ECLIPSE
PROFESSIONAL TOOLS

Metal Cutting



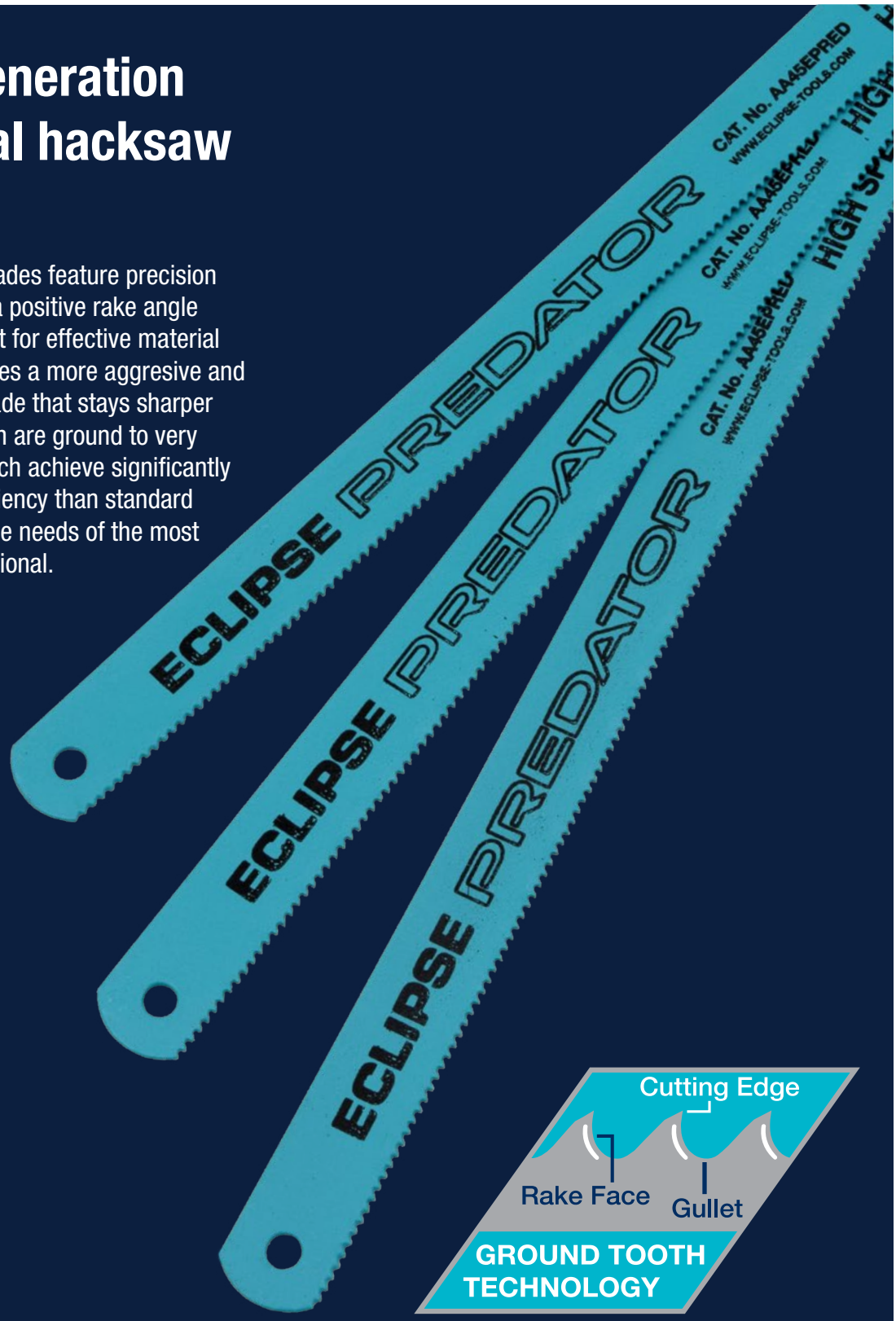
THE TOOLS **TO TRUST**

ECLIPSE PROFESSIONAL TOOLS
QUALITY GUARANTEE
ISO9001: 2015
QUALITY ASSURED

ECLIPSE PREDATOR™

A new generation of bimetal hacksaw blades

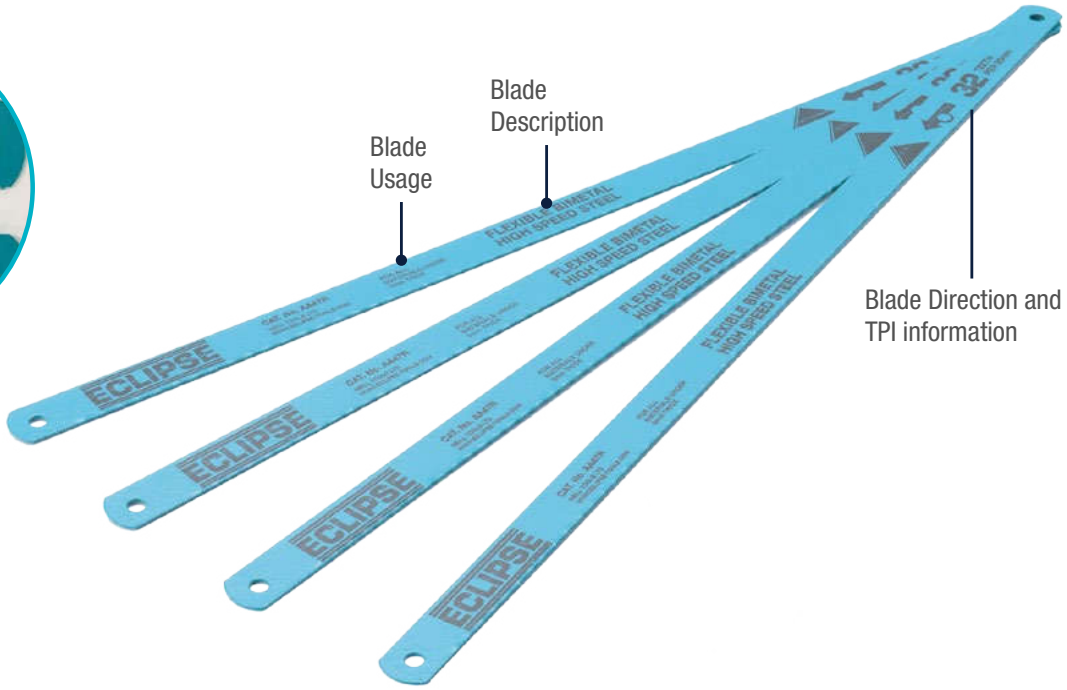
Eclipse Predator blades feature precision ground teeth with a positive rake angle and a smooth gullet for effective material removal. This creates a more aggresive and faster cut and a blade that stays sharper for longer. The teeth are ground to very fine tolerances which achieve significantly higher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



Metal Cutting
Predator Hand Hacksaw Blades



Laser Etch technology for anti-counterfeit security



STATE OF THE ART MANUFACTURING

Eclipse hacksaw blades and small saw blades are manufactured at our own state of the art factory. Continuous innovation and investment ensures the best cutting performance across all our Bimetal and All Hard hacksaw blades and small saw blades i.e. Junior Blades.

We can offer you:

- High quality hacksaw blades and small saw blades with your brand name in 20,000 min production run.
- Quick and efficient service
- Security laser-etching to protect your product from counterfeiting
- Top quality products, guaranteed NEVER BEATEN ON PRICE

You can take a closer look at our manufacturing capabilities on our Youtube channels:

Manufacturing video:
https://bit.ly/37AcDsf

Testing video:
https://bit.ly/326Aten





Tests show that our Eclipse Bimetal hacksaw blades are quicker through the first cut than competitor blades and have a longer life.

Test criteria

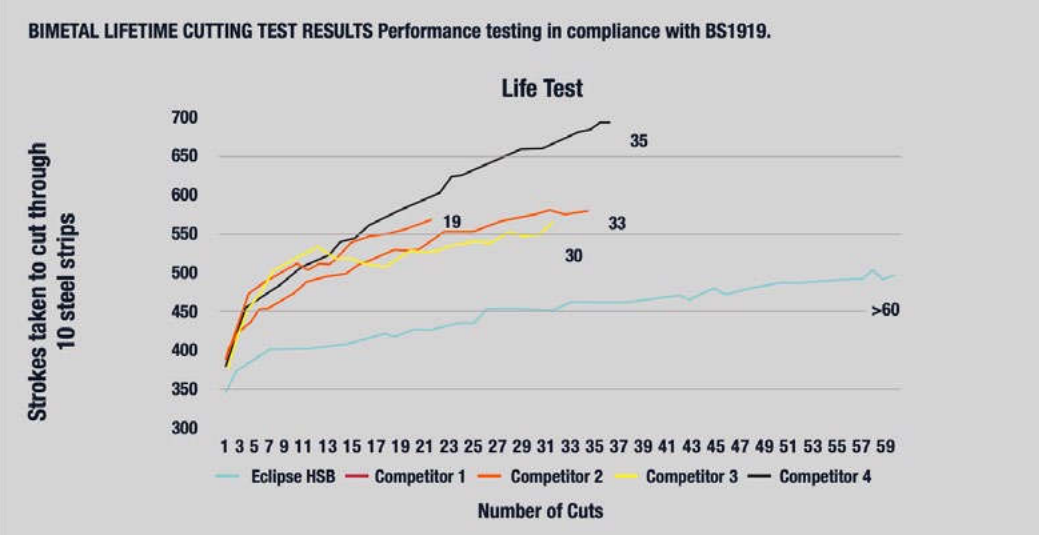
- Tested in accordance with BS1919 for High Speed Steel (HSS) Bimetal hand hacksaw blades
- Tests were carried out on a calibrated power hacksaw machine at 70 strokes per minute
- Test material used was cold rolled stainless steel strip 25mm x 2.6mm, in accordance with recognised industry standards

Products tested

- Eclipse Bimetal blade 18TPI
- Competitor Bimetal blade 18TPI

Eclipse Predator
Bimetal blade
is significantly quicker through the first cut than competitor blade





Eclipse Predator
Bimetal blade
has a significantly longer life than competitor blade

Metal Cutting
Predator Hand Hacksaw Blades

Market leading professional quality hand hacksaw blades, with bimetal 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.

- Manufactured from M2 high speed steel
- Faster cut than standard bimetal Hacksaw Blades
- Sharper first cut
- Longer Life



Part No.	Blade Size (mm)	Teeth per 25mm	Blades in Pack	Box Qty
EC-AA45EPRED	300 x 12.5 x 0.63	18	100	1
EC-AA46VPRED	300 x 12.5 x 0.63	24	100	1
EC-AA47RPRED	300 x 12.5 x 0.63	32	100	1

Predator Flexible Bimetal HSS Blades Retail Pack

Part No.	Blade Size (mm)	Teeth per 25mm	Blades in Pack	Box Qty
EC-71-418RPRED	300 x 12.5 x 0.63	18	2	10
EC-71-424RPRED	300 x 12.5 x 0.63	24	2	10
EC-71-432RPRED	300 x 12.5 x 0.63	32	2	10
EC-71-418R5PRED	300 x 12.5 x 0.63	18	5	10
EC-71-424R5PRED	300 x 12.5 x 0.63	24	5	10
EC-71-432R5PRED	300 x 12.5 x 0.63	32	5	10
EC-71-624RPRED	300 x 12.5 x 0.63	18, 24, 32	3	10

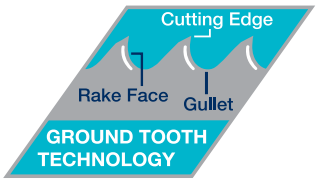


Packaging Options

Our Hacksaw Blades are available in traditional cardboard boxes (100), they are also available in 2 & 5 blade retail packs featuring plastic hangers with euroslots.



ECLIPSE PREDATOR™



All Hard blades for highly accurate cutting and long life...

Predator All Hard HSB

Eclipse Predator All Hard 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. Manufactured entirely from M2 High Speed Steel, each blade is precisely hardened throughout its entire width to give a strong, rigid back ensuring a perfectly straight cut every time.

- M2 High Speed Steel Blade
- Hardened blade for a straight cut
- Faster cut than standard All Hard Hacksaw Blades



Part No.	Blade Size (mm)	Teeth per 25mm	Blades in Pack	Box Qty
EC-AE45BPRED	300 x 12.5 x 0.63	18	100	1
EC-AE46XPRED	300 x 12.5 x 0.63	24	100	1
EC-AE47KPRED	300 x 12.5 x 0.63	32	100	1

Predator All Hard HSB Blades Retail Pack

Part No.	Blade Size (mm)	Teeth per 25mm	Blades in Pack	Box Qty
EC-71-518RPRED	300 x 12.5 x 0.63	18	2	10
EC-71-524RPRED	300 x 12.5 x 0.63	24	2	10
EC-71-532RPRED	300 x 12.5 x 0.63	32	2	10
EC-71-518R5PRED	300 x 12.5 x 0.63	18	5	10
EC-71-524R5PRED	300 x 12.5 x 0.63	24	5	10
EC-71-532R5PRED	300 x 12.5 x 0.63	32	5	10



Packaging Options

Our Hacksaw Blades are available in traditional cardboard boxes (100), they are also available in 2 & 5 blade retail packs featuring plastic hangers with euroslots.



Metal Cutting
Hand Hacksaw Blades

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

Flexible Shatterproof HSS

A virtually unbreakable, edge hardened blade that offers flexiblity and safety but less wear resistance than a All Hard or BiMetal blade.

- • Shatterproof Blade
- • Long Life



Part No.	Blade Size (mm)	Blade Size (")	Teeth per 25mm	Pack Size	Box Qty
EC-AS45A	300 x 12.5 x 0.63	12 x ½ x 0.025	18	100	1
EC-AS46D	300 x 12.5 x 0.63	12 x ½ x 0.025	24	100	1
EC-AS47P	300 x 12.5 x 0.63	12 x ½ x 0.025	32	100	1

Flexible Shatterproof Blades Retail Pack

Part No.	Blade Size (mm)	Teeth per 25mm	Blades in Pack	Box Qty
EC-71-318R	300 x 12.5 x 0.63	18	2	10
EC-71-324R	300 x 12.5 x 0.63	24	2	10
EC-71-332R	300 x 12.5 x 0.63	32	2	10
EC-71-318R5	300 x 12.5 x 0.63	18	5	10
EC-71-324R5	300 x 12.5 x 0.63	24	5	10
EC-71-332R5	300 x 12.5 x 0.63	32	5	10



Packaging Options

Our Hacksaw Blades are available in traditional cardboard boxes (100), they are also available in 2 & 5 blade retail packs featuring plastic hangers with euroslots.



High quality flexible silicon hand hacksaw blades specifically for DIY applications...

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)	Teeth per 25mm	Blades in Pack	Box Qty
EC-AM45W	300 x 12.5 x 0.63	18	100	1
EC-AM46B	300 x 12.5 x 0.63	24	100	1
EC-AM47X	300 x 12.5 x 0.63	32	100	1

Blade Merchandiser

Part No.	Width (mm)	Height (mm)
EC-HS9MERCH	190	460 (when populated)
EC-HS9CARD	190	150

Packaging Options

Blade Merchandiser with header card available to retail our Hacksaw Blades.



Hand Blade Tooth Pitch Selection

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

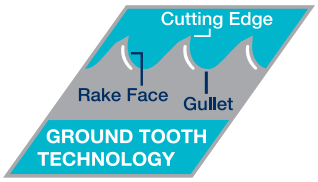
How thick is the material to be cut?

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	<3	3	6	10	13
Magnesium Aluminium Free Machining Low Carbon Steels		32	24	18	14	
Brass, Copper, Carbon Steels, Low and Medium Carbon Structural Steels		32	24	18	14	
High Carbon Steels, Bronze, Tool Steels, Die Steel, Alloy Steels, Stainless Steels, Copper Alloys Malleable Cast Iron, Titanium Alloys, High Temperature Alloys (Inconel, Nimonic, Hastelloy, Incolony), Nickol Alloys (Monel, Duranickel)		32	24	24	18	18



Metal Cutting
Hand Hacksaw Blades

Creating your own brand
Hacksaw and Small Saw Blades

EMAIL OUR CUSTOMER SERVICE TEAM TO FIND OUT MORE







High quality hacksaw blades and small saw blades with your brand name

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Metal Cutting
Power Hacksaw Blades

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 Blades

Part No.	Blade Size (mm)	Teeth per 25mm	PIN dia. (mm)	Pack Size
EC-AE203V	300 x 25 x 1.25	10	8.2	10
EC-AE204R	300 x 25 x 1.25	14	8.2	10
EC-AE224H	350 x 25 x 1.25	14	8.2	10
EC-AE342E	350 x 32 x 1.60	6	8.2	10
EC-AE343V	350 x 32 x 1.60	10	8.2	10
EC-AE452W	350 x 38 x 2.00	6	8.2	10
EC-AE353K	400 x 32 x 1.60	10	8.2	10
EC-AE263M	425 x 25 x 1.25	10	8.2	50
EC-AE362V	425 x 25 x 1.25	6	8.2	50
EC-AE373C	450 x 32 x 1.60	10	10.2	10
EC-AE512M	450 x 45 x 2.25	6	10.2	10
EC-AE542D	525 x 45 x 2.25	6	10.2	10
EC-AE642J	600 x 50 x 2.50	6	12.5	10

Power Blade Tooth Pitch Cutting Speed Selection Guide

Workpiece Material	Speed Strokes/Min	mm / inch	<13 <1/2	<13 <1/2	25 1	50 2	75 3	100 4	125 5
Magnesium	140-160		14						
Aluminium	100-160			10					
				6					
Free Machining Low Carbon Steel	140-160				4				
Brass	120-150		14						
Copper	90-120			10					
Mild Steel	110-150				6				
Low & Medium Carbon Steels	90-160								
Structural Steels	100-125					4			
High Carbon Steels	50-100		14						
Bronze	100-120								
Tool Steels	60-80			10					
Die Steels	50-75								
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		6				
Nickel Alloys (Monel, Duranickel)	30-60					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.



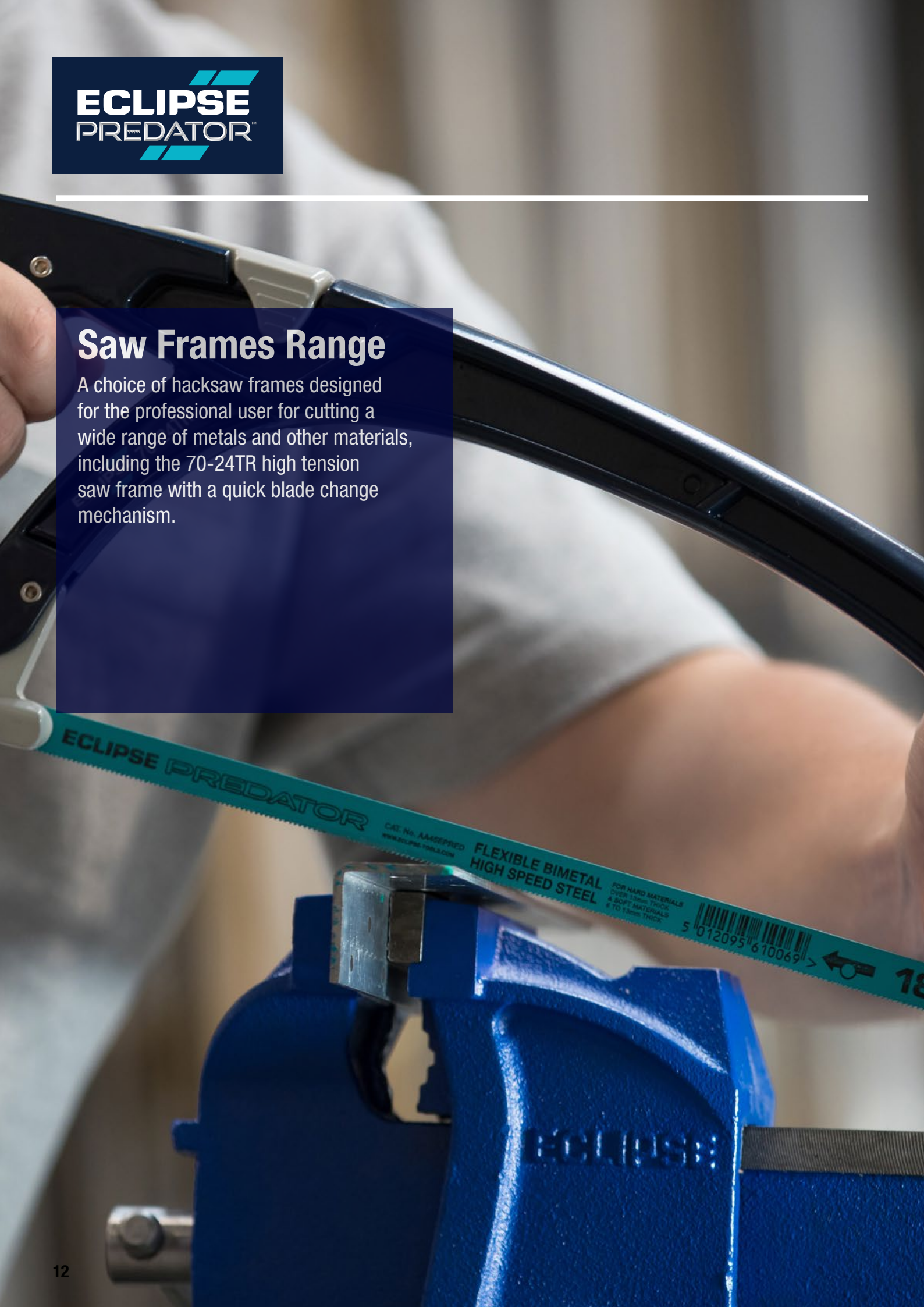
Metal Cutting
Small Saw Blades

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

Small Saw Blades

Part No.	Description	Length	Teeth per 25mm	Blades in Pack	Box Qty
EC-71/132R	Junior Blades - Metal	150mm	32	10	10
EC-71/114R	Junior Blades - Wood	150mm	14	10	10
EC-71/CP7R	Coping Saw Blades	165mm	14	10	10
EC-71/FS5R	Fretsaw Blades	125mm	18	10	10
EC-PS32	Piercing Saw Blades	125mm	32	100	10
SJ-73/66SR	Gen Purpose Saw Spare Blade	375mm	10	1	10





Saw Frames Range

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.

Metal Cutting
Hacksaw Frames

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

EC-70-24TR
High Tension Professional Hacksaw 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 work-shop and an alternative 45° blade mounting for flush cutting
- Supplied with an Eclipse shatterproof bimetal 24TPI blade.



Part No.	Length	Height	Blade Supplied	Pack Qty.
EC-70-24TR	410mm	150mm	Predator BiMetal 24TPI	6

EC-20TND
Pro Hacksaw Frame

Strong, tubular frame complete with a die cast handle for greater comfort and control when sawing.

- Maintains optimum blade tension to ensure accurate and straight cutting performance
- Supplied with an Eclipse shatterproof bimetal 24TPI blade



Part No.	Length	Height	Blade Supplied	Pack Qty
EC-20TND	465mm	130mm	Predator BiMetal 24TPI	6

EC-422
Box Hacksaw Frame

Cuts most metals and plastics

- Comfortable soft grip handle and steel frame
- Adjustable for 55º cutting
- Can be used as Compass Saw
- Adjustable easy blade tensioning



Part No.	Length	Height	Blade	Pack Qty
EC-422	400mm	132mm	Generic	6

SJ-HS10
Hacksaw Frame

Rigid box frame design

- Blade adjustment allows for 55º & 90º cutting
- Accepts standard 300mm hacksaw blades



Part No.	Length	Height	Blade	Pack Qty
SJ-HS10	450mm	132mm	Generic	10

EC-16TND
Hacksaw Frame

A lightweight, economical hacksaw frame with strong, box section tubular steel frame

- Comfortable and durable cast aluminium handle.
- Extra long location pin gives increased security of the tensioning bit
- Supplied with an Eclipse shatterproof bimetal 24TPI blade



Part No.	Length	Height	Blade	Pack Qty
EC-16TND	430mm	132mm	Predator 24TPI	10

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. The EC-15TND is ideal for use in awkward or restricted areas...

EC-15TND
Mini Hacksaw 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
- Ergonomic soft grip handle with a thumb grip
- Supplied with an Eclipse shatterproof bimetal 24TPI blade



Part No.	Length	Height	Blade Supplied	Pack Qty
EC-15TND	320mm	55mm	Predator BiMetal 24TPI	12

SJ-MSH10
Mini Hacksaw Frame

Mini hacksaw frame ideal for use in awkward or restricted areas.

- Strong aluminium frame for extra durability
- Comfort soft grip handle with thumb grip
- For use with 300mm hacksaw blades



Part No.	Length	Height	Blade Supplied	Pack Qty
SJ-MHS10	250mm	55mm	Generic	12

EC-70-675R
Junior Hacksaw 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	Blade Supplied	Pack Qty
EC-70-675R	250mm	100mm	Jr Hacksaw - Metal	5

EC-70-14JR
Junior Hacksaw Frame

Junior Hacksaw with a powder coated steel frame and Eclipse metal cutting blade.

- Easy blade change
- Universal saw cuts metal, wood and plastics



Part No.	Length	Height	Blade Supplied	Pack Qty
EC-70-14JR	260mm	67mm	Jr Hacksaw - Metal	12

Metal Cutting
Specialist Saw Frames

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

SJ-7CP
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

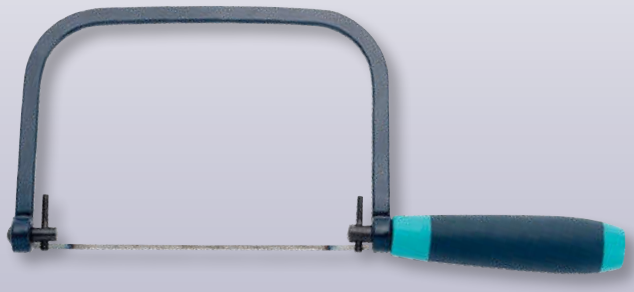


Part No.	Length	Height	Blade Supplied	Pack Qty
SJ-7CP	315mm	130mm	Coping Blade 14TPI	5

EC-70-CP1RSF
Coping Saw

Coping saw for cutting and shaping in wood

- 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	Blade Supplied	Pack Qty
EC-70-CP1RSF	317mm	317mm	Coping Blade 14TPI	5

EC-70-FS1R
Fret Saw

For fine cutting work in thin materials such as wood, bone, plastics, etc ideal for professionals and hobbiests.

- Supplied with Eclipse 16TPI Fretsaw blade
- Comfortable soft grip handle and steel frame



Part No.	Length	Height	Blade Supplied	Pack Qty
SJ-70-FS1RSF	270mm	300mm	Fret Saw Blade 16TPI	5

EC-72-66XR
General Purpose Saw

General purpose saw for cutting through wood, plastics and 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
- Replacement blade available



Part No.	Length	Teeth Per Inch	Pack Qty
SJ-72/66XR	465mm	10	5
SJ-73/66SR	375mm	10	10

ECLIPSE

METAL CUTTING RANGE

Available from all good professional tools stockists

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

This does not affect your statutory rights.

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