High Speed Steel

Part No.	Blade Size mm	Blade Size "	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 1¼ x 0.062	6	8.2	10	2.68
AA463X	400 x 38 x 2.00	16 x 1¼ x 0.062	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 1¼ x 0.075	6	10.2	10	3.02
AA473V	450 x 38 x 2.00	18 x 1¼ 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

* Made to order. MOQ apply. Details available on request.

Power Blade Tooth Pitch and Cutting Speed Selection Guide

WORKPIECE MATERIAL	SPEED STROKES/Min	mm inch	WORKPIECE THICKNESS							
			<13	13	25	50	75	100	125	
Magnesium	140-160		14							
Aluminium	100-160			10						
Free Machining Low Carbon Steel	140-160			6				4		
Brass	120-150		14							
Copper	90-120			10						
Mild Steel	110-150				6					
Low & Medium Carbon Steels	90-160						4			
Structural Steels	100-125							4		
High Carbon Steels	50-100		14							
Bronze	100-120			10						
Tool Steels	60-80									
Die Steels	50-75			10						
Alloy Steels	45-95									
Copper Alloys	70-120					6				
Malleable Cast Irons	50-90									
Titanium Alloys	50-70								4	
Grey Cast Irons	70-100									
High Temperature Alloys (Inconel, Nimonic, Hastelloy, Incoloy, Waspaloy)	35-75		10							
Nickel Alloys (Monel, Duranickel)	30-60				6					4

Blade selection based on type of material being cut. Also for thinner workpieces select the faster blade speed and higher TPI and for thicker workpieces select the slower speed and lower TPI.



A comprehensive range of blades for use in Eclipse small saw frames, for cutting a wide range of materials including metals, wood and composites in various profiles.

Small Saw Blades					
Part No.	Description	Length	Teeth per 25mm	Blades in Pack	Pack Size
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") <td 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



70-24TR High Tension Hacksaw Frame. A top hacksaw blade deserves a top hacksaw frame.



A choice of hacksaw frames designed for the professional user for cutting a wide range of metals and other materials, including the 70-24TR high tension saw frame with a quick blade change mechanism.

70-24TR High Tension Professional Saw Frame

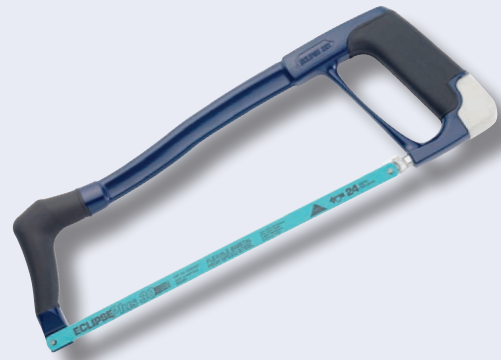
Aluminium frame is lightweight, strong and durable resulting in less fatigue during prolonged use. It can maintain blade tension up to 200 Kg force to ensure accurate and straight cutting performance. Features a quick blade change mechanism to save time in the workshop & an alternative 45° blade mounting for flush cutting. It is supplied with an Eclipse shatterproof bimetal Plus30 24TPI blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
70-24TR	410mm (16")	150mm (6")	6	4.0

70-22TR Saw Frame

The 70-22TR Hacksaw Frame has a soft-feel handle, epoxy coated moulded section steel frame and comes complete with a premium Eclipse PLUS 30 bimetal blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
70-22TR	400mm (16")	132mm (5.1")	5	3.6

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

70-20TR/20TND Saw Frames

"The original" 70-20TR. Strong, tubular frame complete with a die cast handle for greater comfort and control when sawing. Maintains optimum blade tension to ensure accurate & straight cutting performance. Fitted with a premium Plus 30 24tpi bimetal blade, suitable for cutting most metals and plastics. Available in packs of 5's or 20's.



Part No.	Description	Length	Height	Pack QTY	Box Weight (KG)
70-20TR	Prof. Hacksaw	465mm (18 ³ / ₈ "	130mm (5")	5	3.85
20TND*	Prof. Hacksaw x 20 pack	465mm (18 ³ / ₈ "	130mm (5")	20	14.75

18TND Saw Frame

Lightweight and strong mild steel box section frame with a die cast handle for strong grip. Comes complete with an Eclipse Plus 30 bimetal blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
18TND*	443mm (17 ³ / ₈ "	132mm (5 ¹ / ₄ "	10	4.4

Alternative saw frames offering great value for money suitable for cutting a wide range of metals and other materials, including a specialist frame 15TND for use in awkward or restricted areas.

16TND Saw Frame

A lightweight, economical hacksaw frame 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.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
16TND*	430mm (16.9")	132mm (5¼")	10	4.4

* Hacksaws without Plus 30 blades are only available in selected non UK markets

15TND Mini Saw Frame

Mini hacksaw frame ideal for use in awkward or restricted areas. Strong aluminium frame for extra durability. Easy blade changing mechanism without the need for extra tools. Blade length can be changed to enable 80% of the blade to be used increasing cutting efficiency. It has an ergonomic soft grip handle with a thumb grip and is fitted with a 12" shatterproof Eclipse Plus30 24TPI bimetal hacksaw blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
15TND	320mm (12¾")	55mm (2¼")	12	2.8

40PG30 Saw Frame

A traditional pistol grip hacksaw with die cast handle & solid frame. Comes complete with an Eclipse Plus30 bimetal blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
40PG30	485mm (19")	120mm (4¾")	5	3.50

70-400R/400ND Saw Frame

Tubular steel frame and comfort grip plastic handle supplied with an Eclipse flexible silicon steel blade.

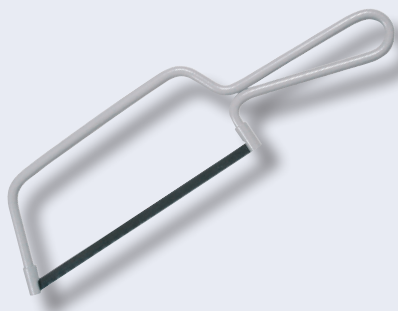


Part No.	Length	Height	Pack QTY	Box Weight (KG)
70-400R	400mm (15¾")	130mm (5")	5	2.5
400ND	400mm (15¾")	130mm (5")	20	9.20

Junior hacksaw frames available with a choice of handle types for wood and metal cutting, pad saws for cutting in restricted areas and general purpose saws for wood and plastic cutting.

70-14JR Saw Frame

Junior Hacksaw with an epoxy coated steel frame and Eclipse metal cutting blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
70-14JR	260mm (10½")	67mm (2⅝")	5	0.7

70-675R Saw Frame

Junior hacksaw with plastic moulded pistol grip comfort handle, steel frame and Eclipse blade. Blade tensioning device incorporated in the handle. Supplied with Eclipse metal cutting blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
70-675R	250mm (10")	100mm (4")	5	1

72-66XR General Purpose Saw

General purpose saw for cutting through wood, plastics & soft metals (such as nails). Polyester coated blade and diecast handle. Blade has 9 preset positions for versatility whilst cutting in awkward or confined areas.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
72-66XR	465mm (18¼")	115mm	5	2.70
73-66SR Spare Blade	375mm (15¾")	70mm	10	1.5

70-130R Padsaw

Padsaw for sawing in confined places. 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. Ideal for cutting out keyholes and letterboxes.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
70-130R	276mm (10⅞")	110mm	5	1.40

A range of specialist saw frames for cutting and shaping various materials such as wood, bone, plastics and jewellery.

70-CP1R Coping Saw

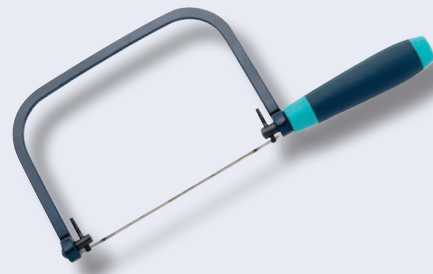
Coping saw for cutting and shaping in wood. Comfortable wooden handle and steel frame. Blades can be positioned at any angle to the frame. Supplied with Eclipse 14tpi Coping Saw blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
70-CP1R	315mm (12 ³ / ₈ "	130mm (5 ¹ / ₈ "	5	1.50

70-CP1RSF Coping Saw

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. Supplied with Eclipse 14tpi Coping Saw blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
70-CP1RSF	317mm (12 ³ / ₈ "	130mm (5 ¹ / ₈ "	5	1.50

70-FS1R Fretsaw

Fretsaw for fine cutting work in thin materials such as wood, bone, plastics, etc - ideal for professionals and hobbyists. Comfortable wooden handle and steel frame. Supplied with Eclipse 16tpi Fretsaw blade.



Part No.	Length	Height	Pack QTY	Box Weight (KG)
70-FS1R	270mm (10 ⁵ / ₈ "	300mm (11 ⁷ / ₈ "	5	2.05

PS51 Piercing Saw

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



Part No.	Length	Height	Pack QTY	Box Weight (KG)
PS51	292mm (11 ¹ / ₂ "	95mm (3 ³ / ₄ "	5	0.90

Ranges of Holesaws and Jigsaw Blades for use with power tools for cutting a range of materials including metal, ceramics, wood, plasterboard, pipes and plastics. Bolt Cutters and snips for the manual cutting of bolts, wire, cables, sheet metals, copper, silver and gold.



Eclipse Predator Jigsaw blades have unrivalled cutting speed & life and can tackle almost all cutting tasks using a power jigsaw. The Universal “T” Shank type fits most leading brand Jigsaw machines. Each pack contains 5 blades.

Wood

Part No.	Cut	Teeth	TPI	Length	Cut Thickness
EPT101B	Fine Straight	2.7mm	10	100mm	Up to 30mm
EPT101BR	Fine Precision Reverse	2.5mm	10	100mm	Up to 30mm
EPT101D	Fine Straight	4.0 - 5.2mm P	6 - 5 P	100mm	Up to 50mm
EPT111C	Fast Straight	3mm	8	100mm	Up to 50mm
EPT119B	Fine Straight	1.9 - 2.3mm P	14 - 11 P	75mm	Up to 15mm
EPT144D	Fast Straight	4.0 - 5.2mm P	6 - 5 P	100mm	Up to 50mm
EPT119B0	Fine Curve	2.0mm	12	75mm	Up to 15mm
EPT244D	Fast Curve	4.0 - 5.2mm P	6 - 5 P	100mm	Up to 50mm
EPT301CD	Fine Straight	3.0mm	8	115mm	Up to 65mm

Metal

Part No.	Cut	Teeth	TPI	Length	Cut Thickness
EPT118G	Fine Straight	0.7mm	32	75mm	Up to 1.5mm
EPT118A	Fine Straight	1.1 - 1.5mm P	24 - 17 P	75mm	Up to 3mm
EPT118B	Fine Straight	1.9 - 2.3mm P	14 - 11 P	75mm	2.5 - 6.0mm
EPT318A	Fine Straight	1.2mm	21	132mm	Sheet Metal up to 3mm Metal Pipes up to 65mm
EPT127D	Fast Straight	3.0mm	8	100mm	Aluminium up to 30mm Sheet Metal up to 15mm Metal Pipe up to 30mm

Soft Ceramics

Part No.	Cut	Teeth	TPI	Length	Cut Thickness
EPT150RIFF	Fine Straight	50 grit	N/A	75mm	5 - 10mm

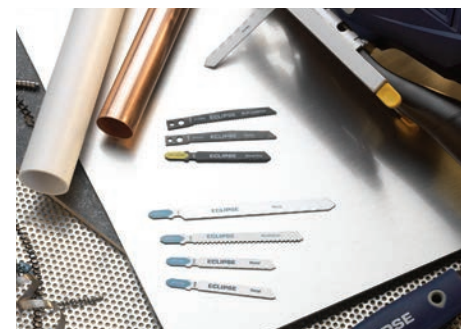
P = Progressive Teeth

EPT-WM10 10 Piece Jigsaw Blade Set – Wood & Metal Cutting

Part No.	Qty	Cut	TPI	Material	Cut Thickness
EPT101B	2	Fine Straight	10	Wood / Plastic	Up to 30mm
EPT101BR	2	Fine Precision	10	Wood / Laminate	Up to 30mm
EPT101D	1	Fine Straight	6 - 5 P	Wood / Laminate	Up to 50mm
EPT111C	1	Fast Straight	8	Wood	Up to 50mm
EPT144D	1	Fast Straight	6 - 5 P	Wood	Up to 50mm
EPT118A	1	Fine Straight	24 - 17 P	Metal	Up to 3mm
EPT118G	1	Fine Straight	32	Metal	Up to 1.5mm
EPT127D	1	Fast Straight	8	1) Metal 2) Aluminium	1) Up to 15mm 2) Up to 30mm

EPT-W10 10 Piece Jigsaw Blade Set – Wood Cutting

Part No.	Qty	Cut	TPI	Material	Cut Thickness
EPT101B	2	Fine Straight	10	Wood / Plastic	Up to 30mm
EPT101BR	2	Fine Precision	10	Wood / Laminate	Up to 30mm
EPT101D	2	Fine Straight	6 - 5 P	Wood / Laminate	Up to 50mm
EPT111C	2	Fast Straight	8	Wood	Up to 50mm
EPT144D	1	Fast Straight	6 - 5 P	Wood	Up to 50mm
EPT244D	1	Fast Curve	6 - 5 P	Wood	Up to 50mm



Eclipse Predator Reciprocating Saw Blades. Outstanding cutting performance to meet the needs of the most demanding professional. All blades have a Universal fitting to fit most popular reciprocating saw machines. Each pack contains 5 pieces. * Brick blade is only available in a pack of 1 piece

HCS

- Made from High Carbon Steel specially designed for wood cutting in terms of hardness and resistance.
- Highly suitable for other soft materials such as laminated chipboards and soft plastics.

Bimetal

- High performance bimetal blades featuring an electron beam welded heavy duty bimetal construction.
- They combine a M42 HSS steel cutting edge containing 8% Cobalt for aggressive long lasting teeth welded to a flexible alloy spring steel backing.
- This ensures a virtually unbreakable blade, which stays sharper for longer providing superb cutting performance, wear resistance and safety.
- Highly suitable for cutting sheet metal, metal pipes, profiles as well as wood with nails, plastics and reinforced plastics
- Include heavy duty blades for demolition work

TC

- Special blade with Tungsten Carbide tipped teeth designed to allow easy and fast cuts through construction materials such as brick, porous concrete and masonry.

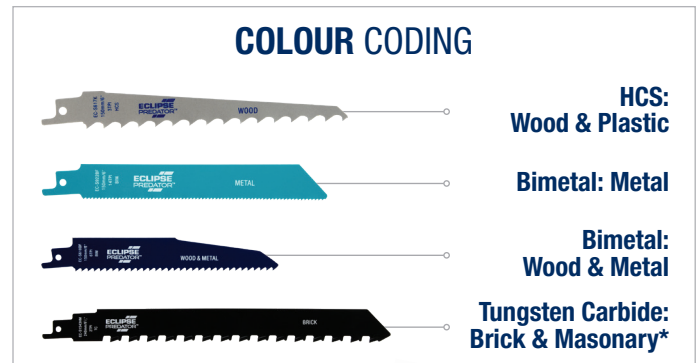
Teeth Per Inch Selection Guide

3 TPI	6 TPI	8 TPI	10 TPI	10/14 TPI	14 TPI	18 TPI	24 TPI
Rough			Cut Quality				Smooth
Fast			Cut Speed				Slow
Wood							
				Thick Metal 3-8mm			
				Medium Metal 1.5-4mm			
				Thin Metal 0.7-3mm			

Bimetal: Metal Cutting

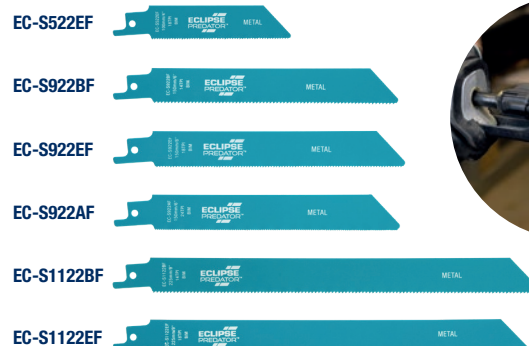
Part No.	Size (mm)	TPI	Application
EC-S522EF	100 x 19 x 0.9	18	Medium sheet metal (1.5-4mm).
EC-S922BF	150 x 19 x 0.9	14	Thick sheet metal (3-8mm), solid profiles & pipes (Ø 10-100mm).
EC-S922EF	150 x 19 x 0.9	18	Medium sheet metal (1.5-4mm), pipes/profiles (Ø 5-100mm).
EC-S922AF	150 x 19 x 0.9	24	Thin sheet metal (0.7-3mm), fine pipes/profiles (Ø 5-100mm).
EC-S1122BF	225 x 19 x 0.9	14	Thick sheet metal (3-8mm), solid profiles & pipes (Ø > 175mm) flexible flush cut
EC-S1122EF	225 x 19 x 0.9	18	Medium sheet metal (1.5-4mm), pipes/profiles (Ø > 175mm) flexible flush cut

COLOUR CODING



Blade Length Selection Guide

For best results, use a TPI that yields 2-3 teeth in the material at all times.



HCS blades for wood, bimetal blades for wood and metal, including heavy duty blades for demolition work and a dedicated Tungsten Carbide blade for brick and masonry.

Bimetal: Wood & Metal, Nail embedded wood, plastic, reinforced plastics

Part No.	Size (mm)	TPI	Application
EC-S922HF	150 x 19 x 0.9	10	Wood with nails/metal (5-100mm), sheet metal, pipes, aluminium profiles (3-12mm) pallets.
EC-S1122HF	225 x 19 x 0.9	10	Pallet repair, wood with nails/metal (5-175mm), sheet metal, pipes, aluminium profiles (3-12mm)* flexible flush cutting
EC-S1222VF	300 x 19 x 0.9	10 - 14 P	Wood with nails/metal(5-250mm),sheet metal, pipes, aluminium profiles (3-10mm) pallets. plastic profiles (dia 3 -250mm)* Flexible flush cut
EC-S611DF	150 x 19 x 1.25	6	Wood with nails/metal, chipboards (10-100mm) plastic profiles (Ø 5-100mm), plastics/glass fibre reinforced plastics, window frames: wood & metal *especially for plunge cut.
EC-S1111DF	225 x 19 x 1.25	6	Wood with nails/metal, chipboards (10-100mm) plastic profiles (Ø 5-175mm), plastics/glass fibre reinforced plastics, profiles (8-50mm).
EC-S1411DF	300 x 19 x 1.25	6	Wood with nails/metal, chipboards (10-250mm) aerated concrete (10-250mm), plastics/glass fibre reinforced plastics, profiles (5-60mm).



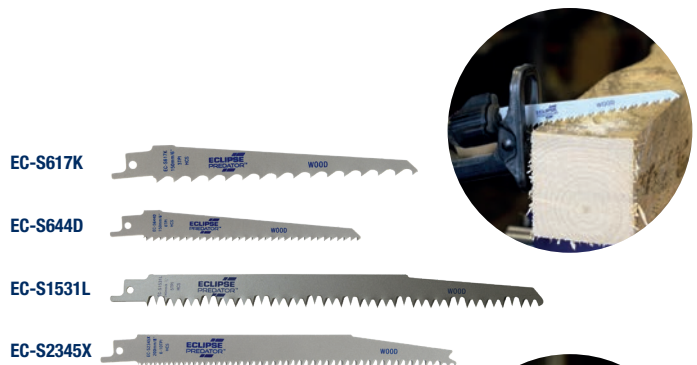
Bimetal : Demolition Wood & Metal, Nail embedded wood, plastic, reinforced plastics

Part No.	Size (mm)	TPI	Application
EC-S610DF	150 x 22 x 1.6	6	Wood with nails/metal, chipboards (10-100mm) plastics/glassfibre reinforced plastics, wall cutouts: wood+metal (<75mm). *for rescue/demolition work.
EC-S1110DF	225 x 22 x 1.6	6	Wood with nails/metal, chipboards (10-175mm) Plastics/glassfibre reinforced plastics, wall cutouts: wood+metal(<150mm). *for rescue/demolition work.



HCS - Wood, Composition Materials & Plastics

Part No.	Size (mm)	TPI	Application
EC-S617K	150 x 19 x 1.25	3	Coarse Wood free of nails (20-100mm). Pruning green wood (Ø <100mm). * Especially for curved cuts
EC-S644D	150 x 19 x 1.25	6	Construction timber (6-100mm). Wooden panels (<75mm), chipboard, mdf (6-60mm), plywood, plastic (6-100mm), *especially for plunge cuts
EC-S1531L	240 x 19 x 1.5	5	Coarse, fast cuts in wood <=175mm (tree cutting and pruning)
EC-S2345X	200 x 19 x 1.5	6 - 10 P	Construction timber (6-150mm). Chipboard, MDF(6-60mm), plywood, plastic (6-150mm), wooden panels (<175mm)



Tungsten Carbide: Masonry & Bricks

Part No.	Size (mm)	TPI	Application
EC-S1543HM	240 x 23 x 1.5	2	For small bricks up to a material thickness of 150 mm (Poroton, Fibre cement, Porous concrete, Red brick)



P = Progressive Teeth

Eclipse bimetal Holesaws are constructed from hardened M3 HSS teeth, electron-beam welded to a tough alloy body and cap, giving exceptional strength, durability, shatter resistance and true running.



Suitable for cutting through mild and stainless steel, cast iron, brass, aluminium and wood



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

Packaged as boxed singles



Vari-Pitch Holesaws - All purpose 4/6 pitch teeth

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

* EBV30-160 160mm (6 5/16"), EBV30-168 168mm (6 5/8"), EBV30-178 178mm (7") and EBV30-210 210mm (8 1/4"). Made to order. MOQ apply. Details available on request.

Constant Pitch Holesaws - Thin sheet metal Holesaws constant pitch teeth 6tpi

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

*Made to Order. MOQ apply. Details available on request.

Handy Holesaw Kits put together to fulfil the requirements of specific users, such as plumbers and electricians.

EE30-K - Electricians Kit

Electricians kit of Holesaws & Arbors, contains:

Holesaws: 16mm, 20mm, 25mm, 32mm, 38mm, 51mm

Arbors: E2, E4



EGP30-K - General Purpose Kit

A general purpose kit of Holesaws & Arbors, contains:

Holesaws: 22mm, 29mm, 35mm, 44mm, 51mm, 64mm

Arbors: E2, E4



EPP30-K - Plumbers and Electricians Kit

A Plumbers and Electricians kit of Holesaws & Arbors, contains:

Holesaws: 20mm, 22mm, 29mm, 35mm, 38mm, 44mm, 51mm, 57mm, 64mm

Arbors: E2, E4, E11

Plus: EE12 Extension 4mm Hexkey



Arbors & Accessories

EE12 Arbor Extension

- Size: 300mm (12")
- Pack Size: 1



ED1 Pilot Drill

- Size: 70mm (2¾")
- Pack Size: 10



ED2 Pilot Drill

- Size: 114mm (4½")
- Pack Size: 10



E4 Arbor

- Holesaw Diameter: 14mm-30mm (9/16" - 1 3/16")
- Screw Thread: ½" - 20
- Shank Type: 6mm (¼) Round
- Drill Chuck: 6mm (¼)



A comprehensive range of Arbors for use with Eclipse and other branded Holesaws.

E1 Arbor

- Holesaw Diameter: 14mm-30mm ($\frac{9}{16}$ " - $1\frac{3}{16}$ ")
- Screw Thread: $\frac{1}{2}$ " - 20
- Shank Type: 10mm ($\frac{3}{8}$) HEX
- Drill Chuck: 10mm ($\frac{3}{8}$)



E11 Arbor

- Holesaw Diameter: 14mm-30mm ($\frac{9}{16}$ " - $1\frac{3}{16}$ ")
- Screw Thread: $\frac{1}{2}$ " - 20
- Shank Type: 11mm ($\frac{7}{16}$) HEX
- Drill Chuck: 13mm ($\frac{1}{2}$)



E6 Arbor

- Holesaw Diameter: 32mm-152mm ($1\frac{1}{4}$ " - 6")
- Screw Thread: $\frac{5}{8}$ " - 18
- Shank Type: 11mm ($\frac{7}{16}$) HEX
- Drill Chuck: 13mm ($\frac{1}{2}$)



E2 Arbor

- Holesaw Diameter: 32mm-152mm ($1\frac{1}{4}$ " - 6")
- Screw Thread: $\frac{5}{8}$ " - 18
- Shank Type: 11mm ($\frac{7}{16}$) HEX
- Drill Chuck: 13mm ($\frac{1}{2}$)



E2QR Quick Release Arbor

- Holesaw Diameter: 32mm-152mm ($1\frac{1}{4}$ " - 6")
- Screw Thread: $\frac{5}{8}$ " - 18
- Shank Type: 11mm ($\frac{7}{16}$) HEX
- Drill Chuck: 13mm ($\frac{1}{2}$)



E-GP Arbor

- Holesaw Diameter: 14mm-152mm ($\frac{9}{16}$ " - 6")
- Screw Thread: $\frac{1}{2}$ " - 20
- Shank Type: 11mm ($\frac{7}{16}$) HEX
- Drill Chuck: 13mm ($\frac{1}{2}$)



Individually packed in retail clam shell blister packs

Eclipse Predator HSS bimetal Holesaws are constructed from hardened M3 HSS teeth, electron beam welded to a tough alloy body and cap, giving exceptional strength, durability, shatter resistance and true running. Available with 4/6 variable pitch teeth for all purpose applications with a fast accurate cut

- Exceptional cutting performance on mild and stainless steel, cast iron, brass, bronze, aluminium, plastic and wood
- Packed in retail friendly blister packs



Code	Product	Diameter
EBVP-14	14mm Predator HSS Bimetal Holesaw	14mm (9/16")
EBVP-16	16mm Predator HSS Bimetal Holesaw	16mm (5/8")
EBVP-17	17mm Predator HSS Bimetal Holesaw	17mm (11/16")
EBVP-19	19mm Predator HSS Bimetal Holesaw	19mm (3/4")
EBVP-20	20mm Predator HSS Bimetal Holesaw	20mm (25/32")
EBVP-21	21mm Predator HSS Bimetal Holesaw	21mm (13/16")
EBVP-22	22mm Predator HSS Bimetal Holesaw	22mm (7/8")
EBVP-24	24mm Predator HSS Bimetal Holesaw	24mm (15/16")
EBVP-25	25mm Predator HSS Bimetal Holesaw	25mm (1")
EBVP-27	27mm Predator HSS Bimetal Holesaw	27mm (1 1/16")
EBVP-29	29mm Predator HSS Bimetal Holesaw	29mm (1 1/8")
EBVP-30	30mm Predator HSS Bimetal Holesaw	30mm (1 1/16")
EBVP-32	32mm Predator HSS Bimetal Holesaw	32mm (1 1/4")
EBVP-33	33mm Predator HSS Bimetal Holesaw	33mm (1 3/16")
EBVP-35	35mm Predator HSS Bimetal Holesaw	35mm (1 3/8")
EBVP-37	37mm Predator HSS Bimetal Holesaw	37mm (1 7/16")
EBVP-38	38mm Predator HSS Bimetal Holesaw	38mm (1 1/2")
EBVP-40	40mm Predator HSS Bimetal Holesaw	40mm (1 9/16")
EBVP-41	41mm Predator HSS Bimetal Holesaw	41mm (1 5/8")
EBVP-43	43mm Predator HSS Bimetal Holesaw	43mm (1 11/16")
EBVP-44	44mm Predator HSS Bimetal Holesaw	44mm (1 3/4")
EBVP-46	46mm Predator HSS Bimetal Holesaw	46mm (1 13/16")
EBVP-48	48mm Predator HSS Bimetal Holesaw	48mm (1 7/8")
EBVP-51	51mm Predator HSS Bimetal Holesaw	51mm (2")
EBVP-52	52mm Predator HSS Bimetal Holesaw	52mm (2 1/16")
EBVP-54	54mm Predator HSS Bimetal Holesaw	54mm (2 1/8")
EBVP-55	55mm Predator HSS Bimetal Holesaw	55mm (2 3/16")
EBVP-57	57mm Predator HSS Bimetal Holesaw	57mm (2 1/4")

Code	Product	Diameter
EBVP-59	59mm Predator HSS Bimetal Holesaw	59mm (2 3/16")
EBVP-60	60mm Predator HSS Bimetal Holesaw	60mm (2 3/8")
EBVP-64	64mm Predator HSS Bimetal Holesaw	64mm (2 1/2")
EBVP-65	65mm Predator HSS Bimetal Holesaw	65mm (2 5/16")
EBVP-67	67mm Predator HSS Bimetal Holesaw	67mm (2 5/8")
EBVP-68	68mm Predator HSS Bimetal Holesaw	68mm (2 11/16")
EBVP-70	70mm Predator HSS Bimetal Holesaw	70mm (2 3/4")
EBVP-73	73mm Predator HSS Bimetal Holesaw	73mm (2 7/8")
EBVP-76	76mm Predator HSS Bimetal Holesaw	76mm (3")
EBVP-79	79mm Predator HSS Bimetal Holesaw	79mm (3 1/8")
EBVP-83	83mm Predator HSS Bimetal Holesaw	83mm (3 1/4")
EBVP-86	86mm Predator HSS Bimetal Holesaw	86mm (3 3/8")
EBVP-89	89mm Predator HSS Bimetal Holesaw	89mm (3 5/8")
EBVP-92	92mm Predator HSS Bimetal Holesaw	92mm (3 5/8")
EBVP-95	95mm Predator HSS Bimetal Holesaw	95mm (3 3/4")
EBVP-98	98mm Predator HSS Bimetal Holesaw	98mm (3 7/8")
EBVP-102	102mm Predator HSS Bimetal Holesaw	102mm (4")
EBVP-105	105mm Predator HSS Bimetal Holesaw	105mm (4 1/8")
EBVP-108	108mm Predator HSS Bimetal Holesaw	108mm (4 1/4")
EBVP-111	111mm Predator HSS Bimetal Holesaw	111mm (4 3/8")
EBVP-114	114mm Predator HSS Bimetal Holesaw	114mm (4 1/2")
EBVP-121	121mm Predator HSS Bimetal Holesaw	121mm (4 3/4")
EBVP-127	127mm Predator HSS Bimetal Holesaw	127mm (5")
EBVP-140	140mm Predator HSS Bimetal Holesaw	140mm (5 1/2")
EBVP-152	152mm Predator HSS Bimetal Holesaw	152mm (6")
E11-B	14-30mm Hex Arbor, 11mm Shank, 1/2" - 20 Screw Thread, 13mm (1/2") Drill Chuck	
E2-B	32-152mm Hex Arbor, 11mm Shank, 5/8" - 18 Screw Thread, Drill Chuck 13mm (1/2")	

It is very important to achieve the best cutting performance that the correct drilling speeds are selected dependant on the type of material being cut.

Recommended Cutting Speeds

Product Code Boxed	Product Code Retail	Diameter	Mild Steel	Tool & Stainless Steel	Cast Iron	Brass	Aluminium	Wood
EBV30-14	EBVP-14	14mm (9/16")	550	330	400	790	900	3000
EBV30-16	EBVP-16	16mm (5/8")	530	275	365	730	825	3000
EBV30-17	EBVP-17	17mm (11/16")	500	250	330	665	750	3000
EBV30-19	EBVP-19	19mm (3/4")	460	230	300	600	690	3000
EBV30-20	EBVP-20	20mm (25/32")	460	230	300	600	690	3000
EBV30-21	EBVP-21	21mm (13/16")	425	210	280	560	630	3000
EBV30-22	EBVP-22	22mm (7/8")	390	195	260	520	585	3000
EBV30-24	EBVP-24	24mm (15/16")	370	185	245	495	555	3000
EBV30-25	EBVP-25	25mm (1")	350	175	235	470	525	2700
EBV30-27	EBVP-27	27mm (1 1/16")	325	160	215	435	480	2700
EBV30-29	EBVP-29	29mm (1 1/8")	300	150	200	400	450	2700
EBV30-30	EBVP-30	30mm (1 3/16")	285	145	190	380	425	2400
EBV30-32	EBVP-32	32mm (1 1/4")	275	140	180	360	410	2400
EBV30-33	EBVP-33	33mm (1 3/8")	260	135	175	345	390	2400
EBV30-35	EBVP-35	35mm (1 3/8")	250	125	165	330	375	2400
EBV30-37	EBVP-37	37mm (1 7/16")	240	120	160	315	360	2400
EBV30-38	EBVP-38	38mm (1 1/2")	230	115	150	300	345	2400
EBV30-40	EBVP-40	40mm (1 5/8")	220	110	145	290	330	2100
EBV30-41	EBVP-41	41mm (1 5/8")	210	105	140	280	315	2100
EBV30-43	EBVP-43	43mm (1 11/16")	205	100	135	270	305	2100
EBV30-44	EBVP-44	44mm (1 3/4")	195	95	130	260	295	2100
EBV30-46	EBVP-46	46mm (1 13/16")	190	95	125	250	285	2100
EBV30-48	EBVP-48	48mm (1 7/8")	180	90	120	240	270	2100
EBV30-51	EBVP-51	51mm (2")	170	85	115	230	255	2000
EBV30-52	EBVP-52	52mm (2 1/16")	165	80	110	220	245	2000
EBV30-54	EBVP-54	54mm (2 1/8")	160	80	105	210	240	2000
EBV30-55	EBVP-55	55mm (2 3/16")	150	75	100	200	230	2000
EBV30-57	EBVP-57	57mm (2 1/4")	150	75	100	200	230	2000
EBV30-59	EBVP-59	59mm (2 3/16")	145	75	100	195	225	2000
EBV30-60	EBVP-60	60mm (2 3/8")	140	70	95	190	220	2000
EBV30-64	EBVP-64	64mm (2 1/2")	135	70	90	180	205	1800
EBV30-65	EBVP-65	65mm (2 9/16")	130	65	85	175	200	1800
EBV30-67	EBVP-67	67mm (2 5/8")	130	65	85	170	195	1800
EBV30-68	EBVP-68	68mm (2 11/16")	130	65	85	165	190	1800
EBV30-70	EBVP-70	70mm (2 3/4")	125	60	80	160	185	1800
EBV30-73	EBVP-73	73mm (2 7/8")	120	60	80	160	180	1800
EBV30-76	EBVP-76	76mm (3")	115	55	75	150	170	1500
EBV30-79	EBVP-79	79mm (3 1/8")	110	55	70	145	165	1500
EBV30-83	EBVP-83	83mm (3 1/4")	105	50	70	140	155	1500
EBV30-86	EBVP-86	86mm (3 3/8")	100	50	65	130	150	1200
EBV30-89	EBVP-89	89mm (3 1/2")	95	45	60	125	145	1200
EBV30-92	EBVP-92	92mm (3 5/8")	95	45	60	120	140	1200
EBV30-95	EBVP-95	95mm (3 3/4")	90	45	60	120	135	1200
EBV30-98	EBVP-98	98mm (3 7/8")	90	45	60	115	130	1200
EBV30-102	EBVP-102	102mm (4")	85	40	55	115	125	1000
EBV30-105	EBVP-105	105mm (4 1/8")	85	40	55	110	120	1000
EBV30-108	EBVP-108	108mm (4 1/4")	80	40	55	110	115	900
EBV30-111	EBVP-111	111mm (4 3/8")	80	40	50	100	110	900
EBV30-114	EBVP-114	114mm (4 1/2")	75	35	50	100	105	900
EBV30-121	EBVP-121	121mm (4 3/4")	70	35	45	90	95	900
EBV30-127	EBVP-127	127mm (5")	65	30	40	85	90	900
EBV30-140	EBVP-140	140mm (5 1/2")	60	30	35	80	85	800
EBV30-152	EBVP-152	152mm (6")	55	25	35	75	80	800

High tensile Bolt Cutters, available in a range of sizes, with a choice of tubular or solid forged handles.

Bolt Cutters - High Tensile, Tubular Handles



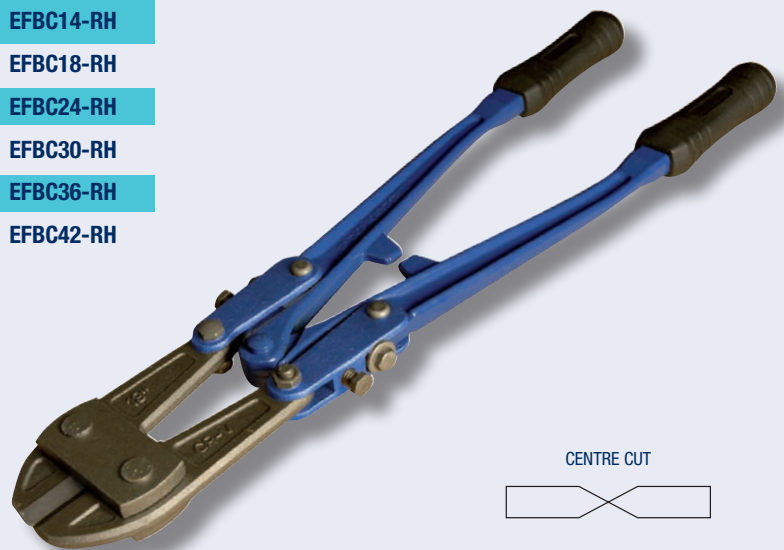
High tensile - for cutting hard materials up to 50HRC. Centre cut, strap adjusted bolt cutters with lightweight tubular handles that do not compromise strength – every pound of force applied is amplified to produce 80lbs (36kg) of force between the jaws. To maximise safety the built in stops will yield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

Part No.	Total Length	Max Cutting Capacity	Pack QTY	Spare Jaw & Strap set
ETBC14	355mm (14")	5mm ($\frac{3}{16}$ "	20	ETBC14-RH2
ETBC18	460mm (18")	6.4mm ($\frac{1}{4}$ "	10	ETBC18-RH2
ETBC24	610mm (24")	7.9mm ($\frac{5}{16}$ "	8	ETBC24-RH2
ETBC30	762mm (30")	9.5mm ($\frac{3}{8}$ "	5	ETBC30-RH2
ETBC36	915mm (36")	11.1mm ($\frac{7}{16}$ "	4	ETBC36-RH2

Bolt Cutters - High Tensile, Forged Handles

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

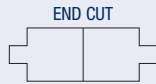
High tensile - for cutting hard materials up to 50HRC. Centre cut, arm adjusted bolt cutters with solid forged handles for maximum strength - every pound of force applied is amplified to produce 80lbs (36kg) of force between the jaws. To maximise safety the built in stops will yield rather than break,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



Specialist cutters for shearing bolt heads and cutting wire, rope and cable.

EBC-EC24 End Cut Bolt Cutter - 24"/600mm

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.



Part No.	Total Length	Max Cutting Capacity	Pack QTY
EBC-EC24	600mm (24")	7.9mm (5/16")	4

ECC16 Cable Cutters - 24"/600mm

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.



Part No.	Total Length	Max Cutting Capacity	Pack QTY
ECC16	600mm (24")	16mm wire rope, & up to 21mm armoured cable	4

EW8 Wire & Rope Cutter - 8"/200mm



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.

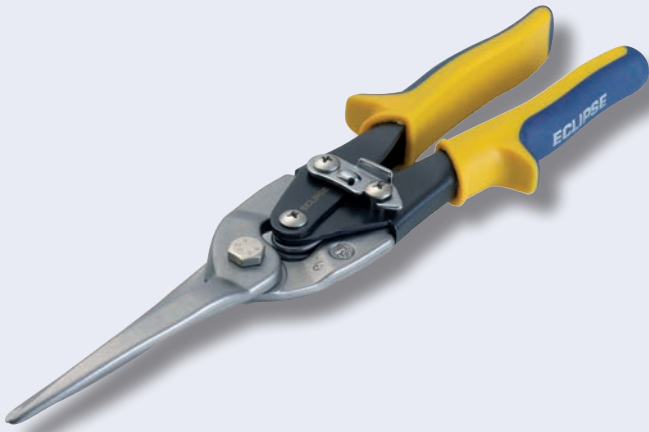
Material	Recommended Capacity
Mild steel strand	6.5mm
High tensile steel rope (180kg/mm ²)	5.0mm
Soft steel wire (34kg/mm ²)	5.0mm
Copper/aluminium rod	5.0mm
Steel rod (66kg/mm ²)	4.0mm
Spring wire (hardened & tempered) (180kg/mm ²)	2.5mm
Electric cable (not armoured)	6.5mm

Part No.	Total Length	Pack QTY
EW8	200mm (8")	5

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.

EAS-SL Aviation Snips

Long cut/straight cut and wide curves Aviation Snips



Part No.	Cutting Capacity (Cold Rolled Steel)	Cutting Capacity (Stainless Steel)	Pack QTY
EAS-SL	1.22mm	0.7mm	6

EAS-S Aviation Snips

Straight and wide curves Aviation Snips



Part No.	Cutting Capacity (Cold Rolled Steel)	Cutting Capacity (Stainless Steel)	Pack QTY
EAS-S	1.22mm	0.7mm	6

EAS-R Aviation Snips

Right and straight cut Aviation Snips



Part No.	Cutting Capacity (Cold Rolled Steel)	Cutting Capacity (Stainless Steel)	Pack QTY
EAS-R	1.22mm	0.7mm	6

EAS-L Aviation Snips

Left and straight cut Aviation Snips



Part No.	Cutting Capacity (Cold Rolled Steel)	Cutting Capacity (Stainless Steel)	Pack QTY
EAS-L	1.22mm	0.7mm	6

Resharpenable General Purpose Snips, precision hollow ground for easy cutting of sheet metal. Jewellers Snips suitable for cutting copper, silver and gold.

ESGP 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.

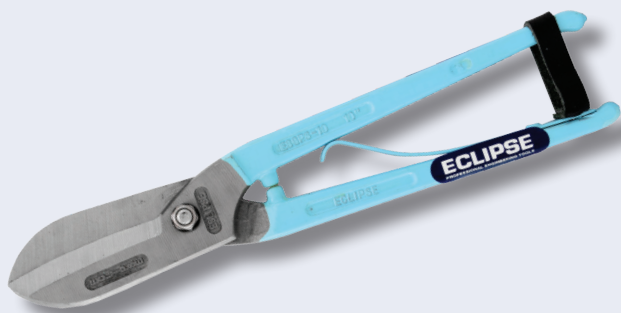


Part No.	Total Length	Cutting Capacity (Mild Steel up to 18g)	Cutting Capacity (Stainless Steel up to 23g)	Pack QTY
ESGP-8	200mm (8")	0.8mm	0.46mm	6
ESGP-10	250mm (10")	1mm	0.46mm	6
ESGP-12	300mm (12")	1.2mm	0.46mm	6
ESGP-14	355mm (14")	1.4mm*	1.2mm**	6

*up to 16g **up to 18g

ESGPS General Purpose Snips with Spring

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.

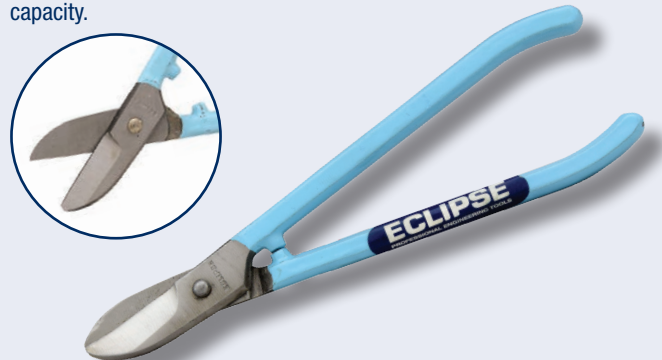


Part No.	Total Length	Cutting Capacity (Mild Steel up to 18g)	Cutting Capacity (Stainless Steel up to 23g)	Pack QTY
ESGPS-8	200mm (8")	0.8mm	0.46mm	6
ESGPS-10	250mm (10")	1mm	0.46mm	6
ESGPS-12	300mm (12")	1.2mm	0.46mm	6
ESGPS-14	355mm (14")	1.4mm*	1.2mm**	6

*up to 16g **up to 18g

ESJ-7 Jewellers' Snips

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



Part No.	Total Length	Cutting Capacity (Mild Steel up to 18g)	Cutting Capacity (Stainless Steel up to 23g)	Pack QTY
ESJ-7S	180mm (7") Straight Blade	0.8mm	0.46mm	10
ESJ-7C	180mm (7") Curved Blade	0.8mm	0.46mm	10



Workholding Solutions

A range of vices, clamps and accessories providing workholding solutions for metal and wood working requirements.



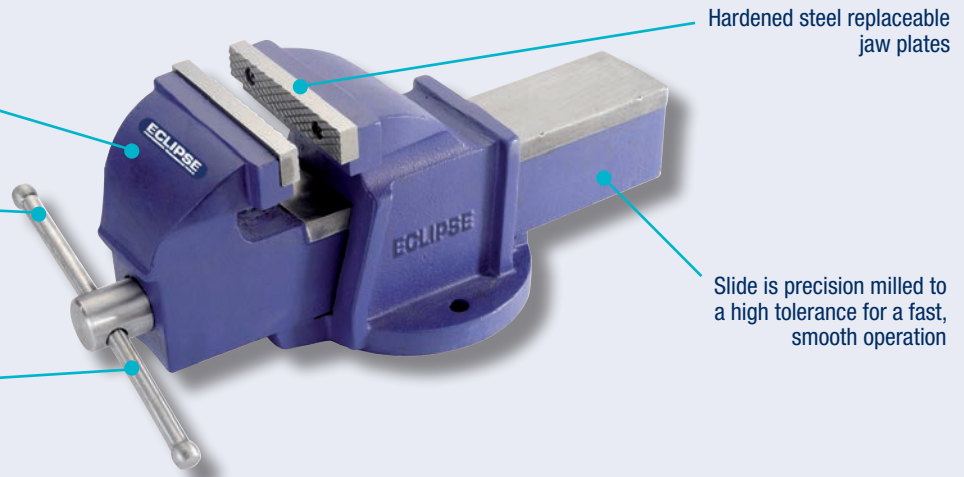
High quality cast iron Vices capable of generating up to 4000 Kg f clamping force for general metal working applications.

EMV Mechanics' Vices

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

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

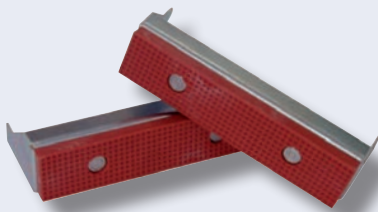
Tommy bar and main screw are manufactured from steel



Part No.	Jaw Width	Throat Depth	Opening	Clamping Force (Max)	Net Weight	QTY per Pallet
EMV-1	75mm (3")	48mm	82mm	1500kgf	4.8kg	144
EMV-3	100mm (4")	63mm	109mm	2000kgf	9.3kg	90
EMV-5	125mm (5")	73mm	136mm	2500kgf	15.8kg	40
EMV-6	150mm (6")	86mm	168mm	3000kgf	24.2kg	36
EMV-8	200mm (8")	103mm	208mm	4000kgf	38.1kg	24

EFG Fibre Grips

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.



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

EMVSB Swivel Bases

Includes three mount holes for attaching to a workbench. For use with Eclipse Mechanics' Vices.



Part No.	Size	For use with	Pack QTY
EMVSB-1	Swivel Base for 75mm (3") Vice	EMV-1	10
EMVSB-3	Swivel Base for 100mm (4") Vice	EMV-3	10
EMVSB-5	Swivel Base for 128mm (5") Vice	EMV-5	10
EMVSB-6	Swivel Base for 150mm (6") Vice	EMV-6	8
EMVSB-8	Swivel Base for 200mm (8") Vice	EMV-8	8

EMV-JPS Spare Jaw plates

Replacement hardened steel jaw plates with fine knurl grip pattern to fit EMV series vices. Supplied as a pair with 4 screws for easy fitting.



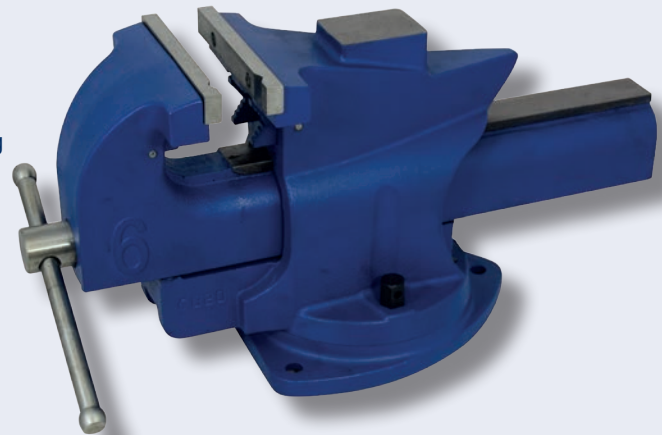
Part No.	Description
EMV-1JPS	Spare jaw plates and screws for EMV-1
EMV-3JPS	Spare jaw plates and screws for EMV-3
EMV-5JPS	Spare jaw plates and screws for EMV-5
EMV-6JPS	Spare jaw plates and screws for EMV-6
EMV-8JPS	Spare jaw plates and screws for EMV-8

High quality specialist Cast Iron Mechanics Vices with quick release features and multi-purpose vices for flexible working.

EQRV Quick Release Mechanics Vice

Strong and durable precision cast iron body with hardened steel jaw plates. Up to 4000 kg of clamping force is achievable for medium to heavy duty metalworking and pipe jaws are included for specific pipe work.

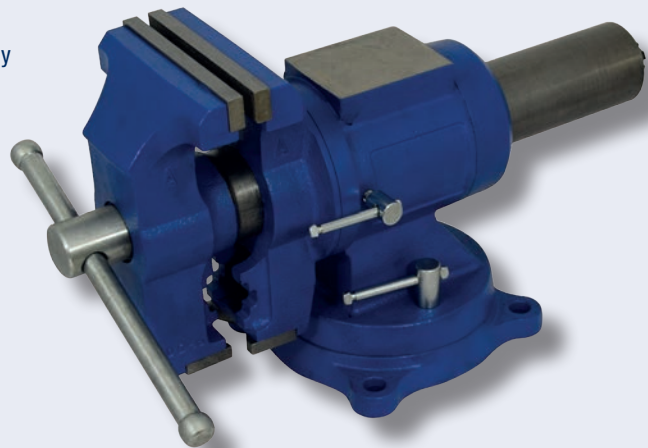
It features an effortless quick release lever mechanism that ensures the vice can be opened and closed without using the main screw allowing rapid movement of the slide. This allows for workpieces to be quickly interchanged saving time in the workshop. It includes a convenient anvil at the rear of the body for beating and hammering workpieces, 360° swivel rotation and a 3 lug heavy duty reinforced base. Available in 5", 6" and 8" Jaw widths



Part No.	Jaw Width	Throat Depth	Opening	Clamping Force (Max)	Net Weight	QTY per Pallet
EQRV-5	125mm (5")	77mm	178mm	2500kgf	17.8kg	30
EQRV-6	150mm (6")	84mm	203mm	3000kgf	23.0kg	24
EQRV-8	200mm (8")	92mm	254mm	4000kgf	33.0kg	18

EMPV-5 Multi-Purpose Vice 5"

Strong and durable precision cast iron body with hardened steel jaw plates. Up to 3500 kg of clamping force is achievable for medium to heavy duty metal and wood working and pipe jaws are included for specific pipe work. The moving body is capable of rotating 360° and it also features a 360° swivel base for flexible working. It includes a convenient anvil at the rear of the body for beating and hammering workpieces.

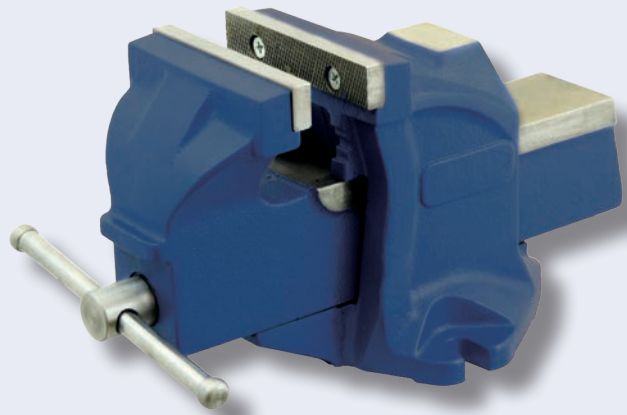


Part No.	Jaw Width	Throat Depth	Opening	Clamping Force (Max)	Net Weight	QTY per Pallet
EMPV-5	125mm (5")	67mm	125mm	3500kgf	15.0kg	40

Compact Cast Iron workshop vice for medium duty working with built in pipe jaws.

EHV-3 Pipe Jaw Workshop Vice 4"

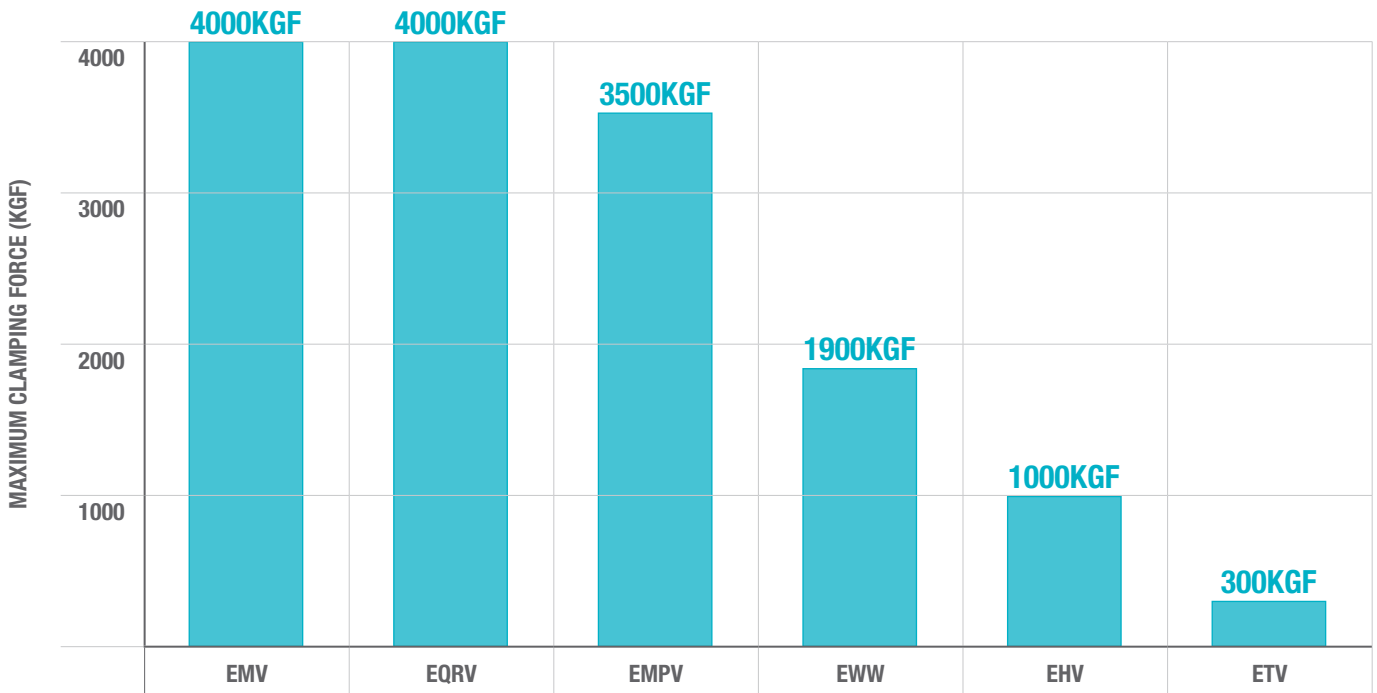
Strong and durable precision cast iron body with hardened steel jaw plates. Up to 1000 kg of clamping force is achievable for medium duty working and pipe jaws are included for specific pipe work



Part No.	Jaw Width	Throat Depth	Opening	Clamping Force (Max)	Net Weight	QTY per Pallet
EHV-3	100mm (4")	60mm	100mm	1000kgf	7.6kg	105

* Available in selected Non UK markets only. Made to Order. MOQ apply. Details available on request.

Vices - Maximum Clamping Forces



High quality Cast Iron vices for general woodworking applications. Available in quick release and plain screw options. A portable version is available for flexible light duty applications.

EWWR Quick Release Woodworking Vices

Quick release trigger opens and closes the vice quickly without using the main screw. 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. Up to 1900 Kgf clamping force is achievable and is ideal for holding large pieces of wood for cutting and gluing.

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

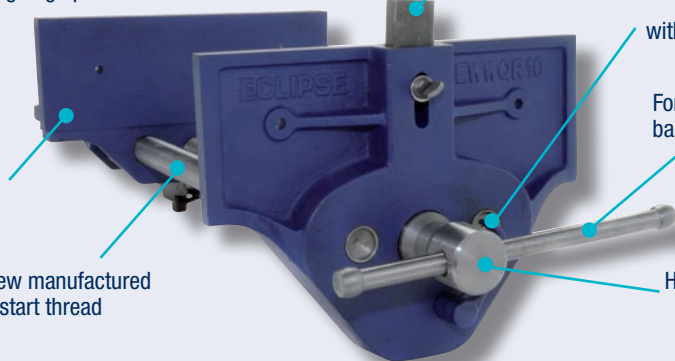
Quick release trigger to open and close the vice quickly without using the main screw

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

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

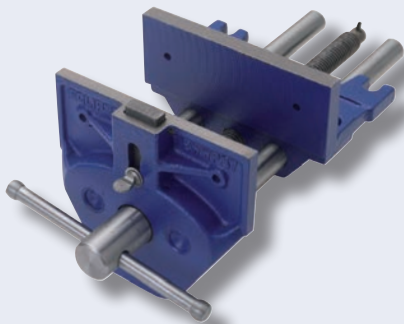
Handle and main screw are manufactured from steel



Part No.	Jaw Width	Throat Depth	Opening	Clamping Force (Max)	Net Weight	QTY per Pallet
EWWR7	178mm (7")	90mm	202mm	1900kgf	9.4kg	60
EWWR9	230mm (9")	106mm	260mm	1900kgf	15.5kg	32

EWWR Plain Screw Woodworking Vices

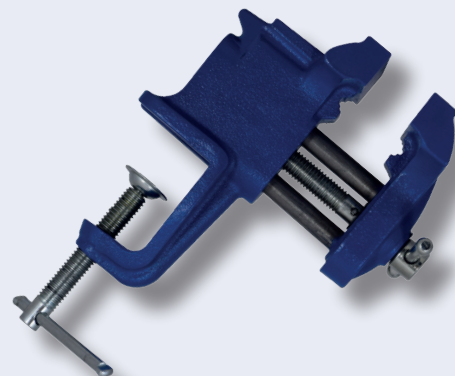
Plain screw mechanism works through a separate unbreakable nut housed beneath the body seating, to ensure the constant alignment of the screw mechanism. Precision machined grey cast iron body and front to ensure a smooth, parallel action. Fitted with an adjustable front stop – or dog – that gives an 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. Up to 1900 Kgf clamping force is achievable and is ideal for holding large pieces of wood for cutting and gluing



Part No.	Jaw Width	Throat Depth	Opening	Net Weight	QTY per Pallet
EWWR7	178mm (7")	80mm	202mm	9.4kg	60
EWWR9	230mm (9")	106mm	260mm	15.5kg	32

ETV-3 Table Vice 3"

Portable vice for light duty workshop use. Up to 300 kg of clamping force is achievable. It includes permanent pipe jaws for specific pipe work and a small anvil for beating and hammering workpieces. It features a built in clamp that allows easy fitting to a bench, table or work surface for flexible working.



Part No.	Jaw Width	Throat Depth	Opening	Net Weight	QTY per Pallet
ETV-3	75mm (3")	39mm	58mm	1.66kg	360

Clamps for a wide range of woodworking and metalworking applications.

E20 Heavy Duty G-Clamps

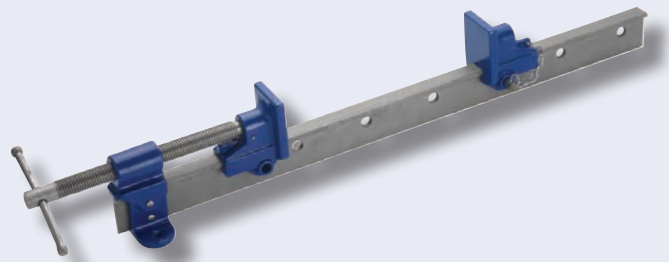
Average clamping force of 300 – 800kg (660 – 1760lbs). Guaranteed unbreakable malleable iron frame with a fast action twin start rolled acme thread. The steel swivel shoe applies an even pressure, even on angled surfaces, whilst the tommy bar will bend before the frame can become over-stressed.



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

ETBR 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.	Clamping Capacity	Bar Length	Box QTY
ETBR42	1070mm (42")	1220mm (48")	4
ETBR48	1220mm (48")	1370mm (54")	4
ETBR54	1370mm (54")	1525mm (60")	4
ETBR66	1680mm (66")	1830mm (72")	4
ETBR78	1980mm (78")	2135mm (84")	4
ETBR-TSPC*	Spare Tail slide, peg & chain		1

* Made to Order - MOQ apply. Details available on request.

ESC 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	600mm (24")	760mm (30")	6
ESC30	760mm (30")	915mm (36")	6
ESC36	915mm (36")	1070mm (42")	6
ESC42	1070mm (42")	1220mm (48")	6
ESC48	1220mm (48")	1370mm (54")	6
ESC54	1370mm (54")	1525mm (60")	6
ESC66	1680mm (66")	1830mm (72")	6
ESC-TSPC	Spare - Tail slide, peg & chain		1

A range of screw clamps for a wide range of medium duty wood and metal working applications. A Quick release Lever Clamp series with rapid clamping and releasing action.

EC-SC80 80mm Screw Clamps

80mm throat depth capacity clamps, manufactured to 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 & the wooden handle provides a firm & comfortable grip.



Part No.	Clamping Capacity	Box QTY
EC-SC80R6	150mm (6")	10
EC-SC80R8	200mm (8")	10
EC-SC80R10	250mm (10")	10
EC-SC80R12	300mm (12")	10
EC-SC80R16	400mm (16")	10
EC-SC80R24	600mm (24")	6
EC-SC80R32	800mm (32")	6
EC-SC80R40*	1000mm (40")	1
EC-SC80R48*	1220mm (48")	1

* Made to Order. MOQ apply. Details available on request for 40" & 48" EC-SC80 series.

EC-SCR 120mm 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 & the wooden handle provides a firm & comfortable grip. **120mm (4¾) throat depth.**

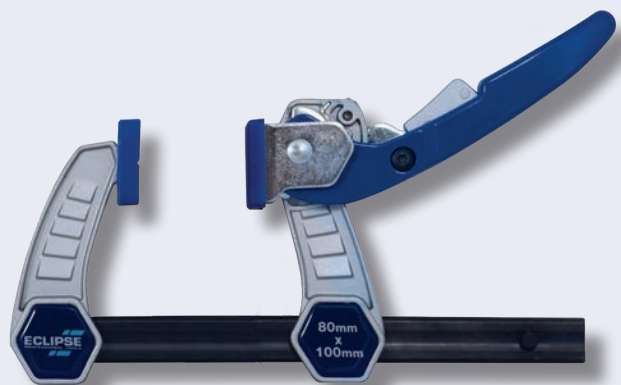


Part No.	Clamping Capacity	Pack QTY
EC-SCR6	150mm (6")	10
EC-SCR8	200mm (8")	10
EC-SCR10	250mm (10")	10
EC-SCR12	300mm (12")	10
EC-SCR16	400mm (16")	10
EC-SCR24	600mm (24")	10
EC-SCR32	800mm (32")	6
EC-SCR40	1000mm (40")	6
EC-SCR48*	1220mm (48")	1

* Made to Order - MOQ apply. Details available on request.

ELC80 & ELC120 Quick Release Lever Clamps 80mm & 120mm Throat Depth

Lightweight Aluminium frames and carbon steel bar are strong and durable and the clamps are capable of achieving up to 180 kg of sustainable holding force and are ideal for gluing, positioning and fastening in wood working applications. They feature a rapid clamping action with a quick release button that instantly releases the clamp. The removable pads stay fixed to the clamp giving an even distribution of clamping force across the workpiece protecting it from marking damage.



Part No.	Clamping Capacity	Throat Depth	Pack QTY
ELC80-4	100mm (4")	80mm	10
ELC80-8	200mm (8")	80mm	10
ELC80-12	300mm (12")	80mm	10
ELC120-4	100mm (4")	120mm	10
ELC120-8	200mm (8")	120mm	10
ELC120-12	300mm (12")	120mm	10

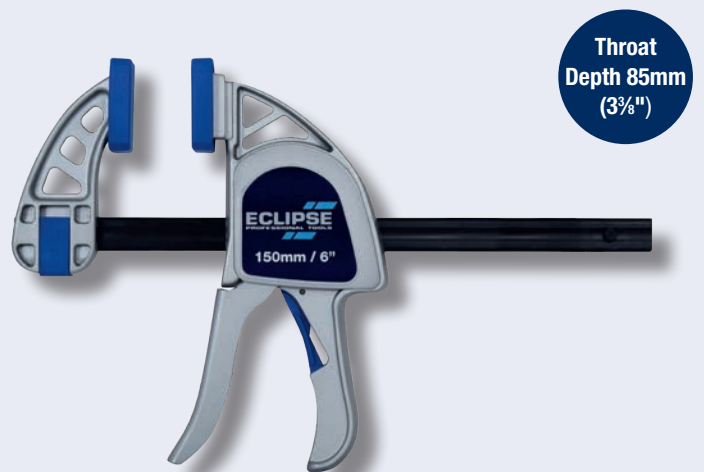
A family of One Handed Bar Clamps for a wide range of heavy duty to light duty wood and metal working applications.



★ GOOD / ★★ BETTER / ★★★ BEST

EOHBC-HD Heavy Duty One Handed Bar Clamps and Spreader

Lightweight Aluminium frames and carbon steel bar are strong and durable and the clamps are capable of achieving up to 300 kg of sustainable holding force and are ideal for heavy duty work holding applications. The quick release insert trigger enables the clamp to be quickly positioned and released, whilst the easy push button system allows quick change from a clamp to a spreader. The removable pads stay fixed to the clamp giving an even distribution of clamping force across the workpiece protecting it from marking damage.



Part No.	Clamping Capacity	Min Spreading Capacity	Max Spreading Capacity	Pack QTY
EOHBC6-HD	150mm (6")	168mm (6 5/8")	355mm (13 7/8")	6
EOHBC12-HD	300mm (12")	168mm (6 5/8")	507mm (19 7/8")	6
EOHBC18-HD	450mm (18")	168mm (6 5/8")	660mm (25 7/8")	6
EOHBC24-HD	600mm (24")	168mm (6 5/8")	813mm (32")	6
EOHBC36-HD	900mm (36")	168mm (6 5/8")	1117mm (43 7/8")	6

Original, Mini and Micro One handed bar clamps in a wide range of sizes and capacities.

EOHBC One Handed Bar Clamps & Spreaders

Average clamping force of 150kg. 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-marking pads firmly grip and protect the workpiece.



Throat
Depth 85mm
(3 3/8")

Part No.	Clamping Capacity	Min Spreading Capacity	Max Spreading Capacity	Pack QTY
EOHBC6	150mm (6")	168mm (6 5/8")	340mm (13 3/8")	20
EOHBC6X2*	150mm (6")	168mm (6 5/8")	340mm (13 3/8")	5
EOHBC12	300mm (12")	168mm (6 5/8")	495mm (19 1/2")	12
EOHBC18	450mm (18")	168mm (6 5/8")	645mm (25 3/8")	12
EOHBC24	600mm (24")	168mm (6 5/8")	800mm (31 1/2")	12
EOHBC36	900mm (36")	168mm (6 5/8")	1105mm (43 1/2")	12

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

EOHBC-MINI & EOHBC – MICRO Mini & Micro One handed bar clamps

Strong plastic construction and carbon steel bar are strong and durable and allow the MINI clamp to achieve up to 75 kg and the MICRO clamp to achieve up to 25 kg clamping force. They are ideal for small wood working projects, working in confined spaces and delicate work requiring light pressure. The MINI clamp features an easy push button system and allows a quick change from a clamp to a spreader. The quick release insert trigger enables the clamps to be quickly positioned and released and the removable pads stay fixed to the clamp giving an even distribution of clamping force across the workpiece protecting it from marking damage.



Mini Throat
Depth 60mm
(2 3/8")

Micro Throat
Depth 36mm
(1 3/8")

Part No.	Clamping Capacity	Min Spreading Capacity	Max Spreading Capacity	Pack QTY
EOHBC6-MINI	150mm (6")	123mm(4 3/4")	275mm(10 3/4")	16
EOHBC12-MINI	300mm (12")	123mm(4 3/4")	427mm(16 3/4")	16
EOHBC4-MICRO	100mm (4")	N/A	N/A	20



Gripping & Plumbing Tools

Wrenches and plumbing tools manufactured from the highest quality materials to the finest tolerances for optimum performance. A complete solution for the plumbing, installation & automotive industries.



A wide range of Pipe Wrenches to suit the majority of applications and user preferences.

ELPW 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.	Open Length	Pipe Capacity	Box QTY
ELPW8	200mm (8")	25mm (1")	4
ELPW10	250mm (10")	25mm (1")	4
ELPW12	300mm (12")	51mm (2")	4
ELPW14	350mm (14")	51mm (2")	4
ELPW18	450mm (18")	63mm (2½")	4
ELPW24	600mm (24")	76mm (3")	1
ELPW36	910mm (36")	127mm (5")	1
ELPW48	1200mm (48")	152mm (6")	1

ESPW Stillson 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.	Open Length	Pipe Capacity	Box QTY
ESPW8	200mm (8")	19mm (¾")	6
ESPW10	250mm (10")	25mm (1")	6
ESPW12	300mm (12")	32mm (1¼")	6
ESPW14	350mm (14")	38mm (1½")	6
ESPW18	450mm (18")	51mm (2")	4
ESPW24	600mm (24")	63mm (2½")	4
ESPW36	910mm (36")	89mm (3½")	2

ESWDPW Swedish Pattern Pipe Wrenches

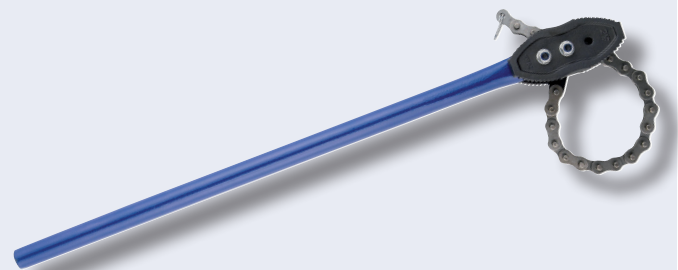
Bent nose 90 degree angled head. Manufactured from drop forged, hardened chrome vanadium steel. Hardened jaws.



Part No.	Open Length	Pipe Capacity	Box QTY
ESWDPW1	355mm (13⅞")	25mm (1")	6
ESWDPW15	470mm (18½")	38mm (1½")	6
ESWDPW2	610mm (24")	50mm (2")	4
ESWDPW3	695mm (27¾")	75mm (3")	1

ECPW Chain Pipe Wrenches

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.



Part No.	Size	Capacity	Chain Length	Pack QTY
ECPW2-½	75mm (2½")	7-75mm (⅝"-2.5")	475mm (19")	5
ECPW4	100mm (4")	12-100mm (½-4")	730mm (28.7")	2
ECPW8	200mm (8")	25-200mm (1-8")	1015mm (39.9")	2
ECPW12	300mm (12")	50-300mm (2-12")	1340mm (52.7")	2

A choice of Adjustable Wrenches for a variety of applications, manufactured to the highest standards & quality.

ADJW Adjustable Wrenches - Professional

Specially designed for the Professional user. Ideal for use in plumbing, installation and automotive industries. Exceptionally quick adjusting screw to move the scaling jaw. Left handed screw thread and super thin head with wide jaw opening to allow use in confined spaces.



Part No.	Length	Jaw Width	Pack QTY
ADJW6L	150mm (6")	24mm	6
ADJW8L	200mm (8")	28mm	6
ADJW10L	250mm (10")	33mm	6
ADJW12L	300mm (12")	38mm	6
ADJW15L	375mm (15")	50mm	1
ADJW18L	450mm (18")	60mm	1
ADJW24L	600mm (24")	70mm	1

ADJW Adjustable Wrenches - Extra Wide Jaws

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.



Part No.	Length	Jaw Width	Pack QTY
ADJW6WJ	150mm (6")	34mm (1.3")	6
ADJW8WJ	200mm (8")	38mm (1½")	6
ADJW10WJ	250mm (10")	50mm (2")	5
ADJW12WJ	300mm (12")	60mm (2¼")	5

ADJW Adjustable Wrenches - Soft Feel Handle

The 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.



Part No.	Length	Jaw Width	Pack QTY
ADJW6	150mm (6")	27mm (1.1")	5
ADJW8	200mm (8")	33mm (1.3")	5
ADJW10	250mm (10")	38mm (1½")	5
ADJW12	300mm (12")	45mm (1¾")	5

ADJW Adjustable Wrenches - Standard Handle

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. Features a ring spanner in handle*, ideal for use in difficult to reach areas.



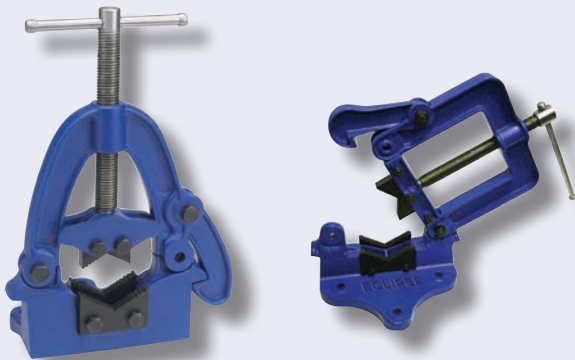
Part No.	Length	Jaw Width	Ring Spanner Size	Pack QTY
ADJW6S	150mm (6")	27mm (1 1/16")	10mm (3/8")	5
ADJW8S	200mm (8")	33mm (1 5/16")	11mm (7/16")	5
ADJW10S	250mm (10")	38mm (1 1/2")	13mm (1/2")	5
ADJW12S	300mm (12")	45mm (1 3/4")	14mm (9/16")	5
ADJW15S	375mm (15")	49mm (2")	Not included	2

*ring spanner not included on ADJW15S

Pipe Slicers and tube cutters for plastic, copper, brass, aluminium and mild steel. Pipe Vice for repetitive clamping tasks.

EHPV Hinged Pipe Vices

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 main screw exert and maintain a powerful gripping force and the SG ductile iron frame is guaranteed unbreakable.



Part No.	Open Length	Box QTY
EHPV2	10-50mm (3/8"-2")	4
EHPV2-1/2	10-60mm (3/8"-2 1/2")	4
EHPV3-1/2	10-90mm (3/8"-3 1/2")	2
EHPV6	16-150mm (5/8"-6")	1

ECPS 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.



Part No.	Cutting Capacity	Box QTY
ECPS15	15mm (0.6")	10
ECPS22	22mm (0.9")	10

ECTC22 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.



Part No.	Cutting Capacity	Box QTY
ECTC22	3-22mm (1/8"-7/8")	10

ECTC Telescopic Tube Cutters

For cutting copper, brass, aluminium and light gauge steel tube. Makes clean, fast cuts, leaving little fash 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.



Part No.	Cutting Capacity	Box QTY
ECTC32	3-32mm (1/8"-1.3")	5
ECTC50	5-50mm (0.2"-2")	5

Cutters for plastic, steel and cast iron. A hand bender for site bending copper tube.

EPPC Plastic Pipe Cutters

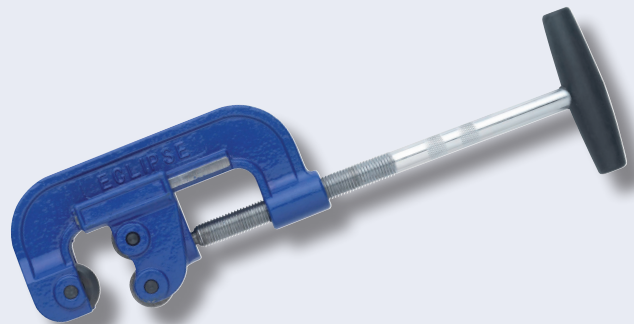
For cutting PVC, polythene, MDP and polyethylene pipe, HEP 20, plastic overflow pipe and rubber hoses etc. High quality stainless steel blades ensure clean cuts without distortion to the plastic tubing. Ratchet system ensures a fast, efficient cut. Two sizes available; 32mm and 42mm. Spare blades also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



Part No.	Cutting Capacity	Box QTY
EPPC32	32mm (1.3")	10
EPPC42	42mm (1.7")	10

ERP2 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 main screw 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	3-50mm (1/8-2")	1

EHB Hand Bender & Accessories

A compact tool for bending 15mm and 22mm o.d. copper tube. Ideal for on site operation. Supplied with 15mm and 22mm formers and guides.



Part No.	Pipe Capacity	Box QTY
EHB1522	15-22mm (0.6-0.9")	1
EHBG15	15mm Guide	24
EHBG22	22mm Guide	4
EHBF15	15mm Former	10
EHBF22	22mm Former	10

9350 Deburring Tool & DB1/DB2 Blades

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.

DB1: Heavy Duty HSS blade for steel and aluminium.

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.



A range of top quality Locking Pliers and locking C-Clamps for the professional user.

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

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



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

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

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 work pieces
E6R E11R	Clamping welding supports	Clamping welding supports	Temporary pipe hanger	Sheet metal repair work	-	Clamping long reach work pieces
E20R	Removing components, holding awkward shapes	Removing components, holding awkward shapes	Holding awkward shapes	Removing components, holding awkward shapes	-	-
E9R	-	Accurately aligning round & square shaped tubing	-	-	-	-
E8R	-	Holding sheet metal during bending, forming & crimping	-	-	-	-

A wide choice of Locking Pliers for different applications in a range of sizes.

Straight Jaw Locking Pliers

Straight jaws are ideal for use with flat, square and hex workpieces. Ideal for welding, HVAC, plumbing, automotive, electrical and woodworking projects.



Part No.	Size	Max Jaw Capacity	Box QTY
E7R	175mm (7")	34mm (1.3")	5
E10R	250mm (10")	45mm (1.8")	5

Curved Jaw Locking Pliers

Designed for gripping and clamping round surfaces.



Part No.	Size	Max Jaw Capacity	Box QTY
E10CR	250mm (10")	45mm (1.8")	5

Curved Jaw Locking Pliers With Wire Cutters

Designed for gripping and clamping round surfaces. Incorporates a wire cutter.



Part No.	Size	Max Jaw Capacity	Box QTY
E5WR	125mm (5")	32mm (1¼")	5
E7WR	175mm (7")	34mm (1½")	5
E10WR	250mm (10")	45mm (1.8")	5

Long Nose Locking Pliers With Wire Cutters

Particularly suited for clamping and tightening bolts in confined spaces. Also ideal for precision work. Incorporates a wire cutter.



Part No.	Size	Max Jaw Capacity	Box QTY
E6LN	150mm (6")	51mm (2")	5

C-Clamps and Locking Pliers for specialist use and working in confined spaces with awkward shapes.

Locking C-Clamps With Regular Tips

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



Part No.	Size	Max Capacity	Box QTY
E6R	150mm (6")	44mm (1.7")	5
E11R	275mm (11")	80mm (3.1")	5

Locking C-Clamps With Swivel Pads

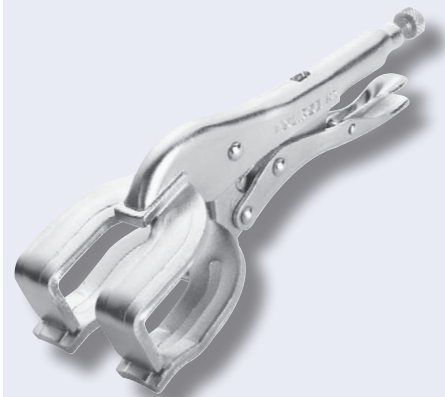
The wide opening jaws are designed to reach around and grip awkward shapes whilst the swivel pad protect delicate workpieces from damage. Provide a deep reach.



Part No.	Size	Max Capacity	Box QTY
E6SP	150mm (6")	44mm (1.7")	5
E11SP	275mm (11")	80mm (3.1")	5

Locking Welding Clamp

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



Part No.	Max Capacity	Box QTY
E9R	44mm (1.7")	5

Locking Chain Clamp

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



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

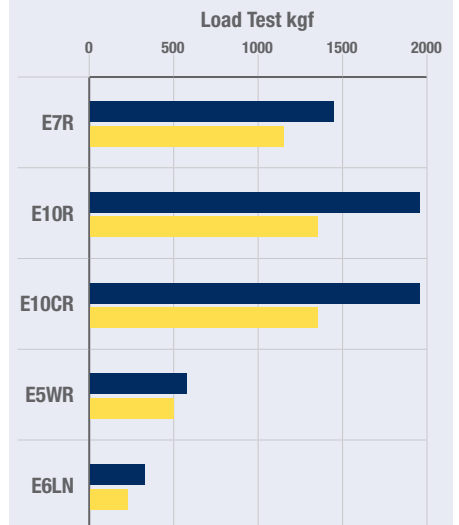
E8R Locking Sheet Metal Tool

Grips and locks onto sheet metal when bending, forming and crimping.



Part No.	Size	Max Capacity	Box QTY
E8R	200mm (8")	12.7mm	5

Load Test: ASME Test Specification



Eclipse locking pliers exceed ASME load test specifications.



Riveters & Threaded Insert Setting Tools

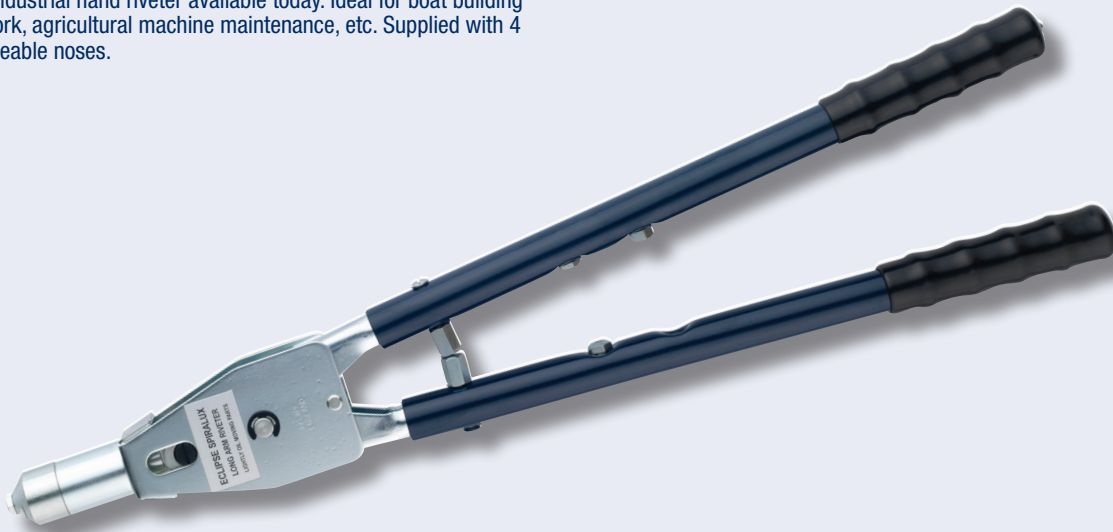
The Eclipse range of hand riveting tools offers a selection of models designed for light industrial and engineering use. The riveter bodies and operating levers are manufactured from the finest pressed steel and the jaws, nose bushes and similar stressed parts are hardened and tempered for durability.



A wide range of manually operated Riveters suitable for maintenance and assembly operations. Heavy duty Lazy Tong and Long Arm Riveters can be used with 3 - 6mm Rivets and ¼" Monobolts.

2760 Long Arm Riveter

Long arms reduce the effort required to set rivets. Probably the most powerful industrial hand riveter available today. Ideal for boat building & coachwork, agricultural machine maintenance, etc. Supplied with 4 interchangeable noses.



Part No.	For Use With Rivet Sizes:	Pack QTY
2760	4mm (5/32"), 5mm (3/16"), 6mm (1/4")	1

2750 Lazy Tong Riveter

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.



Part No.	For Use With Rivet Sizes:	Pack QTY
2750	3mm (1/8"), 4mm (5/32"), 5mm (3/16")	1

2750HD Heavy Duty Lazy Tong Riveter

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.



Part No.	For Use With Rivet Sizes:	Pack QTY
2750HD	3mm (1/8"), 4mm (5/32"), 5mm (3/16"), 6.4mm (1/4") & 6.4mm (1/4") Monobolts	1

Heavy duty and easy grip versions for engineering and light industrial use.

2730 Heavy Duty Riveter

Professional heavy duty riveter, best suited to engineering and maintenance projects. Supplied with 3 interchangeable noses.



Part No.	For Use With Rivet Sizes:	Pack QTY
2730	3mm (1/8"), 4mm (5/32"), 5mm (3/16")	1

2720 Heavy Duty Long Nose Riveter

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



Part No.	For Use With Rivet Sizes:	Pack QTY
2720	3mm (1/8"), 4mm (5/32"), 5mm (3/16")	1

2770 Easy Grip Riveter

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

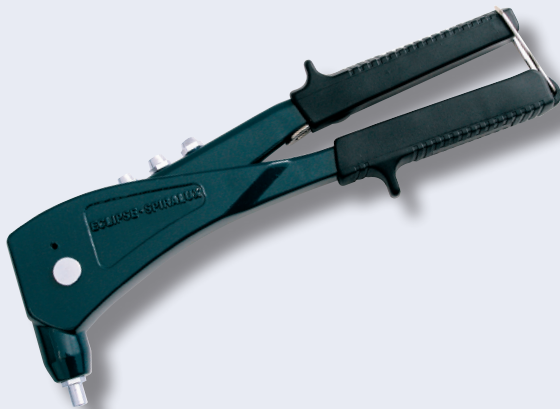


Part No.	For Use With Rivet Sizes:	Pack QTY
2770	3mm (1/8"), 4mm (5/32"), 5mm (3/16")	1

General purpose riveters, heavy duty riveter kits and spare parts.

2800 General Purpose Riveter

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.



Part No.	For Use With Rivet Sizes:	Pack QTY
2800	2mm (2/32") 3mm (1/8"), 4mm (5/32"), 5mm (3/16")	1

2735 Heavy Duty Kit

Engineering riveter kit, comprising robust hinged plastic box and 200 assorted 3, 4 and 5mm aluminium rivets and 2730 heavy duty riveter.



Riveter Spare Nose Bush kits

Spare nose kits for use with 2720, 2730, 2750 and 2770 Riveter

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

For use with 2750HD and 2760

Part No.	Description	For use with Rivet sizes:
02738A-HD	Spare Nose Kit - 5 x 3mm	3mm (1/8")
02738B-HD	Spare Nose Kit - 5 x 4mm	4mm (5/32")
02738C-HD	Spare Nose Kit - 5 x 5mm	5mm (3/16")
02738D-HD	Spare Nose Kit - 5 x 6mm	6mm (1/4")

For use with 2750HD and 2760

Part No.	Description	For use with Rivet sizes:
02768A	Kit 4-1 each 72LA12	4mm (5/32")
	72LA13A (for aluminium)	5mm (3/16")
	72LA13S (for steel)	5mm (3/16")
	72LA14	6mm (1/4")

Spare Jaw Kits

Part No.	Description
2738	Pack of 5 jaws to suit models: 2720, 2730, 2750, 2770
2768	Pack of 5 jaws to suit models: 2760 and 2750HD

Riveter Repair Kits

Part No.	Description
2739	Repair kit for 2730/2770, 2720
2759	Repair kit for 2750
2769	Repair kit for 2760, 2750HD

Rivets

Part No.	Rivet Diameter	Type	Max Grip	Overall Length To Collar
A24S	4mm (5/32")	Short	2mm	6mm
A25S	5mm (3/16")	Short	3mm	7mm
A24M	4mm (5/32")	Medium	5mm	8mm
A25M	5mm (3/16")	Medium	7mm	10mm
A24L	4mm (5/32")	Long	9mm	14mm
A25L	5mm (3/16")	Long	11mm	16mm

Threaded Insert Tools and spare parts for maintenance operations.

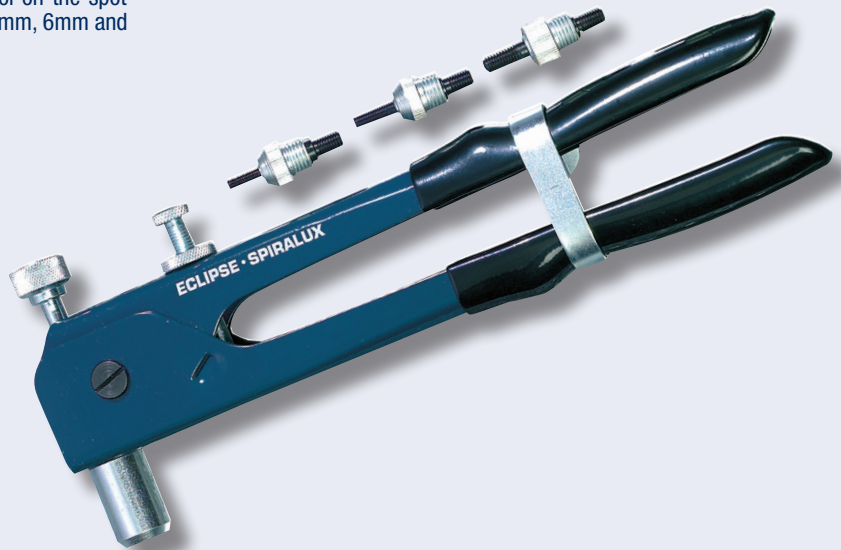
2743 Threaded Insert Setting Tool

Thin sheet setting tool 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.

- 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

Product Benefits

- One side application
- Permanent thread
- Cost effective
- Rapid
- Portable
- Flush mounting
- Moisture resistant
- Strong
- Vibration resistant



2745 Threaded Insert Tool Kit

Boxed kit containing a 2743 Threaded Insert Setting Tool and 4mm, 5mm, 6mm & 8mm threaded nutserts.



Insert Tool Spares

Threaded Insert Nose Bush/Mandrel Conversion Kit

Part No.	Thread Size	Pack Qty
72CK211	6 UNC	10
72CK224	1/4 UNF	10
72CK231	M3 (3mm)	10
72CK232L	M4 (4mm)	10
72CK233L	M5 (5mm)	10
72CK234	M6 (6mm)	10
72CK235	M8 (8mm)	10

Inserts

Part No.	Thread Size	Qty	Part No.	Thread Size	Qty
724504	M4 (4mm)	100	724505	M5 (5mm)	100
724506	M6 (6mm)	100	724508	M8 (8mm)	100

TSN® Grip Range

Part No.	Thread Size	Hole Size ϕ	Plate Thickness range
724504	M4 (4mm)	6.4 - 6.5mm	0.5 to 2.0mm
724505	M5 (5mm)	7.1 - 7.2mm	0.5 to 2.5mm
724506	M6 (6mm)	9.6 - 9.7mm	1.0 - 3.0mm
724508	M8 (8mm)	10.6 - 10.7mm	1.0 - 3.0mm

Material Zinc Plated Mild Steel

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



Torque Wrenches & Torque Multipliers

Eclipse Torque Wrenches & Multipliers offer torque measuring solutions from 1 - 1500Nm for automotive and industrial applications. They are manufactured in the UK to the highest standards and quality control procedures and exceed international standards for accuracy.



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.

Global Service

Spear & Jackson 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@eclipse-tools.com

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 BSENISO6789-1:2017 and BSENISO6789-2:2017 which sets the standard for the technical competence of the original Testing laboratory.

This should not be confused with laboratories claiming ISO9001: 2008, 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.



0256



CERT NO. Q6228

Eclipse Torque Wrenches: Declaration of Conformance

A "Declaration of Conformity" for each Torque Wrench is individually packed with each product.



Torque is any force or system of forces that tends to cause rotation about an axis.

Measurement of Torque

Imagine someone tightening a bolt using a socket attached to a metre long bar. If they apply 10 kg of force (kgf) perpendicular to the bar they will produce a torque of 10 kgf.m at the axis (the centre of the bolt).

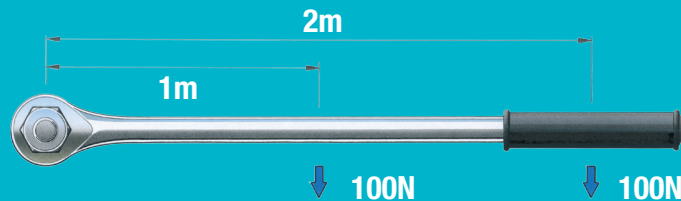
However, under the S.I. system of measurement, force is expressed in Newtons (N) rather than kgf. The conversion between kgf and N is $\times 9.807$ so the person is applying 98.07 N.m of torque.

The Importance Of Torque Control

Although many methods exist to join two or more parts together, the ease of assembly and disassembly provided by threaded fasteners make them the ideal choice for many applications.

The object of a threaded fastener is to clamp parts together with a tension greater than the external forces tending to separate them. The bolt then remains under constant stress and is immune from fatigue.

However, if the initial tension is too low, varying loads act on the bolt and it will quickly fail. If the initial tension is too high, the tightening process may cause bolt failure. Reliability therefore depends upon correct initial tension. The most practical way of ensuring this is by specifying and controlling the tightening torque.



$$\text{Torque} = \text{Force} \times \text{Distance}$$

Example 1: Distance = 1m, Force = 100N, Torque = 100 N.m

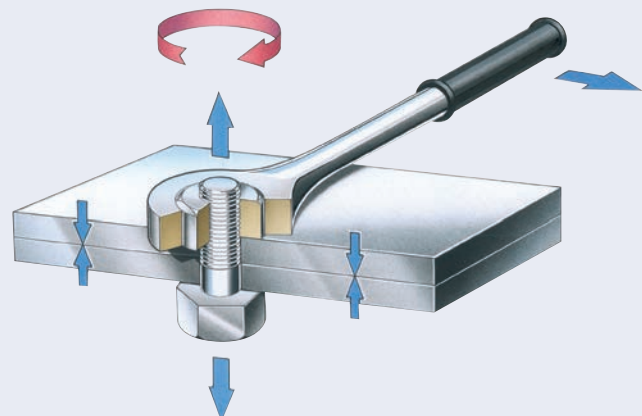
Example 2: Distance = 2m, Force = 100N, Torque = 200N.m

Example 3: Distance = 1ft, Force = 100lbf, Torque = 100lbf.ft (or 100ft.lb)

Bolt Tension

When an assembly is clamped by tightening a nut and bolt, the induced tension causes the bolt to stretch. An equal force acts to compress the parts which are thus clamped.

The proof load of a bolt, normally established by test, is the load which just starts to induce permanent set - also known as the yield point. Typically bolts are tightened to between 75% and 90% of yield.



Torque conversion factors and formulae for calculating the effect of Torque Wrench extensions.

Units to Convert	S.I Units		orzf.in	Imperial Units		Metric Units	
	cN.m	N.m		lbf.ft	lbf.ft	kfg.cm	kfg.m
1 cN.m=	1	0.01	1.416	0.088	0.007	0.102	0.001
1 N.m=	100	1	141.6	8.851	0.738	10.20	0.102
1 ozf.in=	0.706	0.007	1	0.0625	0.005	0.072	0.0007
1 lbf.in=	11.3	0.113	16	1	0.083	1.152	0.0115
1 lbf.ft=	135.6	1.356	192	12	1	13.83	0.138
1 kgf.cm=	9.807	0.098	13.89	0.868	0.072	1	0.01
1 kgf.m=	980.7	9.807	1389	86.8	7.233	100	1

Force

lbf x 4.45 = N
N x 0.225 = lbf

Flow

l/s x 2.119 = cu.ft/min
cu.ft/min x 0.472 = l/s

Pressure

lbf/in² x 0.069 = bar
bar x 14.504 = lbf/in²

Power

hp x 0.746 = kW
kW = $\frac{N.m \times rev/min}{9546}$

Formulae

Accepted formulae relating torque and tension, based on many tests are:-

$$M = \frac{P \times D}{60}$$

M = torque lbf.ft
P = bolt tension lbf
D = bolt dia.ins

$$M = \frac{P \times D}{5000}$$

M = torque N.m
P = bolt tension Newtons
D = bolt dia.mm

These formulae may be used for bolts outside the range of the tables.

Formulae For Calculating The Effect Of Torque Wrench Extensions

$$M1 = M2 \times L1/L2$$

Where L1 is the normal length and L2 is the extended length, M1 is the set torque and M2 the actual torque applied to the nut.

Example

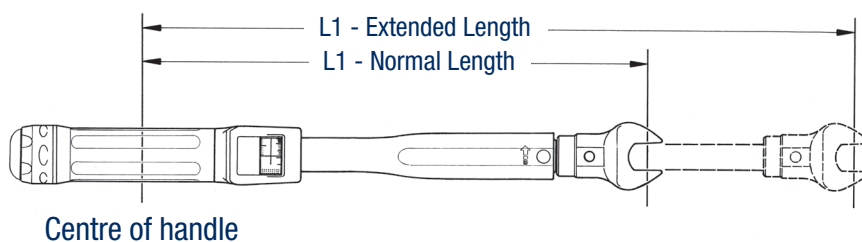
The required torque on the fastener is 130 N.m (M2) but what do you set on the torque wrench scale?

$$L1 = 500 \quad L2 = 650$$

(units of length not important, this is a ratio)

$$M1 = 130 \times 500/650$$

$$M1 = 100$$



Easy to use Torque Wrench selection guide for general workshop, garage, tyre shop and larger automotive users.

Range	Eclipse Professional			Eclipse Automotive		Eclipse Industrial	Eclipse Professional Industrial
Head Type	Push Through Ratchet			Bi-directional Ratchet		Ratchet	Ratchet
Accuracy	+/-3%			+/-3%		+/-4%	+/-3%
Other Selection Criteria	Can be used in a clockwise and anti-clockwise direction (push) through ratchet Fine adjustment for accurate measurements			Ideal for when space is limited. Fine adjustment for accurate measurements.		For ultimate torque control in heavy duty applications	For precision applications requiring a higher torque
Typical Applications	General workshop, garage & tyre shop torque applications			Torque applications in confined spaces of modern motor vehicles		Truck & bus tyre shops, as well as rail maintenance	Truck & bus tyre shops, as well as rail maintenance
Drive	3/8"	1/2"	3/4"	3/8"	1/2"	3/4"	3/4"
Torque in N.m	1						
	10						
	20	EPTW38-50/17					
	30						
	40		EPTW12-100/17				
	50						
	60		EPTW12-200/17				
	80						
	100						
	150						
	200						
	250						
	300						
	340						
	400						
	500						
	550						
700							
800							
1000							
1500							

Torque Wrenches

Professional Torque Wrenches

A new and improved comprehensive range of Torque Wrenches for the professional user with finer adjustment than the standard range. Ideal for general workshop, garage and tyre shop applications.

NEW! Adjustment Lock

The lock is a push / pull type so it is faster to operate and for extra safety a coloured red band clearly indicates when the wrench is unlocked. The handle adjusts faster so less effort is required to set the Torque reading.



NEW! Timestrip

The handles also feature a Timestrip® which gives a visual indication that the wrench is due for calibration. (Timestrip® is a registered trademark of Timestrip UK Ltd)

Ratchet

Strength and Durability: Push through ratchet (EPTW series) with 60-72 engagements per revolution. Reversible ratchet (EATW series) with 48-72 engagements per revolution (depending on model).

Versatility: Push through square drive allows the wrench to be used for torque control in both clockwise and an anti-clockwise direction. Reversible ratchet allows torque control in tight spaces such as car maintenance.

Accuracy: Offset ratchet pawls give a narrow engagement angle



NEW! Torque Scale

The wrench has a dual scale for Torque settings in N.m and lbf.ft. The window is much larger than the previous model for higher visibility and more accurate setting.

Torque Mechanism

Accuracy: less parts to maintain when compared to 'pivot block' mechanisms. Accuracy: +/-3% exceeds all international standards for torque wrenches. Each wrench is supplied with a declaration of conformity. Ease of use: Simple calibration adjustments without disassembly

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 & industrial environments

Eclipse Professional Torque Wrenches

Part No	Sq Drive	Range N.m	Range lbf.ft	Ratchet Diameter	Engagements Per Revolution	Length mm	Weight kg
EPTW38-50/17*1	3/8"	10-50	7.5-37.5	35	72	335	0.7
EPTW12-100/17*2	1/2"	20-100	15-75	45	72	387	0.94
EPTW12-200/17	1/2"	40-200	30-150	45	72	470	1.07
EPTW12-300/17	1/2"	60-300	50-220	51	60	593	1.42
EPTW12-330/17	1/2"	60-340	50-250	51	60	685	1.48
EPTW34-400/17	1/2"	80-400	60-300	51	60	686	1.93

*1 comes with 1/2" adaptor *2 Comes with 3/8" adaptor

Eclipse Automotive Torque Wrenches to control torque in confined spaces of modern motor vehicles & Industrial Torque Wrenches for heavy duty applications.

Eclipse Automotive Torque Wrenches

- **Versatility:** The reversible ratchet is designed with compact dimensions and a narrow engagement angle resulting from the 72 tooth pattern. This makes the wrench ideal for use in confined spaces of modern motor vehicles and other applications where space is limited.
- **Accuracy:** of +/- 3% exceeds all international standards for torque

wrenches. Each wrench is supplied with a declaration of conformity.

- **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.

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

- **New improved handle:** same as used in Professional EPTW series.



Part No	Sq Drive	Range N.m	Range lbf.ft	Ratchet Diameter	Engagements Per Revolution	Length mm	Weight kg
EATW38-50/17	3/8"	10-50	7.5-37.5	30	72	327	0.69
EATW12-50/17	1/2"	10-50	7.5-37.5	30	72	327	0.69
EATW38-100/17	3/8"	20-100	15-75	30	72	367	0.76
EATW12-100/17	1/2"	20-100	15-75	30	72	367	0.76
EATW12-200/17	1/2"	40-200	30-150	43	48	466	1.04

Eclipse Industrial Torque Wrenches

- **Accuracy:** +/-4%, even in arduous working conditions. Each wrench is supplied with a traceable calibration certificate. 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 & lbf.ft



Part No	Sq Drive	Range N.m	Range lbf.ft	Ratchet Diameter	Engagements Per Revolution	Length mm	Weight kg
EITW-500	3/4"	100-500	70-350	70	36	910	5.2
EITW-800	3/4"	200-800	150-600	70	36	1275	6.3
EITW-1000	3/4"	300-1000	200-750	70	36	1475	7.3
EITW-1500	3/4"	700-1500	500-1000	70	36	1475	10.4

A range of Professional Industrial Torque Wrenches for precision applications requiring a higher torque, e.g truck and bus tyre shop applications and rail maintenance.

Eclipse Professional Industrial Torque Wrench - Ratchet Head

- Accuracy: +/- 3% reading
- Ease of Use: non length dependent - extension handle can be used to reduce operator effort (handle supplied as standard with 800, 1000 and 1500 N.m models)
- Accuracy: long scale length in N.m and lbf.ft allows error free setting
- Versatility: fine 60 tooth ratchet allows the wrench to be used in confined spaces
- Ease of Use: positive 'click' can be heard, seen and felt
- Storage & Protection: supplied in hard carry case



Part No	Sq Drive	Range N.m	Range lbf.ft	Ratchet Diameter	Engagements Per Revolution	Length mm	Length Inc Ext Handles	Weight kg
EPITW34-550	3/4"	110-550	80-400	61	60	845	-	4.0
EPITW34-1000	3/4"	300-1000	220-750	75	60	1250	1750	5.8
EPITW34-1500	3/4"	500-1500	370-1100	75	60	1570	2070	6.7

Available on request. Minimum order quantities apply.

Socket Set

EC-SS11M1/2U 11 Piece Socket Set

Socket Sets are used for tightening and loosening nuts.
Lever action locking/reversing mechanism.
Hanging packaging for easy storage and quick socket selection.

- 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



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

A Torque Multiplier is a device that increases torque that can be applied. Because the power output cannot exceed the power input, the number of output revolutions will be lower than the number of input revolutions.

What are the advantages of Torque Multipliers?

Safety: Using long levers can be very dangerous. Torque Multipliers reduce the lever length or operator effort by a factor of 5, 25 or 125.

Flexibility: Torque Multipliers are ideal for use in confined spaces where it may not be possible to fit long levers.

Accuracy: Torque is most accurate when it is applied smoothly and slowly. Torque Multipliers help to achieve this by removing much of the physical effort from the tightening task.

How do Eclipse HANDTORQUE™ Multipliers Work?

Eclipse Handtorque™ Multipliers incorporate an 'epicyclic' or 'planetary' gear train that has one or more stages. Each stage of gearing increases the torque applied by a factor of 5, so Eclipse multipliers typically offer ratios of 5:1, 25:1 and 125:1

With the planetary gear system, torque is applied to the input gear (known as the 'sun' gear), causing the three or four 'planet' gears whose teeth engage with the 'sun' gear to rotate. The outside casing of the multiplier (the annulus) also engages with the planet gear teeth and would normally rotate in the opposite direction to the sun gear.

However, a reaction arm prevents the annulus from rotating, allowing the planet gears to orbit around the sun. The planet gears are held in a 'planetary' carrier which also holds the input square drive so that, as the planet gears orbit around the sun gear, the carrier and therefore the square drive turn. Without the reaction arm to keep the annulus stationary, the output square will not apply torque.

Why choose an Eclipse HANDTORQUE™ Multiplier?

Accuracy and Reliability: Eclipse gearboxes are built to an extremely high standard of precision, with all gears rotating on needle roller bearings about hardened and ground journal pins. As a result, Eclipse Handtorque™ Multipliers have a torque multiplication accuracy of +/-4% throughout the operating range, taking the uncertainty out of high torque tightening.

Accuracy: No gearbox is 100% efficient and so the velocity ratio (the number of turns that the input has to make to achieve one revolution of the output) is not the same as the torque multiplication ratio. Eclipse multipliers are engineered such that each gear stage has a typical velocity ratio of 5.45:1, resulting in a true torque multiplication factor of 5:1.

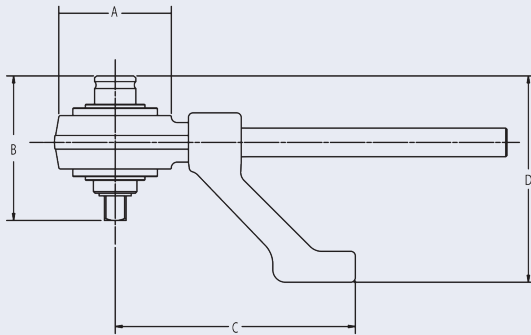
Safety and Ease of Use: Torque output calculations on Eclipse multipliers are a matter of simple arithmetic, with little risk of incorrect bolt loading due to conversion errors. Unlike most other manufacturers' multipliers, there is no need for graphs or formulae to calculate the input torque required to achieve a particular output.



Eclipse Torque Multipliers are manufactured in the UK to extremely high standards of precision and accuracy. They offer a safe, flexible and accurate solution where high levels of torque measurement are required.

Eclipse HT3 'Highwayman' Torque Multipliers

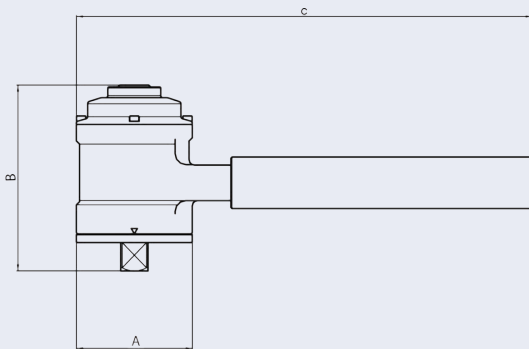
- 5:1 torque multiplication with a guaranteed accuracy of better than +/- 4%.
- Two reaction bar styles for maximum versatility.
- Robust construction for minimum maintenance and a longer life.
- Spare 3/4" output square included in the 1300 N.m kit.
- Robust carry case ideal for inclusion in a heavy vehicle tool kit.



Part No.	Range N.m	Range lbf.ft	Ratio	Input Square	Output Square	A (mm)	B (mm)	C (mm)	D (mm)	Tool Weight	Reaction Weight
E17220	1300	960	5:1	1/2	3/4	108	126	210	180	3.8kg	1.3kg
E17221	2700	2000	5:1	3/4	1	108	128	210	186	3.8kg	1.3kg

Eclipse HT4 Torque Multipliers

- True 15.5:1 or 26:1 torque multiplication with a guaranteed accuracy of better than +/- 4%.
- High ratios allow small torque wrenches to be used.
- Robust construction for minimum maintenance and a longer life.
- Anti Wind Up Ratchet (anti backlash) fitted to allow safer and more practical operation.
- Angle protractor for easy torque and angle tightening.
- Robust carry case with replacement square.



Part No.	Range N.m	Range lbf.ft	Ratio	Input Square	Output Square	A (mm)	B (mm)	C (mm)	Tool Weight	Reaction Weight
E17022	3000	2200	15.5:1	1/2	1	108	156	450	6.1kg	1.9kg
E17021	4500	3300	26:1	1/2	1	108	173	450	7.0kg	1.9kg

Made to order. Minimum order quantities apply.



Pliers

Manufactured with induction hardened cutting edges to the highest specification and tolerances with ergonomic soft feel handles. Eclipse Pliers offer a perfect solution for most gripping, twisting & wire cutting jobs.



Pliers Cutting Key

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

An extensive range of Eclipse Pliers for cutting and twisting wire and gripping pipes, rods and other components for the professional user. Designed to give a greater grip when you need it most.

Engineers' Pliers

Multipurpose 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.



Part No.	Size	Wire Cutting Thickness (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

Long Nose Pliers

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.



Part No.	Size	Wire Cutting Thickness (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

Diagonal Cutting Nippers

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.



Part No.	Size	Wire Cutting Thickness (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

Heavy Duty Diagonal Cutting Nippers

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.



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

Additional nippers and nose pliers to complete the range of high performance pliers.

High Leverage Diagonal Cutting Nippers

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.



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

End Cutting Nippers

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.



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

Snipe Nose Pliers

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



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

Round Nose Pliers

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.



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

A range of special purpose, high performance pliers for the carpenter, plumber and electrician.

PB807/11 Carpenters' Pincers

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.



Part No.	Size	Box QTY
PB807/11	180mm (7")	5

PA196810/11 Cable Croppers

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



Part No.	Size	Dia mm	Dia mm	Box QTY
PA196810/11	250mm (10")	2.0	1.6	5

PA4069/11 Slip Joint Waterpump Pliers

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



Part No.	Size	Capacity mm	Box QTY
PA4069/11	250mm (10")	0-42	5

PA45410/11 Groove Joint Waterpump Pliers

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



Part No.	Size	Capacity mm	Box QTY
PA45410/11	250mm (10")	0-42	5

PA55510/11 Box Joint Waterpump Pliers

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



Part No.	Size	Capacity mm	Box QTY
PA55510/11	250mm (10")	0-36	5



Additional specialist purpose with performance pliers to complete the range.

PA10148/11 Glass Pliers

For holding and shaping glass. 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.



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

PA788/11 Gas Pliers

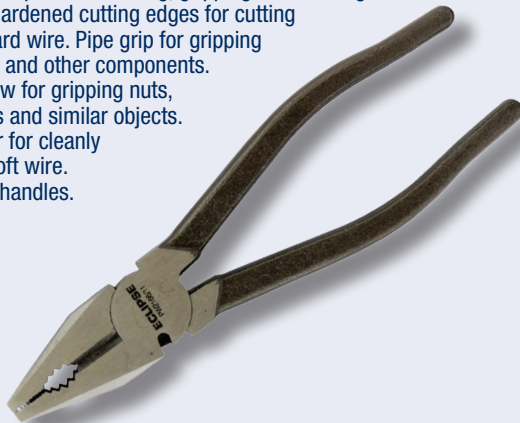
Designed to grip pipework of different sizes. Multipurpose tool which includes a joint cutter. Two curved serrated sections to grip pipes of varying sizes. 'V' notch in front of each jaw to grip wire. Wire cropper located near pivot. Handles shaped to form a pipe reamer and turn screw respectively. Unsleeved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



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

Unsleeved Engineers' Pliers

For use in environments where bare metal handles are appropriate. The handles are impervious to swarf, glass chippings and heat melting. Multipurpose 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.



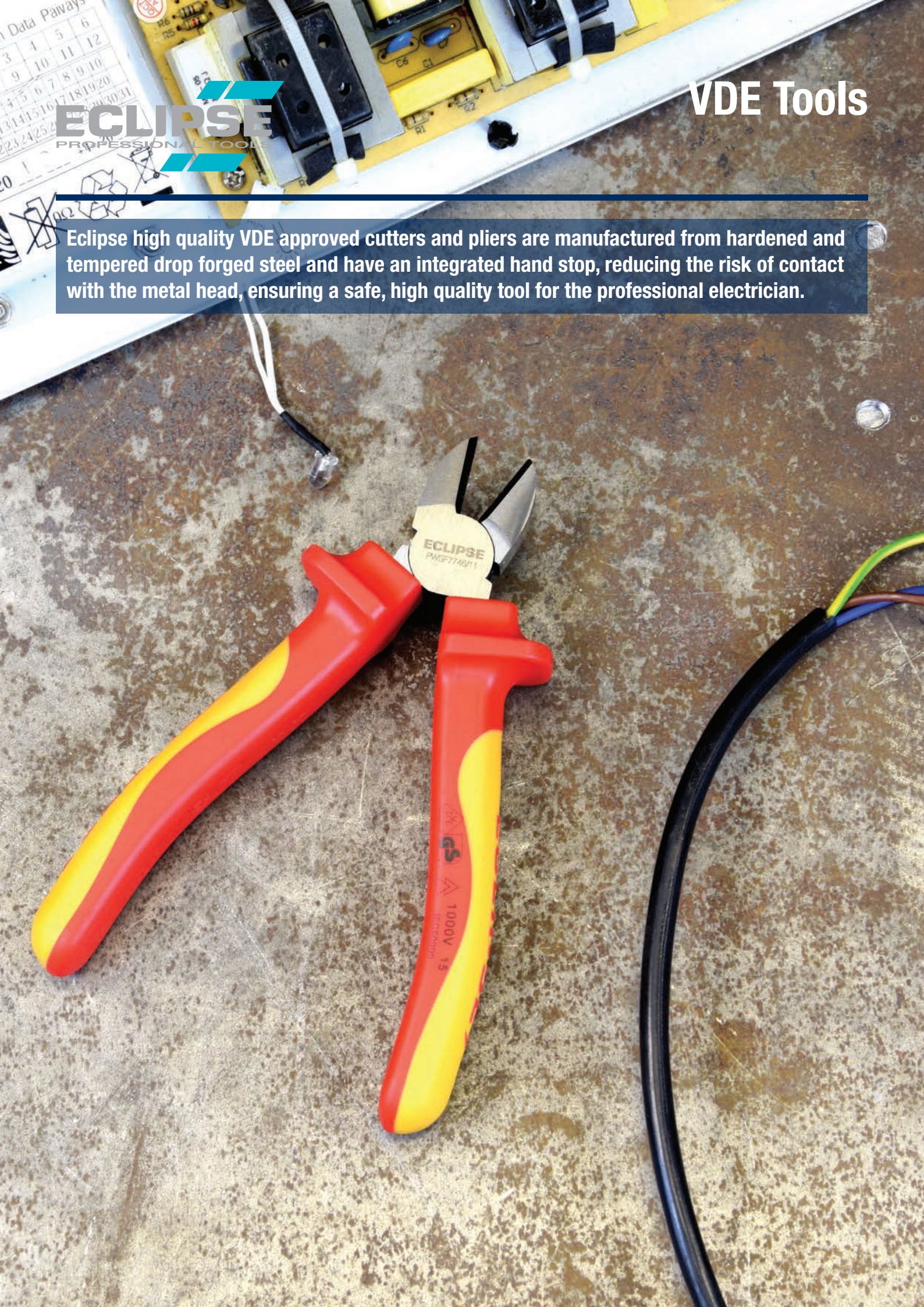
Part No.	Size	Wire Cutting Thickness (mm)				Pack QTY
		Soft	Med Hard	Hard	Piano	
PW2166/11	160mm (6")	4.0	2.8	1.8	1.4	5
PW21610/11	250mm (10")	6.0	4.0	2.8	2.4	5

PA18518/11 Wire Stripper Crimper

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. Multipurpose tool combining stripping, crimping and cutting. Sleeved handles.



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



VDE Tools



Eclipse high quality VDE approved cutters and pliers are manufactured from hardened and tempered drop forged steel and have an integrated hand stop, reducing the risk of contact with the metal head, ensuring a safe, high quality tool for the professional electrician.

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:



This shows compliance with VDE regulations concerning safety requirements. Confirms safety with regards to electrical, mechanical, thermal, toxicological, radiological and other hazards.



The double triangle and voltage show that the tool is suitable for working on energised parts at the stated voltage.

IEC 60900:2004

An international standard that includes the detailed requirements for the design of insulated tools, eg the thickness of the protective insulation and the testing programme required on this material.

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.

A comprehensive range of high quality VDE approved cutters & 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

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

Induction hardened and precision ground edges for maximum durability and performance



IEC 60900:2004



A comprehensive range of high quality VDE approved Eclipse cutters and pliers for the professional electrician.

VDE Side Cutters

For cutting wires/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



Part No.	Size	Wire Cutting Thickness (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

PWSF1978/11 VDE Cable Cutters

A compact one handed cable cutter for use on copper and aluminium wire (not suitable for 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



Part No.	Size	Dia mm	Dia mm ²	Pack QTY
PWSF1978/11	210mm (8½")	38.0	11.5	5

VDE Combination Pliers

Multipurpose 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



Part No.	Size	Wire Cutting Thickness (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

PWSF10648/11 VDE Long Nose Pliers

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



Part No.	Size	Wire Cutting Thickness (mm)				Pack QTY
		Soft	Med Hard	Hard	Piano	
PWSF10648/11	200mm (8")	4.0	3.0	2.0	1.6	5

Additional VDE approved pliers and wire strippers for the professional electrician.

PWSF10748/11 VDE Bent Long Nose Pliers

Ideal for adjusting relay contacts. Includes cutting edges for 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



Part No.	Size	Wire Cutting Thickness (mm)				Pack QTY
		Soft	Med Hard	Hard	Piano	
PWSF10748/11	200mm (8")	4.0	3.0	2.0	1.6	5

PWSF19546/11 VDE End Wire Strippers

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



Part No.	Size	Dia mm	Dia mm ²	Pack QTY
PWSF19546/11	160mm (6")	2.0	1.6	5

EAWS6 Automatic Wire Strippers

A multipurpose tool for use on both 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 0.2mm²

Stripping 0.2 - 6.0mm² copper and aluminium wire, solid or stranded

Wire Cutting HRC 40-50

Crimping 1.5, 2.5, 6.0mm insulated and non-insulated terminals



Part No.	Pack QTY
EAWS6	10

ECT-RBY Ratchet Crimping Pliers

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



Part No.	mm ²	AWG	Pack QTY
ECT-RBY	0.5-1.0, 1.5-2.5, 4-6	22-18, 16-14, 12-10	5

A range of specialist tools and professional tool case so all your tools can be kept safe and organised. Perfect for any professional tradesman.

EVS1000 Voltage Sensor

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

- When placed closed to AC voltage it lights up red and detection buzzer sounds
- Pocket clip enables convenient storage
- Over-voltage CAT III and compliance with IEC 1010
- Can pick up a 5v signal and detect 240v through an air gap of 4mm
- Operating temperature -20° to + 55°C
- Requires 2 x AAA batteries (Not supplied)



Part No.	Range	Power	Pack QTY
EVS1000	80-1000v	2 x AAA	10

Mains Testers

For detecting the presence of electric voltage

- Bright chrome vanadium steel bars for strength and rust protection
- Packed individually on printed skin packed cards
- 220-250 volts: 50Hz



Part No.	Tip Length	Tip Height	Pack QTY
3210R	105mm	5mm	6
3200R	75mm	3mm	6

TECHCASE Professional Tool Case

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



Part No.	Denier	Dimensions	Pack QTY
TECHCASE	600	440 x 200 x 330mm	6



Engineers' Tools

All manufactured to the highest standards from high quality carbon steel, Eclipse Engineering tools include punches, scrapers, scribers, nut spinners, boring bars and tool bits for the professional user.



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

Centre Punches

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



Part No.	Point Diameter	Length	Pack Size
351A	3.2mm (1/8")	100mm (4")	10
351B	4mm (5/32")	100mm (4")	10
351C	4.8mm (3/16")	100mm (4")	10
351D	6.35mm (1/4")	100mm (4")	10
351W	Wallet containing 1 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	Operating Pressure Range	Pack Size
65-171R	120mm	13.5-2.25kg (30-5lbs)	10
E172	149mm	22.5-6.3kg (50-14lbs)	1

Parallel Punches

Used to punch out pins and dowels.



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

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 the 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
9180	Pin Driver	2.5mm (3/32")	6
9185	Nail Driver	4mm (5/32")	6

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

Engineers Scrapers

Suitable for toolroom and small engineering work.



Individual Scrapers

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

Sets

Part No.	Set Contains	Pack QTY
96	96A, 96B & 96C	1
97	97A, 97B & 97C, 97D	1

Erector Scrapers

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



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

Bearing Scrapers



Part No.	Overall Length	Blade Length	Pack QTY
2584	180mm (7¼")	100mm (4")	5
2586	240mm (9½")	150mm (6")	5
2588	290mm (11½")	200mm (6")	5
258	Set of 2584, 2586 & 2588		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	Overall Length	Pack QTY
121	0 - 1mm	75mm (3")	10
122	0.75 - 1.5mm	85mm (3⅜")	10
123	1.4 - 3.1mm	95mm (3¾")	10
124	3.1 - 5mm	105mm (4⅛")	10
120	Set of 121, 122, 123 & 124		1 Set

Pin Chuck & Replacement Collets

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



Pin Chuck

Part No.	Overall Length	Description	Pack
160	65mm (9/16")	Chuck with 3 collets: 0.25-2.5mm capacities	1

Replacement Collets

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

Eclipse range of Nut Spinners for loosening and securing nuts, particularly where spanners cannot reach or are awkward to use.

BA Nut Spinners

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.



Part No.	Length	Nut Size	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

Metric Nut Spinners

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. 7830 features high strength flexible spring steel shaft, ideal for use with hose clips.



Part No.	Length	Nut Size	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	150mm (6")	7mm	6

5490 Metric Nut Spinner Set

Ergonomically designed handle. Low slip textured finish for improved grip and torque. 9 piece metric nut spinner set with handle, extension piece and 9 interchangeable blades.

Sizes included: 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm & 10mm in a high quality tool roll.



Part No.	Set Comprises:	Pack Size
5490	4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm & 10mm	1

Eclipse professional scribers used in metal working to mark lines in workpieces prior to machining.

76-229R Handy Scriber

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
76-229R	175mm (7")	5

E222 Engineers' Scriber

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



Part No.	Overall Length	Description	Pack Size
E222	190mm (7½")	Double Ended	10

Pocket Scribers

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



Part No.	Closed Size	Description	Pack Size
E220	89mm (3½")	Hardened Steel Point	10
E225	89mm (3½")	Tungsten Carbide Point	10
22005	-	Replacement Hardened Steel Point	10
22502	-	Replacement Tungsten Carbide Point	5

E227 Machinists' Scriber

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



Part No.	Overall Length	Description	Pack Size
E227	114mm (4½")	1 Piece/Single Ended	10

Eclipse Boring Bars & Tool Bits are manufactured from 5% Cobalt High Speed Steel for the professional engineer. Jewellers' Screwdriver blades are hardened for long life.

Jewellers' Screwdrivers

Designed to carry out fine, precision work by toolmakers, jewellers, watch makers, instrument engineers and opticians. Blade sizes match all commonly used slotted screws. 110mm (4 ⁵/₁₆ in) overall length when fitted with blade.



Part No.	Set Contents	Pack Size
7771	Set of 6 screwdrivers	1 Set
7772	Pocket set: 1 screwdriver & 6 interchangeable blades with widths from 0.6mm - 2.5mm	1 Set

Boring Bars

Made from 5% 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
TK105B/10	5mm (³ / ₁₆ "	114mm (4 ¹ / ₂ "	10
TK146C/10	6.5mm (¹ / ₄ "	127mm (5"	10
TK188P/10	8mm (⁵ / ₁₆ "	153mm (6"	5
TK230J/10	9.5mm (³ / ₈ "	178mm (7"	25

Tool Bits

Eclipse 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.

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.



Part No.	Dimensions - Section	Length	Pack Size
TD109R/10	6.4mm (¹ / ₄ "	76mm (3"	10
TD111M/10	6.4mm (¹ / ₄ "	102mm (4"	10
TD149M/10	7.9mm (⁵ / ₁₆ "	76mm (3"	10
TD151N/10	7.9mm (⁵ / ₁₆ "	102mm (4"	10
TD189N/10	9.5mm (³ / ₈ "	76mm (3"	10
TD191W/10	9.5mm (³ / ₈ "	102mm (4"	10
TD195C/10	9.5mm (³ / ₈ "	153mm (6"	10
TD271F/10	12.7mm (¹ / ₂ "	102mm (4"	5
TD275B/10	12.7mm (¹ / ₂ "	153mm (6"	5
TD311E/10	15.9mm (⁵ / ₈ "	102mm (4"	5
TD315M/10	15.9mm (⁵ / ₈ "	153mm (6"	5
TD351R/10	19mm (³ / ₄ "	102mm (4"	5
TD355N/10	19mm (³ / ₄ "	153mm (6"	5

Tool Bit Holders

Eclipse tool bit holders are designed to optimise toolbit performance by means of a carefully machined groove with relieved corners which enables the tool bit to rest on a flat surface. Eclipse holders clamp the tool bit securely & rigidly. Supplied complete with an Allen key and one Eclipse H5 tool bit. 1 per pack.

Holders with the suffix "SL" are designed for use in American style (slotted pillar) tool posts. Holders with suffix "S" are of more robust construction and are designed for use with English type lathes with flat tool rests or 4 way turret tool posts.



Part No.	Capacity		Shank Size		Overall length	
	mm	in	mm	in	mm	in
524SL	5-7	³ / ₁₆ - ¹ / ₄	11.1 x 25.4	⁷ / ₁₆ x 1	130	5 ¹ / ₈
534SL	8-10	³ / ₁₆ - ³ / ₈	15.9 x 31.8	⁵ / ₈ x 1 ¹ / ₄	155	6
544SL	10-12.7	³ / ₈ x ¹ / ₂	22.2 x 38	⁷ / ₈ x 1 ¹ / ₂	230	9
523S	5-7	³ / ₁₆ - ¹ / ₄	14.3 x 19	⁵ / ₁₆ x ³ / ₄	125	5
533S	8-10	³ / ₁₆ x ³ / ₈	17.5 x 25.4	1 ¹ / ₁₆ x 1	155	6

Cut off and lathe tools for the professional engineer.

Cutting Off Tools - Bevel Section

Bevel section accurately ground with clearance angle at cutting edge.



Part No.	Width	Top Thickness	Bottom Thickness	Length	Pack Size
TH325M/10	12.70mm (1/2")	2.4mm (3/32")	1.6mm (1/16")	114mm (4")	10
TH466F/10	15.87mm (5/8")	2.4mm (3/32")	1.6mm (1/16")	127mm (5")	10
TH628V/10	19.05mm (3/4")	3.2mm (1/8")	1.6mm (1/16")	153mm (6")	10
TH750R/10	22.23mm (7/8")	3.2mm (1/8")	1.6mm (1/16")	178mm (7")	10
TH912T/10	25.40mm (1")	4.8mm (3/16")	3.2mm (1/8")	203mm (8")	10

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.	Thickness	Length	Set Comprises:	Pack Size
E420/10	6.5mm (1/4")	90mm (3 1/2")	1 of each: Roughing, Finishing, Parting-Off, External Threading, Boring, Internal Threading	1 Set
E430/10	9.5mm (3/8")	125mm (5")	1 of each: Roughing, Finishing, Parting-Off, External Threading, Boring, Internal Threading	1 Set

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

33 Trammel Heads

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



Part No.	Suitable For Beam Sizes	Pack Size
33	19 x 38mm (3/8" - 1 1/2") Thick, & 38mm (3/8") Wide	1 Pair

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
E141 Fixed Bar	50mm (1 5/16")	57mm (2 1/4")	1
E142	65mm (2 1/16")	90mm (3 1/2")	1
E143	90mm (3 5/8")	127mm (5")	1
E145	165mm (6 1/2")	90mm (3 1/2")	1
E146	245mm (10")	127mm (5")	1

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

Standard Bar Type Tap Wrench

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



Part No.	Jaw Capacities	Sq A/F mm	ISO	BA	BSW/BSF	UNC	UNF	Length	PK QTY
E240	Min	1.5	M1	14	1/8	0	-	110mm	1
	Max	4.6	M6	0	1/4	12	1/4	105mm	
E241	Min	2.0	M3	5	1/8	4	1/4	164mm	1
	Max	7.2	M12	0	1/2	12	1/2	156mm	
E242	Min	2.5	M4	3	3/16	8	1/4	230mm	1
	Max	9.0	M16	0	5/8	12	5/8	220mm	

Tool Makers' Clamp

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



Part No.	Jaw Capacity	Jaw Length	Jaw Section	PK QTY
410	25mm (1")	50mm (2")	8mm (5/16sq")	1
411	38mm (1 1/2")	75mm (3")	11.1mm (7/16sq")	1
412	63mm (2 1/2")	100mm (4")	14.3mm (9/16sq")	1
413	89mm (3 1/2")	125mm (5")	17.5mm (1 1/16sq")	1

Specifically designed for cutting brick, concrete, paving slabs and metal, the ECLIPSE range of top quality cold chisels and bolsters is manufactured to British Standard specifications using the latest production methods and equipment. To resist 'mushrooming', every chisel shank head is specially shaped and the cutting edges are hardened for durability. As well as brick bolsters, the range includes flat, floorboard, crosscut, plugging and concrete point chisels.

The blades of the ECLIPSE range of wood chisels are made from one piece of chrome vanadium steel for maximum strength. The heat treated blades, which are sharpened and ready for use, can be re-sharpened up to a depth of 25mm for a longer working life.



Cold chisels & bolsters manufactured from hard wearing chrome vanadium, so need re-sharpening less often, and are 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	Hexagon Dia.	Pack QTY
CB24A/07	100mm (4")	6.35mm (1/4")	6.35mm (1/4")	10 PK
CB28G/07	150mm (6")	6.35mm (1/4")	6.35mm (1/4")	10 PK
CB46T/07	125mm (5")	9.5mm (3/8")	9.5mm (3/8")	10 PK
CB48E/07	150mm (6")	9.5mm (3/8")	9.5mm (3/8")	10 PK
CB68V/07	150mm (6")	12.7mm (1/2")	12.7mm (1/2")	10 PK
CB70H/07	205mm (8")	12.7mm (1/2")	12.7mm (1/2")	10 PK
CB72F/07	250mm (10")	12.7mm (1/2")	12.7mm (1/2")	10 PK
CB73N/07	300mm (12")	12.7mm (1/2")	12.7mm (1/2")	10 PK
CB88R/07	150mm (6")	15.9mm (5/8")	12.7mm (1/2")	10 PK
CB89H/07	180mm (7")	15.9mm (5/8")	12.7mm (1/2")	10 PK
CB90M/07	205mm (8")	15.9mm (5/8")	12.7mm (1/2")	10 PK
CB92N/07	250mm (10")	15.9mm (5/8")	12.7mm (1/2")	10 PK
CB108D/07	150mm (6")	19mm (3/4")	15.9mm (5/8")	10 PK
CB110T/07	205mm (8")	19mm (3/4")	15.9mm (5/8")	10 PK
CB111G/07	230mm (9")	19mm (3/4")	15.9mm (5/8")	10 PK
CB112E/07	250mm (10")	19mm (3/4")	15.9mm (5/8")	10 PK
CB113V/07	300mm (12")	19mm (3/4")	15.9mm (5/8")	10 PK
CB116M/07	450mm (18")	19mm (3/4")	15.9mm (5/8")	5 PK
CB150E/07	205mm (8")	25.4mm (1")	22.2mm (7/8")	5 PK
CB151V/07	230mm (9")	25.4mm (1")	22.2mm (7/8")	5 PK
CB152R/07	250mm (10")	25.4mm (1")	22.2mm (7/8")	5 PK
CB153H/07	300mm (12")	25.4mm (1")	22.2mm (7/8")	5 PK
CB156N/07	450mm (18")	25.4mm (1")	22.2mm (7/8")	5 PK

Concrete Pointing Chisels

For breaking up concrete



Part No	Length Blade	Width	Hexagon Dia.	Pack Qty
CB292R/07	250mm (10")	4mm (5/32")	15.9mm (5/8")	10
CB313P/07	300mm (12")	4.8mm (3/16")	19mm (3/4")	10
CB353G/07	300mm (12")	6.35mm (1/4")	25.4mm (1")	5

CB827V/07 Plugging Chisel

For cutting out mortar from between bricks



Part No	Length Blade	Width	Hexagon Dia.	Pack Qty
CB827V/07	250mm (10")	6.35mm (1/4")	15.9mm (5/8")	5

Our Wrecking Bars are made from heat treated, solid forged steel for maximum strength.

Brick Bolsters

For cutting bricks



Part No	Length	Blade W	Hex Dia.	Pk Qty
CB730K/07	230mm	75mm	19mm	5
CB740K/07	230mm	100mm	25mm	5
100V/07*	230mm	100mm	25mm	5

*with rubber grip

CB770K/07 Floorboard Chisel

For cutting floorboard tongues before lifting



Part No	Length	Blade W	Hex Dia.	Pk Qty
CB770K/07	230mm	63.5mm	17.5mm	5

Guarded Chisels

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



Part No	Type	Length	Blade W	Hex Dia.	Qty
22-208R/07	Flat	205mm	19mm	15.9mm	5
22-210R/07	Flat	250mm	25.4mm	22.2mm	5
22-639R/07	Brick Cutting	230mm	75mm	19mm	5
22-649R/07	Brick Cutting	230mm	100mm	25mm	5
22-509R/07	Floorboard	230mm	63.5mm	17.5mm	5

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 constructed items.

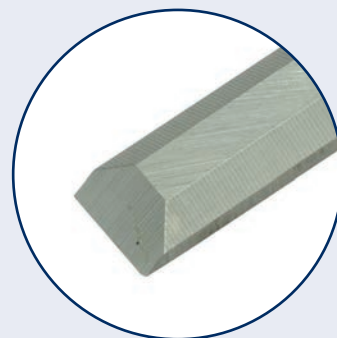


Part No	Size	Pack Qty
RIPPA14	355mm (14")	5
RIPPA18	450mm (18")	5
RIPPA24	600mm (24")	5
RIPPA30	750mm (30")	4
RIPPA36	900mm (36")	4
RIPPA3PS	Boxed set contains: 14" 24" 36" Wrecking bars	4



Eclipse Wood Chisels are available individually and also in sets containing a range of sizes.

Wood Chisels



Part No	Blade Width	Pack Qty
BEWC1/4E	1/4" (6mm) Bevel Edge	5
BEWC3/8E	3/8" (9mm) Bevel Edge	5
BEWC1/2E	1/2" (12mm) Bevel Edge	5
BEWC5/8E	5/8" (15mm) Bevel Edge	5
BEWC3/4E	3/4" (19mm) 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

Blister Packs

- 3 piece set contains 1/2", 3/4" & 1" wood chisels
- 4 piece set contains 1/4", 1/2", 3/4" & 1"
- 6 piece set contains 1/4", 3/8", 1/2", 3/4", 1" and 1.1/4"



Part No.	Description	PK QTY
BEWC3BCE	Blister packed	5PK
BEWC4BCE	Blister packed	5PK
BEWC6BCE	Blister packed	5PK

BEWC3PSE Wallet

- 3 piece set containing 1/2", 3/4" and 1" wood chisels



Part No.	Description	PK QTY
BEWC3PSE	Wallet	5 PK

BEWC6PSE Boxed Set

- 6 piece boxed set containing 1/4", 3/8", 1/2", 3/4", 1" and 1.1/4" wood chisels



Part No.	Description	PK QTY
BEWC6PSE	Boxed Set	5 PK

Tape Measures, Utility Knives & Blades, part of any tradesman's essential tool kit.

Tape Measures

Auto lock system. Magnetic hook and 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 Size
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

E1770 Standard Utility Knife

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



Part No.	Description	Pack Size
E1770	Standard Trimming Knife	12 (Bulk Pack)

E1780 Utility 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 Size
E1780	Heavy Duty Utility Knife	8 Pack

Utility Knife 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 Size
1702BP	Straight	100
1702R	Straight	10
1603BPC	Hooked (No dispenser, cellophaned in bundles of 100)	100

Eclipse Merchandising & Point of Sale

We offer a wide range of merchandising and point of sale materials to support our stockists. All Eclipse point of sale material reflects the same strong brand identity used for our product packaging. Some options are shown below*. For more details please email sales@eclipse-tools.com.

Unistands



BLADEMER



CHISELMER



PEGMER





*All stock shown is for illustrative purposes only

Part Number	Description	Pack Size	EAN	Page No.
Hand Hacksaw Blades				
AA45E-PRED	12 x 1/2 x 025 x 18 Predator bimetal HSB	100	5012095610007	10
AA45E-PRED-PB	12 x 1/2 x 025 x 18 Predator bimetal HSB	100	5012095610038	10
AA46V-PRED	12 x 1/2 x 025 x 24 Predator bimetal HSB	100	5012095610014	10
AA46V-PRED-PB	12 x 1/2 x 025 x 24 Predator bimetal HSB	100	5012095610045	10
AA47R-PRED	12 X 1/2 X 025 X 32 Predator bimetal HSB	100	5012095610021	10
AA47R-PRED-PB	12 X 1/2 X 025 X 32 Predator bimetal HSB	100	5012095610052	10
AE44W	12x 1 2 025 14 HSS AH Hacksaw Blade	100	5012095009665	10
AE44WPB	12x 1 2 025 14 HSS AH Hacksaw Blade	100	5012095009665	10
AE45B	12 1 2 025 18 HSS AH Hacksaw Blade	100	5012095031390	10
AE45BPB	12 1 2 025 18 HSS AH Hacksaw Blade	100	5012095031390	10
AE46X	12 1 2 025 24 HSS AH Hacksaw Blade	100	5012095000518	10
AE46XPB	12 1 2 025 24 HSS AH Hacksaw Blade	100	5012095000518	10
AE47K	12 1 2 025 32 HSS AH Hacksaw Blade	100	5012095007968	10
AE47KPB	12 1 2 025 32 HSS AH Hacksaw Blade	100	5012095007968	10
AA3045E	12 x 1/2 x 025 x 18 (+30) bimetal HSB	100	5012095014683	10
AA3045EPB	12 x 1/2 x 025 x 18 (+30) bimetal HSB	100	5012095014683	10
AA3046V	12 x 1/2 x 025 x 24 (+30) bimetal HSB	100	5012095014676	10
AA3046VPB	12 x 1/2 x 025 x 24 (+30) bimetal HSB	100	5012095014676	10
AA3047R	12X1/2X025X32 (+30) bimetal HSB	100	5012095014690	10
AA3047RPB	12X1/2X025X32 (+30) bimetal HSB	100	5012095014690	10
AE3044W	12x1/2x0.025 14 (+30) All Hard HSB	100	5012095014720	10
AE3044WPB	12x1/2x0.025 14 (+30) All Hard HSB	100	5012095014720	10
AE3045B	12x1/2x0.025 18 (+30) All Hard HSB	100	5012095014737	10
AE3045BPB	12x1/2x0.025 18 (+30) All Hard HSB	100	5012095014737	10
AE3046X	12x1/2x0.025 24 (+30) All Hard HSB	100	5012095014744	10
AE3046XPB	12x1/2x0.025 24 (+30) All Hard HSB	100	5012095014744	10
AE3047K	12x1/2x0.025 32 (+30) All Hard HSB	100	5012095014751	10
AE3047KPB	12x1/2x0.025 32 (+30) All Hard HSB	100	5012095014751	10
AM44L	12 1/2 025 14 LAS FX	100	5012095008002	11
AM44LPB	12 1/2 025 14 LAS FX	100	5012095008002	11
AM45W	12 x 1/2 025 18 LAS FX Hacksaw Blade	100	5012095008019	11
AM45WPB	12 x 1/2 025 18 LAS FX Hacksaw Blade	100	5012095008019	11
AM46B	12 x 1/2 025 24 LAS FX Hacksaw Blade	100	5012095008026	11
AM46BPB	12 x 1/2 025 24 LAS FX Hacksaw Blade	100	5012095008026	11
AM47X	12 x 1/2 025 32 LAS FX Hacksaw Blade	100	5012095008033	11
AM47XPB	12 x 1/2 025 32 LAS FX Hacksaw Blade	100	5012095008033	11
71-418R	Plus 30 bimetal 18 TPI (2 Pack)	10	5012095028857	11
71-418R10	Plus 30 bimetal - 18TPI Blades (10 Pack)	10	5012095606703	11
71-424R	Plus 30 bimetal 24 TPI (2 Pack)	10	5012095029403	11
71-424R10	Plus 30 bimetal - 24TPI Blades (10 Pack)	10	5012095606727	11
71-432R	Plus 30 bimetal 32 TPI (2 Pack)	10	5012095031253	11
71-432R10	Plus 30 bimetal - 32TPI Blades (10 Pack)	10	5012095606758	11
71-224R	Silicon Steel Hacksaw Blds (5 Pack)	10	5012095023203	11

71-624R	1 each 18,24,32 TPI Plus 30 bimetal HSB	10	5012095060994	11
71-418RPRED	Predator Bimetal 18 TPI (2 Pack)	10	5012095614647	11
71-424RPRED	Predator Bimetal 24 TPI (2 Pack)	10	5012095614654	11
71-432RPRED	Predator Bimetal 32 TPI (2 Pack)	10	5012095614661	11
71-624RPRED	1 each 18,24,32 TPI Predator Bimetal HSB	10	5012095613305	11
71-224R	Silicon Steel Hacksaw Blds	10	5012095023203	11
Codes ending with PB packed in plastic box.				
Power Hacksaw Blades		Pack Size		
AE144N	12 x 5/8 032 14 HSS AH Power HSB	50	5012095016700	12
AE145L	12 X 5/8 032 18 HSS AH Power HSB	50	5012095008040	12
AE146W	12 x 5/8 032 24 HSS AH Power HSB	50	5012095016717	12
AE203V	12 1 050 10 HSS AH	10	5012095007975	12
AE204R	12 1 050 14 HSS AH	10	5012095016724	12
AE222B	14X1 050 6 HSS AH Power hacksaw blade	10	5012095058564	12
AE223R	14X1 050 10 HSS AH Power hacksaw blade	10	5012095007982	12
AE224H	14x1 050 14 HSS AH Power hacksaw blade	10	5012095031406	12
AE342E	14X 1.1/4 062 6 HSS AH Power HSB	10	5012095016731	12
AE343V	14x1.1/4 062 10 HSS AH Power HSB	10	5012095031413	12
AE344R	14X1.1/4 062 14 HSS AH Power HSB	10	5012095019466	12
AE452W	14X11/2 X075X 6 HSS AH Power HSB	10	5012095016748	12
AE243H	16X1 050 10 HSS AH Power Hacksaw blade	10	5012095019473	12
AE244M	16x1 050 14 HSS AH NS Power HSB	10	5012095019480	12
AE352X	16X 1.1/4 062 6 HSS AH Power HSB	10	5012095016755	12
AE353K	16X 1.1/4 062 10 HSS AH Power HSB	10	5012095016762	12
AE354C	16X1.1/4 062 14 HSS AH NS Power HSB	10	5012095019497	12
AE462G	16X 1.1/2 075 6 HSS AH Power HSB	10	5012095016779	12
AE263M	17 1 050 10 HSS AH NS	10	5012095016786	12
AE362V	17 1.1/4 062 6 HSS AH NS	10	5012095016793	12
AE363R	17 1.1/4 062 10 HSS AH NS	10	5012095016809	12
AE372K	18 1.1/4 062 6 HSS AH	10	5012095016816	12
AE373C	18 1.1/4 062 10 HSS AH	10	5012095016823	12
AE471W	18 1.1/2 075 4 HSS AH	10	5012095016830	12
AE472B	18 1.1/2 075 6 HSS AH	10	5012095016847	12
AE512M	18 1.3/4 088 6 HSS AH NS	10	5012095016854	12
AE522A	19 1.3/4 088 6 HSS AH NS	10	5012095016861	12
AE482E	20 1.1/2 075 6 HSS AH NS	10	5012095019527	12
AE492X	21 1.1/2 075 6 HSS AH	10	5012095016878	12
AE493K	21 1.1/2 075 10 HSS AH NS	10	5012095019534	12
AE541A	21 1.3/4 088 4 HSS AH NS	10	5012095016885	12
AE542D	21 1.3/4 088 6 HSS AH	10	5012095016892	12
AE622C	22 2 100 6 HSS AH	10	5012095019541	12
AE631R	23 2 100 4 HSS AH	10	5012095019558	12
AE632H	23 2 100 6 HSS AH	10	5012095019565	12
AE562P	24 1.3/4 088 6 HSS AH	10	5012095016915	12
AE641C	24 2 100 4 HSS AH	10	5012095016922	12
AE642J	24 2 100 6 HSS AH	10	5012095016939	12
AE651H	26 2 100 4 HSS AH	10	5012095019572	12

AE652M	26 2 100 6 HSS AH	10	5012095019589	12
AE662A	28 2 100 6 HSS AH	10	5012095019596	12
AE691F	30 2.1/2 100 4 HSS AH	10	5012095019602	12
AE972G	450 38 2.0 10 HSSAH Kasto	10	5012095019695	13
AE982B	575mm 50 2.5 4 HSSAH Kasto	10	5012095019718	13
AE983X	575mm 50 2.5 6 HSSAH Kasto	10	5012095019725	13
AA203K	12 1 050 10 Hicut	10	5012095016946	13
AA204C	95 1 050 14 Hicut	10	5012095016953	13
AA223C	14 1 050 10 Hicut	10	5012095016960	13
AA224J	14 1 050 14 Hicut	10	5012095031352	13
AA342X	14 1.1/4 062 6 Hicut	10	5012095016977	13
AA343K	14 1.1/4 062 10 Hicut	10	5012095016984	13
AA352V	16 1.1/4 062 6 Hicut	10	5012095016991	13
AA353R	16 1.1/4 062 10 Hicut	10	5012095017004	13
AA462B	16 1.1/2 075 6 Hicut	10	5012095019329	13
AA463X	16 1.1/2 075 10 Hicut	10	5012095019336	13
AA373H	18 1.1/4 062 10 Hicut	10	5012095019350	13
AA472E	18 1.1/2 075 6 Hicut	10	5012095019367	13
AA473V	18 1.1/2 075 10 Hicut	10	5012095019374	13
AA492V	21 1.1/2 075 6 Hicut	10	5012095019398	13

Small Saw Blades

Pack Size

71-132R	Junior Hacksaw Blades Packet of 10	10	5012095042402	14
71-114R	Junior Wood Saw Blades(Packet of 10)	10	5012095043201	14
71-230R	Padsaw - Metal/Wood Blades	10	5012095048602	14
71-CP7R	Coping Saw Blades Packet of 10	10	5012095043706	14
71-CP24R	Coping Saw Blades 24TPI 10pk	10	5012095074403	14
71-FS5R	Fret Saw Blades (Packet of 10)	10	5012095046301	14
FS32	Fret Saw Blade 32 TPI (Packet 100)	100	5012095000358	14
FS22	Fret Saw Blade 22 TPI (Packet 100)	100	5012095000365	14
FS18	Fret Saw Blade 18 TPI (Packet 100)	100	5012095000372	14
FS16	Fret Saw Blade 16 TPI (Packet 100)	100	5012095000389	14
PS80	Piercing Saw Blade 80TPI(Packet 100)	100	5012095000419	14
PS60	Piercing Saw Blade 60TPI(Packet 100)	100	5012095000426	14
PS52	Piercing Saw Blade 52TPI(Packet 100)	100	5012095000433	14
PS44	Piercing Saw Blade 44TPI(Packet 100)	100	5012095000440	14
PS32	Piercing Saw Blade 32TPI(Packet 100)	100	5012095000457	14
73-66SR	General Purpose Saw Spare Blade	10	5012095027409	14

Saw Frames

Pack Size

70-24TR	High Tension Hacksaw Frame	6	5012095613015	16
70-22TR	Hacksaw Soft Feel	5	5012095060987	16
70-20TR	Professional Hacksaw	5	5012095069904	16
20TND	Professional Hacksaw - Industrial Pack	20	5012095000020	16
18TND	Hacksaw Frame	10	5012095057239	16
16TND	Hacksaw Frame SA	10	5012095065005	17
15TND	Mini Saw Frame	12	5012095613022	17
40PG30	Hacksaw with pistol grip	5	5012095048015	17
70-400R	Handyman Hacksaw	5	5012095072751	17
400ND	Handyman Hacksaw-Ind Pack	20	5012095047995	17
70-14JR	Junior Hacksaw	5	5012095077206	18
70-675R	Mini Saw	5	5012095078203	18
72-66XR	General Purpose Saw	5	5012095074205	18
73-66SR	General Purpose Saw Spare Blade	10	5012095027409	18
70-130R	Padsaw	5	5012095076605	18

Specialist Saw Frames			Pack Size		
70-CP1R	Coping Saw	5	5012095079002	19	
70-CP1RSF	Coping Saw Soft Feel Handle	5	5012095060475	19	
70-FS1R	Fret Saw	5	5012095079309	19	
PS51	Piercing Saw Fixed Frame	5	5012095978602	19	
Jigsaw Blades			Pack Size		
EPT101B	JIGSAW BLD T WOOD FINE CUT 2.7MM	5	5012095602897	21	
EPT101BR	JIGSAW BLD T WOOD FINE CUT 2.5MM REV	5	5012095602927	21	
EPT101D	JIGSAW BLD T WOOD FINE CUT 4.0-5.2MM P	5	5012095602934	21	
EPT111C	JIGSAW BLD T WOOD FAST CUT 3MM	5	5012095602880	21	
EPT118A	JIGSAW BLD T METAL FINE CUT 1.1-1.5MM P	5	5012095603054	21	
EPT118B	JIGSAW BLD T METAL FINE CUT 1.9-2.3MM P	5	5012095602958	21	
EPT118G	JIGSAW BLD T METAL FINE CUT 0.7MM	5	5012095602965	21	
EPT119B	JIGSAW BLD T WOOD FINE CUT 1.9-2.3MM P	5	5012095602873	21	
EPT119BO	JIGSAW BLD T WOOD FINE CURVE CUT 2MM	5	5012095603061	21	
EPT127D	JIGSAW BLD T METAL FAST CUT 3MM	5	5012095603047	21	
EPT144D	JIGSAW BLD T WOOD FAST CUT 4.0-5.2MM P	5	5012095603078	21	
EPT150RIFF	JIGSAW BLD T CERAMIC FINE CUT 50 GRIT	5	5012095602989	21	
EPT244D	JIGSAW BLD T WOOD FAST C CUT 4.0-5.2MM P	5	5012095603085	21	
EPT301CD	JIGSAW BLD T WOOD FINE CUT 3.00MM	5	5012095602941	21	
EPT318A	JIGSAW BLD T METAL FINE CUT 1.2MM	5	5012095602972	21	
EPTWM10	10 Piece Jigsaw Blade Set for Wood and Metal Cutting	20	5012095614739	21	
EPTW10	10 Piece Jigsaw Blade Set for Wood Cutting	20	5012095614746	21	
Reciprocating Blades			Pack Size		
EC-S522EF	RECIP BLADE METAL 100MM X 18TPI (X5)	5	5054914028396	22	
EC-S922BF	RECIP BLADE METAL 150MM X 14TPI (X5)	5	5054914028419	22	
EC-S922EF	RECIP BLADE METAL 150MM X 18TPI (X5)	5	5054914028433	22	
EC-S922AF	RECIP BLADE METAL 150MM X 24TPI (X5)	5	5054914028457	22	
EC-S1122BF	RECIP BLADE METAL 225MM X 14TPI (X5)	5	5054914028471	22	
EC-S1122EF	RECIP BLADE METAL 225MM X 18TPI (X5)	5	5054914028495	22	
EC-S922HF	RECIP BLD WOOD/METAL 150MM X 10TPI (X5)	5	5054914028273	23	
EC-S1122HF	RECIP BLD WOOD/METAL 225MM X 10TPI (X5)	5	5054914028297	23	
EC-S1222VF	RECIP BLD WOOD/METAL 300MM X 14/10TPI (X5)	5	5054914028310	23	
EC-S611DF	RECIP BLADE WOOD/METAL 150MM X 6TPI (X5)	5	5054914028334	23	
EC-S1111DF	RECIP BLD WOOD/METAL 225MM X 6TPI (X5)	5	5054914028358	23	
EC-S1411DF	RECIP BLADE WOOD/METAL 300MM X 6TPI (X5)	5	5054914028372	23	
EC-S610DF	RECIP BLD DEMO WOOD/METAL 150 X 6T (X5)	5	5054914028518	23	
EC-S1110DF	RECIP BLD DEMO METAL/WOOD 225 X 6T (X5)	5	5054914028532	23	
EC-S617K	RECIP BLADE WOOD 150MM X 3TPI (X5)	5	5054914028150	23	
EC-S644D	RECIP BLADE WOOD 150MM X 6TPI (X5)	5	5054914028211	23	
EC-S1531L	RECIP BLADE WOOD 240MM X 5TPI (X5)	5	5054914028235	23	
EC-S2345X	RECIP BLADE WOOD 200MM X 6/10TPI (X5)	5	5054914028259	23	
EC-S1543HM	RECIP BLADE BRICK 240MM X 2TPI (x1)	1	5054914028198	23	
Vari Pitch Holesaws			Pack Size		
EBV30-14-NEW	PLUS 30 14mm Diameter Holesaw	1	5012095031505	24	
EBV30-16-NEW	PLUS 30 16mm Diameter Holesaw	1	5012095031512	24	
EBV30-17-NEW	PLUS 30 17mm Diameter Holesaw	1	5012095031529	24	
EBV30-19-NEW	PLUS 30 19mm Diameter Holesaw	1	5012095031536	24	
EBV30-20-NEW	PLUS 30 20mm Diameter Holesaw	1	5012095031543	24	
EBV30-21-NEW	PLUS 30 21mm Diameter Holesaw	1	5012095031550	24	
EBV30-22-NEW	PLUS 30 22mm Diameter Holesaw	1	5012095031567	24	
EBV30-24-NEW	PLUS 30 24mm Diameter Holesaw	1	5012095031574	24	
EBV30-25-NEW	PLUS 30 25mm Diameter Holesaw	1	5012095031581	24	
EBV30-27-NEW	PLUS 30 27mm Diameter Holesaw	1	5012095031598	24	

EBV30-29-NEW	PLUS 30 29mm Diameter Holesaw	1	5012095031604	24	
EBV30-30-NEW	PLUS 30 30mm Diameter Holesaw	1	5012095031611	24	
EBV30-32-NEW	PLUS 30 32mm Diameter Holesaw	1	5012095031628	24	
EBV30-33-NEW	PLUS 30 33mm Diameter Holesaw	1	5012095031635	24	
EBV30-35-NEW	PLUS 30 35mm Diameter Holesaw	1	5012095031642	24	
EBV30-37-NEW	PLUS 30 37mm Diameter Holesaw	1	5012095031659	24	
EBV30-38-NEW	PLUS 30 38mm Diameter Holesaw	1	5012095031666	24	
EBV30-40-NEW	PLUS 30 40mm Diameter Holesaw	1	5012095031673	24	
EBV30-41-NEW	PLUS 30 41mm Diameter Holesaw	1	5012095031680	24	
EBV30-43-NEW	PLUS 30 43mm Diameter Holesaw	1	5012095031697	24	
EBV30-44	PLUS 30 44mm Diameter Holesaw	1	5012095031703	24	
EBV30-46	PLUS 30 46mm Diameter Holesaw	1	5012095031727	24	
EBV30-48	PLUS 30 48mm Diameter Holesaw	1	5012095031734	24	
EBV30-51	PLUS 30 51mm Diameter Holesaw	1	5012095031758	24	
EBV30-52	PLUS 30 52mm Diameter Holesaw	1	5012095031765	24	
EBV30-54	PLUS 30 54mm Diameter Holesaw	1	5012095031772	24	
EBV30-55	PLUS 30 55mm Diameter Holesaw	1	5012095031789	24	
EBV30-57	PLUS 30 57mm Diameter Holesaw	1	5012095031796	24	
EBV30-59	PLUS 30 59mm Diameter Holesaw	1	5012095031802	24	
EBV30-60	PLUS 30 60mm Diameter Holesaw	1	5012095031819	24	
EBV30-64	PLUS 30 64mm Diameter Holesaw	1	5012095031826	24	
EBV30-65	PLUS 30 65mm Diameter Holesaw	1	5012095031833	24	
EBV30-67	PLUS 30 67mm Diameter Holesaw	1	5012095031840	24	
EBV30-68	PLUS 30 68mm Diameter Holesaw	1	5012095031857	24	
EBV30-70	PLUS 30 70mm Diameter Holesaw	1	5012095031864	24	
EBV30-73	PLUS 30 73mm Diameter Holesaw	1	5012095031871	24	
EBV30-76	PLUS 30 76mm Diameter Holesaw	1	5012095031895	24	
EBV30-79	PLUS 30 79mm Diameter Holesaw	1	5012095031901	24	
EBV30-83	PLUS 30 83mm Diameter Holesaw	1	5012095031918	24	
EBV30-86	PLUS 30 86mm Diameter Holesaw	1	5012095031925	24	
EBV30-89	PLUS 30 89mm Diameter Holesaw	1	5012095031932	24	
EBV30-92	PLUS 30 92mm Diameter Holesaw	1	5012095031949	24	
EBV30-95	PLUS 30 95mm Diameter Holesaw	1	5012095031956	24	
EBV30-98	PLUS 30 98mm Diameter Holesaw	1	5012095031963	24	
EBV30-102	PLUS 30 102mm Diameter Holesaw	1	5012095031970	24	
EBV30-105	PLUS 30 105mm Diameter Holesaw	1	5012095031987	24	
EBV30-108	PLUS 30 108mm Diameter Holesaw	1	5012095031994	24	
EBV30-111	PLUS 30 111mm Diameter Holesaw	1	5012095032007	24	
EBV30-114	PLUS 30 114mm Diameter Holesaw	1	5012095032021	24	
EBV30-121	PLUS 30 121mm Diameter Holesaw	1	5012095019763	24	
EBV30-127	PLUS 30 127mm Diameter Holesaw	1	5012095032045	24	
EBV30-140	PLUS 30 140mm Diameter Holesaw	1	5012095032052	24	
EBV30-152	PLUS 30 152mm Diameter Holesaw	1	5012095032069	24	
Constant Pitch Holesaws		Pack Size			
EBC-16	16mm Constant Pitch Holesaw	1	5012095050308	24	
EBC-19	19mm Constant Pitch Holesaw	1	5012095050292	24	
EBC-20	20mm Constant Pitch Holesaw	1	5012095050223	24	
EBC-22	22mm Constant Pitch Holesaw	1	5012095050216	24	
EBC-25	25mm Constant Pitch Holesaw	1	5012095050230	24	
EBC-27	27mm Constant Pitch Holesaw	1	5012095050285	24	
EBC-32	32mm Constant Pitch Holesaw	1	5012095050247	24	
EBC-35	35mm Constant Pitch Holesaw	1	5012095050278	24	
EBC-38	38mm Constant Pitch Holesaw	1	5012095050254	24	
EBC-51	51mm Constant Pitch Holesaw	1	5012095050261	24	

EBC-60	60mm Constant Pitch Holesaw	1	5012095050186	24
EBC-64	64mm Constant Pitch Holesaw	1	5012095050193	24
EBC-76	76mm Constant Pitch Holesaw	1	5012095050209	24
Holesaw Kits & Arbors		Pack Size		
EE30-K	Electrician Holesaw KIT PLUS 30	1	5012095032168	25
EGP30-K	GEN.PURPOSE Holesaw KIT PLUS 30	1	5012095032175	25
EEP30-K	Electns & Plumbers Holesaw Kit Plus 30	1	5012095032151	25
EE12	Holesaw Extension	1	5012095032113	25
ED1	2 3/4" Drill for Holesaws	10	5012095032090	25
ED2	4 1/2" Drill for Holesaws	10	5012095032106	25
E4	6mm Round Shank Arbor	1	5012095031437	25
E1	14-30mm Hex Arbor 10mm	1	5012095031444	26
E11	14-30mm HEX Arbor 11mm	1	5012095031451	26
E6	32-152MM HEX ARBOR 11MM	1	5012095031468	26
E2	32-152mm Hex Arbor 11mm SC Thrd	1	5012095031475	26
E2QR	Quick Release Holesaw Arbor	1	5012095016663	26
E-GP	14-152mm General Purpose Arbor	1	5012095031499	26
Predator Holesaw Kits & Arbors		Pack Size		
EBVP-14	14mm Predator HSS Bi-Metal Holesaw	1	5012095031505	27
EBVP-16	16mm Predator HSS Bi-Metal Holesaw	1	5012095031512	27
EBVP-17	17mm Predator HSS Bi-Metal Holesaw	1	5012095031529	27
EBVP-19	19mm Predator HSS Bi-Metal Holesaw	1	5012095031536	27
EBVP-20	20mm Predator HSS Bi-Metal Holesaw	1	5012095031543	27
EBVP-21	21mm Predator HSS Bi-Metal Holesaw	1	5012095031550	27
EBVP-22	22mm Predator HSS Bi-Metal Holesaw	1	5012095031567	27
EBVP-24	24mm Predator HSS Bi-Metal Holesaw	1	5012095031574	27
EBVP-25	25mm Predator HSS Bi-Metal Holesaw	1	5012095031581	27
EBVP-27	27mm Predator HSS Bi-Metal Holesaw	1	5012095031598	27
EBVP-29	29mm Predator HSS Bi-Metal Holesaw	1	5012095031604	27
EBVP-30	30mm Predator HSS Bi-Metal Holesaw	1	5012095031611	27
EBVP-32	32mm Predator HSS Bi-Metal Holesaw	1	5012095031628	27
EBVP-33	33mm Predator HSS Bi-Metal Holesaw	1	5012095031635	27
EBVP-35	35mm Predator HSS Bi-Metal Holesaw	1	5012095031642	27
EBVP-37	37mm Predator HSS Bi-Metal Holesaw	1	5012095031659	27
EBVP-38	38mm Predator HSS Bi-Metal Holesaw	1	5012095031666	27
EBVP-40	40mm Predator HSS Bi-Metal Holesaw	1	5012095031673	27
EBVP-41	41mm Predator HSS Bi-Metal Holesaw	1	5012095031680	27
EBVP-43	43mm Predator HSS Bi-Metal Holesaw	1	5012095031697	27
EBVP-44	44mm Predator HSS Bi-Metal Holesaw	1	5012095031703	27
EBVP-46	46mm Predator HSS Bi-Metal Holesaw	1	5012095031727	27
EBVP-48	48mm Predator HSS Bi-Metal Holesaw	1	5012095031734	27
EBVP-51	51mm Predator HSS Bi-Metal Holesaw	1	5012095031758	27
EBVP-52	52mm Predator HSS Bi-Metal Holesaw	1	5012095031765	27
EBVP-54	54mm Predator HSS Bi-Metal Holesaw	1	5012095031772	27
EBVP-55	55mm Predator HSS Bi-Metal Holesaw	1	5012095031789	27
EBVP-57	57mm Predator HSS Bi-Metal Holesaw	1	5012095031796	27
EBVP-59	59mm Predator HSS Bi-Metal Holesaw	1	5012095031802	27
EBVP-60	60mm Predator HSS Bi-Metal Holesaw	1	5012095031819	27
EBVP-64	64mm Predator HSS Bi-Metal Holesaw	1	5012095031826	27
EBVP-65	65mm Predator HSS Bi-Metal Holesaw	1	5012095031833	27
EBVP-67	67mm Predator HSS Bi-Metal Holesaw	1	5012095031840	27
EBVP-68	68mm Predator HSS Bi-Metal Holesaw	1	5012095031857	27
EBVP-70	70mm Predator HSS Bi-Metal Holesaw	1	5012095031864	27
EBVP-73	73mm Predator HSS Bi-Metal Holesaw	1	5012095031871	27

EBVP-76	76mm Predator HSS Bi-Metal Holesaw	1	5012095031895	27	
EBVP-79	79mm Predator HSS Bi-Metal Holesaw	1	5012095031901	27	
EBVP-83	83mm Predator HSS Bi-Metal Holesaw	1	5012095031918	27	
EBVP-86	86mm Predator HSS Bi-Metal Holesaw	1	5012095031925	27	
EBVP-89	89mm Predator HSS Bi-Metal Holesaw	1	5012095031932	27	
EBVP-92	92mm Predator HSS Bi-Metal Holesaw	1	5012095031949	27	
EBVP-95	95mm Predator HSS Bi-Metal Holesaw	1	5012095031956	27	
EBVP-98	98mm Predator HSS Bi-Metal Holesaw	1	5012095031963	27	
EBVP-102	102mm Predator HSS Bi-Metal Holesaw	1	5012095031970	27	
EBVP-105	105mm Predator HSS Bi-Metal Holesaw	1	5012095031987	27	
EBVP-108	108mm Predator HSS Bi-Metal Holesaw	1	5012095031994	27	
EBVP-111	111mm Predator HSS Bi-Metal Holesaw	1	5012095032007	27	
EBVP-114	114mm Predator HSS Bi-Metal Holesaw	1	5012095032021	27	
EBVP-121	121mm Predator HSS Bi-Metal Holesaw	1	5012095019763	27	
EBVP-127	127mm Predator HSS Bi-Metal Holesaw	1	5012095032045	27	
EBVP-140	140mm Predator HSS Bi-Metal Holesaw	1	5012095032052	27	
EBVP-152	152mm Predator HSS Bi-Metal Holesaw	1	5012095032069	27	
E11-B	14-30mm Hex Arbor 11mm	1	5012095614258	27	
E2-B	32-152mm Hex Arbor 11mm HD	1	5012095614241	27	
Bolt Cutters		Pack Size			
ETBC14	Bolt Cutters Tubular Handles 14"	20	5012095065968	29	
ETBC18	Bolt Cutters Tubular Handles 18"	10	5012095065975	29	
ETBC24	Bolt Cutters Tubular Handles 24"	8	5012095065982	29	
ETBC30	Bolt Cutters Tubular Handles 30"	5	5012095065999	29	
ETBC36	Bolt Cutters Tubular Handles 36"	4	5012095066002	29	
ETBC14-RH2	Strap type repl.jaws & strap 14" b/c	1	5012095067993	29	
ETBC18-RH2	Strap type repl.jaws & strap 18" b/c	1	5012095068006	29	
ETBC24-RH2	Strap type repl.jaws & strap 24" b/c	1	5012095068013	29	
ETBC30-RH2	Strap type repl.jaws & strap 30" b/c	1	5012095068020	29	
ETBC36-RH2	Strap type repl.jaws & strap 36" b/c	1	5012095068037	29	
EFBC14	Bolt Cutters Forged Handles 14"	16	5012095067931	29	
EFBC18	Bolt Cutters forged Handles 18"	8	5012095067948	29	
EFBC24	Bolt Cutters Forged Handles 24"	6	5012095067955	29	
EFBC30	Bolt Cutters Forged Handles 30"	4	5012095067962	29	
EFBC36	Bolt Cutters forged Handles 36"	3	5012095067979	29	
EFBC42	Bolt Cutters Forged Handles 42"	2	5012095067986	29	
EFBC14-RH	Rep heads for 14" forged bolt cutters	1	5012095069508	29	
EFBC18-RH	Rep heads for 18" forged bolt cutters	1	5012095069515	29	
EFBC24-RH	Rep heads for 24" forged bolt cutters	1	5012095069522	29	
EFBC30-RH	Rep heads for 30" forged bolt cutters	1	5012095069539	29	
EFBC36-RH	Rep heads for 36" forged bolt cutters	1	5012095069546	29	
EFBC42-RH	Rep heads for 42" forged bolt cutters	1	5012095069553	29	
Bolt & Wire Cutters		Pack Size			
EBC-EC24	24" End Cut Bolt Cutters Forged Hand	4	5012095070474	30	
ECC16	Cable Cutter 16mm	5	5012095076063	30	
EWC8	Wire Rope Cutter 8"/200mm	5	5012095075240	30	
Aviation Snips		Pack Size			
EAS-SL	Avia snips-extra cut str/wide curves	6	5012095069690	31	
EAS-S	Aviation snips-straight & wide curve	6	5012095069683	31	
EAS-R	Aviation snips-right & straight cut	6	5012095069676	31	
EAS-L	Aviation snips-left & straight cut	6	5012095069669	31	
General Purpose & Jewellers' Snips		Pack Size			
ESGP-8	General Purpose Snips 8"/200mm	6	5012095066071	32	
ESGP-10	General Purpose Snips 10"/250mm	6	5012095066088	32	
ESGP-12	General Purpose Snips 12"/300mm	6	5012095066095	32	

ESGP-14	General Purpose Snips 14"/355mm	6	5012095066101	32
ESGPS-8	Gen Purp Snips 8"/200mm with spring	6	5012095067009	32
ESGPS-10	Gen Purp Snips 10"/250mm with spring	6	5012095067016	32
ESGPS-12	Gen Purp Snips 12"/300mm with spring	6	5012095067023	32
ESGPS-14	Gen Purp Snips 14"/350mm with spring	6	5012095067030	32
ESJ-7S	Jewellers Snips - 7"/120mm Straight	10	5012095066125	32
ESJ-7C	Jewellers Snips - 7"/120mm Curved	10	5012095066118	32
Vices		Pack Size		
EMV-1	3" Mechanics Vice	1	5012095067207	38
EMV-3	4" Mechanics Vice	1	5012095067214	38
EMV-5	5" Mechanics Vice	1	5012095067221	38
EMV-6	6" Mechanics Vice	1	5012095067238	38
EMV-8	8" Mechanics Vice	1	5012095067245	38
EFG1	Pr Fibre Grips 3" for 3" Mech Vice	10	5012095072041	38
EFG3	Pr Fibre Grips 4" for 4" Mech Vice	10	5012095072058	38
EFG5	Pr Fibre Grips 5" for 5" Mech Vice	10	5012095072065	38
EFG6	Pr Fibre Grips 6" for 6" Mech Vice	10	5012095072072	38
EFG8	Pr Fibre Grips 8" for 8" Mech Vice	10	5012095072089	38
EMVSB-1	Swivel base for 3" Mechanics Vice	10	5012095069560	38
EMVSB-3	Swivel base for 4" Mechanics Vice	10	5012095069577	38
EMVSB-5	Swivel base for 5" Mechanics Vice	10	5012095069584	38
EMVSB-6	Swivel base for 6" Mechanics Vice	8	5012095069591	38
EMVSB-8	Swivel base for 8" Mechanics Vice	8	5012095069607	38
EMV-1JPS	Spare Jaws and Plates for EMV-1	20	5012095067740	34
EMV-3JPS	Spare Jaws and Plates for EMV-3	20	5012095067757	34
EMV-5JPS	Spare Jaws and Plates for EMV-5	20	5012095067764	34
EMV-6JPS	Spare Jaws and Plates for EMV-6	20	5012095067771	34
EMV-8JPS	Spare Jaws and Plates for EMV-8	20	5012095067788	34
EQRV-5	5" Quick Release Mechanics Vice	1	5012095614753	35
EQRV-6	6" Quick Release Mechanics Vice	1	5012095614760	35
EQRV-8	8" Quick Release Mechanics Vice	1	5012095614777	35
EMPV-5	5" Multi-Purpose Vice with anvil & pipe jaws	1	5012095614791	35
EHV-3	4" Pipe Jaw Workshop Vice	1	5012095611134	36
EWVQR7	7" Quick Release Woodworking Vice	1	5012095067252	37
EWVQR9	9" Quick Release Woodworking Vice	1	5012095067269	37
EWVPS7	7" Plain Screw Woodworking Vice	1	5012095074571	37
EWVPS9	9" Plain Screw Woodworking Vice	1	5012095074588	37
ETV3	3" Table Vice	6	5012095614784	37
Clamps		Pack Size		
E20-3	G Clamp - Heavy Duty 3"/75mm	6	5012095066019	38
E20-4	G Clamp - Heavy Duty 4"/100mm	6	5012095066026	38
E20-6	G Clamp - Heavy Duty 6"/150mm	6	5012095066033	38
E20-8	G Clamp - Heavy Duty 8"/200mm	2	5012095066040	38
E20-10	G Clamp - Heavy Duty 10"/250mm	2	5012095066057	38
E20-12	G Clamp - Heavy Duty 12"/300mm	2	5012095066064	38
ETBR42	42" T Bar clamp	4	5012095070283	38
ETBR48	48" T Bar clamp	4	5012095070290	38
ETBR54	54" T Bar clamp	4	5012095070306	38
ETBR66	66" T Bar clamp	4	5012095070313	38
ETBR78	78" T Bar clamp	4	5012095070320	38
ETB-TSPC	T Bar Tail slide,peg,chain	1	N/A	38
ESC24	24" sash clamp	6	5012095070337	38
ESC30	30" sash clamp	6	5012095070344	38
ESC36	36" sash clamp	6	5012095070351	38

ESC42	42" sash clamp	6	5012095070368	38
ESC48	48" sash clamp	6	5012095070375	38
ESC54	54" sash clamp	6	5012095070382	38
ESC66	66" sash clamp	6	5012095070399	38
ESC-TSPC	Sash Tail slide,peg,chain	1	5012095076117	38
EC-SC80R6	150mm Screw Clamp 80mm Depth	10	5012095607601	39
EC-SC80R8	200mm 8" 80mm Screw Clamp	10	5012095607151	39
EC-SC80R10	250mm 10" 80mm Screw Clamp	10	5012095607168	39
EC-SC80R12	300mm 12" 80mm Screw Clamp	10	5012095607175	39
EC-SC80R16	400mm 16" 80mm Screw Clamp	10	5012095607212	39
EC-SC80R24	600mm 24" 80mm Screw Clamp	6	5012095607199	39
EC-SC80R32	800mm 32" 80mm Screw Clamp	6	5012095607205	39
EC-SC08R40	40"/1000mm Screw Clamp 80mm Depth	6	5012095611561	39
EC-SC08R48	48"/1200mm S/Clamp 80mm Depth	1	5012095611554	39
EC-SCR6	6"/150mm Screw Clamp	10	5012095607618	39
EC-SCR8	8"/200mm Screw Clamp	10	5012095071778	39
EC-SCR10	10"/250mm Screw Clamp	10	5012095607625	39
EC-SCR12	12"/300mm Screw Clamp	10	5012095071785	39
EC-SCR16	16"/400mm Screw Clamp	10	5012095071792	39
EC-SCR24	24"/600mm Screw Clamp	10	5012095071808	39
EC-SCR32	32"/800mm Screw Clamp	6	5012095071815	39
EC-SCR40	40"/1000mm Screw Clamp	6	5012095602729	39
EC-SCR48	48"/1200mm Screw Clamp	1	5012095611578	39
ELC80-4	4" Quick Release Lever Clamp (80mm Depth)	10	5012095613626	39
ELC80-8	8" Quick Release Lever Clamp (80mm Depth)	10	5012095613633	39
ELC80-12	12" Quick Release Lever Clamp (80mm Depth)	10	5012095613640	39
ELC120-4	4" Quick Release Lever Clamp (120mm Depth)	10	5012095613657	39
ELC120-8	8" Quick Release Lever Clamp (120mm Depth)	10	5012095613664	39
ELC120-12	12" Quick Release Lever Clamp (120mm Depth)	10	5012095613688	39
EOHBC6-HD	Heavy Duty One Handed Bar Clamp 6"	6	5012095613572	40
EOHBC12-HD	Heavy Duty One Handed Bar Clamp 12"	6	5012095613589	40
EOHBC18-HD	Heavy Duty One Handed Bar Clamp 18"	6	5012095613596	40
EOHBC24-HD	Heavy Duty One Handed Bar Clamp 24"	6	5012095613602	40
EOHBC36-HD	Heavy Duty One Handed Bar Clamp 36"	6	5012095613619	40
EOHBC6	One Handed Bar Clamp 6"	20	5012095077923	41
EOHBC6X2	One Handed Bar Clamp 6" - Pair	5	5012095075592	41
EOHBC12	One Handed Bar Clamp 12"	12	5012095077930	41
EOHBC18	One Handed Bar Clamp 18"	12	5012095077947	41
EOHBC24	One Handed Bar Clamp 24"	12	5012095077954	41
EOHBC36	One Handed Bar Clamp 36"	12	5012095077961	41
EOHBC6-MINI	6" Mini One-Handed Bar Clamp	16	5012095613558	41
EOHBC12-MINI	12" Mini One-Handed Bar Clamp	16	5012095613565	41
EOHBC4-MICRO	4" Micro One-Handed Bar Clamp	20	5012095613541	41
Wrenches		Pack Size		
ELPW8	8" Leader pattern pipe wrench	4	5012095070481	43
ELPW10	10" Leader pattern pipe wrench	4	5012095070498	43
ELPW12	12" Leader pattern pipe wrench	4	5012095070504	43
ELPW14	14" Leader pattern pipe wrench	4	5012095070511	43
ELPW18	18" Leader pattern pipe wrench	4	5012095070528	43
ELPW24	24" Leader pattern pipe wrench	1	5012095070535	43
ELPW36	36" Leader pattern pipe wrench	1	5012095070542	43
ELPW48	48" Leader pattern pipe wrench	1	5012095070559	43
ESPW8	8" Stillson pattern pipe wrench	6	5012095070405	43
ESPW10	10" Stillson pattern pipe wrench	6	5012095070412	43
ESPW12	12" Stillson pattern pipe wrench	6	5012095070429	43

ESPW14	14" Stillson pattern pipe wrench	6	5012095070436	43
ESPW18	18" Stillson pattern pipe wrench	4	5012095070443	43
ESPW24	24" Stillson pattern pipe wrench	4	5012095070450	43
ESPW36	36" Stillson pattern pipe wrench	2	5012095070467	43
ESWDPW1	Swedish Pipe Wrench 1"	6	5012095076292	43
ESWDPW15	Swedish Pipe Wrench 1.5"	6	5012095076308	43
ESWDPW2	Swedish Pipe Wrench 2"	4	5012095076315	43
ESWDPW3	Swedish Pipe Wrench 3"	1	5012095076322	43
ECPW2-1/2	Chain Pipe Wrench 2.1/2" / 75mm	5	5012095076070	43
ECPW4	Chain Pipe Wrench 4" / 100mm	2	5012095076087	43
ECPW8	Chain Pipe Wrench 8" / 200mm	2	5012095076094	43
ECPW12	Chain Pipe Wrench 12" / 300mm	2	5012095076100	43
ADJW6L	6" Adjustable Wrench - Left Handed Thread	6	5012095610342	44
ADJW8L	8" Adjustable Wrench - Left Handed Thread	6	5012095610359	44
ADJW10L	10" Adjustable Wrench - Left Handed Thread	6	5012095610366	44
ADJW12L	12" Adjustable Wrench - Left Handed Thread	6	5012095610373	44
ADJW15L	Eclipse Pro 15" Adjustable Wrench	1	5012095612230	44
ADJW18L	Eclipse Pro 18" Adjustable Wrench	1	5012095612247	44
ADJW24L	Eclipse Pro 24" Adjustable Wrench	1	5012095612254	44
ADJW6WJ	6" Adjustable Wrench - wide jaw	6	5012095079507	44
ADJW8WJ	8" Adjustable Wrench - wide jaw	6	5012095079514	44
ADJW10WJ	10" Adjustable Wrench - wide jaw	5	5012095079521	44
ADJW12WJ	12" Adjustable Wrench - wide jaw	5	5012095604433	44
ADJW6	Eclipse 6" Adjustable Wrench	5	5012095068044	44
ADJW8	Eclipse 8" Adjustable Wrench	5	5012095068051	44
ADJW10	Eclipse 10" Adjustable Wrench	5	5012095068068	44
ADJW12	Eclipse 12" Adjustable Wrench	5	5012095068075	44
ADJW6S	6" Adjustable Wrench std handles	5	5012095077879	44
ADJW8S	8" Adjustable Wrench std handles	5	5012095077886	44
ADJW10S	10" Adjustable Wrench std handles	5	5012095077893	44
ADJW12S	12" Adjustable Wrench std handles	5	5012095077909	44
ADJW15S	15" Adjustable Wrench std handles	2	5012095077916	44
Pipe Vices & Cutters		Pack Size		
EHPV2	Hinged Pipe Vice 3/8-2"	4	5013035042629	45
EHPV2-1/2	Hinged Pipe Vice 3/8-2-1/2"	4	5013035042636	45
EHPV3-1/2	Hinged Pipe Vice 3/8-3-1/2"	2	5013035042643	45
EHPV6	Hinged Pipe Vice 1/8-6"	1	5013035042650	45
ECPS15	Copper Pipe Slicer 15mm	10	5013035042193	45
ECPS22	Copper Pipe Slicer 22mm	10	5013035042209	45
ECTC22	Mini Tube Cutter (3-22mm)	10	5013035042230	45
ECTC32	Telescopic Tube Cutter 3-32mm	5	5013035042377	45
ECTC50	Telescopic Tube Cutter 5-50mm	5	5013035042254	45
Pipe Cutters & Hand Benders		Pack Size		
EPPC32	Plastic Pipe Cutter 32MM	10	5013035042353	46
EPPC42	Plastic Pipe Cutter 42MM	10	5013035042322	46
ERP2	Roller Pipe Cutter 1/8" - 2"	1	5012095075547	46
EHB1522	Hand Bender 15mm & 22mm	1	5013035042391	46
EHBG15	15mm Guide for EHB1522	24	5013035042407	46
EHBG22	22mm Guide for EHB1522	4	5013035042414	46
EHBF15	15mm former for EHB1522	10	5013035042421	46
EHBF22	22mm former for EHB1522	10	5013035042438	46
9350	Eclipse Deburring Tool	6	5013035024687	46
DB1	Eclipse Deburring Blade: Steel & Aluminium	100	5013035033108	46
DB2	Eclipse Deburring Blade: Brass & Cast Iron	100	5013035033115	46

Locking Jaw Pliers & C-Clamps			Pack Size	
E7R	Locking Pliers Straight 7"	5	5012095074229	48
E10R	Locking Pliers Straight 10"	5	5012095074236	48
E10CR	Locking Pliers Curved 10"	5	5012095074243	48
E5WR	Lkg Plier Crvd/Wire Ctr 5"	5	5012095074250	48
E7WR	Lkg Plier Crvd/Wire Ctr 7"	5	5012095074267	48
E10WR	Lkg Plier Crvd/Wire Ctr 10"	5	5012095074274	48
E6LN	Lkg Pliers LngNse/Wr Ctr 6"	5	5012095074281	48
E6R	C Clamps/Regular Tips 6"	5	5012095074311	49
E11R	C Clamps/Regular Tips 11"	5	5012095074328	49
E6SP	C Clamps/Swivel Pads 6"	5	5012095074298	49
E11SP	C Clamps/Swivel Pads 11"	5	5012095074304	49
E9R	Locking Welding Clamp 9"	5	5012095077602	49
E20R	Locking Chain Clamp 18"	5	5012095077619	49
ERR	Locking Pinch Off Pliers 7"	5	5012095077626	49
E8R	Locking Sheet Metal Tool 8"	5	5012095077596	49
Riveters, Threaded Insert Tools, Kits & Spares			Pack Size	
2760	Ecl Long Arm Riveter 4 Noses	1	5013035024946	51
2750	Eclipse Lazy Tong Riveter	1	5013035022935	51
2750HD	Heavy Duty Lazy Tong Riveter	1	5013035042964	51
2730	Eclipse Heavy Duty Riveter	1	5013035024717	52
2720	Eclipse Long Reach Riveter	1	5013035002555	52
2770	Eclipse Easigrip Riveter 3,4,5mm	1	5013035024700	52
2800	Eclipse General Purpose Riveter	1	5013035037342	53
2735	Eclipse Heavy Duty Riveter Kit	1	5013035031654	53
02738A	Nose Kit 5 x 72HD12A	1	5013035023079	53
02738B	Nose Kit 5 x 72HD13A	1	5013035023086	53
02738C	Nose Kit 5 x 72HD14	1	5013035023093	53
02738A-HD	3mm Nose Kit 5pk for 2750HD	1	5013035042988	53
02738B-HD	4mm Nose Kit 5pk for 2750HD	1	5013035042995	53
02738C-HD	5mm Nose Kit 5pk for 2750HD	1	5013035043008	53
02738D-HD	6mm Nose Kit 5pk for 2750HD	1	5013035043015	53
02768A	Nose Kit 72LA12-13A-13S-14	1	5013035023109	53
2738	Jaw Kit 5 Pairs x 72HD5	1	5013035023062	53
02768	Jaw Kit 5 Pairs x 72LA5	1	5013035023116	53
02739	Repair Kit for 2730/2770	1	5013035030350	53
02759	Repair Kit for 2750	1	5013035030367	53
2769	Repair Kit for 2760	1	5013035030374	53
A24S	Ecl Al Rivets Short 4mm x Box 100	10	5013035024762	53
A25S	ECL AL Rivets Short 5mm x Box100	10	5013035024786	53
A24M	ECL AL Rivets Med 4mm x Box 100	10	5013035022089	53
A25M	ECL AL Rivets Med 5mm x Box 100	10	5013035022096	53
A24L	Ecl Al Rivets Long 4mm x Box100	10	5013035024557	53
A25L	ECL AL Rivets Long 5mm x Box 100	10	5013035024779	53
2743	Eclipse Insert Set Tool Walleted	1	5013035024625	54
2745	Ecl Insert Set Tool Boxed	1	5013035024632	54
72CK211	6UNC Conversion Kit	10	5013035039162	54
72CK224	1 4UNF Conversion Kit	10	N/A	54
72CK231	3mm Conversion Kit	10	N/A	54
72CK232L	4mm Conversion Kit	10	5013035033061	54
72CK233L	5mm Long Conversion Kit	10	5013035033078	54
72CK234	6mm Conversion Kit	10	5013035033085	54
72CK235	8mm Conversion Kit	10	5013035033092	54
724504	Eclipse Insert 4mm (x 100)	100	5013035033863	54

724505	Eclipse Insert 5mm (x100)	100	5013035033870	54
724506	Eclipse Insert 6mm (x 100)	100	5013035033887	54
724508	Eclipse Insert 8mm (x 100)	100	5013035033894	54
Torque Wrenches & Multipliers		Pack Size		
EPTW38-50/17	3/8" 10-50 Nm Professional Torque Wrench * Comes with 1/2" adaptor	1	5012095613336	60
EPTW12-100/17	1/2" 20-100 Nm Professional Torque Wrench * Comes with 3/8" adaptor	1	5012095613329	60
EPTW12-200/17	1/2" 40-200 Nm Professional Torque Wrench	1	5012095613350	60
EPTW12-300/17	1/2" 60-300 Nm Professional Torque Wrench	1	5012095613343	60
EPTW12-330/17	1/2" 60-340 Nm Professional Torque Wrench	1	5012095613404	60
EPTW34-400/17	1/2" 80-400 Nm Professional Torque Wrench	1	5012095613411	60
EATW38-50/17	3/8" 10-50 Nm Professional Automotive Torque Wrench	1	5012095613374	61
EATW12-50/17	1/2" 10-50 Nm Professional Automotive Torque Wrench	1	5012095613381	61
EATW38-100/17	3/8" 20-100 Nm Professional Automotive Torque Wrench	1	5012095613398	61
EATW12-100/17	1/2" 20-100 Nm Professional Automotive Torque Wrench	1	5012095613428	61
EATW12-200/17	1/2" 40-200 Nm Professional Automotive Torque Wrench	1	5012095613367	61
EITW-500	Ind.Torque Wrench 3/4" 100-500Nm	1	5012095075554	61
EITW-800	Ind Torq Wrench 3 4" 200-800Nm	1	5012095076162	61
EITW-1000	Ind.Torque Wrench 3/4" 300-1000Nm	1	5012095075561	61
EITW-1500	Ind.Torque Wrench 3/4" 700-1500Nm	1	5012095075578	61
EPITW34-1000	Prof Ind Tqe Wrench 3 4" 300-1000Nm	1	5012095076179	62
EPITW34-1500	Prof Ind Tqe Wrench 3 4" 500-1500Nm	1	5012095079187	62
EC-SS11M1/2U	11pcMet Socket Set 1/2"	1	9312791018685	62
E17220	Torque Multiplier 1300 1 2"-3 4"	1	5012095078685	64
E17221	Torque Multiplier 2700 3 4"-1"	1	5012095078692	64
E17022	HT4 Tq Multiplier 3000 1 2"-1"	1	5012095078715	64
E17021	HT4 Tq Multiplier 4500 1 2"-1"	1	5012095078708	64
Pliers		Pack Size		
PW21696/11	Engineer's Plier 160mm (6")	5	5012095970279	66
PW21697/11	Engineer's Plier 180mm (7")	5	5012095970286	66
PW21698/11	Engineer's Plier 200mm (8")	5	5012095970293	66
PW216910/11	Engineer's Plier 250mm (10")	5	5012095014539	66
PW5835/11	Long Nose Plier 140mm (5")	5	5012095970491	66
PW5836/11	Long Nose Plier 160mm (6")	5	5012095970484	66
PW10638/11	long Nose Plier 200mm (8")	5	5012095970514	66
PW7735/11	Diagonal Cutting Nipper 5 inch	5	5012095970347	66
PW7736/11	Diagonal Nipper 160mm (6")	5	5012095970354	66
PW7737/11	Diagonal Cutting Nipper 175mm (7")	5	5012095970361	66
PW7738/11	HD Dia. Cutting Nipper 200mm (8")	5	5012095045083	67
PW14537/11	Diagonal Cutting Nipper 180mm (7")	5	5012095014492	67
PW9637/11	Cutting Nipper 165mm(6 1/2")	5	5012095014621	67
PA15436/11	Snipe Nose Plier 160mm (6")	5	5012095014393	67
PA15438/11	Snipe Nose Plier 200mm (8")	5	5012095014409	67
PA14736/11	Round Nose Plier 160mm (6")	5	5012095014386	67
Specialist Pliers		Pack Size		
PB807/11	Carpenters' Pincers 180mm (7")	5	5012095970651	68
PA196810/11	Sable Croppers 250mm (10")	5	5012095970750	68
PA4069/11	Waterpump Pliers 250mm (10")	5	5012095970699	68
PA45410/11	Water Pump Pliers 250mm (10")	5	5012095048145	68
PA55510/11	10" Box Joint Water Pump Pliers	5	5012095067344	68
PA10148/11	Glass Pliers 200mm (8")	5	5012095970859	69
PA788/11	Gas Plier 200mm (8")	5	5012095970798	69
PW2166/11	Engineers' Plier Unsleeved 160mm(6")	5	5012095970217	69
PW21610/11	Engineers Plier Unsleeved 250mm(10")	5	5012095970248	69

PA18518/11	Auto Wire Strippers & Crimpers 8"	5	5012095970507	69
VDE Pliers & Cutters		Pack Size		
PWSF7746/11	VDE - SIDE CUTTER 6.1/2"	5	5012095025054	72
PWSF7747/11	VDE - SIDE CUTTER 7 1/2"	5	5012095078418	72
PWSF1978/11	VDE - CABLE CUTTERS 8 1/2"	5	5012095078449	72
PWSF9956/11	VDE - SIDE CUTTER/STPR 6 1/2"	5	5012095078425	72
PWSF9957/11	VDE - SIDE CUTTER/STRIPPER 7.5"	5	5012095078432	72
PWSF21647/11	VDE - Combination Plier 7"	5	5012095025047	72
PWSF21648/11	VDE - Combination Plier 8"	5	5012095011552	72
PWSF10648/11	VDE - Long Nose Pliers 8"	5	5012095025085	72
PWSF10748/11	VDE - Bent Long Nose Pliers 8"	5	5012095011507	73
PWSF19546/11	VDE - End Wire Stripper 6"	5	5012095025092	73
EAWS6	Automatic Wire Strippers	10	5012095079439	73
ECT-RBY	Ratchet Crimping Pliers, R/Y/B	6	5012095079064	73
VDE Specialist Hand Tools		Pack Size		
EVS1000	Eclipse Electricians Volt Sensor 80-1000v	10	5012095601074	74
3210R	Mains Tester 105x5mm Packaged	6	5013035020801	74
3200R	Mains Tester 70mm Packaged	6	5013035020795	74
TECHCASE	Technician's Tool Case	6	5013035043213	74
Punches		Pack Size		
351A	Round Head Centre Punch 3.2MM	10	5012095000570	76
351B	Round Head Centre Punch 4mm	10	5012095000594	76
351C	Round Head Centre Punch 4.8mm	10	5012095000617	76
351D	Round Head Centre Punch 6.35mm	10	5012095000631	76
351W	Round Head Centre Punch SET	1	5012095000655	76
161AA	Parallel Pin Punch	10	5012095000792	76
161A	Parallel Pin Punch	10	5012095000815	76
161B	Parallel Pin Punch	10	5012095241164	76
161CC	Parallel Pin Punch	10	5012095000839	76
161C	Parallel Pin Punch	10	5012095241171	76
161DD	Parallel Pin Punch	10	5012095000853	76
161D	Parallel Pin Punch	10	5012095000877	76
161E	Parallel Pin Punch	5	5012095000891	76
161FF	Parallel Pin Punch	5	5012095000914	76
161W	Parallel Pin Punch Set	1	5012095241188	76
E172	Automatic Marking Punch	1	5012095000938	76
65-171R	Automatic Centre Punch	10	5012095431459	76
9180	2.5mm Nail Driver	6	5013035021006	76
9185	4mm Nail Driver	6	5013035011007	76
Scrapers		Pack Size		
96A	Eng Soft Feel Scraper 3SQ	5	5012095001386	77
96B	Eng Soft Feel Scraper Flat	5	5012095001430	77
97B	Eng Soft Feel Scraper Flat	5	5012095001454	77
96C	Soft Feel Scraper Curved H/R	5	5012095004028	77
97C	Soft Feel Scraper Curved H/R	5	5012095004103	77
97D	ENG W/H Scraper Curved H/R	5	5012095004110	77
96	Eng. S/F Handled Scraper Set	1	5012095004011	77
97	Eng. S/F Handled Scraper Set	1	5012095004523	77
256	Erectors Scraper	5	5012095003076	77
257	Erectors Scraper	5	5012095003083	77
2584	Bearing Scraper	5	5012095004530	77
2586	Bearing Scraper	5	5012095003106	77
2588	Bearing Scraper	5	5012095003113	77
258	Bearing Scraper Set	1	5012095003090	77

Pin Vices And Chucks			Pack Size	
121	Pin Vice	10	5012095002376	77
122	Pin Vice	10	5012095002383	77
123	Pin Vice	10	5012095002390	77
124	Pin Vice	10	5012095002413	77
120	Pin Vice Set	1	5012095002369	77
160	Pin Chuck 65mm (2 9/16")	1	5012095002796	77
RP621HRD	0.25 - 0.75 Collet for 160	1	5012095048220	77
RP622MRD	0.75 - 1.5 Collet for 160	1	5012095048237	77
RP623FRD	1.5 - 2.5 Collet for 160	1	5012095048244	77
Nutspinners			Pack Size	
7800	SG ECL Nutspinner 0 BA Uncarded	6	5013035037410	78
7801	SG ECL Nutspinner 1BA Uncarded	6	5013035037427	78
7802	SG ECL Nutspinner 2BA Uncarded	6	5013035037434	78
7803	SG ECL Nutspinner 3BA Uncarded	6	5013035037441	78
7804	SG ECL Nutspinner 4BA Uncarded	6	5013035037458	78
7806	SG ECL Nutspineer 6BA Uncarded	6	5013035037472	78
7840	SG ECL Nutspinner 4mm Uncarded	6	5013035037496	78
7850	SG ECL Nutspinner 5mm Uncarded	6	5013035037519	78
7855	SG ECL Nutspinner 5.5mm Uncarded	6	5013035037526	78
7860	SG ECL Nutspinner 6 MM Uncarded+B103	6	5013035037533	78
7870	SG ECL Nutspinner 7MM Uncarded	6	5013035037571	78
7880	SG Ecl Nutspinner 8mm Uncarded	6	5013035037588	78
7810	SG ECL Nutspinner 10mm Uncarded	6	5013035037601	78
7830	Flex Shaft Nutspinner 7MM (9/32")AF	6	5013035037564	78
5490	Ecl Int/Change Handle Nutspinner Set	1	5013035021471	78
Scribers			Pack Size	
76-229R	Handy Scriber	5	5012095428756	79
E222	Double Ended Scriber	10	5012095241157	79
E220	Pocket Scriber	10	5012095001027	79
E225	Pocket Scriber	10	5012095001034	79
22005	Point for Pocket Scriber	10	5012095001041	79
22502	T.C. Point for Pocket Scriber	5	5012095001058	79
E227	Machinists Scriber	10	5012095001065	79
Jewellers' Screwdrivers, Boring Bars & Tool Bits			Pack Size	
7771	Jewellers Screwdriver Set	1	5012095001362	80
7772	Jewellers Screwdriver Set	1	5012095001379	80
TK105B/10	Boring Bar 3/16 X 4.1/2	10	5012095002185	80
TK146C/10	Boring Bar 1/4 X 5	10	5012095002192	80
TK188P/10	Boring Bar 5/16 X 6	5	5012095002208	80
TK230J/10	Boring Bar 3/8 X 7	25	5012095002215	80
TD109R/10	H5 Toolbit 1/4" SQ X 3"	10	5012095002079	80
TD111M/10	H5 Toolbit 1/4" SQ X 4"	10	5012095002086	80
TD149M/10	H5 Toolbit 5/16" SQ X 3"	10	5012095002093	80
TD151N/10	H5 Toolbit 5/16" SQ X 4"	10	5012095004301	80
TD189N/10	H5 Toolbit 3/8" SQ X 3"	10	5012095002109	80
TD191W/10	H5 Toolbit 3/8" SQ X 4"	10	5012095002116	80
TD195C/10	H5 Toolbit 3 8" SQ X 6"	10	5012095609964	80
TD271F/10	H5 Toolbit 1/2" SQ X 4"	5	5012095002123	80
TD275B/10	H5 Toolbit 1/2" SQ X 6"	5	5012095004318	80
TD311E/10	H5 Toolbit 5/8" SQ X 4"	5	5012095004325	80
TD315M/10	H5 Toolbit 5/8" SQ X 6"	5	5012095004332	80
TD351R/10	H5 Toolbit 3 4" SQ X 4"	5	5012095002130	80
TD355N/10	H5 Toolbit 3/4" SQ X 6"	5	5012095004349	80

524SL	Toolbit Holder 5 - 7mm ($\frac{3}{16}$ - $\frac{1}{4}$ "	1	5012095004448	80
534SL	Toolbit Holder 8 - 10mm ($\frac{5}{16}$ - $\frac{3}{8}$ "	1	5012095004455	80
544SL	Toolbit Holder 10 - 12.7mm ($\frac{3}{8}$ - $\frac{1}{2}$ "	1	5012095004462	80
523S	Toolbit Holder 5 - 7mm ($\frac{3}{16}$ - $\frac{1}{4}$ "	1	5012095003663	80
533S	Toolbit Holder 8 - 10mm ($\frac{5}{16}$ - $\frac{3}{8}$ "	1	5012095003717	80
Cutting Off & Lathe Tools		Pack Size		
TH325M/10	Bevel 1/2 x 3/32 x 4.1/2	10	5012095002154	81
TH466F/10	Bevel 5/8 x 3/32 x 5	10	5012095002161	81
TH628V/10	Bevel 3/4 x 1/8 x 6	10	5012095004356	81
TH750R/10	Bevel 7/8 x 1/8 x 7	10	5012095004363	81
TH912T/10	Bevel 1 x 3/16 x 8	10	5012095004370	81
E420/10	Lathe Tool Set	1	5012095001942	81
E430/10	Lathe Tool Set	1	5012095001959	81
Tap Wrenches And Accessories		Pack Size		
33	Trammel Heads - Pairs	1	5012095003267	82
E141	Tap Wrench - Chuck Type	1	5012095004240	82
E142	Tap Wrench - Chuck Type	1	5012095001706	82
E143	Tap Wrench - Chuck Type	1	5012095001713	82
E145	Tap Wrench - Long Reach	1	5012095001720	82
E146	Tap Wrench - Long Reach	1	5012095001737	82
E240	Tap Wrench - BAR TYPE	1	5012095001843	82
E241	Tap Wrench - BAR TYPE	1	5012095001850	82
E242	Tap Wrench - BAR TYPE	1	5012095001867	82
410	Toolmakers Clamp	1	5012095003458	82
411	Toolmakers Clamp	1	5012095003465	82
412	Toolmakers Clamp	1	5012095003472	82
413	Toolmakers Clamp	1	5012095004257	82
Cold Chisels		Pack Size		
CB24A/07	Flat Chisel 4" x 1/4"	10	5012095972358	84
CB28G/07	Flat Chisel 6" x 1/4"	10	5012095008064	84
CB46T/07	Flat Chisel 5" x 3/8"	10	5012095008057	84
CB48E/07	Flat Chisel 6" x 3/8"	10	5012095008071	84
CB68V/07	Flat Chisel 6" x 1/2"	10	5012095972402	84
CB70H/07	Flat Chisel 8" x 1/2"	10	5012095972495	84
CB72F/07	Flat Chisel 10" x 1/2"	10	5012095008101	84
CB73N/07	Flat Chisel 12" x 1/2"	10	5012095008125	84
CB88R/07	Flat Chisel 6" x 5/8"	10	5012095009399	84
CB89H/07	Flat Chisel 7" x 5/8"	10	5012095008088	84
CB90M/07	Flat Chisel 8" x 5/8"	10	5012095001508	84
CB92N/07	Flat Chisel 10" x 5/8"	10	5012095008118	84
CB108D/07	Flat Chisel 6" x 3/4"	10	5012095001478	84
CB110T/07	Flat Chisel 8" x 3/4"	10	5012095000105	84
CB111G/07	Flat Chisel 9" x 3/4"	10	5012095008095	84
CB112E/07	Flat Chisel 10" x 3/4"	10	5012095972501	84
CB113V/07	Flat Chisel 12" x 3/4"	10	5012095008132	84
CB116M/07	Flat Chisel 18" x 3/4"	5	5012095008149	84
CB150E/07	Flat Chisel 8" x 1"	5	5012095001485	84
CB151V/07	Flat Chisel 9" x 1"	5	5012095001492	84
CB152R/07	Flat Chisel 10" x 1"	5	5012095000082	84
CB153H/07	Flat Chisel 12" x 1"	5	5012095000099	84
CB156N/07	Flat Chisel 18" x 1"	5	5012095008156	84
CB292R/07	Concrete Point Chisel 10" x 5/8"	10	5012095009429	84
CB313P/07	Concrete Point Chisel 12" x 3/4"	10	5012095009436	84
CB353G/07	Concrete Point Chisel 12" x 1"	5	5012095009542	84

CB827V/07	Plug Chisel 10" x 5/8"	5	5012095972600	84
Bolsters & Wrecking Bars		Pack Size		
CB730K/07	Brick Bolster 9" x 3/4" x 3"	5	5012095972792	85
CB740K/07	Brick Bolster 9" x 1" x 4"	5	5012095972808	85
100V/07	Brick Bolster 9" x 1" x 4"	5	5012095009535	85
CB770K/07	Floorboard Chisel	5	5012095972709	85
22-208R/07	Guarded Flat Chisel 8" x 3/4"	5	5012095195825	85
22-210R/07	Guarded Flat Chisel 10" x 1"	5	5012095197621	85
22-639R/07	3" Guarded Brick Cut Chisel	5	5012095203520	85
22-649R/07	4" Guarded Brick Cut Chisel	5	5012095203537	85
22-509R/07	Guarded Floorboard Chisel	5	5012095204428	85
RIPPA14	14" Rippa Bar	5	5012095066163	85
RIPPA18	18" Rippa Bar	5	5012095066170	85
RIPPA24	24" Rippa Bar	5	5012095066187	85
RIPPA30	30" Rippa Bar	4	5012095066194	85
RIPPA36	36" Rippa Bar	4	5012095066200	85
RIPPA3PS	3pc Rippa Bar set	4	5012095058571	85
Wood Chisels		Pack Size		
BEWC1/4E	1/4"Eclipse bevel Edge Wood Chisel	5	5013035041868	86
BEWC3/8E	3/8"Eclipse bevel Edge Wood Chisel	5	5013035041851	86
BEWC1/2E	1/2"Eclipse Bevel Edge Wood Chisel	5	5013035041899	86
BEWC5/8E	5/8"Eclipse Bevel Edge Wood Chisel	5	5013035041875	86
BEWC3/4E	3/4"Eclipse Bevel Edge Wood Chisel	5	5013035041882	86
BEWC1E	1"Eclipse Bevel Edge Wood Chisel	5	5013035041905	86
BEWC11/4E	1.1/4"eclipse Bevel Edge Wood Chisel	5	5013035041912	86
BEWC11/2E	1.1/2"eclipse Bevel Edge Wood Chisel	5	5013035041929	86
BEWC2E	2"eclipse Bevel Edge Wood Chisel	5	5013035041936	86
BEWC3BCE	Ecl. 3pc chis set (1/2",3/4",1")BLCD	5	5013035042155	86
BEWC4BCE	Ecl. 4pc chis set(1/4,1/2,3/4,1)BLCD	5	5013035042162	86
BEWC6BCE	E c/set BC 1/4,3/8,1/2,3/4,1",1.1/4"	5	5013035042186	86
BEWC3PSE	Ecl. 3pc chis set (1/2",3/4",1") wallet	5	5013035041943	86
BEWC6PSE	ecl 6pc set1/4,3/8,1/2,3/4,1",1.1/4"	5	5013035041950	86
Eclipse Tape Measures		Pack Size		
E30430	Eclipse Tape Soft Feel 3m	12	5013035042452	87
E30435	Eclipse Tape Soft Feel 5m	12	5013035042469	87
E30440	Eclipse Tape Soft Feel 8m	6	5013035042476	87
E30430M	Eclipse Tape Metric SF 3m	12	5013035042933	87
E30435M	Eclipse Tape Metric SF 5m	12	5013035042940	87
E30440M	Eclipse Tape Metric SF 8m	6	5013035042957	87
Utility Knives and Blades		Pack Size		
E1770	Std Retract Utility Knife - Eclipse	12	5013035042483	87
E1780	HD Retract Utility Knife - Eclipse	8	5013035042490	87
1702BP	100 Pack Straight Utility Blades	100	5013035041363	87
1702R	10 Pack of Straight Utility Blades	10	5013035041370	87
1603BPC	100 HOOKED BLADES cellophaned in 5s	100	5012095607885	87

Conditions of Sale (For orders within the United Kingdom and Overseas)

In these conditions 'The Seller' means Neill Tools Limited being the Company by whom these goods are sold.

1. GENERAL

(a) The Seller's quotations are not binding on the Seller and a contract ('the contract') will only come into being: (i) in the case of orders to be delivered within the United Kingdom, upon acceptance by the Seller of the Customer's order; or (ii) in the case of orders to be delivered outside the United Kingdom, upon whichever shall be the later of acceptance in writing by the Seller of the Customer's order or notification to the Seller that any letter of Credit (which the Seller may have requested prior to written acceptance of the order) has been opened and that any necessary export or import licence or exchange permit has been granted and the following conditions shall be deemed to be incorporated therein. (b) The Contract will be subject to these conditions. All terms and conditions appearing or referred to in the Customer's order or otherwise stipulated by the Customer shall have no effect. Any variation of the contract must be confirmed in writing by the Seller.

2. PRICES

(a) Where the goods are sold by reference to the Seller's published price list the price payable for the goods shall be the ruling price as published in the price list current at the date of despatch of the goods from the Seller's premises (in the case of orders to be delivered within the United Kingdom) or in the price list current at the date of written acknowledgment of the Customer's order by the Seller (in the case of orders to be delivered outside the United Kingdom). (b) In other cases the price stated in the contract is based on the cost to the Seller of raw materials, fuel and power, transport and labour and all other costs at the date of acceptance of the order or quotation (whichever is earlier). If at the date of despatch of the goods from the Seller's premises there has been any increase in all or any of such costs the price payable for (the goods may at the request of the Seller be increased accordingly. (c) Where the price for the goods is varied in accordance with this condition the price as varied shall be binding on both parties and shall not give either party any option of cancellation. (d) Unless specifically agreed otherwise there shall be added to the price for the goods any value added tax and any other tax or duty relating to the manufacture, transportation, export, import sale or delivery of the goods (whether initially charged on or payable by the Seller to the Customer). The price for the goods includes delivery to the Customer's works or in the case of orders from outside the United Kingdom the price includes delivery F.O.B. UK port. Where expedited delivery is required by the Customer, the extra cost for the expedition of the delivery shall be borne by the Customer and added to the price for the goods. (e) Quotations in a currency other than Sterling are based on the rate of exchange fixed by the Seller at the time of acknowledging in writing the Customer's order and unless otherwise stated the price may be subject to revision by the Seller up or down if any different rate of exchange is ruling at the date of invoice

3. TERMS OF PAYMENT

Prices quoted are net and are in Sterling unless otherwise agreed Subject to credit being approved accounts are due for payment not later than the end of the month following the month of invoice otherwise payment must be received by the Seller before delivery. When deliveries are spread over a period each consignment will be invoiced as dispatched and each month's invoices will be treated as a separate account and be payable accordingly. Failure to pay for any goods or for any delivery or instalment shall entitle the Seller to suspend further deliveries and work both on the same order and on any other order from the Customer without prejudice to any other right the Seller may have. The Seller also reserves the right to charge interest on overdue accounts at the rate of 2% per month. The Seller reserves the right where genuine doubts arise as to a Customer's financial position or in the case of failure to pay for any goods or any delivery or instalment as aforesaid to suspend delivery of any order or any part or instalment without liability until payment or satisfactory security for payment has been provided. Where goods are to be delivered outside the United Kingdom payment must be made against delivery of the goods or shipping documents F.O.B. UK Port unless credit arrangements within the United Kingdom approved by the Seller have been made.

4. TITLE TO GOODS

(a) Legal and beneficial ownership of goods shall remain with the Seller until payment in full has been received by the Seller. (i) for those goods (ii) for any other goods supplied by the Seller (iii) of any other monies due from the Customer to the Seller on any account. (b) Until property in the goods passes to the Customer under paragraph (a) above the Customer Shall: (i) be bailee of the goods (ii) keep the goods separately and readily identifiable as the property of the Seller (c) (i) Notwithstanding paragraph (a) above the Customer may (as between it and its customer only) as principal in the ordinary course of its business sell the goods by bonafide sale at full market value or in the ordinary course of its business use the goods. (ii) Goods shall be deemed sold or used in the order delivered to the Customer. (iii) Without prejudice to (c)(ii) above, any resale by the Customer of goods in which property has not passed to the customer shall (as between the Seller and the Customer) be made by the Customer as agent for the Seller. (d) (i) If goods in which property has not passed to the Customer are mixed with or incorporated into other goods the property in those other goods shall be held on trust by the Customer for the Seller to the full extent of the sums recoverable by the Seller under paragraph (a) above. (ii) The proceeds of sale of any goods and any other goods referred to in paragraph (d)(i) above shall be held by the Customer in trust for the Seller to the extent of all sums recoverable by the Seller under paragraph (a) above. (iii) The Customer shall keep any proceeds of sale as referred to in paragraph (d) (ii) above in a separate account and the Seller shall have the right to trace such proceeds. (iv) Upon accounting to the Seller for the entire proceeds of sales made under paragraphs (c)(iii) and (d)(i) above the Customer will pay to the Seller a commission equivalent to the difference between the sums owed to the Seller and the value of such proceeds. (e) The Customer assigns to the Seller all rights and claims the Customer may have against its own customers and others in respect of goods specified in paragraphs (c) (ii) and (d)(i) above. (f) At any time prior to property in goods passing to the Customer (whether or not any payment to the Seller is then overdue or the Customer's otherwise in breach of any obligation to the Seller) the Seller may without prejudice or any other of its rights: (i) retake possession of all or any part of the goods and enter any premises for that purpose (or authorise others to do so) which the Customer hereby authorises (ii) require delivery up to it of all or any part of the goods (iii) terminate the Customer's authority to resell or use the goods forthwith by written notice to the Customer which authority shall automatically terminate (without notice) upon any insolvency of the Customer or it going into liquidation (as defined in the insolvency Act 1986) or it having a receiver or administrative receiver appointed or it becoming subject to an administration order or calling a meeting of its creditors or any execution or distress being levied on goods in its possession. (g) The Seller may at any time appropriate sums received from the Customer as it thinks fit notwithstanding any purported appropriation of the Customer. (h) Each paragraph and sub-paragraph of this clause is separate severable and distinct.

5. WARRANTY - LIMIT OF RESPONSIBILITY;

(a) The Seller warrants that it will (at the Seller's choice) either repair or replace or refund the full purchase price of any goods which are found in relation to the supply of goods within a period of 12 months from despatch of such goods from the Seller's premises (the warranty period) to be defective or not in accordance with the contract or any express description or representation given or made by or on behalf of the Seller in respect of the goods save that this warranty shall not apply where the defect or fault is attributable to defective materials supplied by third parties where the Customer's only remedy will be against that third party. The Customer's remedies in respect of any claim under the foregoing express warranty or any condition or warranty implied by law or any other claim in respect of the goods or any workmanship in relation thereto (whether or not involving negligence on the part of the Seller) shall in all cases be limited to repair, replacement or refund of the purchase price as aforesaid and any condition or warranty implied by law shall cease to apply after the expiry of the warranty period; and the Seller shall not in any circumstances be liable for any damages, compensation, costs, expenses, losses or other liabilities, whether direct or consequential, and any other remedy which would otherwise be available in law is hereby excluded except to the extent that such exclusion is prohibited by any rule of law. A claim in respect of any defect or failure to comply with the specification or in respect of any delivery or instalment of any order or any part

thereof shall not entitle the Customer to cancel or refuse delivery of or payment for any other order, delivery or instalment or any part of the same order, delivery or instalment. (b) Any guarantee or warranty expressly given to the end-user of any product made by the Seller is expressly excluded from these conditions and shall not be for the benefit of the Customer.

6. DELIVERY AND COMPLETION DATES

(a) The delivery dates specified in the contract are approximate only and unless otherwise expressly stated, time is not of the essence for delivery. The Seller will not be liable in any circumstances for the consequences of any delay in delivery or failure to deliver. (b) No delay shall entitle the Customer to reject any delivery or any further instalment or part of the order or any other order from the Customer or to repudiate the contract or the order.

7. DAMAGE - SHORTAGE OR LOSS IN TRANSIT

(a) In the case of sales to Customers within the United Kingdom risk in the goods passes on despatch from the Seller's works and the Seller accepts no responsibility for any damage or loss in transit. Where relevant claims for damage or loss in transit should be made on any carrier employed by the Seller and any conditions imposed by such carrier in relation to claims for damage or loss in transit should be complied with. (b) In the case of sales to Customers outside the United Kingdom risk passes at the point specified in the contract and the Seller will entertain a claim by the Customer in respect of loss or damage in transit only if the Customer: (i) gives written notice to the Seller within 21 days of non-delivery or within 7 days of the delivery in any other case and; (ii) where the goods are transported by an independent freight carrier, complies in all respects with the freight carrier's conditions of carriage for notifying claims for loss or damage in transit.

8. DELAYED ACCEPTANCE

If for any reason the Customer is unable to accept delivery of the goods when the goods are due and ready for delivery the Seller may arrange storage of the goods at the Customer's risk and the Customer shall be liable to the Seller for the, reasonable costs (including insurance) of such storage. This provision is without prejudice to any other right which the Seller may have in respect of the Customer's failure to take delivery of the goods or pay for them in accordance with the contract.

9. TERMINATION

If the Customer enters into a deed or arrangement or commits an act of bankruptcy or compounds with his creditors or if a receiving order is made against him or (being a company) it shall pass a resolution or the Court shall make an order that the Customer shall be wound up (otherwise than for the purposes of amalgamation or reconstruction) or shall become subject to an administration order or if a receiver (including an administrative receiver) shall be appointed of any of the assets or undertaking of the Customer or if circumstances shall arise which entitle the Court or a Creditor to appoint a receiver (including an administrative receiver) or a manager or which entitle the Court to make a winding up order or if the Customer takes or suffers any similar action in consequence of debt or if the financial responsibility of the Customer shall in the opinion of the Seller become impaired or if the Customer shall commit any breach of any part of the contract the Seller may without prejudice to its rights and remedies hereunder stop all goods in transit and suspend further deliveries and by notice in writing to the Customer may forthwith terminate the contract.

10. TOLERANCES AND TESTS

Unless otherwise specifically agreed all tests, test pieces and inspections whatsoever required by the Customer will be charged extra. All tests and inspections (whether or not being tests of chemical composition) shall take place under the Seller's standard testing arrangements, and such tests shall be final. All tests are subject to analytical tolerances.

11. PATENTS

The Customer shall indemnify the Seller against all actions, costs (including the cost of defending any legal proceedings) claims, proceedings, accounts & damages in respect of any infringement of alleged infringement of any patent, registered

design, unregistered design, design right, copyright, trademark or other industrial or intellectual property rights resulting from compliance by the Seller with the Customer's instructions, whether express or implied.

12. INDEMNITY

The Customer agrees upon demand to indemnify the Seller against all losses, damages, injury, costs and expenses of whatever nature suffered by the Seller to the extent that the same are caused by or related to (i) designs, drawings or specifications given to the Seller by the Customer in respect of goods produced by the Seller for the Customer; or (ii) defective materials or products supplied by the Customer to the Seller and incorporated by the Seller in goods produced by the Seller for the Customer; or (iii) the improper incorporation assembly, use, processing, storage or handling of goods by the Customer.

13. NON-STANDARD ORDERS

Where the Customer orders goods or materials of a type, size or quality not normally produced by the Seller will use all reasonable endeavours to execute the order, but if it proves impossible, impracticable or uneconomical to carry out or complete the order, the Seller reserves the right to cancel the contract or the uncompleted balance thereof in which event the Customer will only be liable to pay for the part thereof actually delivered.

14. PATTERNS, DIES, TOOLS, DRAWINGS & EQUIPMENT

(a) Where the Customer supplies patterns, dies, tools, drawings or equipment the Seller shall be entitled to assume that the same are in good condition, true to drawing and entirely suitable to the Seller's methods of production, and for the production of the goods ordered in the quantities required. (b) While the Seller uses all reasonable endeavours to verify patterns, dies, tools, drawings and equipment supplied by the Customer no responsibility is accepted by the Seller for their accuracy. (c) All replacements, alterations and repairs to the Customer's patterns, dies, tools, drawing and equipment shall be paid for by the Customer. (d) Where the patterns, dies, tools, drawings and equipment are not supplied by the Customer only those which are specially made by the Seller and separately charged to the Customer in full shall, when paid for by the Customer become the property of the Customer. (e) Carriage on patterns, dies, tools and equipment supplied by the Customer will be paid by the Seller in one direction only. (f) The Seller will take all reasonable care of the Customer's patterns, dies, tools, drawings and equipment while in the Seller's possession but does not accept liability for loss or damage thereto, howsoever arising, except where neglect on the part of the Seller or its agents was the direct cause of loss or damage and in those circumstances the Seller's liability shall be limited to the actual cost of replacement or repair to the exclusion of all other expenses, consequential losses, loss of profits and other expenses, liabilities and losses howsoever arising. (g) The Seller reserves the right to destroy or otherwise dispose of patterns, dies, tools, drawings and equipment in its possession of custody (whether or not the property of the Customer) from which the Customer has not required goods to be made for a period of 12 months or more in the case of patterns and three years or more in all other cases.

15. PACKING

The Seller uses its best endeavours to ensure, where necessary suitability of packing before despatch but no claim will be accepted by the Seller for breakage or damage in transit on the ground of alleged unsuitability for packing.

16. SUB-CONTRACTING

The Seller shall be entitled to sub-contract any work relating to the contract without obtaining the consent of, or giving notice to, the customer.

17. APPLICABLE LAW

The contract shall in all respects be governed by and construed in accordance with English Law and the Customer hereby submits to the non-exclusive jurisdiction of the English Courts.



CELEBRATING
OVER
100
YEARS
OF EXPERIENCE

CONTACT
US!

Global Customer Service Centre

Neill Tools Ltd,
A Spear & Jackson Group Company
Atlas Way, Atlas North,
Sheffield
S4 7QQ, England

Tel: +44 (0)1142 814242

Fax: +44 (0)1142 814252

Email: sales@eclipse-tools.com (Non-UK Markets)

Email: sales@spear-and-jackson.com (UK)

www.eclipse-tools.co.uk



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This does not affect your statutory rights.