

INDUSTRIAL TOOLING

SAWBLADE & SPINDLE
2012/13



trend[®]
industrial tooling

INDUSTRIAL SAWBLADE & SPINDLE TOOLING CATALOGUE

The New Sawblade and Spindle Tooling Range from Trend

Trend has over 50 years experience in the UK woodworking and routing market. With this expertise a comprehensive range of sawblades and spindle tooling have been developed to meet the demands of modern industry.

In addition new innovative products have been developed to provide further solutions.

MAX[™] Sawblades are the ultimate sawing blades, see pages 5, 9, 10, 11, 18 and 19. They feature:

- Special dynamic balancing operation.
- Unique non-hammering straightening operation.
- Unique production documentation of every panel saw with full traceability.
- Unique sharpness from production that is twice the industry standard.
- Long lasting quality cut.
- Low noise level during operation.

LEADER[™] is an innovative scoring system with cost saving benefits, see page 12. It features:

- Fully adjustable without the need for spacers.
- Easily adjustable width from 2.8mm - 3.6mm while still mounted to the spindle.
- Less down time than traditional blades.

The Changing Market

The last 10 years has seen a movement away from heavy machinery to light and flexible production in the woodworking industry. In addition the availability of affordable CNC machinery and the introduction of new, abrasive, raw materials have put new challenges on manufacturers of woodworking tooling.

In order to meet these challenges, many changes and new technologies have been incorporated into our production processes:

- The modernisation of the manufacturing facility and the equipping of production lines with the modern, state-of-the-art technology. Production is fully automated, untouched by human hands manufacturing accurate unrivalled products. These machines have been custom built and designed to ensure the highest level of accuracy and precision.
- The development of **DYNAMIC** carbide that withstands the most abrasive of materials, giving the longest lifetime in the industry.
- The introduction and investment of an unrivalled laboratory to enable research and testing of tools during the production process.
- A unique modern fully automated process has been developed in the straightening, balancing and tensioning of our **MAX[™]** sawblade range. The only manufacturer to do this in the industry.

New Products and Services

- New sizes of sawblade have been added to most of our popular ranges.
- Details of our sawblade re-boring and pin-hole drilling service are shown on p.17.
- A completely revised list of **MAX[™]** beam sawblades and scorers are shown on p.18 - 19.
- Spindle tools for:
 - Grooving, p.27
 - Euro Grooves for Espagnolette locks, p.29
 - Chamfering, Folding, Jointing and Rebating, p.32 - 33
 - Rounding Over, p.38
 - Panel Raising, p.50 - 51
 - 40mm and 50mm Profile Knives, p.72 - 73 & p.81 - 84
- TSM50 Spindle Moulder for serious hobby to industrial users, p.92 - 93.



For your nearest
Trend Industrial Stockist

CALL

01923 249911

or use our search engine at
www.trend-uk.com



All our products are available from stockists around the UK. If your stockist does not have the products you require in stock, they can be supplied through your stockist for next day delivery.

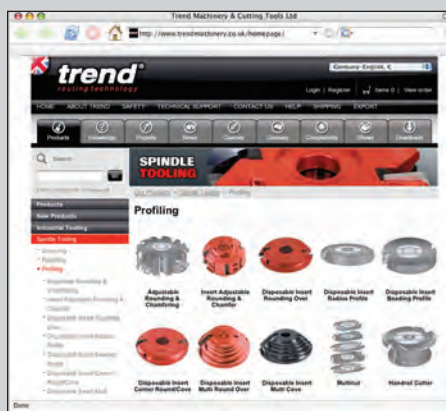
All prices are in Pounds Sterling & exclusive of VAT at the current rate. Prices are valid until 28th February 2013.

Industrial Tooling Online

Visit the website to find:

- Full product details
- Downloadable catalogue
- Downloadable price list

Visit: www.trend-uk.com



Warranty

If your Trend product becomes defective due to faulty materials or workmanship within 12 months of purchase, we guarantee to replace all defective parts free of charge, or at our discretion, replace the unit free of charge provided that: Proof of date of purchase is provided. The product has not been misused, abused or improperly maintained and has been used in accordance with the instructions. No unauthorised repair or modification has been made to the product. Service and/or repair of power tools and machinery is carried out by an authorised Trend Service Agent. The product was not stolen or is a counterfeit copy.

Please note: This guarantee is personal to the original purchaser and is not transferable. The guarantee is in addition to and does not affect contractual rights as a professional user or your statutory rights as a private non-professional user. Customers must ensure that the product is suitable for the purpose intended before use. Trend cannot be held liable for any products or unauthorised service of any product. We also cannot be held liable for material rendered unusable or any form of consequential loss.

Important

The information in this catalogue is for general guidance purposes only. You are responsible for determining whether it applies to your particular application. Before using our products users must read and understand all safety legislation and refer to the Provision and Use of Work Equipment Regulations (PUWER). Before using our products please read and understand all instructions provided. Trend accessories must not be put into service until it has been established that the power tool being used is in compliance with 2006/42/EC (identified by the CE marking).

Technical Support

Our Technical Support team, staffed by experienced engineers and former tradesmen, is available for practical advice on cutter selection, setting-up, jig-making and routing techniques. They also offer the leading design service for tooling made to order for specific applications.

For free Technical Support:

Tel: 01923 249911

(8.45am - 5.30pm Monday - Friday)

Fax: 01923 228657 Email: technical@trendm.co.uk

ASSOCIATIONS



Trend are members of the above associations.

QUALITY CONTROL



Consistently high standards are guaranteed by strict quality control procedures and inspection by our quality controllers. Our quality system is BS EN ISO 9001:2008 registered to comply with international standards. Items described in this catalogue may not necessarily be manufactured under a registered ISO 9001:2008 management system.

CONTENTS

SAWBLADES 4 - 21



■ Technical Information	3 - 5
■ Rip & Heavy Duty Rip Sawblades	6
■ Anti-kick Back Rip with Cooling Slots Sawblades	7
■ Radial Arm, Mitre Cross Cut Sawblades	7
■ Rip and Cross Cut Sawblades	8
■ Trimming and Sizing Sawblades	9
■ Panel Trimming and Sizing Sawblades	10
■ Conical Scoring Sawblades	11
■ Split Scoring Sawblades	11
■ Deader Scoring Sawblades	12
■ Panel Sawblades, Positive & Negative Hook	13
■ Panel Sawblades, High Alternate Bevel	14
■ Plastic Trimming and Sizing Sawblades	14
■ Non Ferrous Sawblades, Negative Hook	15
■ Non Ferrous Sawblades, Positive Hook	16
■ Sawblade Re-Boring and Pin-Holes	17
■ Beam Sawblades & Scorers for Stacked Panels	18 - 19
■ Sawblade by Diameter Look up Chart	20 - 21



SPINDLE TOOLING 22 - 95

■ Technical Information	22 - 23
■ Tungsten Carbide Tipped Groovers	24
■ Disposable Insert Groovers	25
■ Disposable Insert Adjustable Groovers	26 - 28
■ Disposable Insert Espagnolette Groover	29
■ Disposable Insert Rebaters	30 - 31
■ Disposable Insert Chamfer Block	32
■ Disposable Insert Up and Down Shear	33
■ Disposable Insert Adjustable Rebater	34
■ Disposable Insert Spiral Planing Blocks	35
■ Disposable Insert Adjustable Chamfer Blocks	36 - 37
■ Disposable Insert Rounding Over Blocks	38 - 39
■ Disposable Insert Cove Cutter Blocks	40
■ Disposable Insert Beading Blocks	41 - 43
■ Disposable Insert Handrail Blocks	44
■ Disposable Insert Glue Joint Blocks	45 - 47
■ Disposable Insert Profile/Counter Profile Blocks	48
■ Disposable Insert Panel Raising Blocks	49 & 52
■ Multi - Profile Panel Raising Block	50 - 51
■ Disposable Insert Lamello® Biscuit Joint Cutter	53
■ Resin Pocket Cutters for Lamello® Minispot Machine	54
■ Multi Profile Blocks	55
■ 40mm Profile Knives	56 - 74
■ Six piece 40mm Cutterhead Set	75
■ 50mm Profile Knives	76 - 84
■ 60/80mm Profile Knives	85 - 88
■ Ball Bearing Guide Rings & Reduction Bushes	89
■ Spacers	90
■ Tungsten Carbide Tipped Adjustable Groover	91
■ Four-piece Professional Starter Set	92
■ Machinery	93
■ TSM50 Spindle Moulding Machine	94 - 95
■ Spare Parts	96 - 99
■ Index	100 - 104

Key

Spare Knives and Scorers
Product Reference ending in /10 are sold in packs of ten.

Stock

Y means normally kept in stock for next day delivery.

N means not normally held in stock. Please contact sales for expected delivery date.

NEW PRODUCTS

SAWBLADES

- Smaller diameters starting at 125mm.
- 35 new types and sizes.
- Re-boring and pin-hole information.

PAGE 17 onwards

NEW



SPINDLE TOOLING

Disposable Insert Up and Down Shear Rebating Cutter Block

Clean cut on top and bottom of a double laminated panel (prior to edgebanding).

NEW

SEE PAGE 33



Disposable Insert Rounding Over Cutter Block Set

Simultaneously rounding over top and bottom of timber panels from 1mm to 10mm radius. Panel thickness from 6mm to 60mm.

SEE PAGE 38

NEW



Multi Profile Panel Raising Cutter Block

One block can produce seven different raised panel profiles.

SEE PAGE 50



NEW

New Range of 40mm and 50mm Tool Steel Profiles

Ten 40mm profile knives and limiter plates.

SEE PAGES 72-73

Twenty 50mm profile knives and limiter plates.

SEE PAGES 81-84

NEW



NEW

Spindle Starter Set

Four of the most popular and useful spindle blocks supplied in a sturdy carry case.

SEE PAGE 92



NEW

Spindle Moulder TSM50

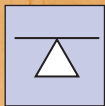
5.5HP(4.0KW) 3 phase machine or 3.0HP(2.2KW) single phase machine with a flush mounted sliding table. Suitable for industrial use or the serious home user.

SEE PAGES 94-95

SAWBLADES

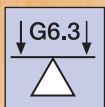
Trend's line of Tungsten Carbide Tipped circular sawblades meet all the requirements of the modern woodworking industry.

Manufacturing Technology



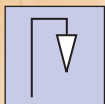
Balance

Geometrical balanced shape resulting in less vibration, better cutting quality, longer lifetime and noise reduction.



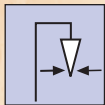
Dynamic Balancing

Unique balancing procedure according to ISO 1940 performed on special dedicated dynamic balancing machines, producing the best performance as a result of minimal vibration.



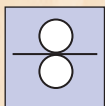
Straightening

Fully automatic process for straightening sawblades without hammering.



Dynamic Straightness

Fully automated, high performance, dynamic operation for straightening the sawblade, assuring long-lasting straightness and quality cutting for the lifetime of the blade even after re-sharpening.



Tensioning

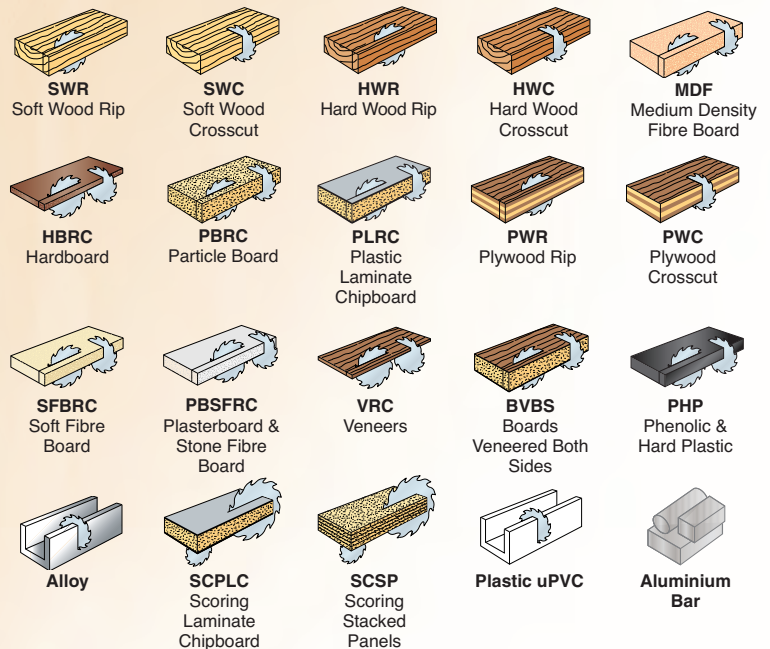
Mechanical procedure that affects the internal material structure of the blade to improve stiffness.

Suitable for:

- Panel sizing machines.
- Multi-rip machines.
- Horizontal panel sizing machines.
- Table sawing machines.
- Aluminium/uPVC cutting machines.

All sawblades are subjected to straightening, balancing and tensioning using a unique technology to ensure high cutting quality and longer lifetime.

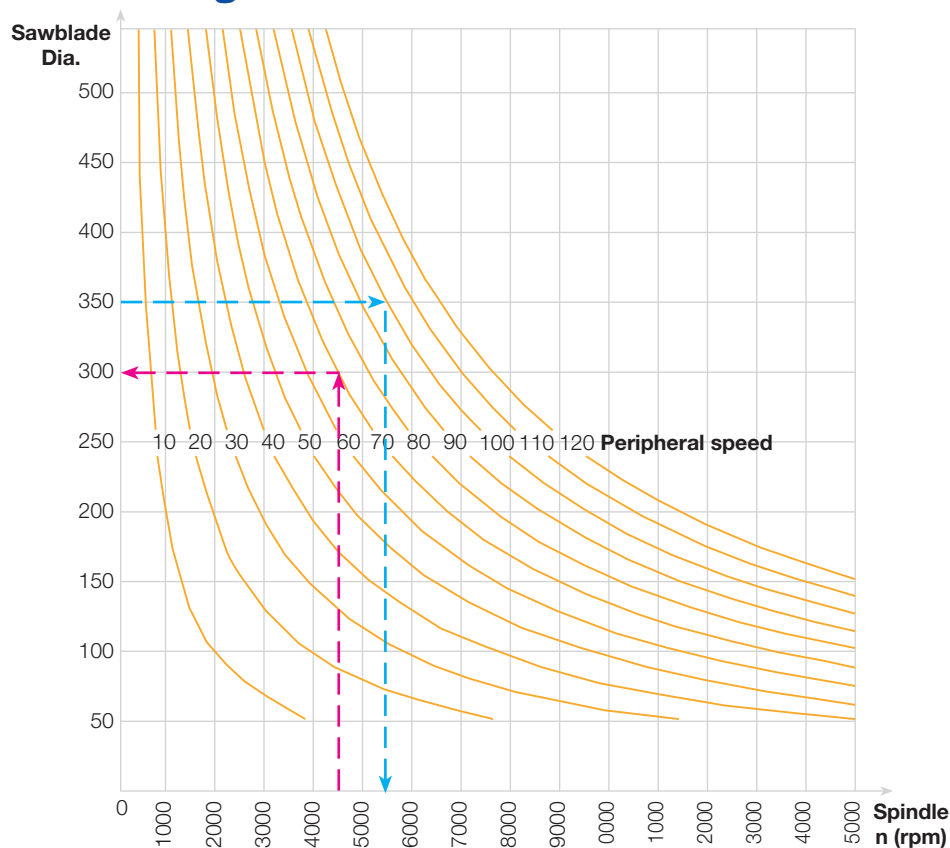
Key to Sawblade Symbols



Determining Cutting Speed

Material		Cutting	Cutting Speed (m/sec)
	Natural Wood	Soft Wood	60 - 100
		Hard Wood	60 - 100
		Veneers	70 - 100
			70 - 100
			70 - 100
	Boards	Plywoods	50 - 80
		MDF	60 - 100
		Particle Board with PVC Coating	60 - 80
		Particle Board with Melamine Coating	60 - 80
		Particle Board with Veneer Coating	60 - 80
		High Pressure Laminated Particle Board	60 - 80
		Soft Fibre Board	70 - 100
		Cemented Bonded Board	50 - 80
	Plastics	Hard Paper / Hard Fibre	45 - 70
		Duroplastic® Board, Corian®	15 - 50
		High Pressure Laminated Bakelite®	30 - 70
		Thermoplastic Profiles	50 - 80
	Aluminium	Aluminium Profiles	40 - 70

Determining Sawblade Diameter or RPM



$$n \text{ (rpm)} = \frac{1000 \times 60 \times V}{3.14 \times D}$$

n = Spindle rpm

V = Peripheral speed m/sec

D = Diameter mm

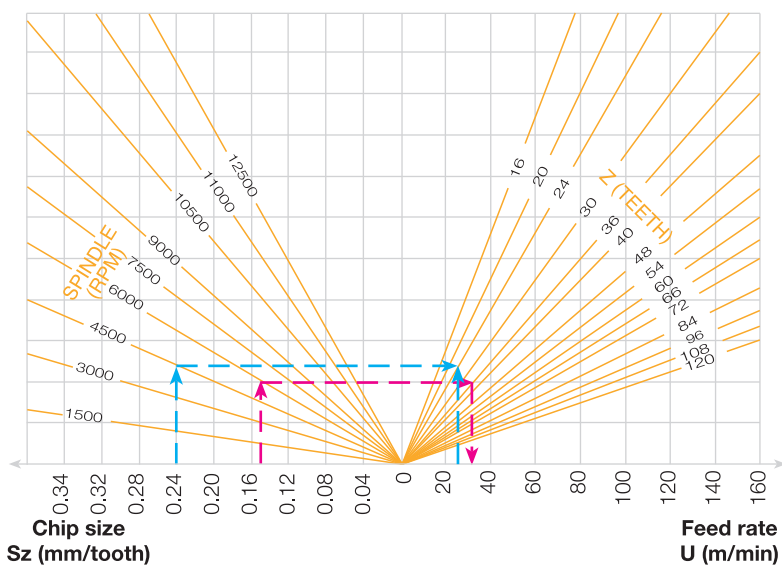
Example 1:

Determining the correct sawblade diameter to cut melamine-coated chipboard with a rpm of 4500 and a peripheral speed of 70m/sec. The correct blade diameter is 300mm.

Example 2:

Determining the correct machine rpm in order to cut at a peripheral speed of 100m/sec with a 350mm diameter sawblade. The correct rpm is 5500.

Determining Number of Teeth or Finding Feed Rate



Example 1:

Determining the Correct Feed Rate:

Solid wood - chip size 0.15

Spindle rpm - 6000

Number of teeth - 36

You should use a feed rate of - 32m/min

Example 2:

Determining Number of Teeth

Chipboard - chip size 0.24

Spindle rpm - 4500

Feed rate - 22m/min

Therefore the number of teeth = 24

Recommended Chip Size Sz (mm/tooth)

Material	
Solid wood	0.10 - 0.20
Chipboard and plywood	0.05 - 0.25
Boards with plastic lamination	0.03 - 0.06
Boards veneered on both sides	0.03 - 0.08
Hardboard	0.03 - 0.08
Duroplastic® boards	0.02 - 0.05
Thermoplastic boards	0.05 - 0.08

Sawblade Flanges

Sawblade Diameter	Sawblade Bore Diameter					
	30mm	40mm	60mm	80mm	100mm	120mm
180 ≤ 190	50/40		80/60	-	-	-
190 ≤ 300			80/60	120/90	140/110	-
300 ≤ 400			120/90		140/110	160/130
400 ≤ 450		120/90		140/110		160/130
450 ≤ 550			140/110			160/130
550 ≤ 630			160/130			200/160
630 ≤ 800						200/160

The size of the flange is determined by the saw diameter and bore diameter.

**TCT****TUNGSTEN
CARBIDE
TIPPED**

The Ultimate Sawing Blades

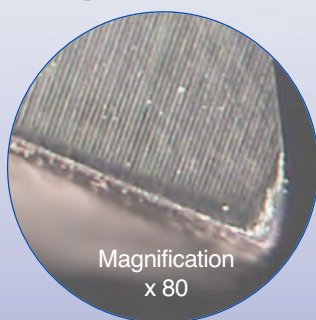
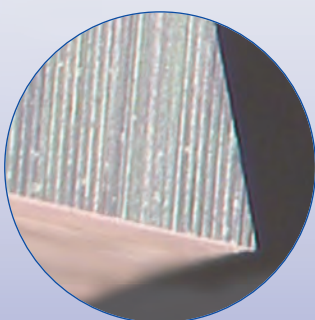
- Special dynamic balancing.
- Unique straightening operation.
- Long-lasting quality cut.
- Low noise level.
- Every panel saw documented with full traceability.
- Increased sharpness compared to industry standard.

See pages 9, 10, 11, 18 and 19.

Regular Tooth



MAX™ Tooth



Magnification
x 80



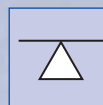
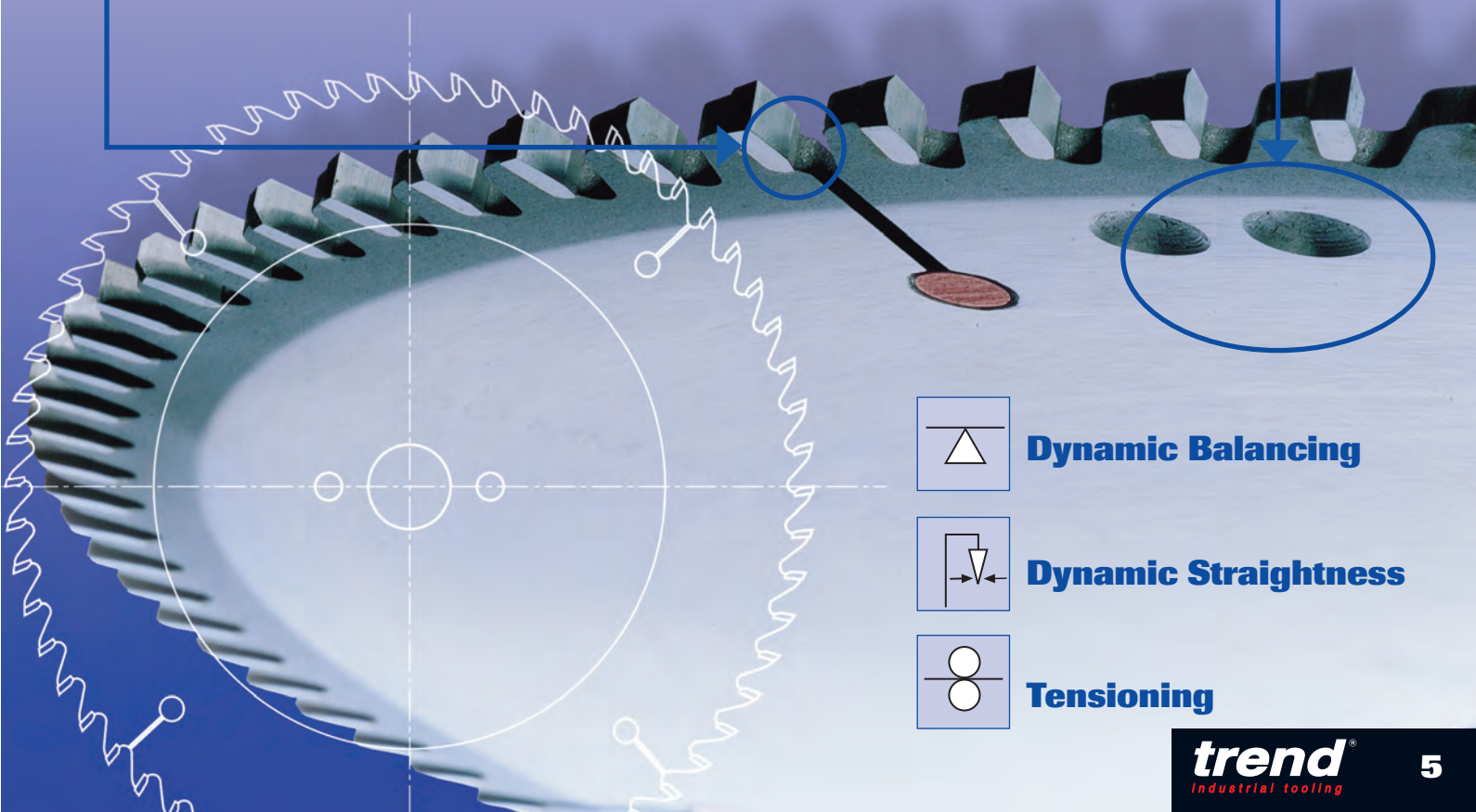
Magnification
x 80

**Starting
Point**

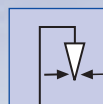
100%

200%

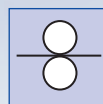
Dynamic Balancing Marks



Dynamic Balancing



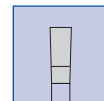
Dynamic Straightness



Tensioning

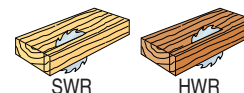
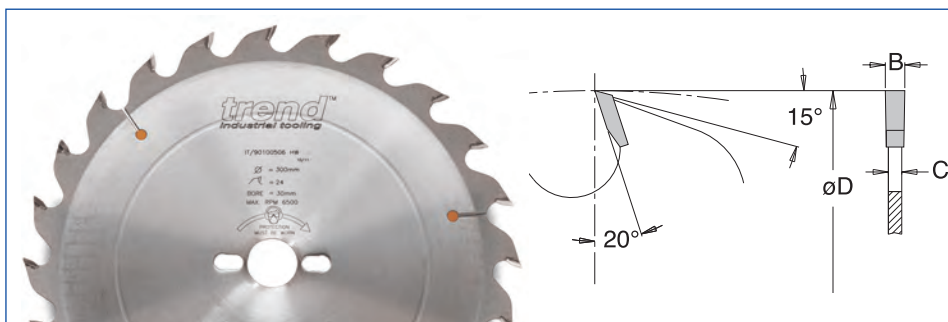
Rip Sawblades

- Suitable for rip cutting with a coarse finish on solid soft and hard woods.
- Flat tooth with large gullet for fast chip removal.
- For use on a bench, table or rip saw.
- Other bore sizes available, see page 17.

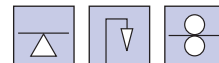


Solid Wood
Flat Teeth
Coarse Finish

TCT

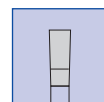


ØD	Teeth	Product Ref.	B	C	Ø bore	Stock	Price
250	20	IT/901 00 30 6	3.2	2.2	30	Y	£40.85
250	24	IT/901 00 40 6	3.2	2.2	30	Y	£42.53
300	24	IT/901 00 50 6	3.2	2.2	30	Y	£50.72
300	30	IT/901 00 60 6	3.2	2.2	30	Y	£56.28
350	28	IT/901 00 70 6	3.5	2.5	30	Y	£63.42
400	32	IT/901 00 80 6	3.5	2.5	30	Y	£71.19
450	32	IT/901 00 84 6	4.0	2.8	30	Y	£80.01
500	36	IT/901 00 85 6	4.4	3.0	30	Y	£97.65



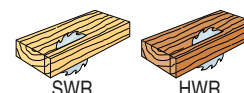
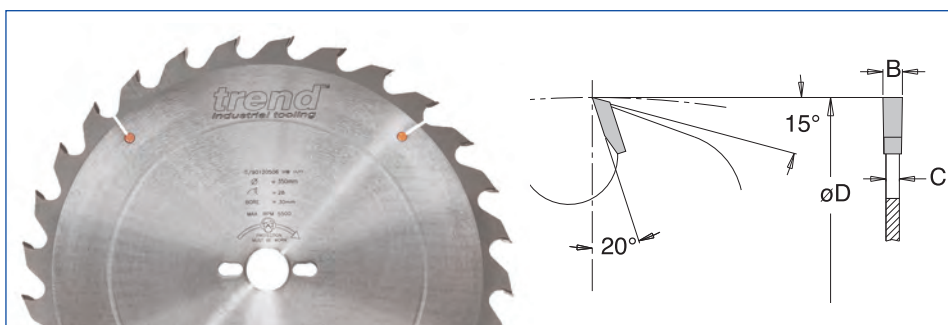
Rip Sawblades - Thicker Tip and Plate

- Suitable for rip cutting with a coarse finish on solid soft and hard woods.
- Thicker Tungsten Carbide Tip and saw body for heavy duty applications.
- For use on a bench, table or rip saw.
- Other bore sizes available, see page 17.

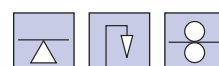


Solid Wood
Flat Teeth
Coarse Finish

TCT



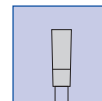
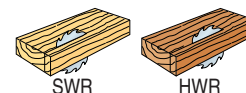
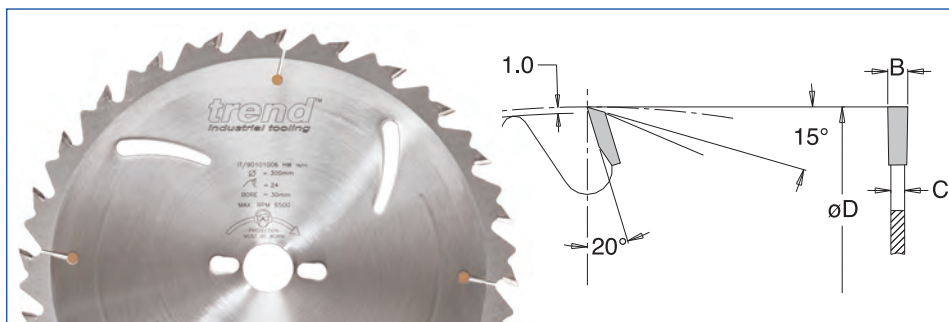
ØD	Teeth	Product Ref.	B	C	Ø bore	Stock	Price
300	24	IT/901 20 20 6	4.0	2.8	30	N	£66.15
300	24	IT/901 20 30 6	4.4	2.8	30	N	£66.15
350	28	IT/901 20 60 6	4.0	2.8	30	N	£80.54
350	28	IT/901 20 50 6	4.4	2.8	30	Y	£80.54
400	32	IT/901 21 10 6	4.0	3.0	30	N	£92.09
400	32	IT/901 20 90 6	4.4	3.0	30	N	£92.09



Stock Y normally kept in stock for next day delivery N not normally held in stock, delivery in a short time

Rip Sawblades with Cooling Slots

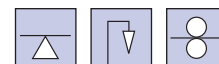
- Suitable for rip cutting with a coarse finish on solid soft and hard woods.
- Flat tooth with large gullet for fast chip removal and chip limiters to reduce kick-back.
- Cooling slots to prevent blade overheating.
- For use on a bench, table or rip saw.
- Other bore sizes available, see page 17.



Solid Wood
Flat Teeth
Coarse Finish

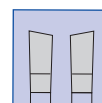
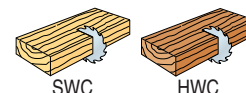
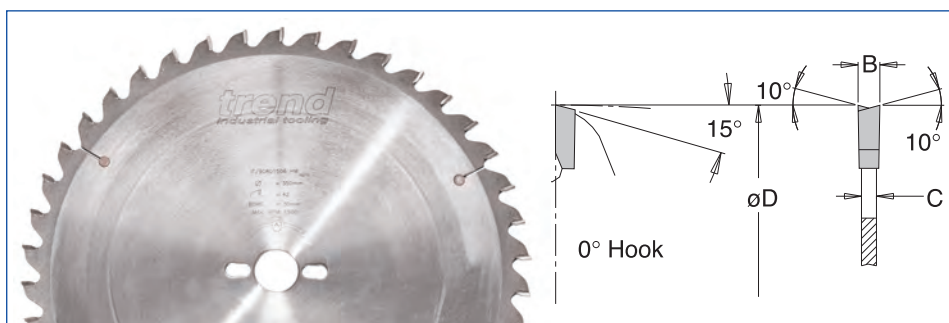
TCT

øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
250	24	IT/901 00 95 6	3.2	2.2	30	Y	£50.19
300	24	IT/901 01 00 6	3.2	2.2	30	Y	£59.54
300	28	IT/901 01 04 6	3.2	2.2	30	Y	£63.42
315	24	IT/901 01 08 6	3.2	2.2	30	Y	£63.42
350	28	IT/901 01 10 6	3.5	2.5	30	Y	£69.51
350	32	IT/901 01 13 6	3.5	2.5	30	Y	£80.01
400	28	IT/901 01 15 6	3.5	2.5	30	Y	£81.59
450	40	IT/901 01 16 6	4.0	2.8	30	Y	£112.46
500	44	IT/901 01 18 6	4.4	3.0	30	Y	£135.66



Cross Cut Sawblades

- Suitable for cross cutting with a coarse finish to fine finish on solid soft and hard woods.
- Alternate bevel tooth with zero or negative degree angle to minimise material 'pick-up' or 'snatching'.
- For use on a radial arm or mitre saw.
- Other bore sizes available, see page 17.



Solid Wood
Alternate Bevel Teeth
Medium/Fine Finish

TCT

øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
N 215	24	IT/912 01 42 6	2.8	1.8	30	Y	£42.00
N 215	48	IT/912 04 11 6	2.8	1.8	30	Y	£66.15
N 215	60	IT/912 05 45 6	2.8	1.8	30	Y	£74.55
N 215	80	IT/SB/912 00 16	2.8	1.8	30	Y	£76.65
250	24	IT/908 01 10 6	3.4	2.4	30	Y	£57.33
250	42	IT/908 01 20 6	3.4	2.4	30	Y	£92.09
250	72	IT/901 40 60 6	3.2	2.4	30	Y	£83.27
N 260	60	IT/SB/912 00 26	3.2	2.2	30	Y	£86.10
300	36	IT/908 01 30 6	3.8	2.8	30	Y	£80.01
N 305	48	IT/SB/912 00 36	3.2	2.2	30	Y	£71.40
N 305	60	IT/SB/912 00 46	3.2	2.2	30	Y	£98.70
350	42	IT/908 01 50 6	4.2	2.8	30	Y	£97.65
400	48	IT/908 01 70 6	4.2	3.0	30	Y	£111.41

MANUFACTURING TECHNOLOGY



Balance



Dynamic Balance



Straightening



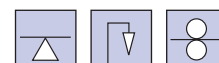
Dynamic Straightness



Tension



Low Noise

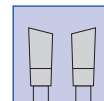
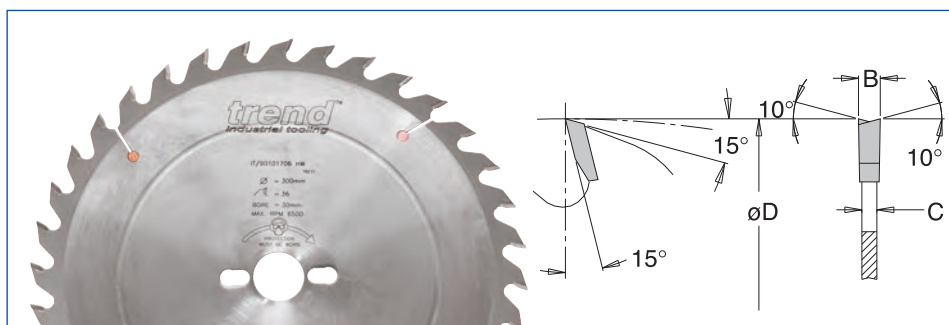


NEW SIZES

trend
Industrial tooling

Rip and Cross Cut Sawblades

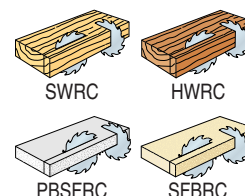
- Suitable for rip and cross cutting with a coarse to medium finish on solid soft and hard woods.
- Alternate bevel tooth.
- For use on table saw.
- Other bore sizes available, see page 17.



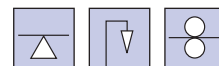
Solid Wood

**Alternate Bevel Teeth
Coarse/Medium Finish**

TCT

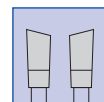
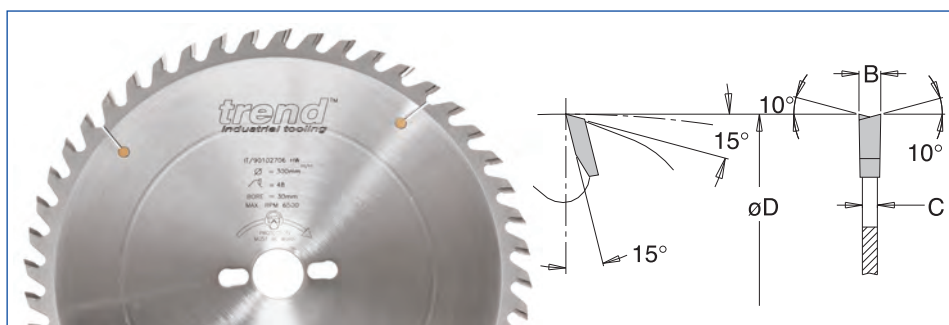


	øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
N	125	24	IT/901 02 10 3	3.0	2.0	20	Y	£33.60
N	150	24	IT/901 02 20 3	3.0	2.0	20	Y	£40.85
N	160	24	IT/901 02 21 3	2.6	1.6	20	Y	£38.85
N	180	24	IT/901 01 30 6	3.0	2.0	30	Y	£37.80
N	184	24	IT/901 01 31 E	2.8	1.8	16	Y	£44.10
N	190	24	IT/901 01 33 6	2.8	1.8	30	Y	£39.90
N	200	24	IT/901 01 40 6	3.0	2.0	30	Y	£42.00
N	230	24	IT/901 01 50 6	3.0	2.0	30	Y	£47.25
	250	30	IT/901 01 60 6	3.2	2.2	30	Y	£50.19
	300	36	IT/901 01 70 6	3.2	2.2	30	Y	£60.17
	350	36	IT/901 01 79 6	3.5	2.5	30	Y	£72.24
	350	42	IT/901 01 80 6	3.5	2.5	30	Y	£73.40
	400	48	IT/901 01 90 6	3.5	2.5	30	Y	£82.22
	450	54	IT/901 02 00 6	4.0	2.8	30	Y	£112.46
	500	60	IT/901 02 05 6	4.4	3.0	30	Y	£133.98



Rip and Cross Cut Sawblades

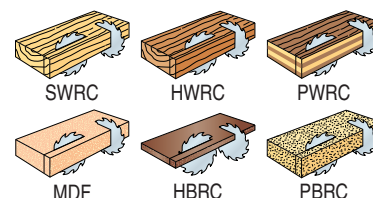
- Suitable for trimming and cross cutting with a medium fine finish on solid soft and hard woods and man-made boards.
- Alternate bevel tooth.
- For use on table saw.
- Other bore sizes available, see page 17.



**Solid Wood
& Boards**

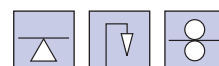
**Alternate Bevel Teeth
Medium Fine Finish**

TCT

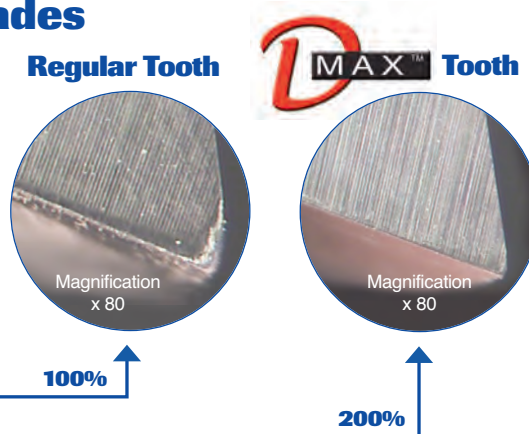


	øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
N	230	40	IT/901 02 50 6	3.0	2.0	30	Y	£60.90
	250	40	IT/901 02 60 6	3.2	2.2	30	Y	£57.96
	250	48	IT/901 02 63 6	3.2	2.2	30	Y	£62.90
	300	48	IT/901 02 70 6	3.2	2.2	30	Y	£68.36
	315	48	IT/SB/901 00 16	3.2	2.2	30	Y	£93.45
	350	54	IT/901 02 80 6	3.5	2.5	30	Y	£84.42
	400	60	IT/901 02 90 6	3.5	2.5	30	Y	£93.77
	450	66	IT/901 03 00 6	4.0	2.8	30	Y	£126.84
	500	72	IT/901 03 20 6	4.4	3.0	30	Y	£135.14

Stock Y normally kept in stock for next day delivery N not normally held in stock, delivery in a short time

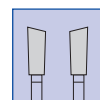


- **Special dynamic balancing.**
- **Unique straightening operation.**
- **Long-lasting quality cut.**
- **Low noise level.**
- **Every panel saw documented with full traceability.**
- **Increased sharpness compared to industry standard.**



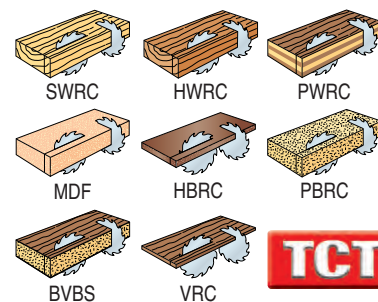
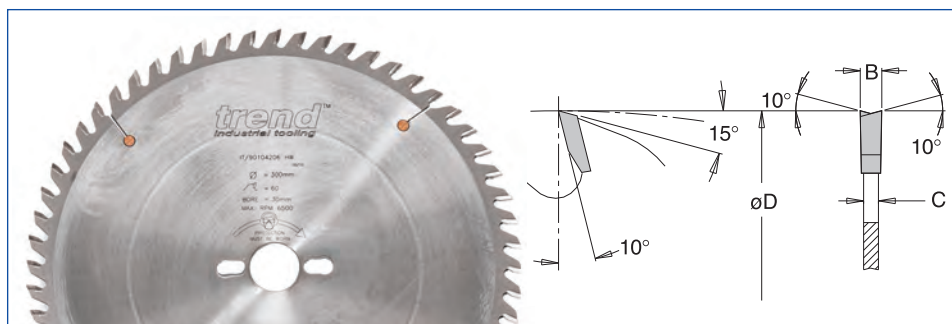
Trimming and Sizing Sawblades

- Suitable for trimming and sizing cross cutting with a fine finish on solid soft, hard woods and man-made veneered boards.
- Alternate bevel tooth.
- For use on a table saw.
- Marked blades are  quality for long lasting durability.
- Other bore sizes available, see page 17.



Boards & Veneered Boards

Alternative Bevel Teeth Fine Finish



	øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
	125	40	IT/901 05 20 3	3.0	2.0	20	Y	£55.65
	150	48	IT/901 05 30 3	3.0	2.0	20	Y	£55.65
	160	48	IT/901 05 32 3	2.6	1.6	20	Y	£55.65
	180	42	IT/901 03 80 6	3.0	2.0	30	Y	£55.65
	184	42	IT/901 03 85 E	2.8	1.8	16	Y	£57.75
	190	48	IT/901 03 95 6	2.8	1.8	30	Y	£57.75
	200	48	IT/901 04 00 6	3.0	2.0	30	Y	£60.90
	200	64	IT/901 05 50 6	3.0	2.0	30	Y	£72.45
	216	60	IT/901 05 45 6	2.8	1.8	30	Y	£75.60
	250	60	IT/901 04 10 6	3.2	2.2	30	Y	£72.24
	250 	60	IT/950 04 10 6	3.2	2.2	30	Y	£86.63
	250	80	IT/901 05 70 6	3.2	2.2	30	Y	£83.27
	250 	80	IT/950 05 70 6	3.2	2.2	30	Y	£102.59
	300	60	IT/901 04 20 6	3.2	2.2	30	Y	£77.81
	300	72	IT/901 04 30 6	3.2	2.2	30	Y	£87.68
	300 	72	IT/950 04 30 6	3.2	2.2	30	Y	£107.00
	300	96	IT/901 05 80 6	3.2	2.2	30	Y	£98.18
	300 	96	IT/950 05 80 6	3.2	2.2	30	Y	£119.70
	315	72	IT/SB/901 00 26	3.2	2.2	30	Y	£103.95
	350	72	IT/901 04 40 6	3.5	2.5	30	Y	£94.29
	350 	72	IT/950 04 40 6	3.5	2.5	30	Y	£115.29
	350	84	IT/901 04 50 6	3.5	2.5	30	Y	£107.00
	350 	84	IT/950 04 50 6	3.5	2.5	30	Y	£130.73
	350	108	IT/901 05 90 6	3.5	2.5	30	Y	£118.55
	350 	108	IT/950 05 90 6	3.5	2.5	30	Y	£145.01
	400	96	IT/901 04 60 6	3.5	2.5	30	Y	£122.96
	400	120	IT/901 06 00 6	3.5	2.5	30	Y	£141.75
	450	132	IT/901 06 03 6	4.0	2.8	30	Y	£163.80
	500	120	IT/901 04 63 6	4.4	3.0	30	Y	£183.65

MANUFACTURING TECHNOLOGY



Balance



Dynamic Balance



Straightening



Dynamic Straightness



Tension



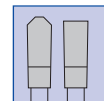
Low Noise


NEW SIZES

trend
Industrial tooling

Panel Trimming and Sizing Sawblades for use with Scorers

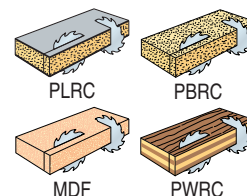
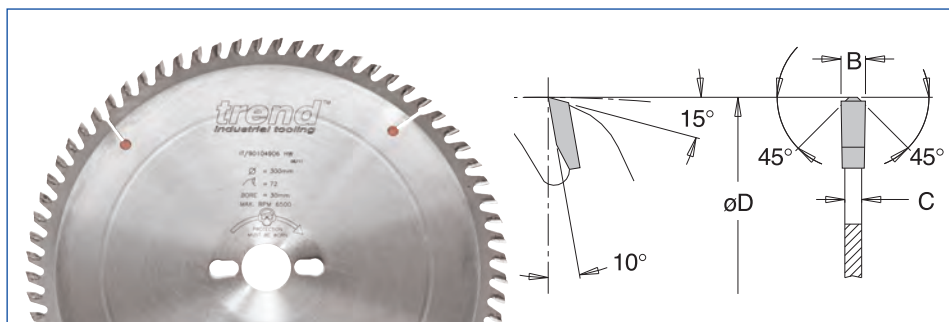
- Suitable for trimming and cross cutting with a medium to fine finish on single-sided laminated boards (chipboard, MDF etc).
- Triple chip tooth.
- For use on a table or panel saw.
- Marked blades are **D MAX** quality for long lasting durability.
- Other bore sizes available, see page 17.



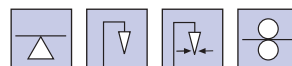
**Boards &
Laminated Boards**

**Triple Chip Teeth
Medium/Fine Finish**

TCT



	ØD	Teeth	Product Ref.	B	C	Ø bore	Stock	Price
N	150	48	IT/901 06 06 6	3.0	2.0	30	Y	£57.75
N	180	58	IT/901 06 07 6	3.0	2.0	30	Y	£66.15
N	200	48	IT/901 04 70 6	3.0	2.0	30	Y	£66.15
N	200	64	IT/901 06 08 6	3.0	2.0	30	Y	£79.80
N	220	48	IT/901 04 72 6	3.0	2.0	30	Y	£71.93
N	220	64	IT/901 06 12 6	3.0	2.0	30	Y	£84.53
N	250	40	IT/901 04 75 6	3.2	2.2	30	Y	£66.15
	250	60	IT/901 04 80 6	3.2	2.2	30	Y	£77.81
	250	D MAX 60	IT/950 04 80 6	3.2	2.2	30	Y	£94.29
	250	80	IT/901 06 10 6 *	3.2	2.2	30	Y	£83.27
	250	D MAX 80	IT/950 06 10 6	3.2	2.2	30	Y	£109.20
	300	60	IT/901 04 85 6	3.2	2.2	30	Y	£83.27
	300	72	IT/901 04 90 6 *	3.2	2.2	30	Y	£93.77
	300	D MAX 72	IT/950 04 90 6	3.2	2.2	30	Y	£115.29
	300	96	IT/901 06 20 6 *	3.2	2.2	30	Y	£97.65
	300	D MAX 96	IT/950 06 20 6	3.2	2.2	30	Y	£127.89
	350	72	IT/901 04 95 6	3.5	2.5	30	Y	£100.91
	350	D MAX 72	IT/950 04 95 6	3.5	2.5	30	Y	£123.48
	350	84	IT/901 05 00 6 *	3.5	2.5	30	Y	£115.29
	350	D MAX 84	IT/950 05 00 6	3.5	2.5	30	Y	£140.07
	350	108	IT/901 06 30 6 *	3.5	2.5	30	Y	£127.37
	350	D MAX 108	IT/950 06 30 6	3.5	2.5	30	Y	£147.74
	400	96	IT/901 05 10 6 *	3.5	2.5	30	Y	£130.73
	400	120	IT/901 06 40 6 *	3.5	2.5	30	Y	£151.62
	450	66	IT/901 02 98 6	4.0	2.8	30	Y	£135.66
	450	132	IT/901 06 41 6 *	4.0	2.8	30	Y	£175.35
	500	72	IT/901 03 25 6	4.4	3.0	30	Y	£144.48
	500	120	IT/901 05 17 6 *	4.4	3.0	30	Y	£197.40

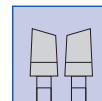


*

Stock Y normally kept in stock for next day delivery N not normally held in stock, delivery in a short time

Conical Scoring Sawblades

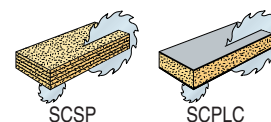
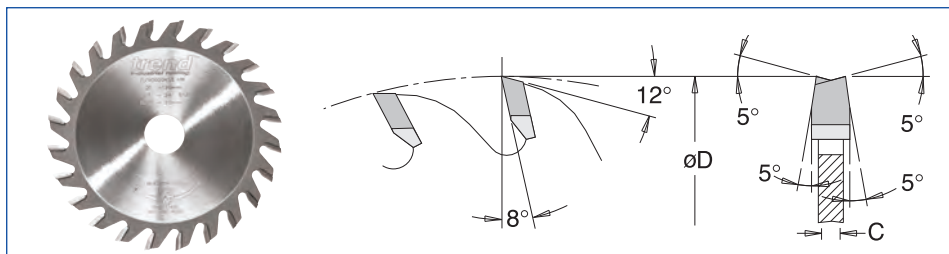
- Suitable for scoring the underside of single or stacked laminated man-made boards (chipboard, MDF etc).
- Used in conjunction with a panel blade for a fine finish on double-sided laminated boards.
- Conical alternate bevel tooth.
- Scoring width adjusted by raising or lowering the blade.
- For use on a table or panel saw.
- Marked blades are **MAX** quality for long lasting durability.



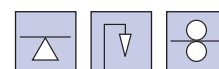
**Laminated
Boards**

Conical Alternate Bevel Teeth

TCT

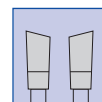


øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
100	20	IT/906 00 41 3	3.2	2.2	20	Y	£87.15
100	20	IT/906 00 41 4	3.2	2.2	22	Y	£87.15
100	20	IT/906 00 51 3	3.0	2.2	20	Y	£87.15
100	20	IT/906 00 51 4	3.0	2.2	22	Y	£87.15
120	24	IT/906 00 44 3	2.8	2.2	20	Y	£87.15
120	24	IT/906 00 44 4	2.8	2.2	22	Y	£87.15
120	24	IT/906 00 45 3	3.2	2.2	20	Y	£87.15
120	MAX 24	IT/956 00 45 3	3.2	2.2	20	Y	£105.84
120	24	IT/906 00 45 4	3.2	2.2	22	Y	£87.15
120	MAX 24	IT/956 00 45 4	3.2	2.2	22	Y	£105.84
125	24	IT/906 00 69 3	3.2	2.8	20	Y	£87.15
125	24	IT/906 00 69 4	3.2	2.8	22	Y	£87.15



Adjustable/Split Scoring Sawblades

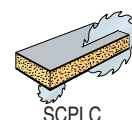
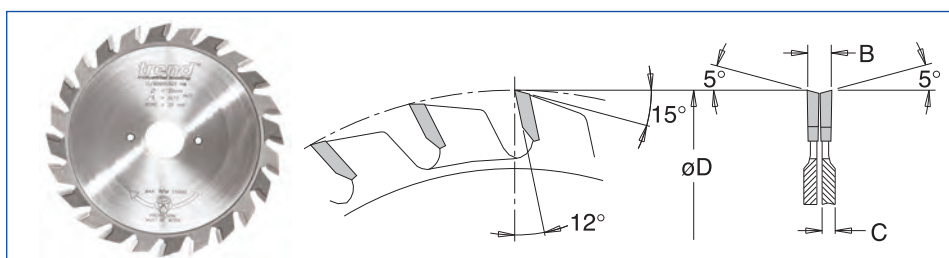
- Suitable for scoring the underside of single or stacked laminated man-made boards (chipboard, MDF etc).
- Used in conjunction with a panel blade for a fine finish on double-sided laminated boards.
- Alternate bevel tooth.
- Scoring width adjusted by adding or removing shims from between the scoring blades.
- For use on a table or panel saw.
- Marked blades are **MAX** quality for long lasting durability.



**Laminated
Boards**

Alternate Bevel Teeth

TCT



øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
80	2x10	IT/906 00 09 3	2.8 - 3.6	2.0	20	Y	£79.38
100	2x12	IT/906 00 10 3	2.8 - 3.6	2.0	20	Y	£79.38
100	2x12	IT/906 00 10 4	2.8 - 3.6	2.0	22	Y	£79.38
120	MAX 2x12	IT/956 00 30 3	2.8 - 3.6	2.0	20	Y	£112.46
120	MAX 2x12	IT/956 00 30 4	2.8 - 3.6	2.0	22	Y	£112.46
120	2x12	IT/906 00 30 3	2.8 - 3.6	2.0	20	Y	£84.42
120	2x12	IT/906 00 30 4	2.8 - 3.6	2.0	22	Y	£84.42
125	2x12	IT/906 00 40 3	2.8 - 3.6	2.0	20	Y	£84.42
125	2x12	IT/906 00 40 4	2.8 - 3.6	2.0	22	Y	£84.42

**MANUFACTURING
TECHNOLOGY**



Balance



Dynamic
Balance



Straightening



Dynamic
Straightness



Tension



Low
Noise

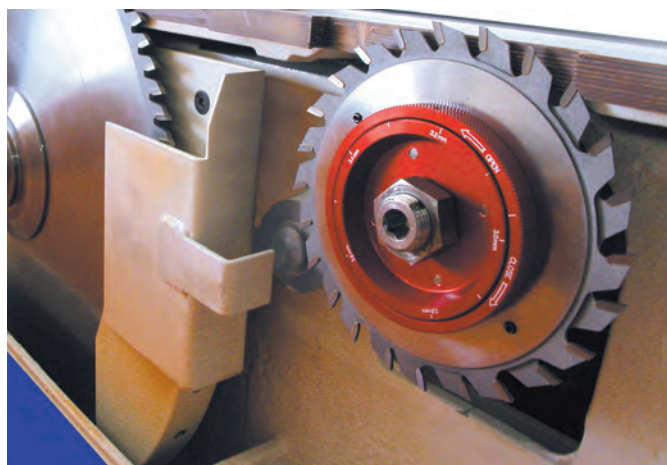
trend
Industrial tooling



The Innovative Scoring System

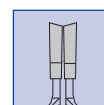
Eliminates the need for spacers, endless measuring, re-assembling, testing and adjusting to obtain the required scoring width.

- Unique patented blade
- Adjusts easily from 2.8mm - 3.6mm, even when mounted on the machine.
- Easy to read scale.
- Massive cost saving benefits.
- Fits all common panel saws.



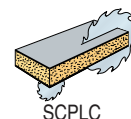
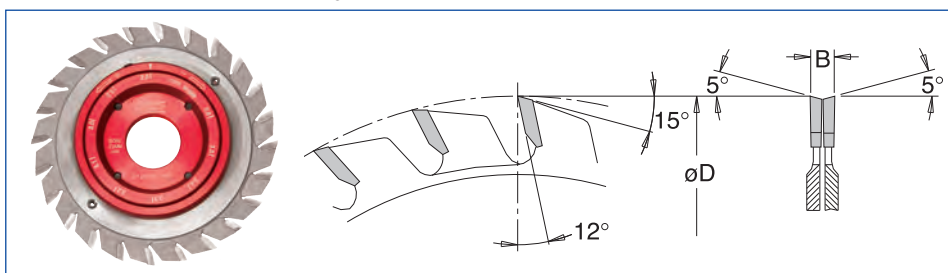
DLeader Split Scorer

- Suitable for scoring the underside of single or stacked laminated man-made boards (chipboard, MDF etc).
- Used in conjunction with a panel blade for a fine finish on double-sided laminated boards.
- Alternate bevel tooth.
- Scoring width adjusted by moving dial gauge.
- For use on a table or panel saw.
- Other bore sizes available, see page 17.



Laminated Boards

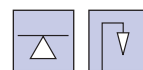
Alternate Bevel Teeth



øD	Product Ref.	B	Teeth	ø bore	Stock	Price
100	IT/956 101 03	2.8-3.6	24	20	N	£225.54
120	IT/956 203 03+	2.8-3.6	24	20	Y	£233.73
120	IT/956 103 04❖	2.8-3.6	24	22	Y	£233.73
125	IT/956 104 03	2.8-3.6	24	20	Y	£233.73
125	IT/956 104 04❖	2.8-3.6	24	22	Y	£233.73

❖ Supplied with 15mm fitting ring for Altendorf machines.

+ Special DLeader scorer with a chamfer gauge for use on the SCM panel saw.
Chamfer gauge enables the scorer to be tilted without touching the saw table.



Spare Sawblades

øD	Product Ref.	Teeth	Stock	Price
100	IT/956 101 0Z	12+12	Y	£90.41
120	IT/956 103 0Z	12+12	Y	£99.23
125	IT/956 104 0Z	12+12	Y	£99.23

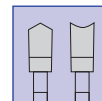
Spare Parts

Product Ref.	Spring Ring	Washer	Torx Screw	Torx Key	Hex Screw	Hex Key
IT/956 101 03	IT/195 084 0 £7.35	IT/196 352 3 £8.09	IT/193 041 4 £1.47	IT/194 102 0 £4.73	IT/193 035 1 £0.95	IT/194 008 0 £1.89
IT/956 103 04	IT/195 085 0 £7.35	IT/196 352 4 £10.40	IT/193 041 4 £1.47	IT/194 102 0 £4.73	IT/193 035 1 £0.95	IT/194 008 0 £1.89
IT/956 104 03	IT/195 085 0 £7.35	IT/196 352 3 £8.09	IT/193 041 4 £1.47	IT/194 102 0 £4.73	IT/193 035 1 £0.95	IT/194 008 0 £1.89
IT/956 104 04	IT/195 085 0 £7.35	IT/196 352 4 £10.40	IT/193 041 4 £1.47	IT/194 102 0 £4.73	IT/193 035 1 £0.95	IT/194 008 0 £1.89
IT/956 203 03	IT/195 085 0 £7.35	IT/196 352 3 £8.09	IT/193 041 4 £1.47	IT/194 102 0 £4.73	IT/193 035 1 £0.95	IT/194 008 0 £1.89

Grinding attachment for DLeader scorer. (63mm dia. x 20mm bore) enables spare blades to be reground as a pair. Ref. IT/551 0701 £22.68

Panel Trimming & Sizing Sawblades Without Scorer

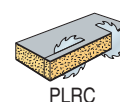
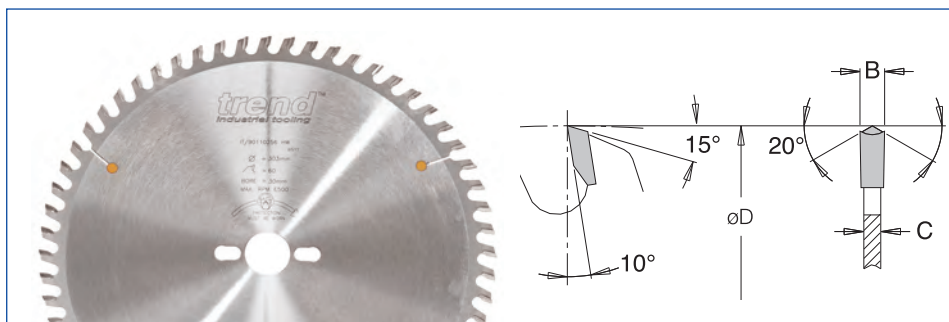
- Suitable for trimming and sizing with a super fine finish on single and double-sided laminated boards (chipboard, MDF etc).
- Hollow pointed tooth.
- Special tooth form allows blade to machine double-sided laminated board without a scorer.
- For use on a table or panel saw.
- Other bore sizes available, see page 17.



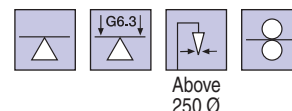
**Laminated
Boards**

**Hollow /Point Teeth
Super Fine Finish**

TCT

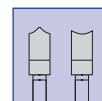


øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
253	48	IT/901 10 10 6	3.2	2.2	30	N	£86.63
303	60	IT/901 10 25 6	3.3	2.4	30	Y	£100.38
350	72	IT/901 10 30 6	3.2	2.2	30	Y	£125.69



Vertical Panel Trimming & Sizing Sawblades

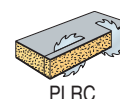
- Suitable for trimming and sizing with a super fine finish on single and double-sided laminated boards (chipboard, MDF etc).
- Hollow pointed tooth, negative hook.
- Special tooth form allows blade to machine double-sided laminated board without a scorer.
- For use on a vertical panel sizing machine.
- Other bore sizes available, see page 17.



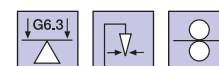
**Laminated
Boards**

**Hollow /Point Teeth
Super Fine Finish**

TCT



øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
220	42	IT/901 10 65 6	3.2	2.2	30	N	£72.24
253	48	IT/901 10 13 6	3.2	2.2	30	Y	£86.63
303	60	IT/901 10 85 6	3.2	2.2	30	Y	£100.38



**MANUFACTURING
TECHNOLOGY**



Balance



Dynamic
Balance



Straightening



Dynamic
Straightness



Tension



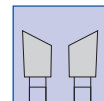
Low
Noise

All prices are exclusive of VAT

trend
Industrial tooling

Panel Trimming and Sizing Sawblades Without Scorer

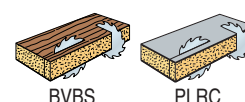
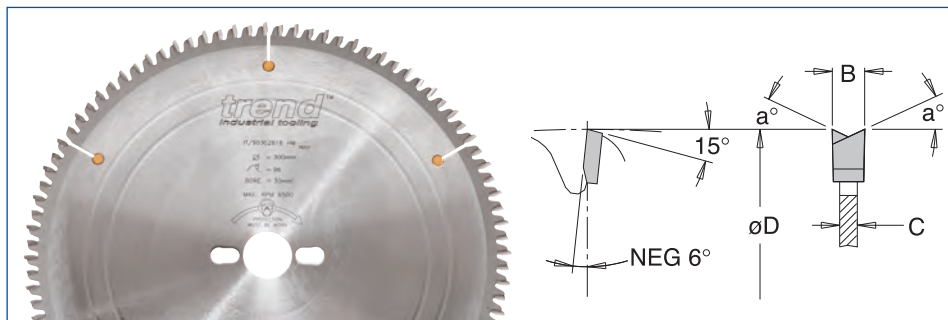
- Suitable for trimming and sizing with a super fine finish on single and double-sided laminated boards (chipboard, MDF etc).
- High bevel angle alternate bevel tooth, negative hook.
- Special tooth form allows blade to machine double-sided laminated board without a scorer.
- For use on a table or panel saw.
- Other bore sizes available, see page 17.



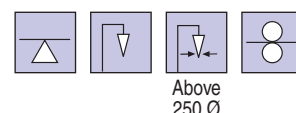
**Laminated
Boards &
Veneered Boards**

**Alternate Bevel Teeth
Super Fine Finish**

TCT

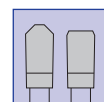


øD	Teeth	Product Ref.	B	C	a	ø bore	Stock	Price
200	64	IT/903 02 60 6	3.0	2.2	25°	30	N	£82.22
250	80	IT/903 02 70 6	3.4	2.6	25°	30	N	£100.38
300	96	IT/903 02 81 6	3.0	2.2	35°	30	Y	£114.14
300	96	IT/903 02 80 6	3.4	2.6	25°	30	N	£117.50
330	102	IT/903 02 85 6	3.4	2.6	25°	30	N	£142.28
350	108	IT/903 02 90 6	3.4	2.6	25°	30	N	£142.28
400	120	IT/903 03 00 6	4.0	3.2	25°	30	N	£158.76



Plastic Trimming & Sizing Sawblades

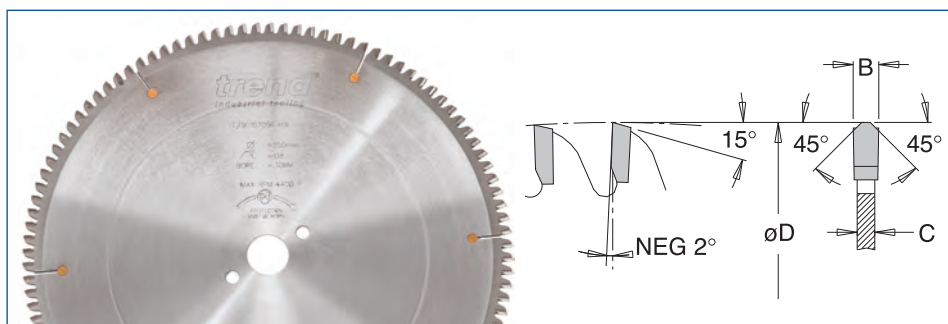
- Suitable for trimming and sizing acrylic sheets, Plexiglas and thermoplastic profiles.
- Triple chip, negative hook.
- Special tooth form reduces the possibility of "chip weld" or melting of material.
- For use on a table or panel saw.
- Other bore sizes available, see page 17.



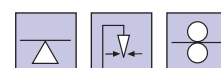
**Plastic
Sheets**

**Triple Chip Teeth
Medium/Fine Finish**

TCT

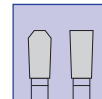


øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
250	80	IT/901 07 03 6	2.5	1.8	30	N	£111.93
300	96	IT/901 07 06 6	3.3	2.6	30	Y	£120.75
350	108	IT/901 07 09 6	3.7	3.0	30	Y	£163.80



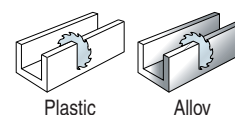
Stock Y normally kept in stock for next day delivery N not normally held in stock, delivery in a short time

- Suitable for trimming with a medium/fine finish on aluminium and plastic profiles.
- Triple chip, negative hook.
- Material must be firmly clamped on both sides of cut and sawblade should be lubricated during use.
- For use on mitre, double cross-cutting and sizing machines.
- Other bore sizes available, see page 17.

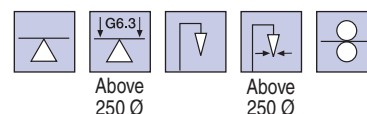


Plastic & Aluminium

**Triple Chip Teeth
Medium/Fine Finish**



	øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
N	160	48	IT/902 02 44 3	2.8	2.2	20	Y	£61.95
	190	60	IT/902 02 49 6	2.8	2.2	30	Y	£81.90
	216	64	IT/902 02 56 6	2.8	2.2	30	Y	£82.95
	250	60	IT/902 00 80 6	3.2	2.6	30	Y	£81.59
	250	80	IT/902 02 70 6	3.2	2.6	30	Y	£95.45
	250	100	IT/902 02 75 6	3.2	2.6	30	Y	£107.52
	275	72	IT/902 00 85 7	3.2	2.6	32	Y	£100.38
	300	72	IT/902 00 90 6	3.2	2.6	30	Y	£107.00
	300	96	IT/902 02 80 6	3.2	2.6	30	Y	£113.09
	330	80	IT/902 00 95 7	3.2	2.6	32	Y	£113.09
	330	102	IT/902 02 85 6	3.2	2.6	30	Y	£125.69
	330	102	IT/902 02 85 7	3.2	2.6	32	Y	£125.69
	350	84	IT/902 01 00 6	3.2	2.6	30	Y	£118.02
	350	108	IT/902 02 90 6	3.2	2.6	30	Y	£136.71
	380	100	IT/902 02 95 6	2.8	2.2	30	Y	£145.01
N	380	110	IT/SB/902 00 17	3.8	3.2	32	Y	£183.75
	400	96	IT/902 01 10 6	3.8	3.2	30	Y	£141.75
	400	120	IT/902 03 00 6	3.8	3.2	30	Y	£152.78
	420	96	IT/902 03 40 6	4.0	3.4	30	Y	£152.78
	450	108	IT/902 04 00 6	4.0	3.4	30	Y	£156.56
	450	120	IT/902 04 10 6	4.0	3.4	30	Y	£168.21
	500	120	IT/902 04 20 6	4.4	3.8	30	Y	£206.75



MANUFACTURING TECHNOLOGY



Balance



Dynamic
Balance



 Straightening



Dynamic
Straightness



Tension

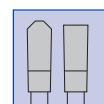


Low Noise

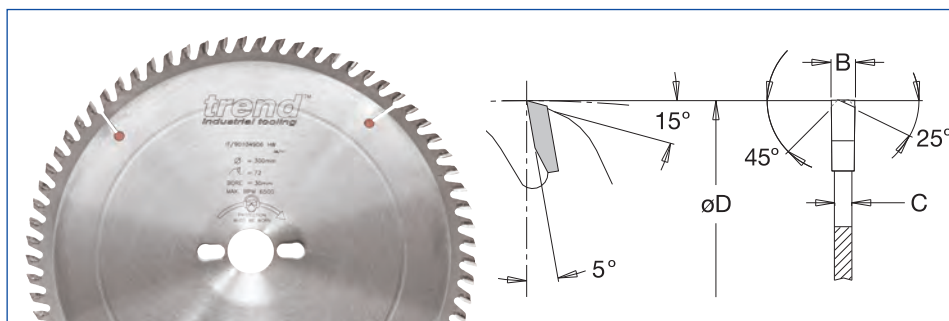
 **NEW SIZES****trend**
industrial tooling

NEW**Non-Ferrous Sawblades**

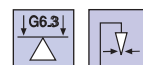
- Suitable for trimming with a medium/fine finish on solid aluminium bars.
- Triple chip tooth.
- Material must be firmly clamped on both sides of cut and sawblade should be lubricated during use.
- For use on mitre, double cross-cutting and sizing machines.
- Other bore sizes available, see page 17.

**Aluminium****Triple Chip Teeth
Medium/Fine Finish****TCT**

Aluminium



	øD	Teeth	Product Ref.	B	C	ø bore	Stock	Price
N	300	60	IT/902 50 10 6	3.4	2.8	30	Y	£113.40
N	300	80	IT/902 54 00 6	3.4	2.8	30	Y	£133.35
N	350	80	IT/902 50 20 6	3.6	3.0	30	Y	£144.90
N	350	100	IT/902 54 30 6	3.6	3.0	30	Y	£165.90
N	400	80	IT/902 50 30 6	3.8	3.2	30	Y	£160.95
N	400	120	IT/902 54 50 6	3.8	3.2	30	Y	£178.50
N	450	80	IT/902 56 00 6	4.0	3.4	30	Y	£191.10
N	450	100	IT/902 50 40 6	4.0	3.4	30	Y	£199.50
N	500	80	IT/902 56 03 6	4.2	3.5	30	Y	£211.05
N	500	100	IT/902 50 50 6	4.2	3.5	30	Y	£235.20
N	550	100	IT/902 56 06 6	4.4	3.8	30	Y	£288.75
N	550	120	IT/902 50 60 6	4.4	3.8	30	Y	£297.15



Stock Y normally kept in stock for next day delivery N not normally held in stock, delivery in a short time

Sawblade Re-boring and Pin-Holes

- Industrial sawblades can be re-bored and pin-holed in-house with next day delivery.
- Please contact our Technical Support (01923 249911) for full details.

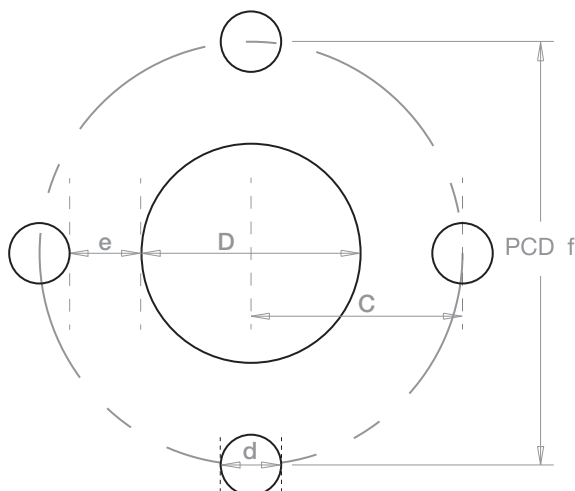
Sawblade bore enlargement from 30mm bore and minimum dia. 200mm - please contact Stockist

Sawblade pin holes per hole - please contact Stockist



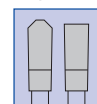
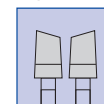
Required information, see drawing:

- Diameter of bore (D).
- Quantity of pin-holes and diameter of pin-holes (d).
- Centre of sawblade to centre of pin-hole dimension (C), or edge of sawblade bore to edge of pin-hole (e) or PCD (f).



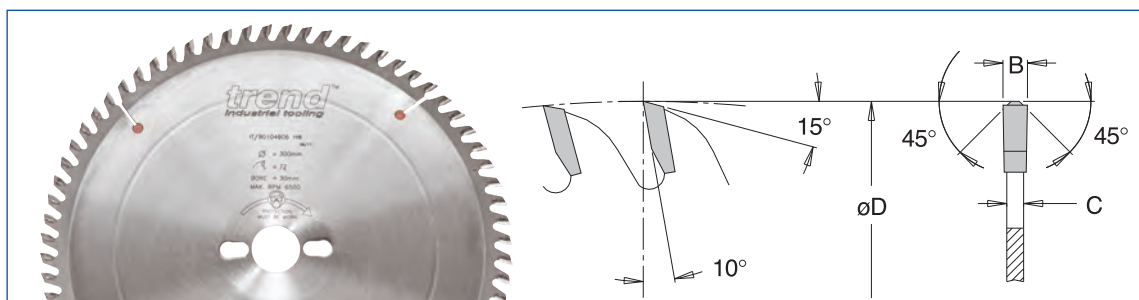


The Ultimate Sawing Blades

Tooth Type 1

Tooth Type 3


Main Sawblade for Panel Sizing Laminated Boards

- Suitable for sizing single or stacked boards (chipboard, MDF etc.) with laminate coating on both sides.
- Used in conjunction with the relevant scoring sawblade.
- Triple chip tooth.
- For use on a panel sizing machine with pressure beam.
- **MAX** quality for long lasting durability.
- Contact us for other machines not listed.

Boards & Laminated Boards
TCT


Machine	Saw Type	OD	Teeth	Product Ref.	B	Ød	Pin Holes	Tooth Type	Stock	Price
Giben	Main Blade	355	54	IT/955 311 0T	4.4	75	-	1	N	£142.80
	Main Blade	355	72	IT/955 311 5T	4.4	75	-	1	N	£166.53
	Scorer	125	24	IT/956 007 9M	4.4-5.3	45	-	3	N	£110.88
	Main Blade	400	60	IT/955 312 5T	4.4	75	4/15/105	1	N	£166.01
	Main Blade	400	72	IT/955 313 0T	4.4	75	4/15/105	1	N	£181.44
	Scorer	160	36	IT/956 019 5M	4.4-5.3	45	3/11/70	3	N	£118.55
	Main Blade	430	72	IT/955 315 0T	4.4	75	4/15/105	1	N	£206.22
	Main Blade	430	96	IT/955 315 5T	4.4	75	4/15/105	1	Y	£235.41
	Scorer	216	42	IT/956 027 0N	4.4-5.3	50	3/15/80	3	N	£140.60
	Scorer	300	48	IT/956 028 0N	4.4-5.3	50	3/15/80	3	Y	£158.24
	Main Blade	470	96	IT/955 317 5T	4.4	75	4/15/105	1	N	£253.03
	Scorer	216	42	IT/956 027 0N	4.4-5.3	50	3/15/80	3	N	£140.60
	Main Blade	550	72	IT/955 323 0Z	5.0	100	-	1	N	£269.01
	Scorer	180	30	IT/956 021 5C	5.0-5.7	55	-	3	Y	£115.29
	Main Blade	565	72	IT/955 323 2Z	5.0	100	-	1	Y	£308.70
	Scorer	180	30	IT/956 021 5C	5.0-5.7	55	-	3	Y	£115.29
	N Main Blade	355	72	IT/955 311 5R	4.4	60	2/14/100	1	N	£166.53
	N Scorer	180	30	IT/956 021 0M	4.4-5.3	45	-	3	N	£115.00
Holzma	N Main Blade	380	72	IT/955 312 3R	4.8	60	2/14/100	1	Y	£165.38
	N Scorer	200	36	IT/956 026 1M	4.8-6.0	45	-	3	N	£141.00
	N Main Blade	420	72	IT/955 314 0R	4.8	60	2/14/125 - 2/10/80	1	N	£208.95
	N Scorer	200	36	IT/956 026 1M	4.8-6.0	45	-	3	N	£141.00
	Main Blade	450	72	IT/955 317 0R	4.8	60	2/14/125 - 2/10/80	1	Y	£223.34
	Scorer	180	30	IT/956 021 6M	4.8-6.0	45	-	3	Y	£119.07
	Scorer	340	108	IT/955 110 9M	5.0	45	-	1	N	£269.01
	Main Blade	500	60	IT/955 318 5R	4.8	60	2/11/115	1	N	£221.66
	Main Blade	500	72	IT/955 319 5R	4.8	60	2/11/115	1	N	£240.35
	N Scorer	200	36	IT/956 026 1M	4.8-6.0	45	-	3	N	£141.00
	N Scorer	340	108	IT/955 110 9M	5.0	45	-	1	N	£269.01
	N Main Blade	520	72	IT/955 320 5R	4.8	60	2/11/115 - 2/19/120	1	N	£286.00
Schelling	N Scorer	200	36	IT/956 026 1M	4.8-6.0	45	-	3	N	£141.00
	N Main Blade	600	72	IT/955 330 1R	5.8	60	2/11/115 - 2/19/120	1	N	£305.97
	N Scorer	200	36	IT/956 026 8M	5.8-6.6	45	-	3	N	£148.00
	Main Blade	355	72	IT/955 311 56	4.4	30	-	1	Y	£160.97
	Scorer	200	36	IT/956 026 53	4.4-5.3	20	-	3	Y	£133.46
	Main Blade	400	60	IT/955 312 56	4.4	30	-	1	Y	£161.60
	Main Blade	400	72	IT/955 313 06	4.4	30	-	1	N	£178.08
	Scorer	200	36	IT/956 026 53	4.4-5.3	20	-	3	Y	£133.46
	Main Blade	450	72	IT/955 316 06	4.4	30	-	1	N	£200.13
	Scorer	200	36	IT/956 026 53	4.4-5.3	20	-	3	Y	£133.46

MANUFACTURING TECHNOLOGY


Balance



Dynamic Balance



Straightening



Dynamic Straightness



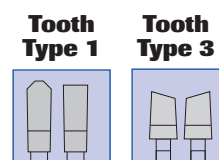
Tension



Low Noise

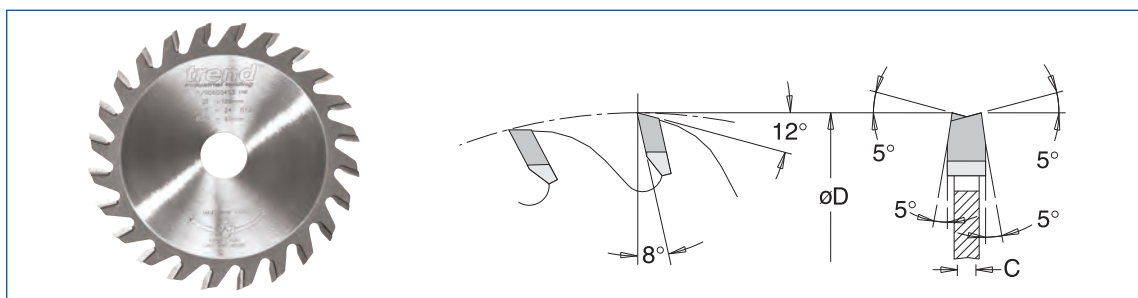
Scoring Sawblade for Panel Sizing Laminated Boards

- Suitable for sizing single or stacked boards (chipboard, MDF etc.) with laminate coating on both sides.
- Used in conjunction with the relevant main sawblade.
- Alternate bevel conical tooth.
- For use on a panel sizing machine with pressure beam.
- **D_{MAX}** quality for long lasting durability.
- Contact us for other machines not listed.



Boards & Laminated Boards

TCT



Machine	Saw Type	OD	Teeth	Product Ref.	B	Ød	Pin Holes	Tooth Type	Stock	Price
Schelling (contd.)	Main Blade	480	80	IT/955 317 76	4.4	30	-	1	N	£253.00
	Scorer	200	36	IT/956 026 53	4.4-5.3	20	-	3	Y	£133.46
	Main Blade	500	72	IT/955 319 06	4.4	30	-	1	N	£223.00
	Scorer	200	36	IT/956 026 53	4.4-5.3	20	-	3	Y	£133.46
	Main Blade	550	72	IT/955 323 09	5.0	40	-	1	N	£259.14
	Scorer	200	36	IT/956 026 53	4.4-5.3	20	-	3	Y	£133.46
SCM/ Gabbiani	Main Blade	305	60	IT/955 310 5U	4.4	80	2/14/110		N	£174.00
	Scorer	160	36	IT/956 019 5C	4.4-5.3	55	3/7/66	3	Y	£110.88
	Main Blade	355	72	IT/955 311 5U	4.4	80	2/7/110 - 4/9/100	1	N	£169.26
							- 2/14/110			
	Scorer	160	36	IT/956 019 5C	4.4-5.3	55	3/7/66	3	Y	£110.88
	Main Blade	380	72	IT/955 342 3U	4.4	80	2/7/110 - 4/9/100		N	£186.20
							- 2/14/110			
	Scorer	160	36	IT/956 019 5C	4.4-5.3	55	3/7/66	3	Y	£110.88
	Main Blade	380	72	IT/955 312 3U	4.8	80	2/14/110	1	Y	£179.24
	Scorer	200	36	IT/956 026 1U	4.8-6.0	80	2/14/110	3	Y	£169.26
	Main Blade	400	72	IT/955 313 0U	4.4	80	2/7/110 - 4/9/100	1	N	£189.00
							- 2/14/110			
Selco	Scorer	160	36	IT/956 019 5C	4.4-5.3	55	3/7/66	3	Y	£110.88
	Main Blade	420	72	IT/955 313 5U	4.4	80	2/14/110	1	Y	£190.79
	Scorer	160	36	IT/956 019 5C	4.4-5.3	55	3/7/66	3	Y	£110.88
	Main Blade	300	72	IT/955 310 4S	4.4	65	2/9/110	1	Y	£152.15
	Scorer	200	36	IT/956 026 5S	4.4-5.3	65	2/9/100 - 2/9/110	3	Y	£133.46
	Main Blade	320	72	IT/955 335 0S	4.4	65	2/9/110	1	N	£211.16
	Scorer	200	36	IT/956 026 5S	4.4-5.3	65	2/9/100 - 2/9/110	3	Y	£133.46
	Main Blade	355	72	IT/955 311 6U	4.4	80	2/9/130 - 4/19/120	1	N	£225.54
	Scorer	200	36	IT/956 026 5S	4.4-5.3	65	2/9/100 - 2/9/110	3	Y	£133.46
	Main Blade	380	72	IT/955 312 1U	4.4	80	2/9/130 - 4/19/120	1	N	£233.73
	Scorer	200	36	IT/956 026 5S	4.4-5.3	65	2/9/100 - 2/9/110	3	Y	£133.46
	Scorer	300	72	IT/955 110 6S	4.6	65	2/9/110	1	N	£208.95
	Main Blade	400	72	IT/955 313 2U	4.4	80	2/9/130 - 4/19/120	1	Y	£183.02
	Scorer	200	36	IT/956 026 5S	4.4-5.3	65	2/9/100 - 2/9/110	3	Y	£133.46
	Scorer	300	72	IT/955 110 6S	4.6	65	2/9/110	1	N	£208.95
	Main Blade	430	72	IT/955 315 0U	4.4	80	2/9/130 - 4/19/120	1	Y	£206.22
	Scorer	200	36	IT/956 026 5S	4.4-5.3	65	2/9/100 - 2/9/110	3	Y	£133.46
	Scorer	300	72	IT/955 110 6S	4.6	65	2/9/110	1	N	£208.95
	Main Blade	450	72	IT/955 316 0U	4.4	80	2/9/130 - 4/19/120	1	N	£208.95
	Scorer	200	36	IT/956 026 5S	4.4-5.3	65	2/9/100 - 2/9/110	3	Y	£133.46
	Main Blade	450	72	IT/955 317 0U	4.8	80	2/9/130 - 4/19/120	1	Y	£223.34
	Scorer	200	36	IT/956 026 1S	4.8-6.0	65	2/9/110	3	Y	£133.46
	Main Blade	480	72	IT/955 317 8U	4.8	80	2/9/130 - 4/19/120	1	N	£271.22
	Scorer	200	36	IT/956 026 1S	4.8-6.0	65	2/9/110	3	Y	£133.46

All prices are exclusive of VAT

NEW SIZES

trend
Industrial tooling



Sawblades by Diameter Look up Chart

Diam.	Teeth	Bore	B Kerf	Form	Product Ref.	Price	Page
80	2x10	20	2.8-3.6	ATB	IT/906 00 09 3	£79.38	11
100	20	20	3.0-4.1	ATB Con	IT/906 00 51 3	£87.15	11
100	20	22	3.0-4.1	ATB Con	IT/906 00 51 4	£87.15	11
100	20	20	3.2-4.1	ATB Con	IT/906 00 41 3	£87.15	11
100	20	22	3.2-4.1	ATB Con	IT/906 00 41 4	£87.15	11
100	2x12	20	2.8-3.6	ATB	IT/906 00 10 3	£79.38	11
100	2x12	20	2.8-3.6	ATB	IT/956 10 10 3	£225.54	12
100	2x12	22	2.8-3.6	ATB	IT/906 00 10 4	£79.38	11
120	24	20	2.8-3.6	ATB Con	IT/906 00 44 3	£87.15	11
120	24	22	2.8-3.6	ATB Con	IT/906 00 44 4	£87.15	11
120	24	20	3.2-4.1	ATB Con	IT/906 00 45 3	£87.15	11
120	24	20	3.2-4.1	ATB Con	IT/956 00 45 3	£105.84	11
120	24	22	3.2-4.1	ATB Con	IT/906 00 45 4	£87.15	11
120	24	22	3.2-4.1	ATB Con	IT/956 00 45 4	£105.84	11
120	2x12	20	2.8-3.6	ATB	IT/906 00 30 3	£84.42	11
120	2x12	20	2.8-3.6	ATB	IT/956 00 30 3	£112.46	11
120	2x12	20	2.8-3.6	ATB	IT/956 10 30 3	£233.73	12
120	2x12	20	2.8-3.6	ATB	IT/956 20 30 3	£233.73	12
120	2x12	22	2.8-3.6	ATB	IT/906 00 30 4	£84.42	11
120	2x12	22	2.8-3.6	ATB	IT/956 00 30 4	£112.46	11
120	2x12	22	2.8-3.6	ATB	IT/956 10 30 4	£233.73	12
125	24	20	3.0	ATB	IT/901 02 10 3	£33.60	8
125	24	20	3.2-4.1	ATB Con	IT/906 00 69 3	£87.15	11
125	24	22	3.2-4.1	ATB Con	IT/906 00 69 4	£87.15	11
125	24	45	4.4-5.3	ATB Con	IT/956 00 79 M	£110.88	19
125	40	20	3.0	ATB	IT/901 05 20 3	£55.65	9
125	2x12	20	2.8-3.6	ATB	IT/906 00 40 3	£84.42	11
125	2x12	20	2.8-3.6	ATB	IT/956 10 40 3	£233.73	12
125	2x12	22	2.8-3.6	ATB	IT/906 00 40 4	£84.42	11
125	2x12	22	2.8-3.6	ATB	IT/956 10 40 4	£233.73	12
150	24	20	3.0	ATB	IT/901 02 20 3	£40.85	8
150	48	20	3.0	ATB	IT/901 05 30 3	£55.65	9
150	48	30	3.0	TCF	IT/901 06 06 6	£57.75	10
160	24	20	2.6	ATB	IT/901 02 21 3	£38.85	8
160	36	45	4.4-5.3	ATB Con	IT/956 01 95 M	£118.55	18
160	36	55	4.4-5.3	ATB Con	IT/956 01 95 C	£110.88	19
160	48	20	2.6	ATB	IT/901 05 32 3	£55.65	9
160	48	20	2.8	TCF Neg	IT/902 02 44 3	£61.95	15
180	24	30	3.0	ATB	IT/901 01 30 6	£37.80	8
180	30	45	4.8-6.0	ATB Con	IT/956 02 16 M	£119.07	18
180	30	55	5.0-5.7	ATB Con	IT/956 02 15 C	£115.29	18
180	42	30	3.0	ATB	IT/901 03 80 6	£55.65	9
180	58	30	3.0	TCF	IT/901 06 07 6	£66.15	10
184	24	16	2.8	ATB	IT/901 01 31 E	£44.10	8
184	42	16	2.8	ATB	IT/901 03 85 E	£57.75	9
190	24	30	2.8	ATB	IT/901 01 33 6	£39.90	8
190	48	30	2.8	ATB	IT/901 03 95 6	£57.75	9
190	60	30	2.8	TCF Neg	IT/902 02 49 6	£81.90	15
200	24	n30	3.0	ATB	IT/901 01 40 6	£42.00	8
200	36	20	4.4-5.3	ATB Con	IT/956 02 65 3	£133.46	19
200	36	20	5.0-5.7	ATB Con	IT/956 02 62 3	£135.14	18
200	36	45	4.8-6.0	ATB Con	IT/956 02 61 M	£141.00	18
200	36	45	5.8-6.6	ATB Con	IT/956 02 68 M	£148.00	18
200	36	65	4.4-5.3	ATB Con	IT/956 02 65 S	£133.46	19
200	36	65	4.8-6.0	ATB Con	IT/956 02 61 S	£133.46	19
200	48	30	3.0	ATB	IT/901 04 00 6	£60.90	9
200	48	30	3.0	TCF	IT/901 04 70 6	£66.15	10
200	64	30	3.0	ATB	IT/901 05 50 6	£72.45	9
200	64	30	3.0	ATB	IT/903 02 60 6	£82.22	14
200	64	30	3.0	TCF	IT/901 06 08 6	£79.80	10
215	24	30	2.8	ATB Neg	IT/912 01 42 6	£42.00	7
215	48	30	2.8	ATB Neg	IT/912 04 11 6	£66.15	7
215	60	30	2.8	ATB Neg	IT/912 05 45 6	£74.55	7

Diam.	Teeth	Bore	B Kerf	Form	Product Ref.	Price	Page
215	80	30	2.8	ATB Neg	IT/SB/912 00 16	£76.65	7
216	42	50	4.4-5.3	ATB Con	IT/956 02 70 N	£140.60	18
216	60	30	2.8	ATB	IT/901 05 45 6	£75.60	9
216	64	30	2.8	TCF Neg	IT/902 02 56 6	£82.95	15
220	42	30	3.2	HP Neg	IT/901 10 65 6	£72.24	13
220	48	30	3.0	TCF	IT/901 04 72 6	£71.93	10
220	64	30	3.0	TCF	IT/901 06 12 6	£84.53	10
230	24	30	3.0	ATB	IT/901 01 50 6	£47.25	8
230	40	30	3.0	ATB	IT/901 02 50 6	£60.90	8
250	20	30	3.2	Flat	IT/901 00 30 6	£40.85	6
250	24	30	3.2	Flat	IT/901 00 40 6	£42.53	6
250	24	30	3.2	Flat	IT/901 00 95 6	£50.19	7
250	24	30	3.4	ATB Neg	IT/908 01 10 6	£57.33	7
250	30	30	3.2	ATB	IT/901 01 60 6	£ 50.19	8
250	40	30	3.2	ATB	IT/901 02 60 6	£ 57.96	8
250	40	30	3.2	TCF	IT/901 04 75 6	£ 66.15	10
250	42	30	3.4	ATB Neg	IT/908 01 20 6	£ 92.09	7
250	48	30	3.2	ATB	IT/901 02 63 6	£ 62.90	8
250	60	30	3.2	ATB	IT/901 04 10 6	£ 72.24	9
250	60	30	3.2	ATB	IT/950 04 10 6	£ 86.63	9
250	60	30	3.2	TCF	IT/901 04 80 6	£ 77.81	10
250	60	30	3.2	TCF Neg	IT/902 00 80 6	£ 81.59	15
250	60	30	3.2	TCF	IT/950 04 80 6	£ 94.29	10
250	72	30	3.2	ATB Neg	IT/901 40 60 6	£ 83.27	7
250	80	30	3.2	ATB	IT/901 05 70 6	£ 83.27	9
250	80	30	3.2	ATB	IT/950 05 70 6	£ 102.59	9
250	80	30	3.2	TCF	IT/901 06 10 6	£ 83.27	10
250	80	30	3.2	TCF	IT/950 06 10 6	£ 109.20	10
250	80	30	2.5	TCF Neg	IT/901 07 03 6	£ 111.93	14
250	80	30	3.2	TCF Neg	IT/902 02 70 6	£ 95.45	15
250	80	30	3.4	ATB	IT/903 02 70 6	£ 100.38	14
250	100	30	3.2	TCF Neg	IT/902 02 75 6	£ 107.52	15
253	48	30	3.2	HP	IT/901 10 10 6	£ 86.63	13
253	48	30	3.2	HP Neg	IT/901 10 13 6	£ 86.63	13
260	60	30	3.2	ATB Neg	IT/SB/912 00 26	£ 86.10	7
275	72	32	3.2	TCF Neg	IT/902 00 85 7	£ 100.38	15
300	24	30	3.2	Flat	IT/901 00 50 6	£ 50.72	6
300	24	30	3.2	Flat	IT/901 01 00 6	£ 59.54	7
300	24	30	4.0	Flat	IT/901 20 20 6	£ 66.15	6
300	24	30	4.4	Flat	IT/901 20 30 6	£ 66.15	6
300	28	30	3.2	Flat	IT/901 01 04 6	£ 63.42	7
300	30	30	3.2	Flat	IT/901 00 60 6	£ 56.28	6
300	36	30	3.2	ATB	IT/901 01 70 6	£ 60.17	8
300	36	30	3.8	ATB Neg	IT/908 01 30 6	£ 80.01	7
300	48	30	3.2	ATB	IT/901 02 70 6	£ 68.36	8
300	48	50	4.4-5.3	ATB Con	IT/956 02 80 N	£ 158.24	18
300	60	30	3.2	ATB	IT/901 04 20 6	£ 77.81	9
300	60	30	3.2	TCF	IT/901 04 85 6	£ 83.27	10
300	60	30	3.4	TCF	IT/902 50 10 6	£ 113.40	16
300	72	30	3.2	ATB	IT/901 04 30 6	£ 87.68	9
300	72	30	3.2	ATB	IT/950 04 30 6	£ 107.00	9
300	72	30	3.2	TCF	IT/901 04 90 6	£ 93.77	10
300	72	30	3.2	TCF	IT/950 04 90 6	£ 115.29	10
300	72	30	3.2	TCF Neg	IT/902 00 90 6	£ 107.00	15
300	72	65	4.6	ATB	IT/955 11 06 S	£ 208.95	19
300	72	65	4.4	TCF	IT/955 31 04 S	£ 152.15	19
300	80	30	3.4	TCF	IT/902 54 00 6	£ 133.35	16
300	96	30	3.2	ATB	IT/901 05 80 6	£ 98.18	9
300	96	30	3.2	ATB	IT/950 05 80 6	£ 119.70	9
300	96	30	3.2	TCF	IT/901 06 20 6	£ 97.65	10
300	96	30	3.2	TCF	IT/950 06 20 6	£ 127.89	10
300	96	30	3.3	TCF Neg	IT/901 07 06 6	£ 120.75	14
300	96	30	3.2	TCF Neg	IT/902 02 80 6	£ 113.09	15



Sawblades by Diameter Look up Chart

Diam.	Teeth	Bore	B Kerf	Form	Product Ref.	Price	Page
300	96	30	3.4	ATB	IT/903 02 80 6	£ 117.50	14
300	96	30	3.0	ATB	IT/903 02 81 6	£ 114.14	14
303	60	30	3.2	HP Neg	IT/901 10 85 6	£100.38	13
303	60	30	3.3	HP	IT/901 10 25 6	£100.38	13
305	48	30	3.2	ATB Neg	IT/SB/912 00 36	£71.40	7
305	60	30	3.2	ATB Neg	IT/SB/912 00 46	£98.70	7
305	60	80	4.4	TCF	IT/955 31 05 U	£174.00	19
315	24	30	3.2	Flat	IT/901 01 08 6	£63.42	7
315	48	30	3.2	ATB	IT/SB/901 00 16	£93.45	8
315	72	30	3.2	ATB	IT/SB/901 00 26	£103.95	9
320	72	65	4.4	TCF	IT/955 33 50 S	£211.16	18
330	80	32	3.2	TCF Neg	IT/902 00 95 7	£113.09	15
330	102	30	3.2	TCF Neg	IT/902 02 85 6	£133.98	15
330	102	30	3.4	ATB	IT/903 02 85 6	£142.28	14
330	102	32	3.2	TCF Neg	IT/902 02 85 7	£125.69	15
340	108	45	5.0	ATB	IT/955 11 09 M	£269.01	18
350	28	30	3.5	Flat	IT/901 00 70 6	£63.42	6
350	28	30	3.5	Flat	IT/901 01 10 6	£69.51	7
350	28	30	4.0	Flat	IT/901 20 60 6	£80.54	6
350	28	30	4.4	Flat	IT/901 20 50 6	£80.54	6
350	32	30	3.5	Flat	IT/901 01 13 6	£80.01	7
350	36	30	3.5	ATB	IT/901 01 79 6	£72.24	8
350	42	30	3.5	ATB	IT/901 01 80 6	£73.40	8
350	42	30	4.2	ATB Neg	IT/908 01 50 6	£97.65	7
350	54	30	3.5	ATB	IT/901 02 80 6	£84.42	8
350	72	30	3.2	HP	IT/901 10 30 6	£125.69	13
350	72	30	3.5	ATB	IT/901 04 40 6	£94.29	9
350	72	30	3.5	ATB	IT/950 04 40 6	£115.29	9
350	72	30	3.5	TCF	IT/901 04 95 6	£100.91	10
350	72	30	3.5	TCF	IT/950 04 95 6	£123.48	10
350	80	30	3.6	TCF	IT/902 50 20 6	£144.90	16
350	84	30	3.2	TCF Neg	IT/902 01 00 6	£118.02	15
350	84	30	3.5	ATB	IT/901 04 50 6	£107.00	9
350	84	30	3.5	ATB	IT/950 04 50 6	£130.73	9
350	84	30	3.5	TCF	IT/901 05 00 6	£115.29	10
350	84	30	3.5	TCF	IT/950 05 00 6	£140.07	10
350	100	30	3.6	TCF	IT/902 54 30 6	£165.90	16
350	108	30	3.2	TCF Neg	IT/902 02 90 6	£136.71	15
350	108	30	3.4	ATB	IT/903 02 90 6	£142.28	14
350	108	30	3.5	ATB	IT/901 05 90 6	£118.55	9
350	108	30	3.5	ATB	IT/950 05 90 6	£145.01	9
350	108	30	3.5	TCF	IT/901 06 30 6	£127.37	10
350	108	30	3.5	TCF	IT/950 06 30 6	£147.74	10
350	108	30	3.7	TCF Neg	IT/901 07 09 6	£163.80	14
355	54	75	4.4	TCF	IT/955 31 10 T	£142.80	18
355	72	30	4.4	TCF	IT/955 31 15 6	£160.97	18
355	72	60	4.4	TCF	IT/955 31 15 R	£166.53	18
355	72	75	4.4	TCF	IT/955 31 15 T	£166.53	18
355	72	80	4.4	TCF	IT/955 31 15 U	£169.26	19
355	72	80	4.4	TCF	IT/955 31 16 U	£225.54	19
380	72	60	4.8	TCF	IT/955 31 23 R	£165.38	18
380	72	80	4.4	TCF	IT/955 31 21 U	£233.73	19
380	72	80	4.4	TCF	IT/955 34 23 U	£186.20	19
380	100	30	2.8	TCF Neg	IT/902 02 95 6	£145.01	15
380	110	32	3.8	TCF Neg	IT/SB/902 00 17	£183.75	15
400	28	30	3.5	Flat	IT/901 01 15 6	£81.59	7
400	32	30	3.5	Flat	IT/901 00 80 6	£71.19	6
400	32	30	4.0	Flat	IT/901 21 10 6	£92.09	6
400	32	30	4.4	Flat	IT/901 20 90 6	£92.09	6
400	48	30	3.5	ATB	IT/901 01 90 6	£82.22	8
400	48	30	4.2	ATB Neg	IT/908 01 70 6	£111.41	7
400	60	30	3.5	ATB	IT/901 02 90 6	£93.77	8
400	60	30	4.4	TCF	IT/955 31 25 6	£161.60	18

Diam.	Teeth	Bore	B Kerf	Form	Product Ref.	Price	Page
400	60	75	4.4	TCF	IT/955 31 25 T	£166.01	18
400	72n	30	4.4	TCF	IT/955 31 30 6	£178.08	18
400	72	75	4.4	TCF	IT/955 31 30 T	£181.44	18
400	72	80	4.4	TCF	IT/955 31 30 U	£189.00	19
400	72	80	4.4	TCF	IT/955 31 32 U	£183.02	19
400	80	30	3.8	TCF	IT/902 50 30 6	£160.65	16
400	96	30	3.5	ATB	IT/901 04 60 6	£122.96	9
400	96	30	3.5	TCF	IT/901 05 10 6	£130.73	10
400	96	30	3.8	TCF Neg	IT/902 01 10 6	£141.75	15
400	120	30	3.5	ATB	IT/901 06 00 6	£141.75	9
400	120	30	3.5	TCF	IT/901 06 40 6	£151.62	10
400	120	30	3.8	TCF Neg	IT/902 03 00 6	£152.78	15
400	120	30	3.8	TCF	IT/902 54 50 6	£178.50	16
400	120	30	4.0	ATB	IT/903 03 00 6	£158.76	14
420	72	60	4.8	TCF	IT/955 31 40 R	£208.95	18
420	72	80	4.4	TCF	IT/955 31 35 U	£190.79	19
420	96	30	4.0	TCF Neg	IT/902 03 40 6	£152.78	15
430	72	75	4.4	TCF	IT/955 31 50 T	£206.22	18
430	72	80	4.4	TCF	IT/955 31 50 U	£206.22	19
430	96	75	4.4	TCF	IT/955 31 55 T	£235.41	18
450	32	30	4.0	Flat	IT/901 00 84 6	£80.01	6
450	40	30	4.0	Flat	IT/901 01 16 6	£112.46	7
450	54	30	4.0	ATB	IT/901 02 00 6	£112.46	8
450	66	30	4.0	TCF	IT/901 02 98 6	£135.66	10
450	66	30	4.0	ATB	IT/901 03 00 6	£126.84	8
450	72	30	4.4	TCF	IT/955 31 60 6	£200.13	18
450	72	60	4.8	TCF	IT/955 31 70 R	£223.34	18
450	72	80	4.4	TCF	IT/955 31 60 U	£208.95	19
450	72	80	4.8	TCF	IT/955 31 70 U	£223.34	19
450	80	30	4.0	TCF	IT/902 56 00 6	£191.10	16
450	100	30	4.0	TCF	IT/902 50 40 6	£199.50	16
450	108	30	4.0	TCF Neg	IT/902 04 00 6	£156.56	15
450	120	30	4.0	TCF Neg	IT/902 04 10 6	£168.21	15
450	132	30	4.0	ATB	IT/901 06 03 6	£163.80	9
450	132	30	4.0	TCF	IT/901 06 41 6	£175.35	10
470	96	75	4.4	TCF	IT/955 31 75 T	£253.05	18
480	72	80	4.8	TCF	IT/955 31 78 U	£271.22	19
480	80	30	4.4	TCF	IT/955 31 77 6	£253.00	19
500	36	30	4.4	Flat	IT/901 00 85 6	£97.65	6
500	44	30	4.4	Flat	IT/901 01 18 6	£135.66	7
500	60	30	4.4	ATB	IT/901 02 05 6	£133.98	8
500	60	60	4.8	TCF	IT/955 31 85 R	£221.66	18
500	72	30	4.4	ATB	IT/901 03 20 6	£135.14	8
500	72	30	4.4	TCF	IT/901 03 25 6	£144.48	10
500	72	30	4.4	TCF	IT/955 31 90 6	£223.00	19
500	72	60	4.8	TCF	IT/955 31 95 R	£240.35	18
500	80	30	4.2	TCF	IT/902 56 03 6	£211.05	16
500	100	30	4.2	TCF	IT/902 50 50 6	£235.20	16
500	120	30	4.4	ATB	IT/901 04 63 6	£183.65	9
500	120	30	4.4	TCF	IT/901 05 17 6	£197.40	10
500	120	30	4.4	TCF Neg	IT/902 04 20 6	£206.75	15
520	72	60	4.8	TCF	IT/955 32 05 R	£286.00	18
550	72	40	5.0	TCF	IT/955 32 30 9	£259.14	19
550	72	100	5.0	TCF	IT/955 32 30 Z	£269.01	18
550	100	30	4.4	TCF	IT/902 56 06 6	£288.75	16
550	120	30	4.4	TCF	IT/902 50 60 6	£297.15	16
565	72	100	5.0	TCF	IT/955 32 32 Z	£308.70	18
600	72	60	5.8	TCF	IT/955 33 01 R	£305.97	18

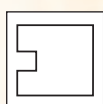
SPINDLE TOOLING

These cutters meet all the requirements of the modern woodworking industry. They include multi profile cutter heads with tool steel and Tungsten Carbide knives, Tungsten Carbide brazed tip tooling and disposable insert tooling.

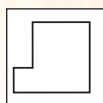
Disposable insert tooling brings the following benefits:

- A clean and accurate cut.
- Harder carbide grade than standard brazed tip tooling as no heat is used in the manufacturing process.
- Quick to set up.
- Saves tooling costs.
- No re-sharpening costs.
- Profile always remains the same.

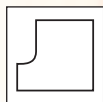
■ Technical information	22 - 23
■ Grooving	24 - 29, 94
■ Rebating	30 - 38
■ Profiling	38 - 44
■ Jointing	45 - 47
■ Frame and Panel Door	48 - 52
■ Lamello® Biscuit Blade	53 - 54
■ 40mm Multi Profile System	55 - 75
■ 50mm Multi Profile System	76 - 84
■ 60/80mm Multi Profile System	85 - 88
■ Ball Bearing Guide Rings	89
■ Spacers	90
■ Professional Starter Set	91
■ TSM50 Spindle Moulder	92 - 93
■ Spare Parts	96 - 99



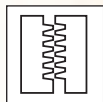
Grooving



Rebating



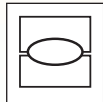
Profiling



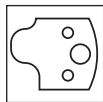
Jointing



Frame and Panel Door



Lamello® Biscuit Blade



Multi Profile System



SPINDLE TOOLING

All of the cutter blocks in this catalogue are supplied with 30mm and 1¼" bore as standard. Other bore sizes can be supplied, please ask for details.

Safety Standard EN 847-1/2

The harmonisation of various woodworking safety standards in 1997 resulted in the EN 847 norm being introduced across Europe. This new standard details technical safety requirements of machine tools for wood processing and is binding on all the EU countries and CEN member states. EN 847 replaces the standards that were previously in force in all the member states.

Limited cutter projection tooling (suitable for hand feed) dramatically reduces the severity of injury when hands come into contact with the rotating tool and the risk of material kickback.

MAN - Hand Feed Regulations

The regulations state that hand feed is regarded as the holding and guiding of work pieces by hand. The term 'hand-feed' also applies to the use of demountable power feed units or using a hand-operated carriage on which the workpiece is placed manually or clamped.

Hand feed tools have the following characteristics:

- Chip thickness limitation: max 1.1mm knife projection for non-circular tools and 3mm for circular tools.
- Limited tooth gullet space.
- Mainly circular form.

Tools conforming to this standard are marked MAN or carry the hand feed logo.

MEC - Mechanical Feed Regulations

Mechanical feed is the feeding of the material work-piece by mechanical means. Tools conform to general safety standards, but are not subject to standards concerning knife projection or tooth gullet width.

All the cutters in the spindle section are manufactured in accordance with the EN 847 standard and are marked with the following information:

Company Name _____ Trend Industrial Tooling
Feed Type _____ e.g. MAN or MEC
Dimensions _____ e.g. Cutting Diameter x
Width of cut x Bore in mm
RPM _____ e.g. nMin - nMax or nMax
Month/Year of Manufacture _____ e.g. coded

trend
industrial tooling

23

Limited cutter projection tooling (suitable for hand feed) dramatically reduces the severity of injury when hands come into contact with the rotating tool and the risk of material kickback.

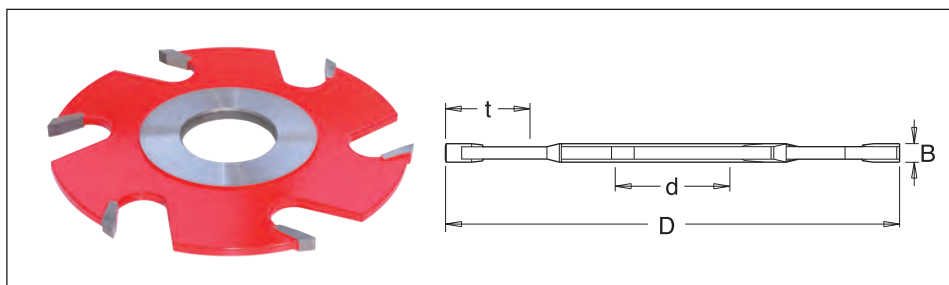
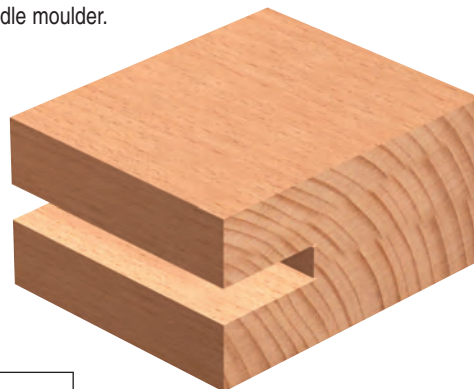
Hand feed tools have the following characteristics:



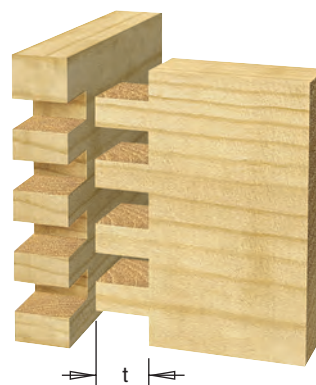
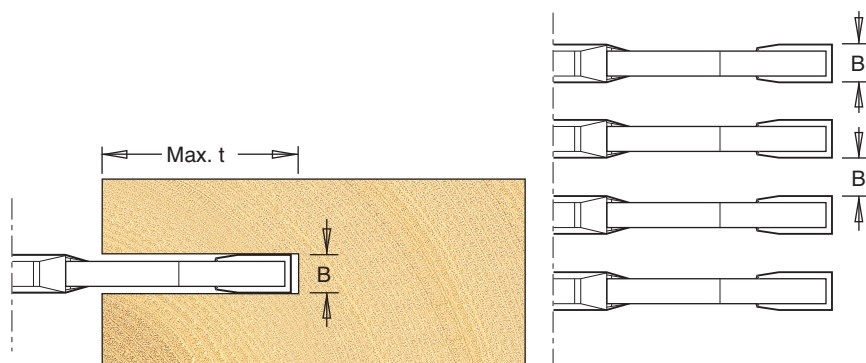
- Company Name _____ Trend Industrial Tooling
Feed Type _____ e.g. MAN or MEC
Dimensions _____ e.g. Cutting Diameter x
Width of cut x Bore in mm
RPM _____ e.g. nMin - nMax or nMax
Month/Year of Manufacture e.g. coded

Grooving Cutters 3-16mm

- Hard wearing steel body complete with 6 Tungsten Carbide tips (z).
- Suitable for producing grooves and slots in softwood, hardwood and man-made boards on a spindle moulder.
- Can be used with spacer rings (page 90) for comb jointing.
- Tungsten Carbide teeth can be re-ground (will effect tool dimensions).
- Recommended RPM (n) 125mm diameter 6,100 – 10,500. 150mm diameter 5,200 - 8,900.
- Suitable for Hand Feeding (MAN).
- 180mm diameter available to special order.


TCT

D	B	z	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
125	3	6	32	IT/707 001 1	IT/707 001 7	Y	£66.68
125	4	6	32	IT/707 004 1	IT/707 004 7	Y	£66.68
125	5	6	32	IT/707 007 1	IT/707 007 7	Y	£68.57
125	6	6	32	IT/707 010 1	IT/707 010 7	Y	£71.82
125	8	6	32	IT/707 013 1	IT/707 013 7	Y	£75.60
125	10	6	32	IT/707 016 1	IT/707 016 7	Y	£81.27
125	12	6	32	IT/707 019 1	IT/707 019 7	Y	£86.00
125	14	6	32	IT/707 022 1	IT/707 022 7	Y	£94.08
125	16	6	32	IT/707 025 1	IT/707 025 7	Y	£121.80
150	4	6	45	IT/707 031 1	IT/707 031 7	Y	£72.77
150	5	6	45	IT/707 034 1	IT/707 034 7	Y	£76.55
150	6	6	45	IT/707 037 1	IT/707 037 7	Y	£79.80
150	8	6	45	IT/707 040 1	IT/707 040 7	Y	£80.54
150	10	6	45	IT/707 043 1	IT/707 043 7	Y	£92.19
150	12	6	45	IT/707 046 1	IT/707 046 7	Y	£97.34
150	14	6	45	IT/707 049 1	IT/707 049 7	Y	£108.15
150	16	6	45	IT/707 052 1	IT/707 052 7	Y	£135.36



Key

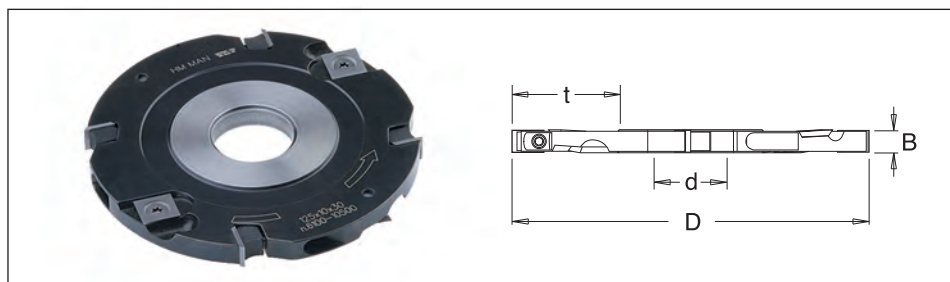
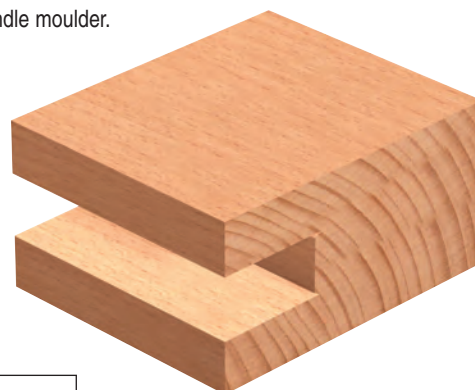
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Grooving Cutters with Scorers 4-12mm

- Hard wearing steel body complete with disposable Tungsten Carbide knives (z) and scorers (v).
- Suitable for producing grooves and slots in softwood, hardwood and man-made boards on a spindle moulder.
- Can be used with spacer rings (page 90) for comb jointing.
- Recommended RPM (n) 150mm diameter 5,200 – 8,900. 180mm diameter 4,200 - 7,200.
- Suitable for Hand Feeding (MAN).
- 125mm diameter available to special order.



Hand Feed



EN847-1/2

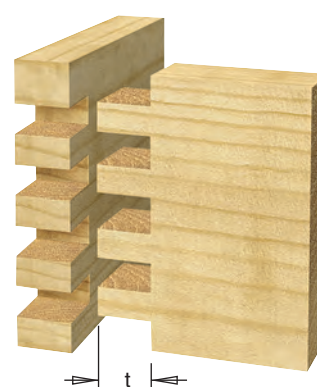
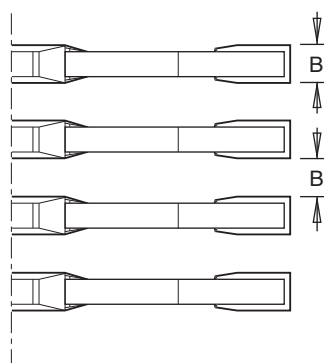
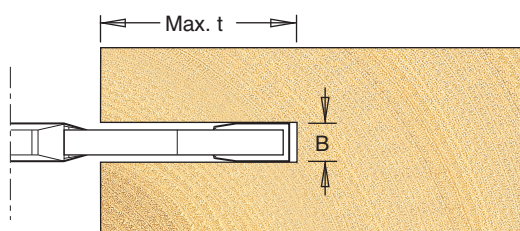
D	B	z	v	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
150	4	4	4	45	IT/721 004 1	IT/721 004 7	Y	£128.00
150	5	4	4	45	IT/721 005 1	IT/721 005 7	Y	£132.83
150	6	4	4	45	IT/721 006 1	IT/721 006 7	Y	£140.39
150	8	4	4	45	IT/721 013 1	IT/721 013 7	Y	£108.26
150	10	4	4	45	IT/721 014 1	IT/721 014 7	Y	£116.76
150	12	4	4	45	IT/721 015 1	IT/721 015 7	Y	£123.83
180	4	8	8	55	IT/721 007 1	IT/721 007 7	Y	£223.02
180	6	8	8	55	IT/721 009 1	IT/721 009 7	Y	£241.40
180	8	4	8	55	IT/721 016 1	IT/721 016 7	Y	£118.13
180	10	4	8	55	IT/721 017 1	IT/721 017 7	Y	£123.38
180	12	4	8	55	IT/721 018 1	IT/721 018 7	Y	£128.00

Spare Knives

Description	T.C. Blade					
Product Ref.	IT/300 850 1/10	IT/300 850 4/10	IT/300 850 5/10	IT/310 751 2/10	IT/300 750 7/10	IT/300 750 9/10
Size	18x18x2 B=4mm	18x18x2.5 B=5mm	18x18x2.95 B=6mm	7.5x12x1.5 B=8mm	9.6x12x1.5 B=10mm	11.6x12x1.5 B=12mm
Price	£55.00	£65.00	£74.00	£30.77	£25.52	£35.00

Spare Scorers

Description	T.C. Blade	
Product Ref.	IT/300 850 2/10	IT/300 850 3/10
Size	14x14x1.2 B=4-6mm	14x14x2 B=8-12mm
Price	£25.52	£20.37



Key

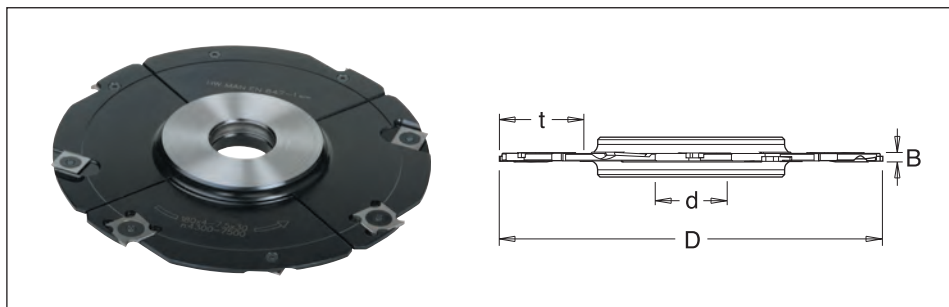
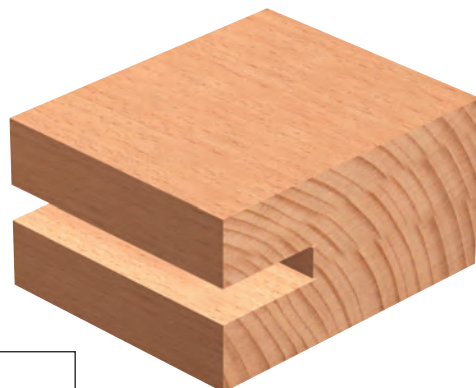
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Adjustable Grooving Cutters with Scorers 4-24mm

- Hard wearing steel body complete with disposable Tungsten Carbide knives (z) and scorers (v).
- Suitable for producing various width grooves and slots in softwood, hardwood and man-made boards on a spindle moulder.
- Cutting width can be adjusted by 0.1mm by using supplied spacer rings.
- Recommended RPM (n) 160mm diameter 4,800 – 8,300. 180mm diameter 4,300 – 7,500.
- Suitable for Hand Feeding (MAN).



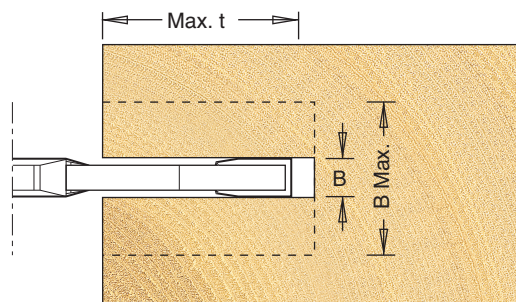
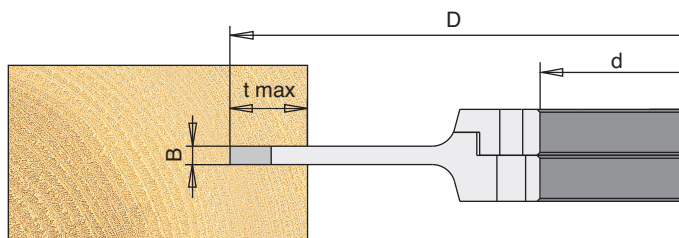
D	B	z	v	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
160	4.0 - 7.5	8	4	30	IT/722 001 1	IT/722 001 7	Y	£283.50
160	8.0 - 15.0	4	4	30	IT/722 002 1	IT/722 002 7	Y	£235.31
160	12.5 - 24.0	4	4	30	IT/722 003 1	IT/722 003 7	Y	£246.65
180	4.0 - 7.5	8	4	40	IT/722 010 1	IT/722 010 7	Y	£313.32
180	8.0 - 15.0	4	4	40	IT/722 004 1	IT/722 004 7	Y	£257.99
180	12.5 - 24.0	4	4	40	IT/722 005 1	IT/722 005 7	Y	£300.09

Spare Knives

Description	T.C. Blade		
Product Ref.	IT/300 850 1/10	IT/310 751 2/10	IT/300 750 9/10
Size	18x18x2 B=4-7.5mm	7.5x12x1.5 B=8-15mm	11.6x12x1.5 B=12.5-24mm
Price	£55.00	£30.77	£35.00

Spare Scorers

Description	T.C. Blade	
Product Ref.	IT/300 850 2/10	IT/300 850 3/10
Size	14x14x1.2 B=4-7.5mm	14x14x2 B=8-24mm
Price	£25.52	£20.37



Key

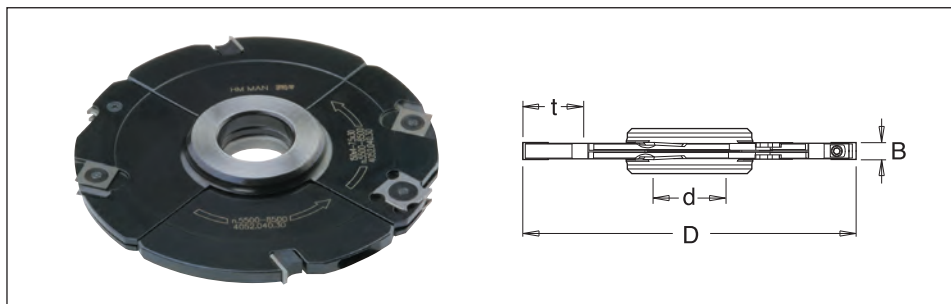
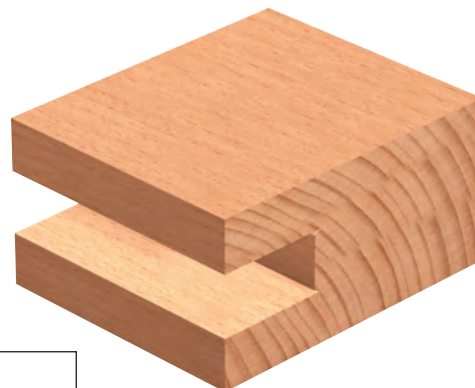
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

3 Part Disposable Insert Adjustable Grooving Cutters with Scorers 4-30mm

- Hard wearing steel body complete with disposable Tungsten Carbide knives (z) and scorers (v).
- Suitable for producing various width grooves and slots in softwood, hardwood and man-made boards on a spindle moulder.
- Cutting width can be adjusted by 0.1mm by using supplied spacer rings.
- Recommended RPM (n) 5,500 – 8,000.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

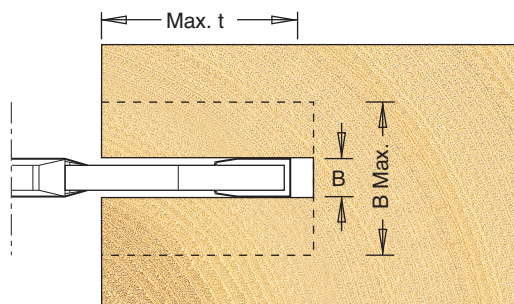
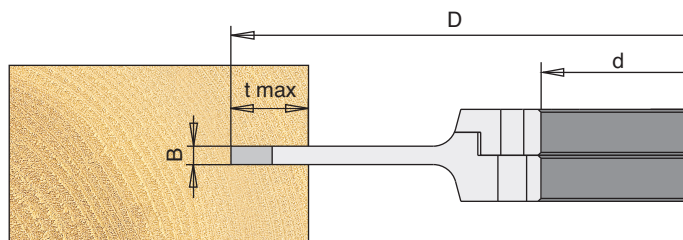
D	B	z	v	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
150	4.0 - 15.5	4+2	4	45	IT/722 030 1	IT/722 030 7	Y	£386.09
N 150	8.0 - 30.0	4+2	4	45	IT/ST/AG001	IT/ST/AG007	Y	£459.00

Spare Knives

Description	T.C. Blade		
Product Ref.	IT/300 850 1/10	IT/ST/TCI01	IT/310 751 2/10
Size	18x18x2 B=4-15.5mm	15x12x1.5 B=8-30mm	7.5x12x1.5 B=4-30mm
Price	£55.00	£4.50	£30.77

Spare Scorers

Description	T.C. Blade	
Product Ref.	IT/300 850 2/10	IT/300 850 3/10
Size	14x14x1.2 B=4-15.5mm	14x14x2 B=8-30mm
Price	£25.52	£20.37



Key

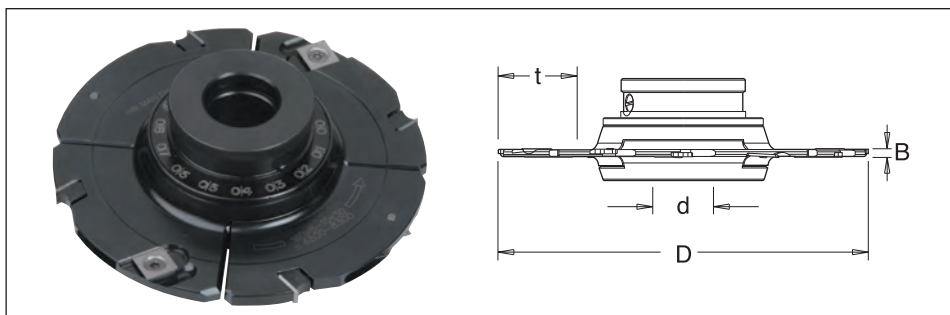
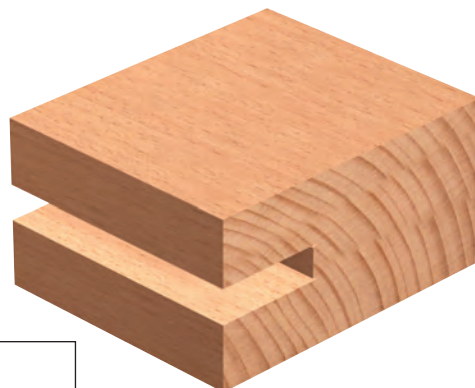
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Dial Adjustable Disposable Insert Grooving Cutters with Scorers 4-24mm

- Hard wearing steel body complete with disposable Tungsten Carbide knives (z) and scorers (v).
- Suitable for producing various width grooves and slots in softwood, hardwood and man-made boards on a spindle moulder.
- Cutting width can be adjusted by 0.1mm using adjustable dial gauge without removing tool from machine.
- Recommended RPM (n) 160mm diameter 4,800 – 8,300. 180mm diameter 4,300 – 7,500.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

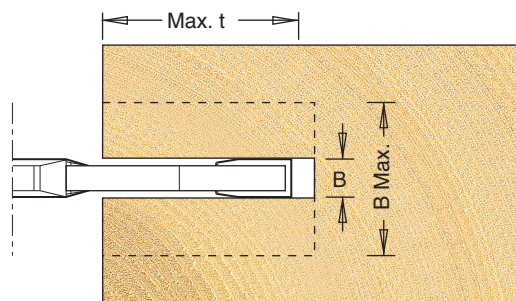
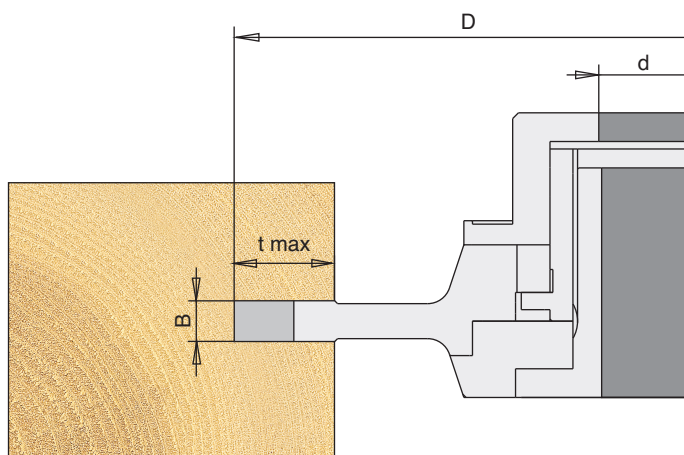
D	B	z	v	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
160	4.0 - 7.5	8	4	30	IT/722 016 1	IT/722 016 7	Y	£379.89
160	8.0 - 15.0	4	4	30	IT/722 008 1	IT/722 008 7	Y	£330.75
160	12.5 - 24.0	4	4	30	IT/722 009 1	IT/722 009 7	Y	£348.29
180	4.0 - 7.5	8	4	40	IT/722 017 1	IT/722 017 7	Y	£407.30
180	8.0 - 15.0	4	4	40	IT/722 011 1	IT/722 011 7	Y	£356.27
180	12.5 - 24.0	4	4	40	IT/722 012 1	IT/722 012 7	Y	£376.64

Spare Knives

Description	T.C. Blade		
Product Ref.	IT/300 850 1/10	IT/310 751 2/10	IT/300 750 9/10
Size	18x18x2 B=4-7.5mm	7.5x12x1.5 B=8-15mm	11.6x12x1.5 B=12.5-24mm
Price	£55.00	£30.77	£35.00

Spare Scorers

Description	T.C. Blade	
Product Ref.	IT/300 850 2/10	IT/300 850 3/10
Size	14x14x1.2 B=4-7.5mm	14x14x2 B=8-24mm
Price	£25.52	£20.37



Key

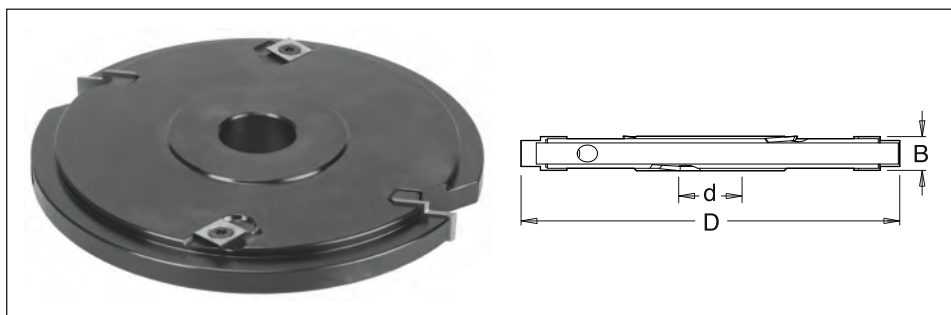
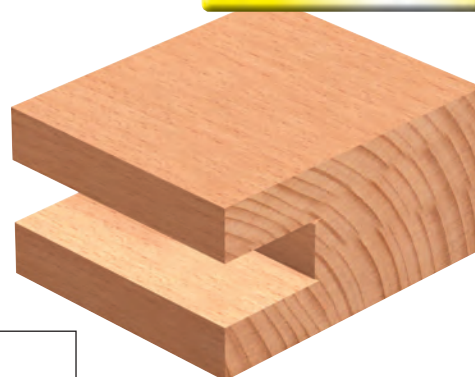
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Espagnolette Grooving Cutter with Scorers

- Hard wearing steel body complete with disposable Tungsten Carbide knives (z) and scorers (v).
- Suitable for producing a stepped groove in a softwood or hardwood window sash to accommodate an Espagnolette lock on a spindle moulder.
- Recommended RPM (n) 4,000 – 7,500.
- Suitable for Hand Feeding (MAN).

NEW


Hand Feed



EN847-1/2

D	B	z	v	30mm Bore d	1 1/4" Bore d	Stock	Price
180	16.3	2	4	IT/752 210 1	IT/752 210 7	Y	£197.00

Spare Knives

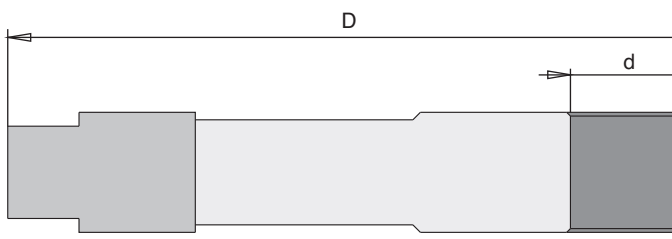
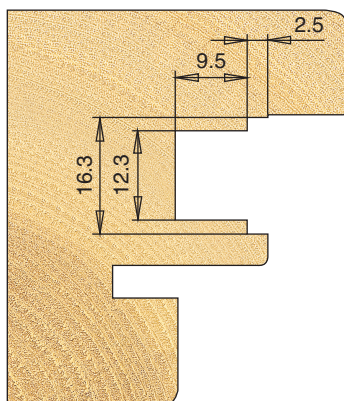
Description	T.C. Blade
Product Ref.	IT/310 814 0
Size	16x25x2 B=16.3mm
Price	£29.00

Spare Scorers

Description	T.C. Blade
Product Ref.	IT/300 850 3/10
Size	14x14x2
Price	£20.37



Espagnolette Lock (please note extra groove needs to be routed to accommodate lock mechanism).



Key

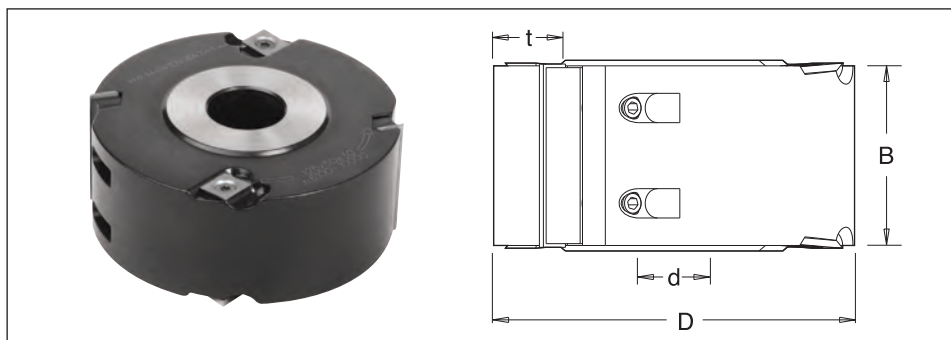
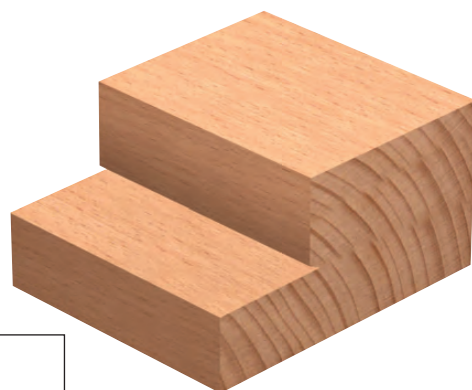
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Rebating Cutter Blocks

- Hard wearing steel and alloy body complete with disposable Tungsten Carbide knives (z) and scorers (v).
- Suitable for producing various thickness rebates in softwood, hardwood and man-made boards on a spindle moulder.
- Recommended RPM (n) 90mm diameter 8,500 – 12,000. 100mm diameter 7,600 – 12,900. 125mm diameter 6,100 – 10,000.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

D	B	z	v	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
90	40	2	4	15	IT/733 201 1*	IT/733 201 7*	Y	£71.30
100	30	2	4	20	IT/733 105 1	IT/733 105 7	Y	£89.25
100	50	2	4	20	IT/733 106 1	IT/733 106 7	Y	£89.25
125	50	2	4	30	IT/733 302 1*	IT/733 302 7*	Y	£76.13
125	50	2	4	30	IT/733 102 1	IT/733 102 7	Y	£91.67
125	60	2	4	30	IT/733 103 1	IT/733 103 7	Y	£103.53

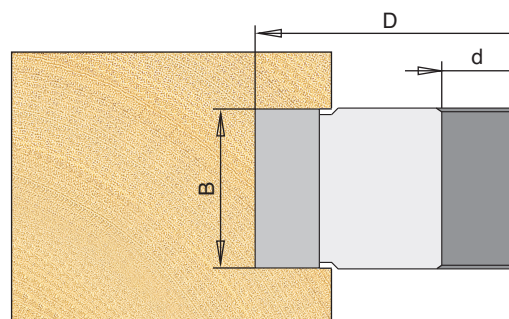
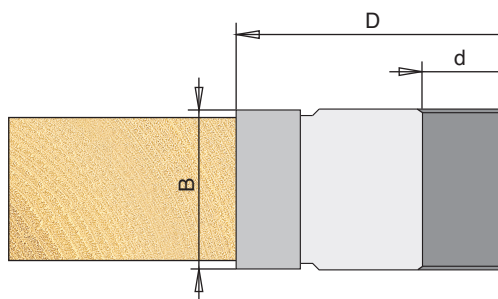
* Hard wearing alloy body

Spare Knives

Description	T.C. Blade			
Product Ref.	IT/310 123 0/10	IT/300 052 8/10	IT/310 125 0/10	IT/300 053 1/10
Size	30x12x1.5 B=30mm	40x12x1.5 B=40mm	50x12x1.5 B=50mm	60x12x1.5 B=60mm
Price	£20.37	£30.77	£30.77	£51.03

Spare Scorers

Description	T.C. Blade
Product Ref.	IT/300 850 3/10
Size	14x14x2 B=30-60mm
Price	£20.37



Key

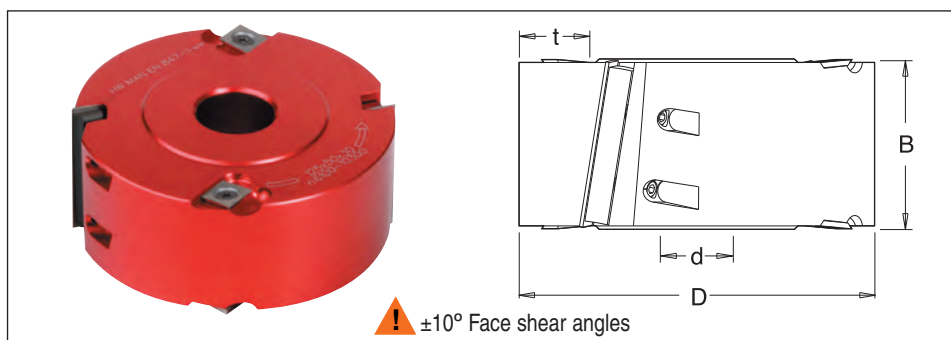
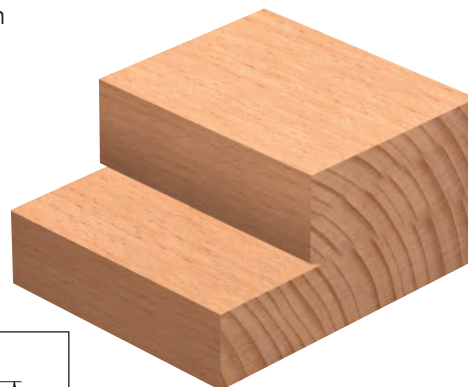
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Shear Rebating Cutter Blocks

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z) and scorers (v).
- Suitable for producing various thickness rebates in softwood, hardwood and man-made boards on a spindle moulder.
- Shear angle reduces tear out and improves quality of cut.
- Recommended RPM (n) 125mm diameter 6,100 – 10,300. 150mm diameter 5,200 – 8,600.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

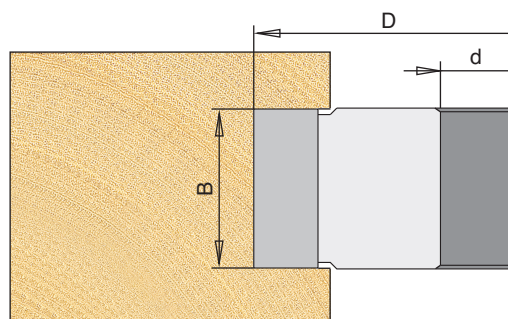
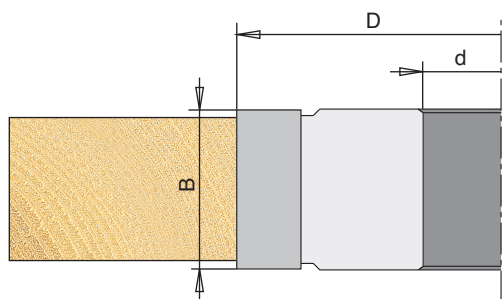
D	B	z	v	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
125	50	2	4	27	IT/733 004 1	IT/733 004 7	Y	£128.00
125	60	2	4	27	IT/733 005 1	IT/733 005 7	Y	£146.48
150	60	2	4	40	IT/733 006 1	IT/733 006 7	Y	£ 161.60

Spare Knives

Description	T.C. Blade	
Product Ref.	IT/310 125 0/10	IT/300 053 1/10
Size	50x12x1.5 B=50mm	60x12x1.5 B=60mm
Price	£30.77	£51.03

Spare Scorers

Description	T.C. Blade
Product Ref.	IT/300 850 3/10
Size	14x14x2 B=50-60mm
Price	£20.37

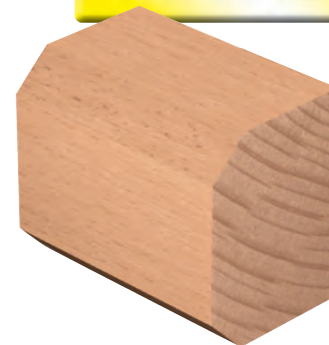


Key

Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

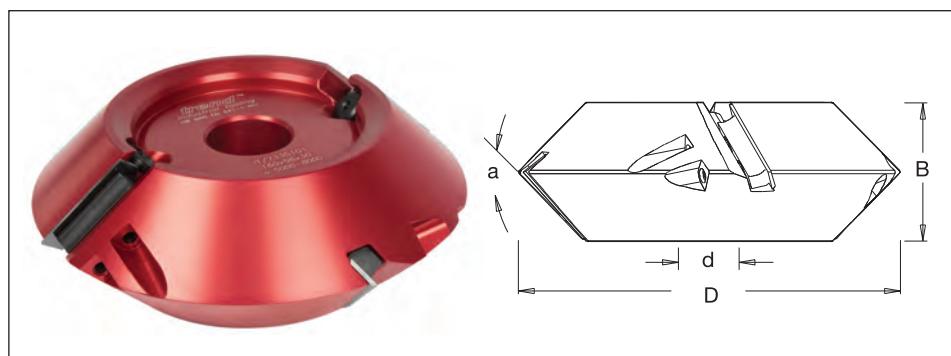
Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

NEW

Disposable Insert 90° Folding, Jointing and Chamfering Cutter Block

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing v-grooves, chamfers and rebates in softwood, hardwood on a tilting spindle moulder.
- Produces a very good quality cut almost like working with a hand plane.
- Recommended RPM (n) 5,000 – 8,000.
- Suitable for Hand Feeding (MAN).



Hand Feed

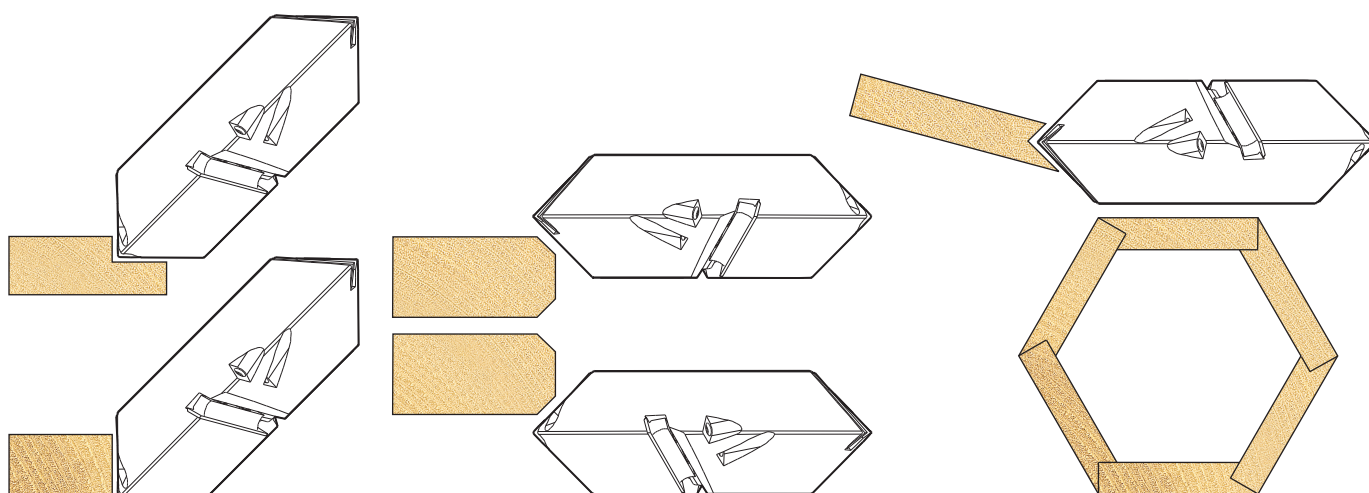


EN847-1/2

D	B	z	a	30mm Bore d	1 1/4" Bore d	Stock	Price
160	56	2+2	90°	IT/733 510 1	IT/733 510 7	Y	£280.00

Spare Knife

Description	T.C. Blade
Product Ref.	IT/300 052 8/10
Size	40x12x1.5
Price	£30.77



Key

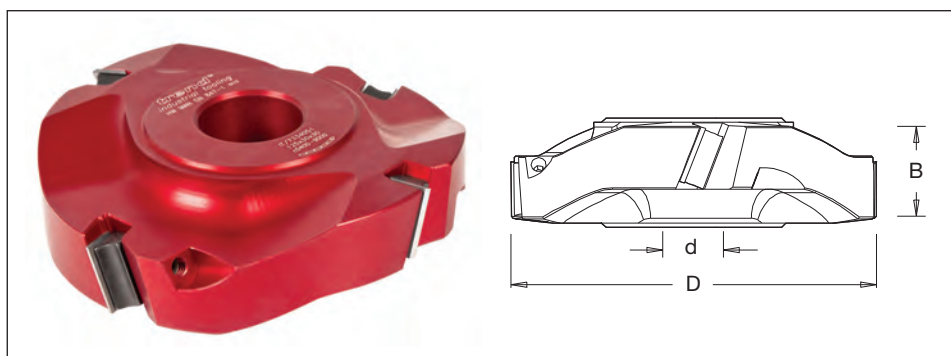
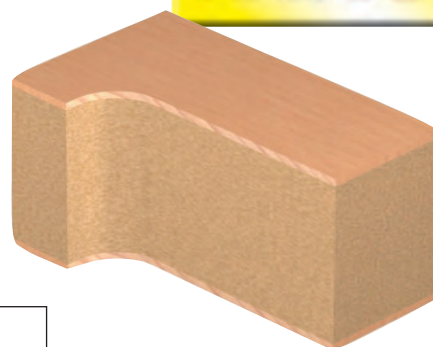
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Up and Down Shear Rebating Cutter Block

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for finish sizing board that is laminated on both top and bottom on a spindle moulder.
- Shear cutting angle on top and bottom ensures a very clean cut without chipping. Use on laminated board to clean edge after sawing and before edging.
- Recommended RPM (n) 6,100 – 9,000.
- Suitable for Hand Feeding (MAN).

NEW


Hand Feed

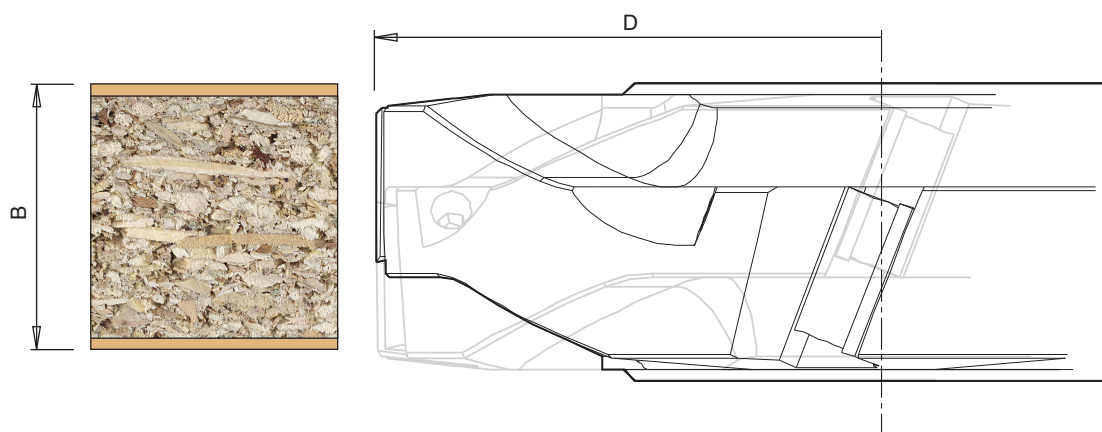


EN847-1/2

D	B	z	30mm Bore d	1 1/4" Bore d	Stock	Price
125	30	2+2	IT/733 405 1	IT/733 405 7	Y	£240.00

Spare Knife

Description	T.C. Blade
Product Ref.	IT/311 122 0/10
Size	20x12x1.5
Price	£45.00



Key

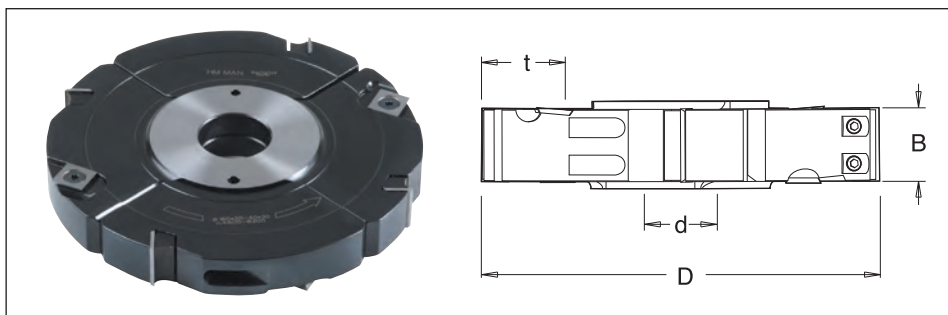
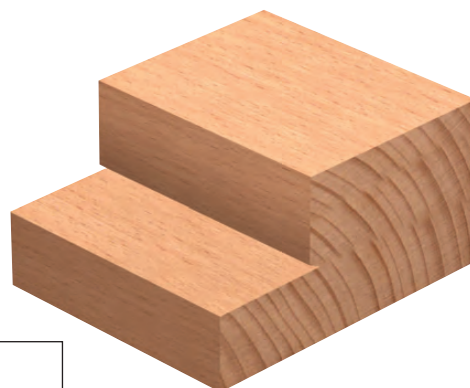
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Adjustable Grooving and Rebating Cutter Block with Scorers 20.6 – 100.0mm

- Hard wearing steel body complete with disposable Tungsten Carbide knives (z) and scorers (v).
- Suitable for producing various width grooves and rebates in softwood, hardwood and man-made boards on a spindle moulder.
- Cutting width can be adjusted by 0.1mm by using supplied spacer rings.
- Recommended RPM (n) 4,800 – 8,000.
- Suitable for Hand Feeding (MAN).
- 200mm diameter available to special order.



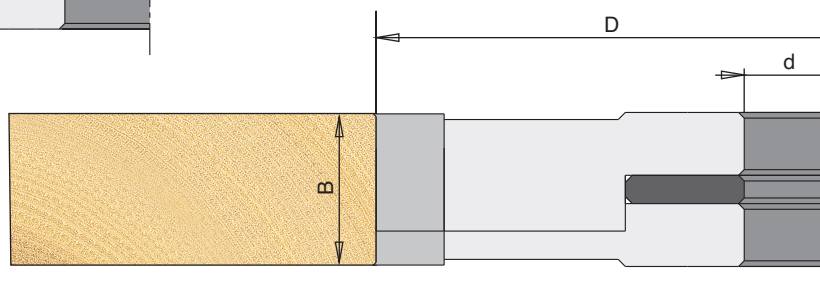
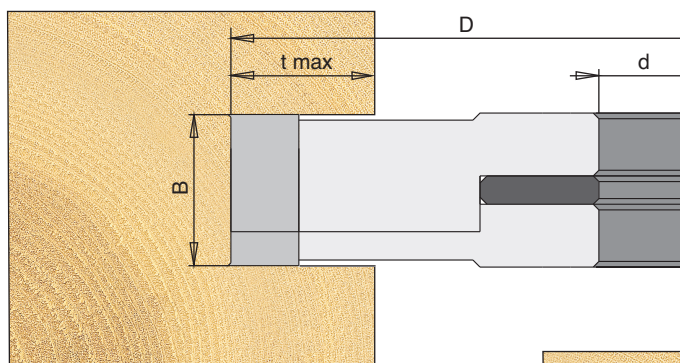
D	B	z	v	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
160	20.6 - 40.0	4	4	40	IT/722 007 1	IT/722 007 7	Y	£267.96
160	30.6 - 60.0	4	4	40	IT/722 032 1	IT/722 032 7	Y	£310.49
160	50.6 - 100.0	4	4	40	IT/722 033 1	IT/722 033 7	Y	£352.49

Spare Knives

Description	T.C. Blade		
Product Ref.	IT/310 122 0/10	IT/310 123 0/10	IT/310 125 0/10
Size	20x12x1.5 B=20.6-40mm	30x12x1.5 B=30.6-60mm	50x12x1.5 B=50.6-100mm
Price	£20.37	£20.37	£30.77

Spare Scorers

Description	T.C. Blade
Product Ref.	IT/300 850 3/10
Size	14x14x2 B=20.6-100mm
Price	£20.37



Key

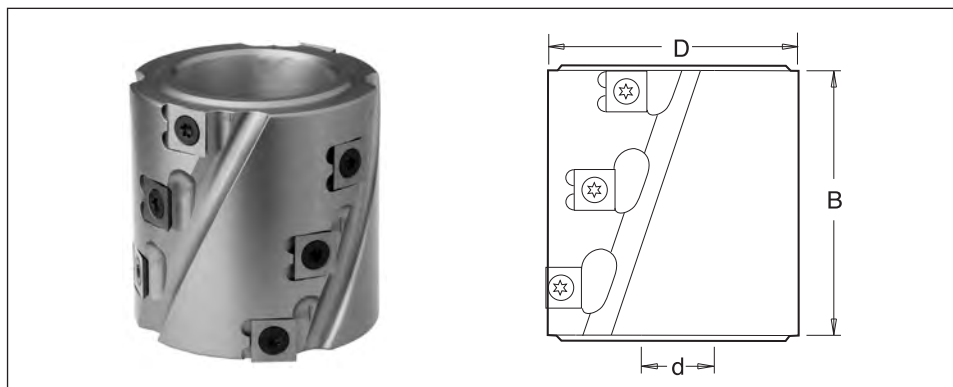
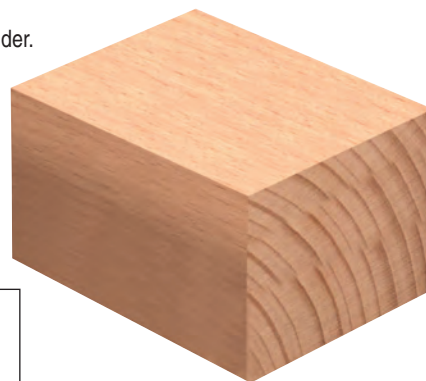
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Spiral Planing Cutter Block

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for rough planing and routing of softwood, hardwood and man-made boards on a spindle moulder.
- Can also be used with a ball bearing guide for template work.
- Will leave slight witness lines on the edge of the material.
- Recommended RPM (n) 8,000 – 12,000.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

D	B	z	30mm Bore d	1 1/4" Bore d	Stock	Price
62	82	12	IT/ST/PH001	IT/ST/PH007	Y	£122.85
80	100	16	IT/ST/PH011	IT/ST/PH017	Y	£218.82

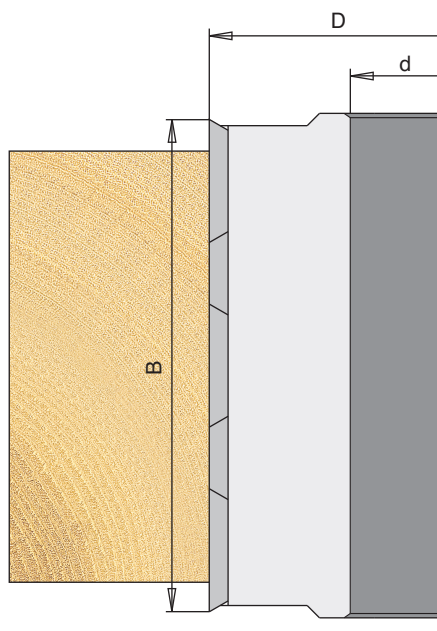
Spare Knife

Description	T.C. Blade
Product Ref.	IT/300 850 3/10
Size	14x14x2 B=80-100mm
Price	£20.37

Ball Bearing Guide

Description	Ball Bearing	
Product Ref.	IT/B62X30	IT/B62X114
Size	62x16x30	62x15x1 1/4"
Price	£18.90	£53.45

* for details of 80mm ball bearing guide ring see page 89



Key

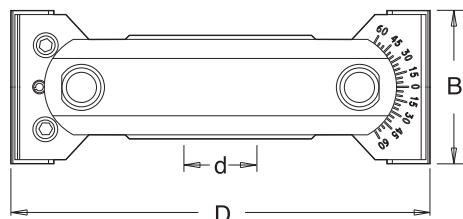
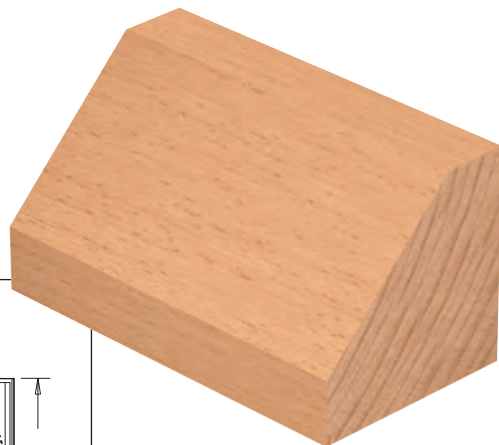
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Adjustable Chamfer Cutter Blocks

- Hard wearing steel and alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing chamfer cuts at various angles in softwood, hardwood and man-made boards on a spindle moulder.
- Cutting angle can be adjusted in 7.5° steps by using the notched scale. Fine adjustment of 1° is also possible.
- Recommended RPM (n) 110mm diameter 7,000 – 9,000. 120mm diameter 6,400 – 8,500. 130mm diameter 5,000 – 8,500. 150mm diameter 5,100 – 7,400.
- Suitable for Hand Feeding (MAN).



accurate to 0.5°



Hand Feed

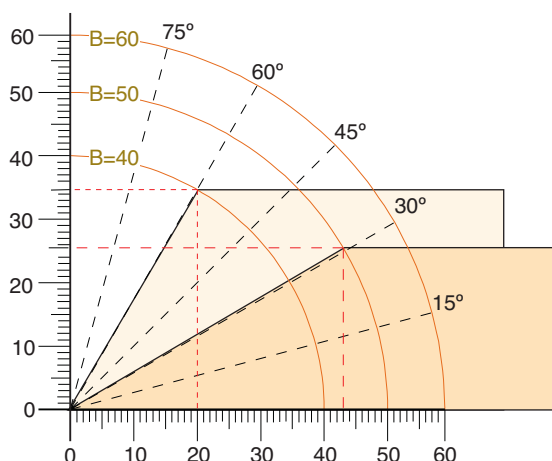
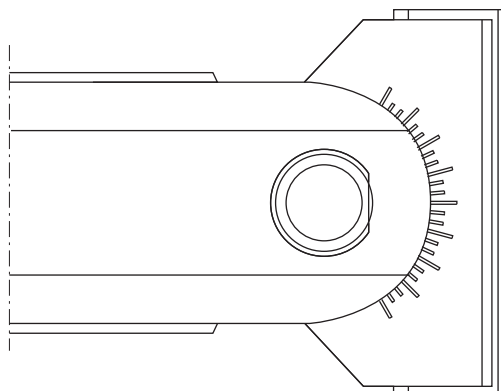
EN847-1/2

D	B	z	angle	30mm Bore d	1 1/4" Bore d	Stock	Price
110	40	2	-45° to +45°	IT/734 014 1	IT/734 014 7	Y	£266.49
120	40	2	-45° to +45°	IT/734 015 1*	IT/734 015 7*	Y	£180.08
130	50	2	-67.5° to +67.5°	IT/734 016 1	IT/734 016 7	Y	£302.93
150	50	2	-90° to +90°	IT/734 017 1	IT/734 017 7	Y	£315.21

* Hard wearing alloy body.

Spare Knives

Description	T.C. Blade	
Product Ref.	IT/300 052 8/10	IT/310 125 0/10
Size	40x12x1.5 B=40mm	50x12x1.5 B=50mm
Price	£30.77	£30.77



Key

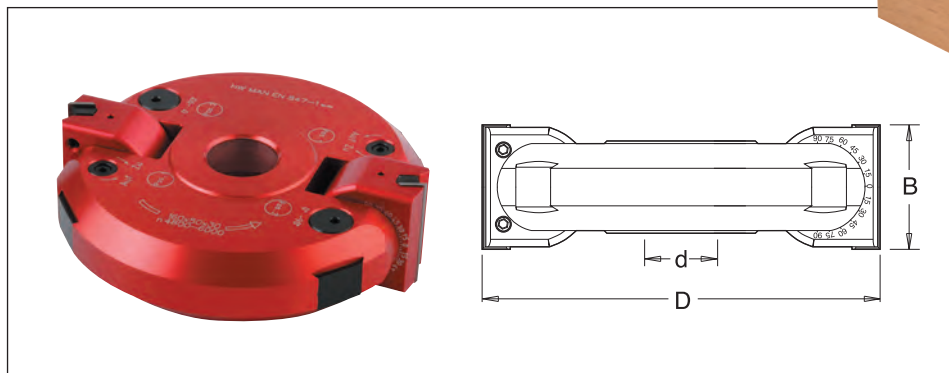
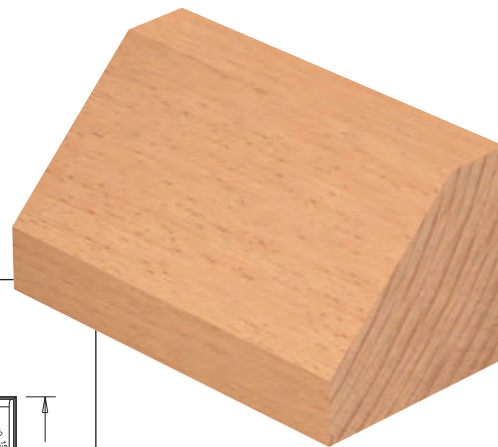
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Adjustable Chamfer Cutter Blocks

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing chamfer cuts at various angles in softwood, hardwood and man-made boards on a spindle moulder.
- Cutting angle can be adjusted in 1° steps by using the special geared mechanism.
- Can also be used as a panel raising block.
- Recommended RPM (n) 160mm diameter 4,800 – 6,000. 170mm diameter 4,500 – 6,000.
- Suitable for Hand Feeding (MAN).



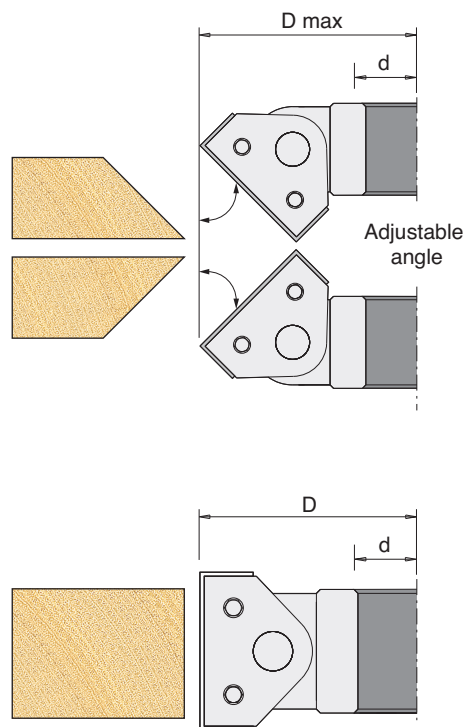
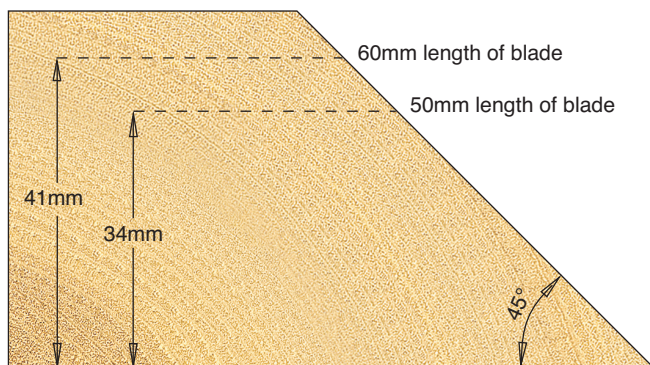
Hand Feed

EN847-1/2

D	B	z	angle	30mm Bore d	1 1/4" Bore d	Stock	Price
160	50	2	-90° to +90°	IT/734 030 1	IT/734 030 7	Y	£351.12
170	60	2	-90° to +90°	IT/734 035 1	IT/734 035 7	Y	£362.88

Spare Knives

Description	T.C. Blade	
Product Ref.	IT/310 125 0/10	IT/300 053 1/10
Size	50x12x1.5 B=50mm	60x12x1.5 B=60mm
Price	£30.77	£51.03



Key

Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

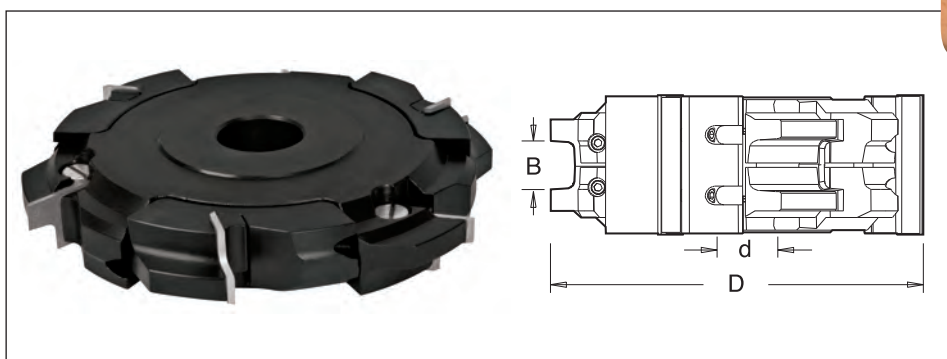
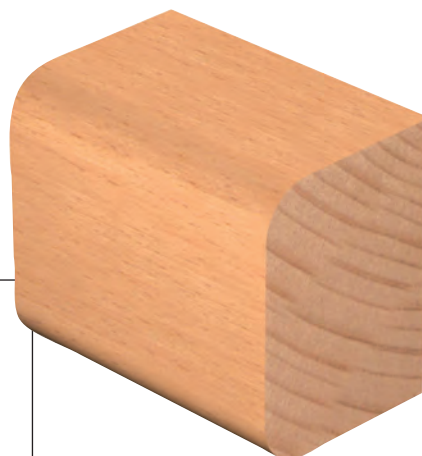
Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

NEW

Disposable Insert Rounding Over Cutter Block Set

- Hard wearing steel body complete with disposable Tungsten Carbide knives (z).
- Suitable for rounding over one side or both sides of softwood, hardwood and man-made boards on a spindle moulder.
- Cutter block supplied as standard with R3 knives, body will accept R1 to R10 knives.
- IT/752 0331/7 is two part construction, IT/752 030 1/7 is three part construction.
- Recommended RPM (n) 4,500 – 7,500.
- Suitable for Hand Feeding (MAN).



Hand Feed

EN847-1/2

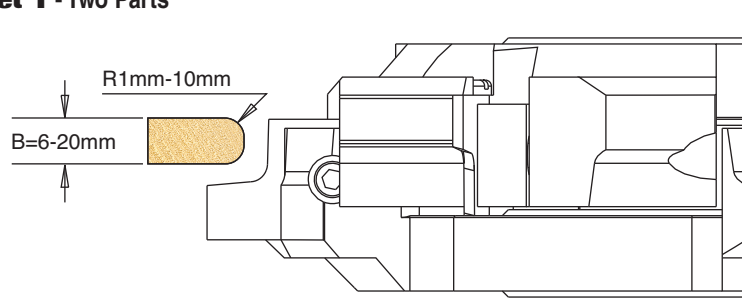
D	B	z	Set	30mm Bore d	1 1/4" Bore d	Stock	Price
170	6.0 - 20.0	3+3	1	IT/752 033 1	IT/752 033 7	Y	£499.00
170	20.0 - 60.0	3+3+3	2	IT/752 030 1	IT/752 030 7	Y	£639.00

Spare Knives*

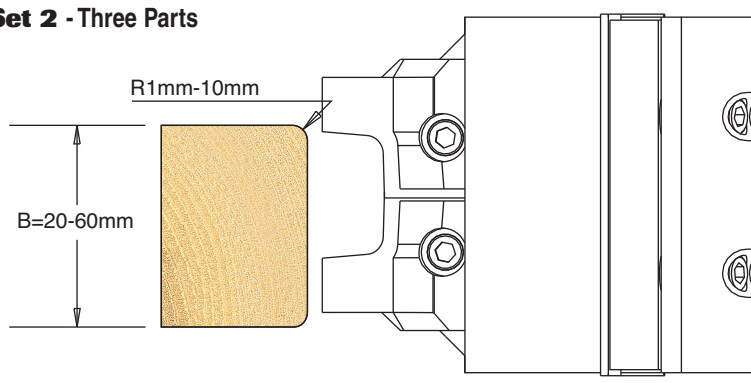
	T.C. Blade RH	T.C. Blade LH
R=1	IT/310 890 1	IT/310 890 1L
	20x25x2	20x25x2
	£20.37	£20.37
R=2	IT/310 890 2	IT/310 890 2L
	20x25x2	20x25x2
	£17.54	£17.54
R=3	IT/310 890 3	IT/310 890 3L
	20x25x2	20x25x2
	£17.54	£17.54
R=4	IT/310 890 4	IT/310 890 4L
	20x25x2	20x25x2
	£17.54	£17.54
R=5	IT/310 890 5	IT/310 890 5L
	20x25x2	20x25x2
	£17.54	£17.54
R=6	IT/310 890 6	IT/310 890 6L
	20x25x2	20x25x2
	£17.54	£17.54
R=7	IT/310 890 7	IT/310 890 7L
	20x25x2	20x25x2
	£17.54	£17.54
R=8	IT/310 890 8	IT/310 890 8L
	20x25x2	20x25x2
	£17.54	£17.54
R=9	IT/310 890 9	IT/310 890 9L
	20x25x2	20x25x2
	£17.54	£17.54
R=10	IT/310 891 0	IT/310 891 0L
	20x25x2	20x25x2
	£17.54	£17.54

* Two RH and two LH knives are required for each radius produced

Set 1 - Two Parts



Set 2 - Three Parts



Key

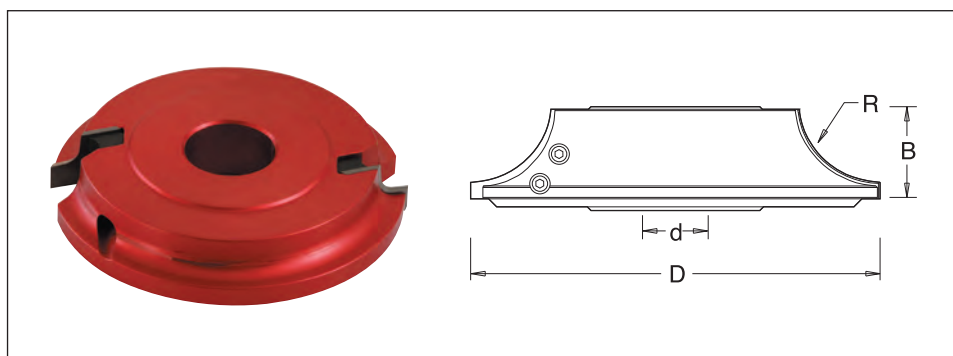
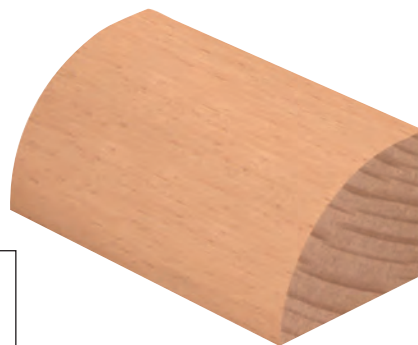
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Rounding Over Cutter Blocks

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for rounding over one side of softwood, hardwood and man-made boards on a spindle moulder.
- Cutter block supplied as standard with R8 knives, same body will accept R3 - R10 knives. R15 - R30 require separate blocks.
- Can be used with a 100mm diameter ball bearing guide ring.
- Recommended RPM (n) 120mm diameter 6,400 – 10,000. 130mm – 160mm diameter 5,400 – 9,000.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

D	R	z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
120	8	2	20	IT/752 428 1	IT/752 428 7	Y	£166.85
120	3 - 10	2	20	IT/752 410 1*	IT/752 410 7*	Y	£319.41
130	15	2	20	IT/752 435 1	IT/752 435 7	Y	£188.58
140	20	2	25	IT/752 440 1	IT/752 440 7	Y	£188.58
150	25	2	30	IT/752 445 1	IT/752 445 7	Y	£188.58
160	30	2	35	IT/752 450 1	IT/752 450 7	Y	£188.58

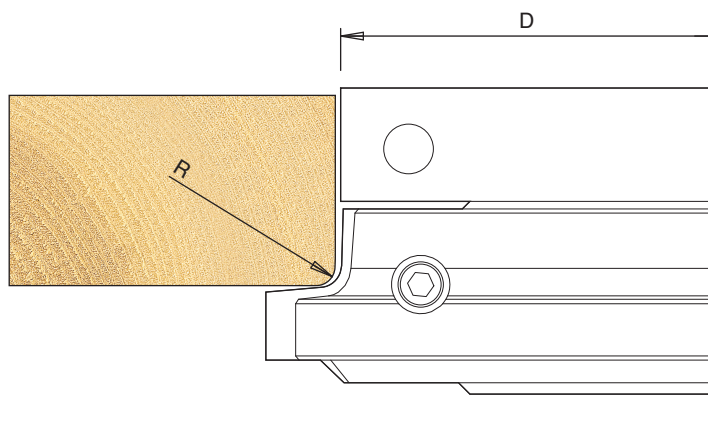
* Complete Set of Cutter Block and Knives, R3-R10, supplied in a wooden box.

Spare Knives

Description	T.C. Blade									
	R=3	R=4	R=5	R=6	R=8	R=10	R=15	R=20	R=25	R=30
Product Ref.	IT/310 890 3	IT/310 890 4	IT/310 890 5	IT/310 890 6	IT/310 890 8	IT/310 891 0	IT/310 891 5	IT/310 892 0	IT/310 892 5	IT/310 893 0
Price	£17.54	£17.54	£17.54	£17.54	£17.54	£20.37	£24.00	£30.00	£34.50	£39.00

Ball Bearing Guide to suit R3 - R10 Cutter Blocks

Description	Ball Bearing	
Product Ref.	IT/191 540 1	IT/191 540 7
Size	100x15x30	100x15x1 1/4"
Price	£31.71	£31.71



Key

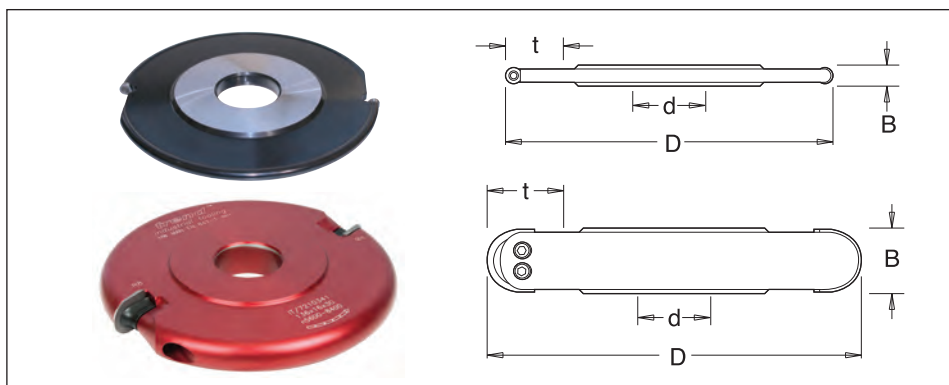
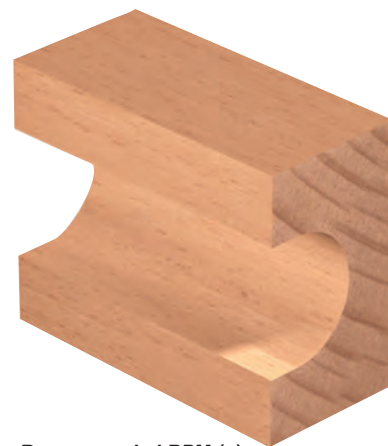
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Cove Cutter Blocks

- R3 – R5 with hard wearing steel body. R6 – R20 with hard wearing alloy body, both complete with disposable Tungsten Carbide knives (z).
- Suitable for producing cove cuts in softwood, hardwood and man-made boards on a spindle moulder.
- Can be used with a 120mm diameter ball bearing guide ring for ring fence work. See page 89.
- Suitable for Hand Feeding (MAN).



Recommended RPM (n):

126 – 130mm dia.	4,500 – 10,600
132mm dia.	5,700 – 10,100
136mm dia.	5,600 – 8,400
140mm dia.	5,400 – 9,500
144mm dia.	5,300 – 9,200
150mm dia.	5,000 – 8,900
160mm dia.	4,700 – 8,000



Hand Feed



EN847-1/2

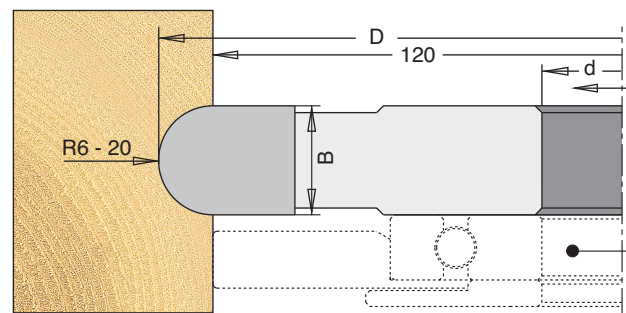
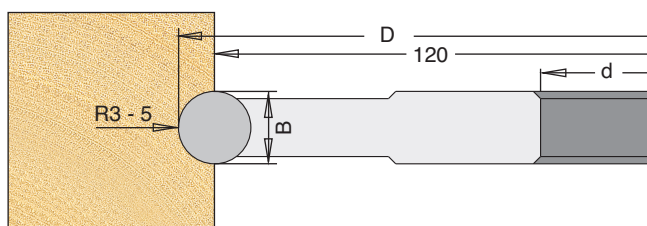
D	R	z	B	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
126	3	2	6	28	IT/721 030 1	IT/721 030 7	Y	£89.78
128	4	2	8	29	IT/721 031 1	IT/721 031 7	Y	£89.78
130	5	2	10	30	IT/721 032 1	IT/721 032 7	Y	£89.78
132	6	2	12	31	IT/721 033 1	IT/721 033 7	Y	£112.04
136	8	2	16	33	IT/721 034 1	IT/721 034 7	Y	£120.96
140	10	2	20	35	IT/721 035 1	IT/721 035 7	Y	£129.47
144	12	2	24	37	IT/721 036 1	IT/721 036 7	Y	£139.44
150	15	2	30	40	IT/721 037 1	IT/721 037 7	Y	£149.63
160	20	2	40	45	IT/721 038 1	IT/721 038 7	Y	£168.21

Spare Knives

Description	T.C. Blade								
	R=3	R=4	R=5	R=6	R=8	R=10	R=12	R=15	R=20
Product Ref.	IT/300 040 0	IT/300 040 2	IT/300 040 3	IT/300 650 6	IT/300 650 8	IT/300 651 0	IT/300 651 2	IT/300 651 5	IT/300 652 0
Price	£15.44	£9.35	£9.66	£21.74	£21.74	£21.74	£23.84	£24.47	£27.20

Ball Bearing Guide to suit R3 - R10 Cutter Blocks

Description	Ball Bearing	
Product Ref.	IT/191 542 0	IT/191 542 7
Size	120x15x30	120x15x1 1/4"
Price	£31.71	£31.71



Key

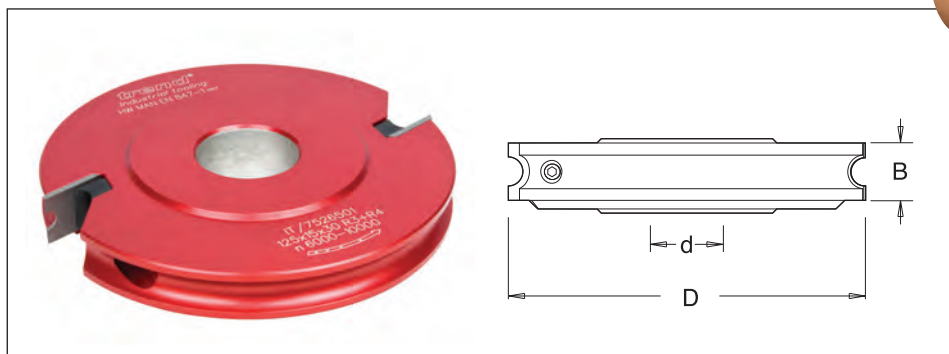
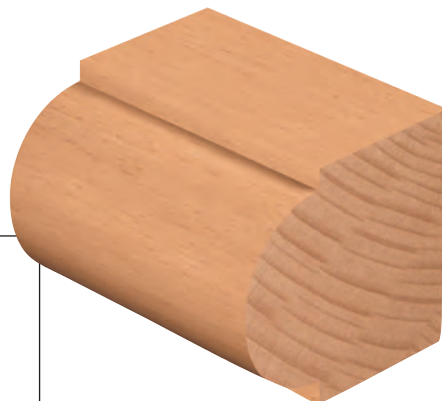
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Beading Cutter Blocks

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing various radii beads in softwood, hardwood and man-made boards on a spindle moulder.
- R3 and R4 knives will fit in the same block. R5 and R6 knives will fit in the same block.
R8 and R10 knives will fit in the same block.
- Can be used with a 110mm diameter ball bearing guide ring for ring fence work. See page 89.
- Recommended RPM (n) 125mm diameter 6,000 – 10,000. 135mm diameter 5,500 – 9,000.
- Suitable for Hand Feeding (MAN).



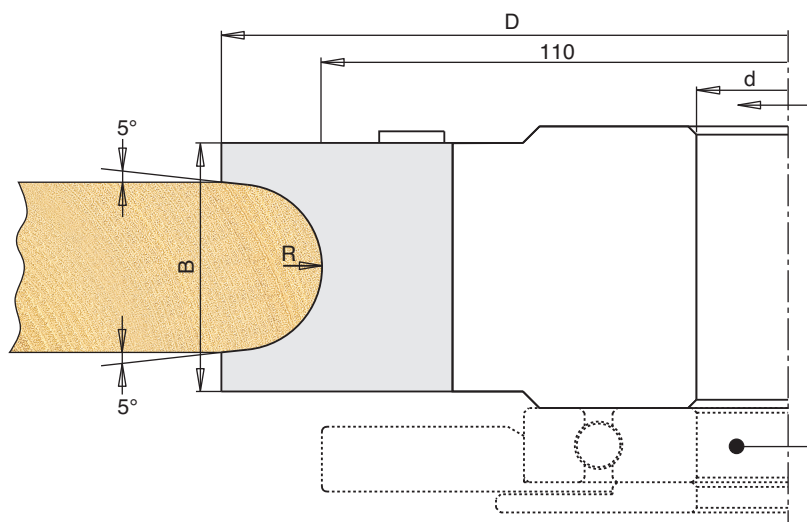
Hand Feed

EN847-1/2

D	R	z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
125	3	2	15	IT/752 603 1	IT/752 603 7	N	£124.32
125	4	2	15	IT/752 604 1	IT/752 604 7	Y	£124.32
125	5	2	20	IT/752 605 1	IT/752 605 7	N	£133.25
125	6	2	20	IT/752 606 1	IT/752 606 7	Y	£133.25
125	8	2	30	IT/752 608 1	IT/752 608 7	N	£153.62
125	10	2	30	IT/752 610 1	IT/752 610 7	Y	£153.62
125	12	2	30	IT/752 612 1	IT/752 612 7	Y	£153.62
125	15	2	40	IT/752 615 1	IT/752 615 7	Y	£168.21
135	20	2	50	IT/752 620 1	IT/752 620 7	Y	£179.13

Spare Knives

Description	T.C. Blade								
	R=3	R=4	R=5	R=6	R=8	R=10	R=12	R=15	R=20
Product Ref.	IT/312 400 3	IT/312 400 4	IT/312 400 5	IT/312 400 6	IT/312 400 8	IT/312 401 0	IT/312 401 2	IT/312 401 5	IT/312 402 0
Price	£12.00	£12.00	£13.00	£13.00	£24.00	£27.00	£28.00	£39.00	£41.00



Key

Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Beading Cutter Blocks

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for rounding over and producing matching cove joints in softwood, hardwood and man-made boards on a spindle moulder.
- Can be used with a 100mm diameter ball bearing guide ring for ring fence work. See page 89.
- Suitable for Hand Feeding (MAN).



Recommended RPM (n):

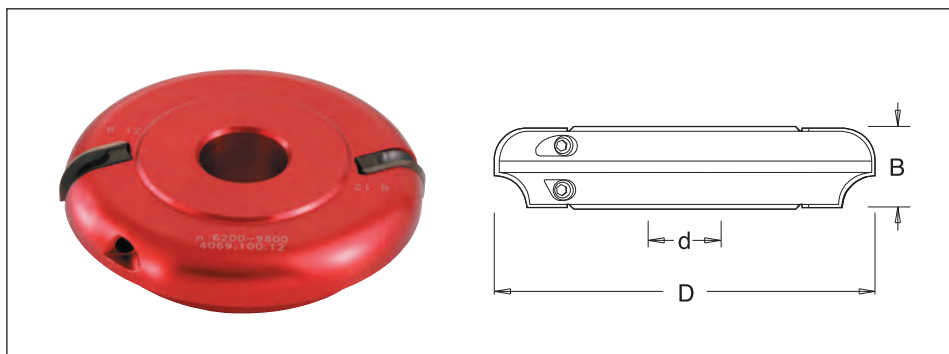
106mm dia.	7,300 – 10,100
110mm dia.	7,000 – 9,900
112mm dia.	6,900 – 9,700
116mm dia.	6,600 – 9,500
120mm dia.	6,400 – 10,000
124mm dia.	6,200 – 9,800
130mm dia.	5,900 – 9,500
140mm dia.	5,500 – 9,000
150mm dia.	5,100 – 6,000
160mm dia.	4,900 – 5,800



Hand Feed



EN847-1/2



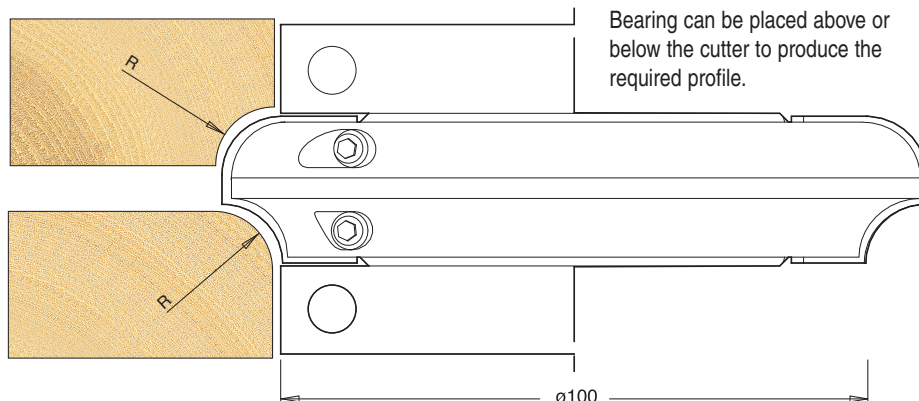
D	R	z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
106	3	2	20	IT/751 103 1	IT/751 103 7	N	£125.69
110	5	2	20	IT/751 105 1	IT/751 105 7	N	£125.69
112	6	2	20	IT/751 106 1	IT/751 106 7	Y	£125.69
116	8	2	20	IT/751 108 1	IT/751 108 7	Y	£135.14
120	10	2	25	IT/751 110 1	IT/751 110 7	Y	£135.14
124	12	2	30	IT/751 112 1	IT/751 112 7	Y	£146.48
130	15	2	35	IT/751 115 1	IT/751 115 7	Y	£154.56
140	20	2	50	IT/751 120 1	IT/751 120 7	N	£188.58
150	25	2	60	IT/751 125 1	IT/751 125 7	Y	£218.30
160	30	2	80	IT/751 130 1	IT/751 130 7	N	£231.53

Spare Knives

Description	T.C. Blade									
	R=3	R=5	R=6	R=8	R=10	R=12	R=15	R=20	R=25	R=30
Product Ref.	IT/310 894 4	IT/310 894 6	IT/310 894 7	IT/310 894 9	IT/310 895 0	IT/310 895 2	IT/310 895 3	IT/310 895 4	IT/310 895 5	IT/310 895 6
Price	£21.00	£21.00	£21.00	£24.00	£27.00	£27.50	£38.00	£41.00	£44.00	£49.00

Ball Bearing Guide to suit R3 - R10 Cutter Blocks

Description	Ball Bearing	
Product Ref.	IT/191 540 1	IT/191 540 7
Size	100x15x30	100x15x1 1/4"
Price	£31.71	£31.71



Key

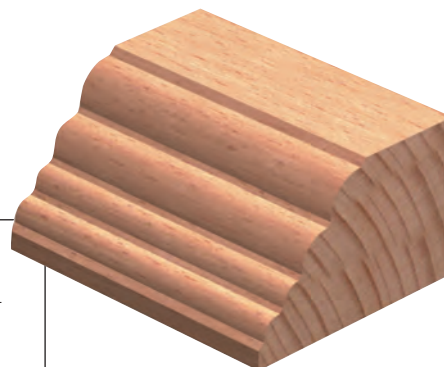
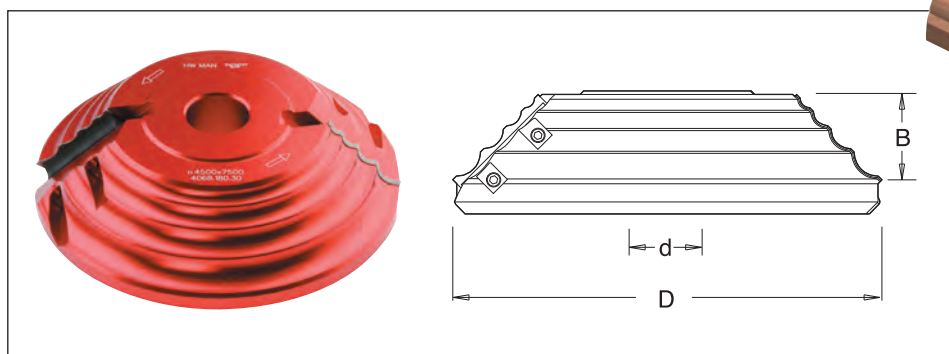
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Multi Round Over Cutter Blocks

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing various radii in softwood, hardwood and man-made boards on a spindle moulder.
- Different radii can be achieved by adjusting the height of the spindle shaft.
- Recommended RPM (n) 140mm diameter 5,400 – 8,800. 180mm diameter 4,500 – 7,500.
- Suitable for Hand Feeding (MAN).



Hand Feed

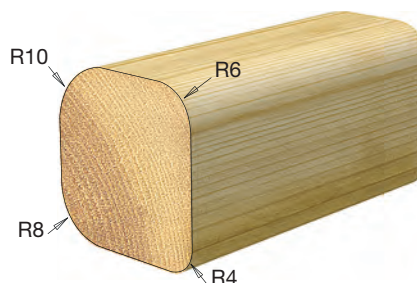


EN847-1/2

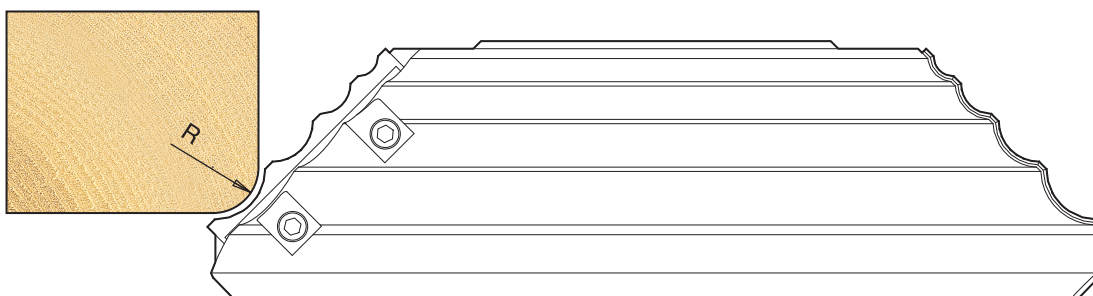
D	R	z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
140	2,3,5	2	25	IT/752 109 1	IT/752 109 7	Y	£151.73
180	4,6,8,10	2	50	IT/752 110 1	IT/752 110 7	Y	£180.08

Spare Knives

Description	T.C. Blade	
Product Ref.	IT/310 855 0	IT/310 854 9
Size	R=2,3,5	R=4,6,8,10
Price	£24.00	£36.00



Different radii that can be produced with block IT/752 110 1 (7")



Key

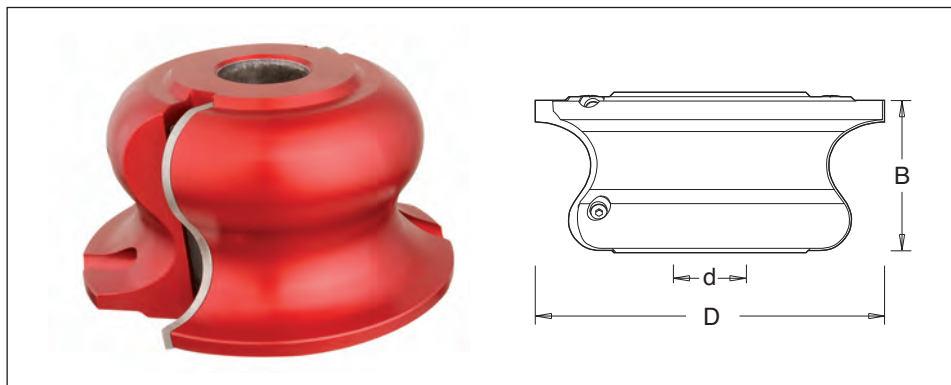
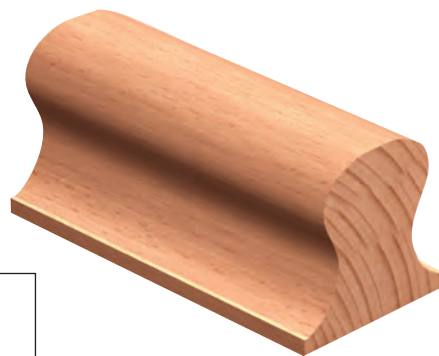
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Handrail Cutter Blocks

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing handrail profiles for stairs and banisters in softwood and hardwood on a spindle moulder.
- Other profile shapes are available to special order.
- Recommended RPM (n): 130mm diameter 5,800 – 7,700. 160mm diameter 4,700 – 7,200.
- Suitable for Hand Feeding (MAN).



Hand Feed

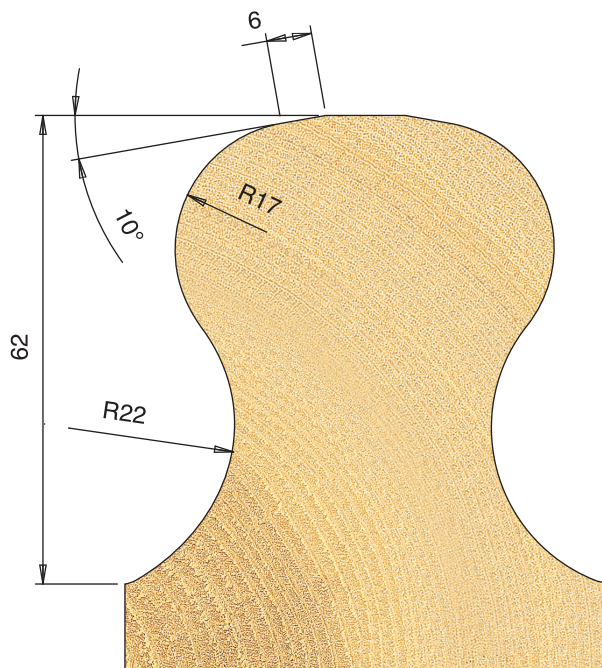


EN847-1/2

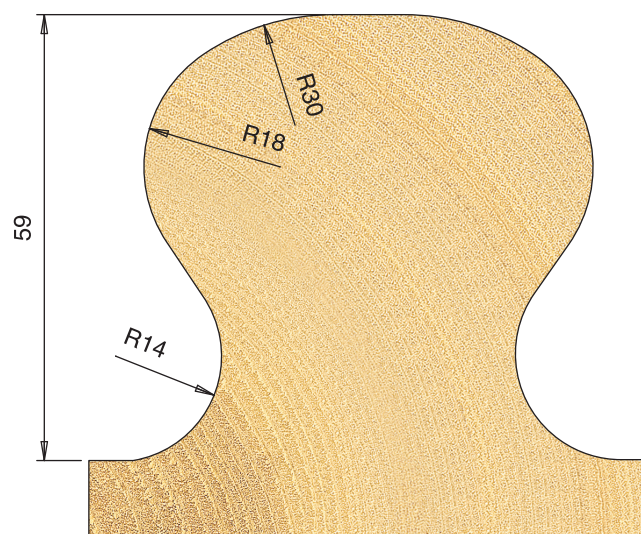
D	Profile	z	B	30mm Bore	1 1/4" Bore	Stock	Price
130	A	2	73	IT/752 510 1	IT/752 510 7	Y	£242.45
160	B	2	73	IT/752 515 1	IT/752 515 7	Y	£292.01

Spare Knives

Description	T.C. Blade	
Product Ref.	IT/310 887 0	IT/310 887 1
Size	69.5x33.5x2 Profile A	70x34x2 Profile B
Price	£44.00	£49.50



Profile A



Profile B

Key

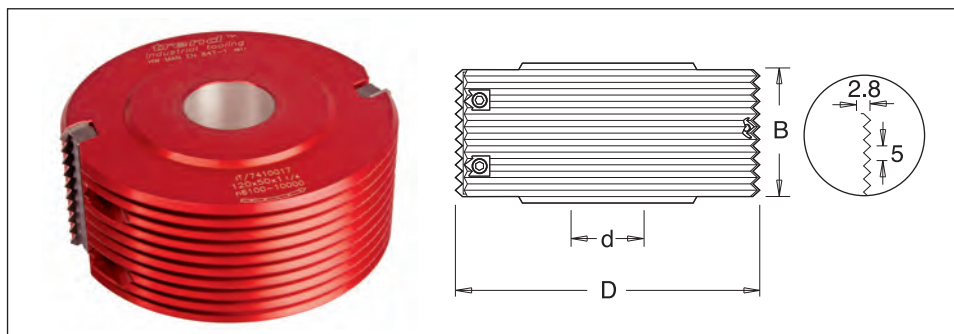
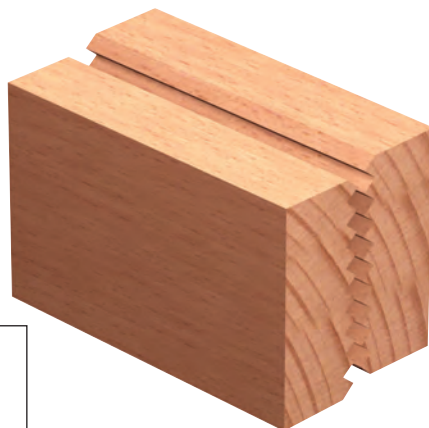
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Glue Joint Cutter Block

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing glue joints in softwood and hardwood on a spindle moulder.
- Recommended RPM (n) 6,100 – 10,00.
- Suitable for Hand Feeding (MAN).



Hand Feed

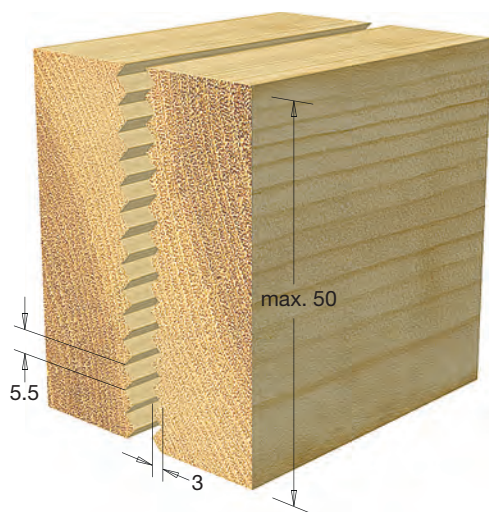


EN847-1/2

D	B	z	30mm Bore d	1 1/4" Bore d	Stock	Price
120	50	2	IT/741 001 1	IT/741 001 7	Y	£120.50

Spare Knife

Description	T.C. Blade
Product Ref.	IT/310 850 7
Size	50x12x1.5
Price	£22.00



Key

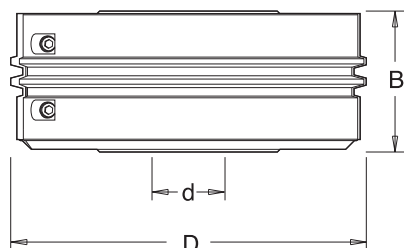
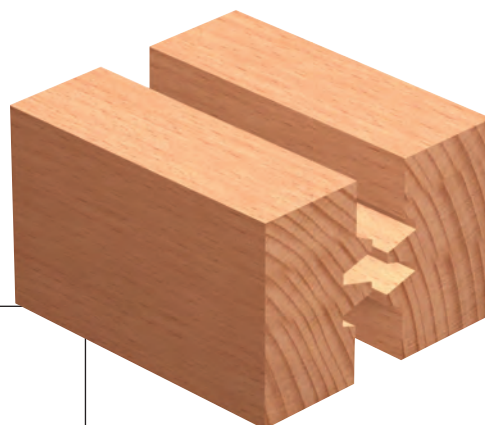
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Glue Joint Cutter Blocks

- Hard wearing steel and alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing "finger style" reversible glue joints in softwood and hardwood on a spindle moulder.
- Recommended RPM (n): 120mm diameter 6,500 – 9,500. 140mm diameter 5,400 – 8,800.
- Suitable for Hand Feeding (MAN).



Hand Feed

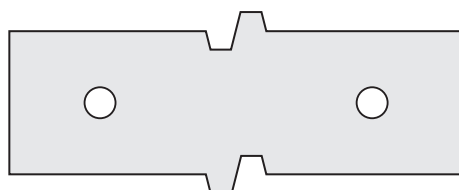
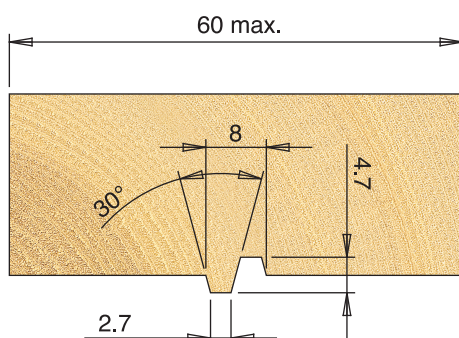
EN847-1/2

D	Profile	z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
120	A	2	60	IT/741 004 1*	IT/741 004 7*	N	£211.26
140	B	2	50	IT/741 006 1	IT/741 006 7	Y	£228.27
140	C	2	60	IT/741 005 1	IT/741 005 7	Y	£251.90

* Hard wearing alloy body

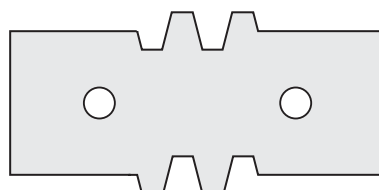
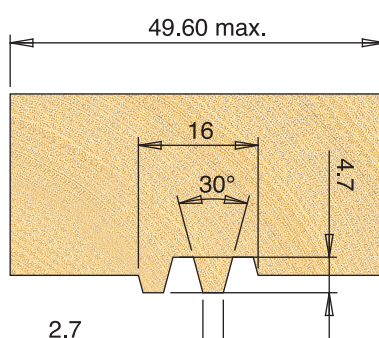
Spare Knives

Description	T.C. Blade		
Product Ref.	IT/310 855 1	IT/310 855 2	IT/310 850 1
Size	60x24x2 1 tooth	50x24x2 2 teeth	60x24x2 3 teeth
Price	£42.00	£44.00	£49.00

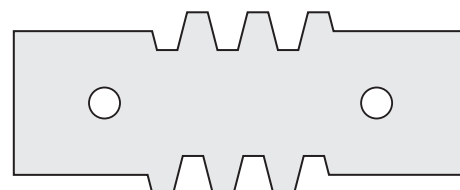
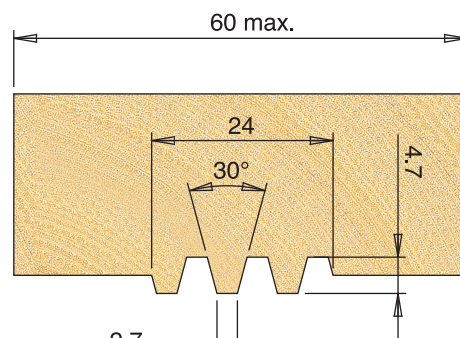


Profile A

Scale 1:1



Profile B



Profile C

Key

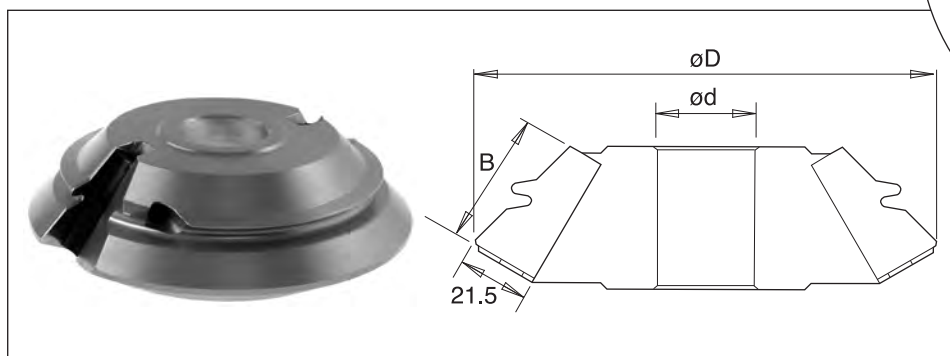
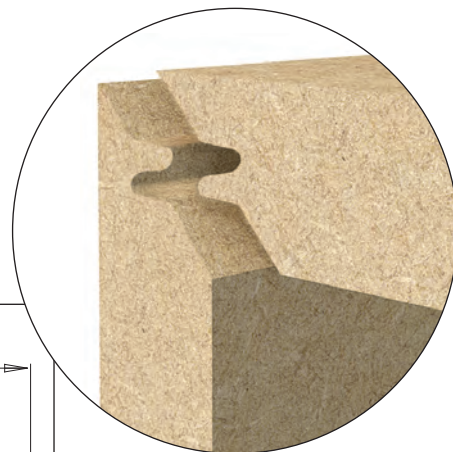
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert 45° Mitre Lock Cutters

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing 45° mitre lock joints in softwood, hardwood and man-made boards on a spindle moulder.
- A 45° joint is produced by machining one piece with the inside face on the table of the spindle moulder. The matching corner inside face is machined upright against the fence.
- Recommended RPM (n): 5,500 – 10,000.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

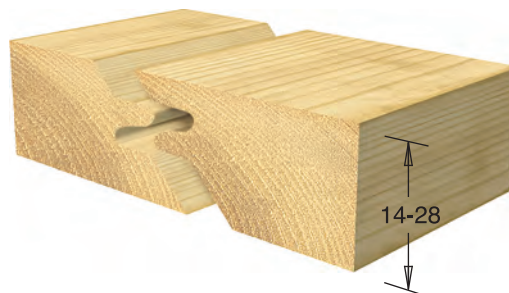
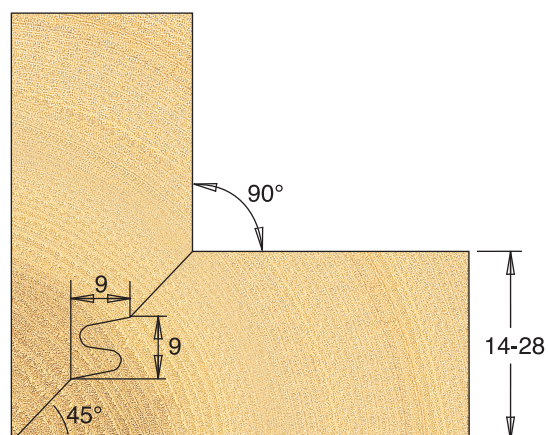
D	B	z	30mm Bore d	1 1/4" Bore d	Stock	Price
140	40	2	IT/ST/ML 001	IT/ST/ML 007	Y	£242.45

Spare Knife

Description	T.C. Blade
Product Ref.	IT/ST/IB01
Size	40x12x1.5
Price	£40.95

Spare Part

Description	Spare Top Screw
Product Ref.	IT/SS/01
Size	M4x6
Price	£1.68



Key

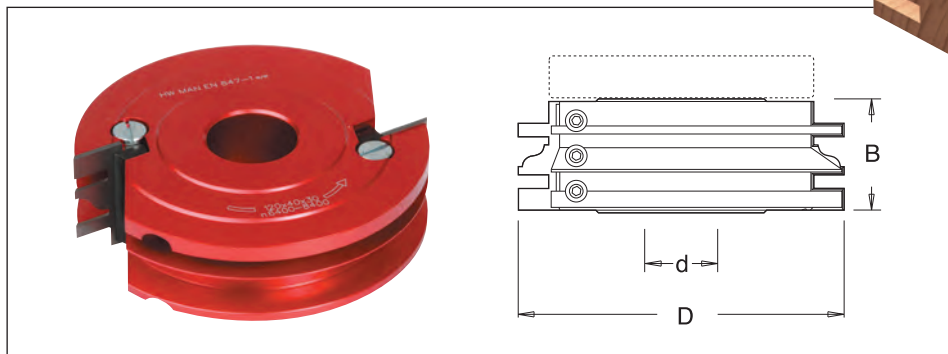
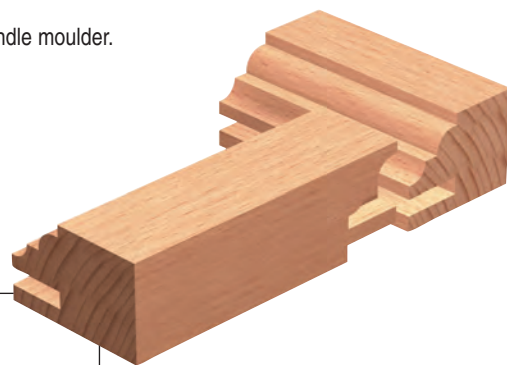
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Profile/Counter Profile Cutter Blocks

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing various profile/counter profile joints in softwood and hardwood on a spindle moulder.
- Raising or lowering the cutter block on the spindle moulder produces both parts of the joint.
- All of the Tungsten Carbide inserts (profile A – D) can be used in the same block.
- Recommended RPM (n): 5,000 – 8,400.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

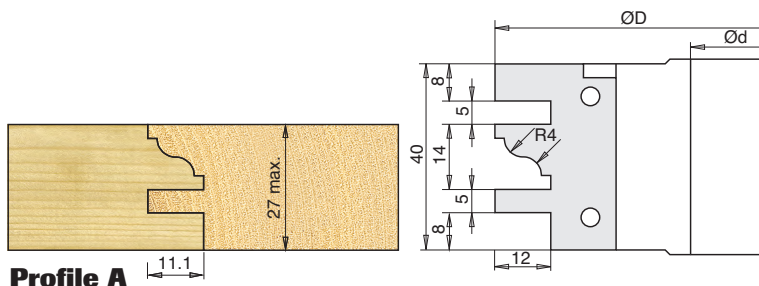
D	Profile	z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
120	A	2	40	IT/742 031 1	IT/742 031 7	Y	£140.81
120	B	2	40	IT/742 032 1	IT/742 032 7	Y	£140.81
120	C	2	40	IT/742 033 1	IT/742 033 7	Y	£140.81
120	D	2	40	IT/742 034 1	IT/742 034 7	Y	£140.81

Spare Knives

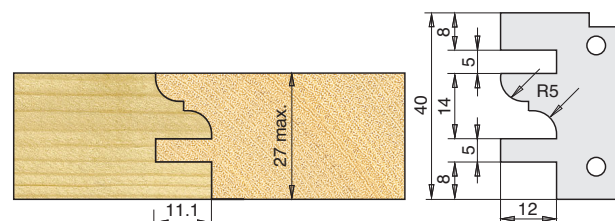
Description	T.C. Blade			
Product Ref.	IT/310 865 6	IT/310 866 6	IT/310 867 6	IT/310 868 6
Size	40x26x2 Profile A	40x26x2 Profile B	40x26x2 Profile C	40x26x2 Profile D
Price	£33.00	£33.00	£33.00	£33.00

Ball Bearing Guide

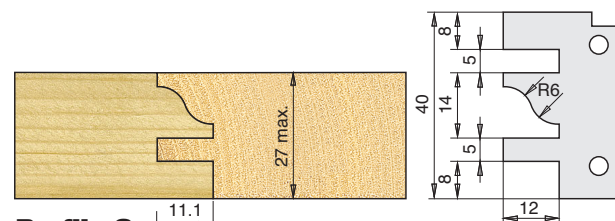
Description	Ball Bearing	
Product Ref.	IT/191 520 1	IT/191 520 7
Size	98x15x30	98x15x1 1/4"
Price	£31.71	£31.71



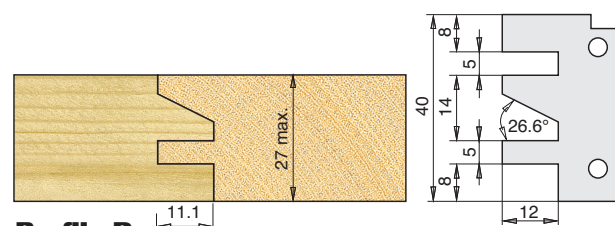
Profile A



Profile B



Profile C



Profile D

Key

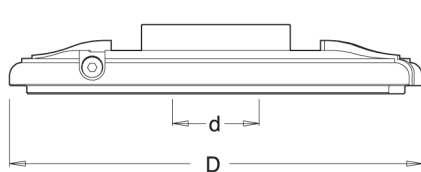
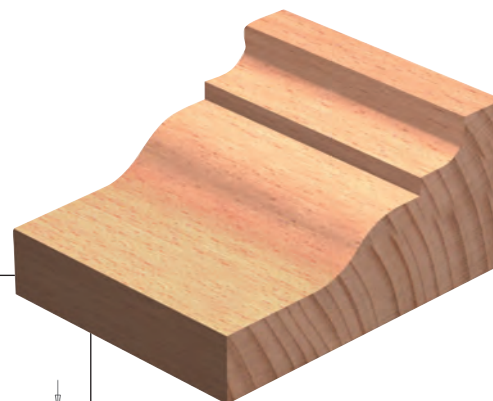
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Disposable Insert Panel Raising Cutter Blocks

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing various raised panel profiles in softwood, hardwood and man-made boards on a spindle moulder.
- All of the Tungsten Carbide inserts (profile A – C) can be used in the same block.
- The cutter block works underneath the timber. All cutter blocks supplied complete with a 55mm diameter bearing for curved panels.
- Recommended RPM (n): 5,000 – 9,000.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

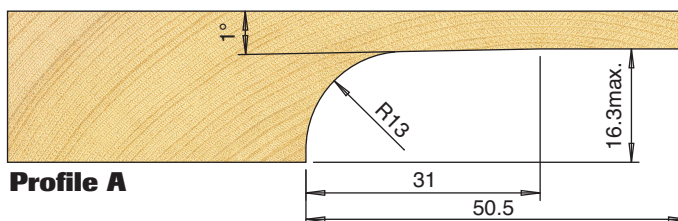
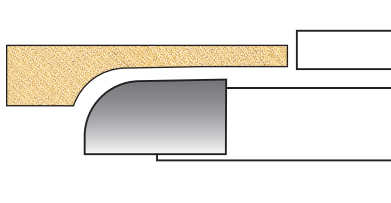
D	Profile	z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
156	A	2	17	IT/742 027 1	IT/742 027 7	Y	£151.73
156	B	2	17	IT/742 037 1	IT/742 037 7	Y	£151.73
156	C	2	17	IT/742 047 1	IT/742 047 7	Y	£151.73
156	A,B,C	2	17	IT/742 007 1	IT/742 007 7	Y	£244.23

Spare Knives

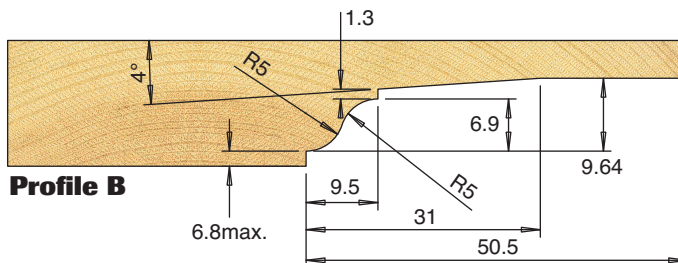
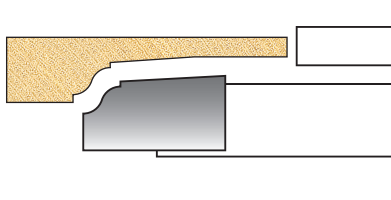
Description	T.C. Blade		
Product Ref.	IT/310 831 0	IT/310 831 1	IT/310 831 2
Size	17x35x2 Profile A	17x35x2 Profile B	17x35x2 Profile C
Price	£26.00	£26.00	£26.00

Ball Bearing Guide

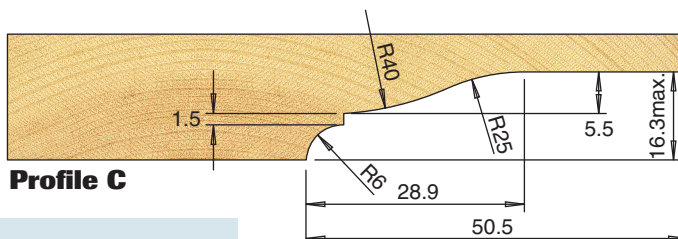
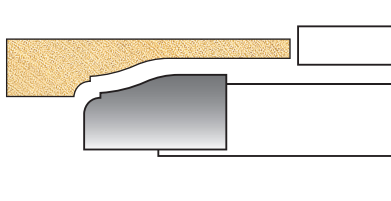
Description	Ball Bearing	
Product Ref.	IT/191 023 0	IT/190 023 7
Size	55x13x30	55x13x1 1/4"
Price	£19.85	£19.85



Profile A



Profile B



Profile C

Key

Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

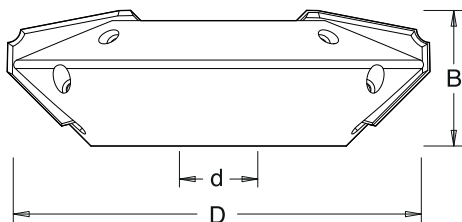
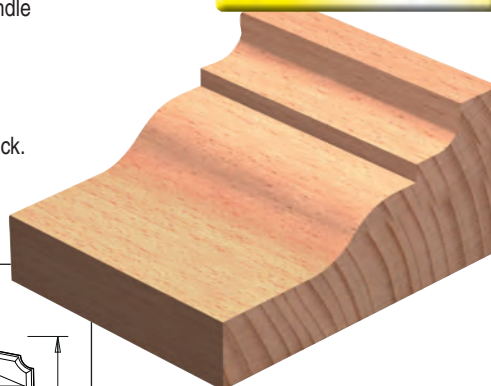
Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

NEW

Multi Profile Panel Raising Cutter Block

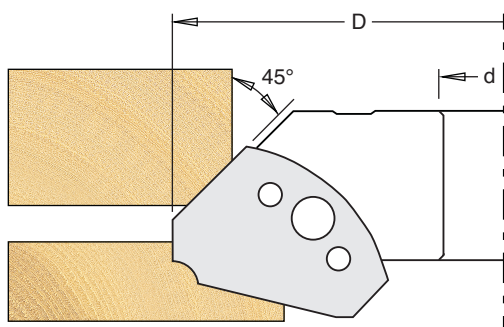
- Hard wearing alloy body only. Knives and limitors are purchased separately.
- Suitable for producing various raised panel profiles in softwood and hardwood boards on a spindle moulder.
- The cutter block works over the top of the timber for panel raising.
- Each knife will also produce a 45° chamfer with the timber running over the top of the knife.
- All of the tool steel knives and corresponding limitor plates (1 – 7) can be used in the same block.
- Recommended RPM (n): 4,500 – 7,000.
- Suitable for Hand Feeding (MAN).



Please note: Cutter block is supplied **without** knives and limitors, and works over the top of the panel.

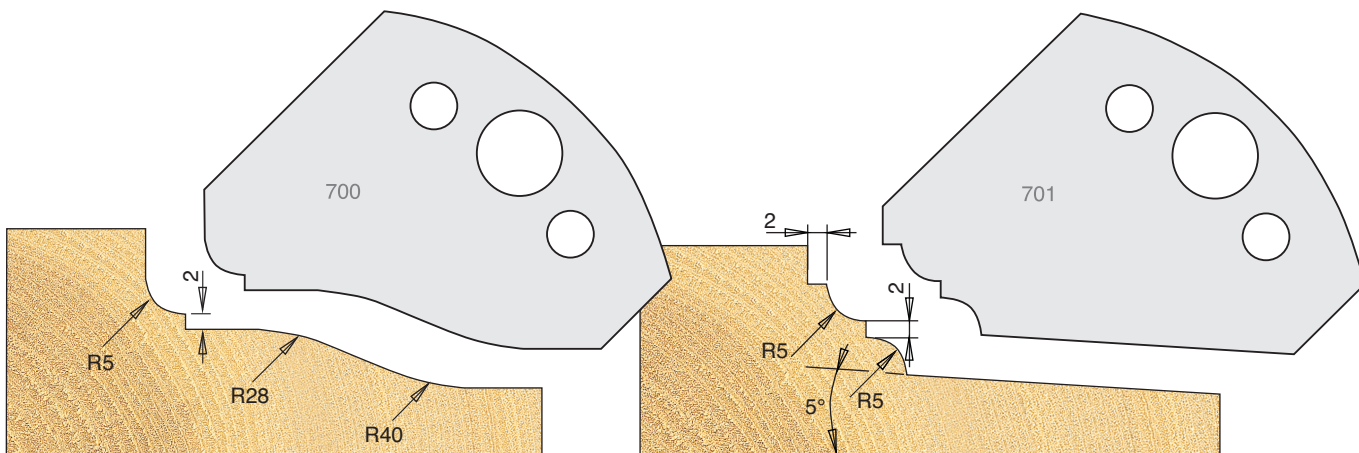


D	B	z	30mm Bore d	1 1/4" Bore d	Stock	Price
160	48	2	IT/778 101 1	IT/778 101 7	Y	£139.00



Panel Raising Tool Steel Knives

- Panel raising tool steel knives and corresponding limitor plates (700 - 701) to suit cutter block IT/778 101 1 and IT/778 101 7.



Tool Steel Knives	IT/33 700 40	£24.00
HSS Knives	IT/33 700 43	£55.00
Limitors	IT/34 700 40	£19.00

NEW

Tool Steel Knives	IT/33 701 40	£24.00
HSS Knives	IT/33 701 43	£55.00
Limitors	IT/34 701 40	£19.00

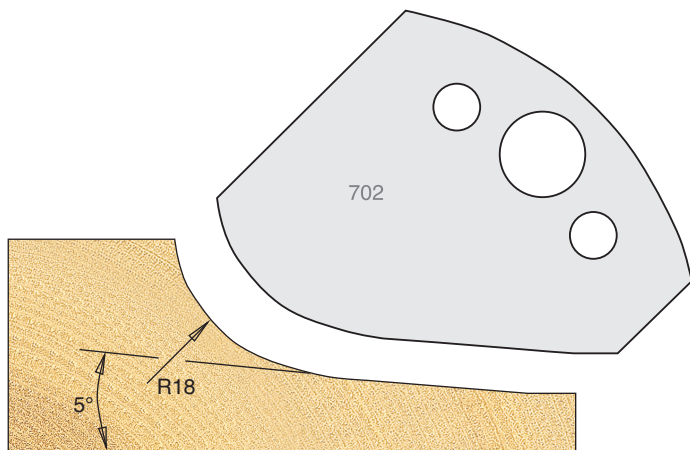
NEW

Key

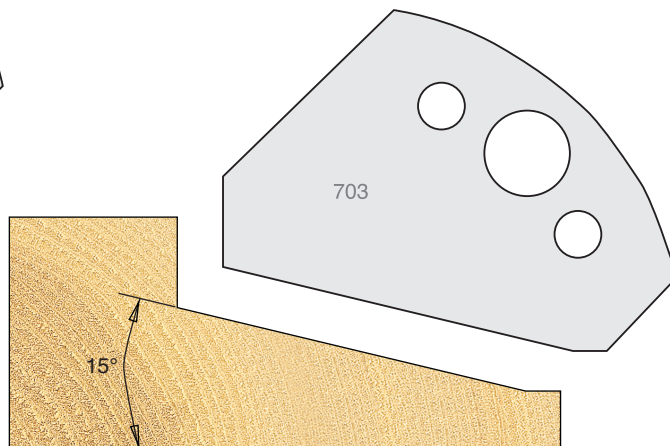
Stock - Y means normally kept in stock for next day delivery.
N means not normally held in stock, delivery in a short time.

All knives and limitor plates sold as a pair

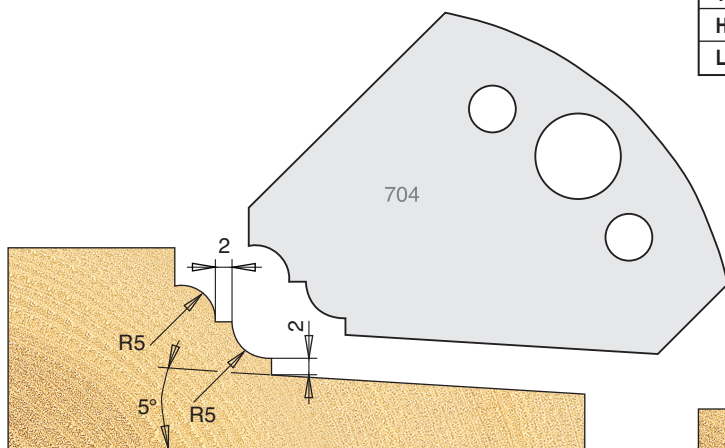
All prices are exclusive of VAT



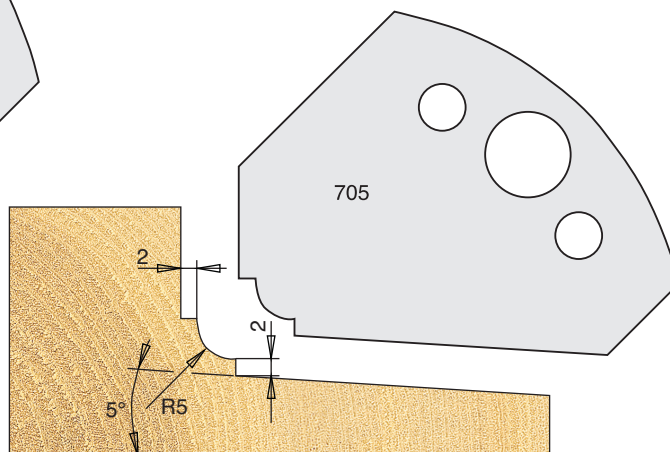
Tool Steel Knives	IT/33 702 40	£24.00
HSS Knives	IT/33 702 43	£55.00
Limitors	IT/34 702 40	£19.00

NEW


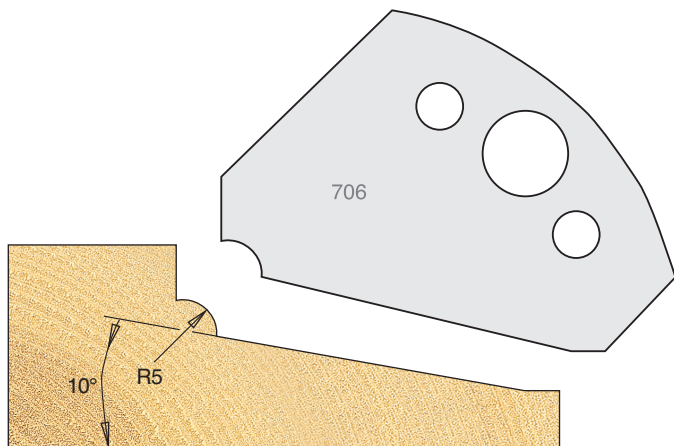
Tool Steel Knives	IT/33 703 40	£24.00
HSS Knives	IT/33 703 43	£55.00
Limitors	IT/34 703 40	£19.00

NEW


Tool Steel Knives	IT/33 704 40	£24.00
HSS Knives	IT/33 704 43	£55.00
Limitors	IT/34 704 40	£19.00

NEW


Tool Steel Knives	IT/33 705 40	£24.00
HSS Knives	IT/33 705 43	£55.00
Limitors	IT/34 705 40	£19.00

NEW


Tool Steel Knives	IT/33 706 40	£24.00
HSS Knives	IT/33 706 43	£55.00
Limitors	IT/34 706 40	£19.00

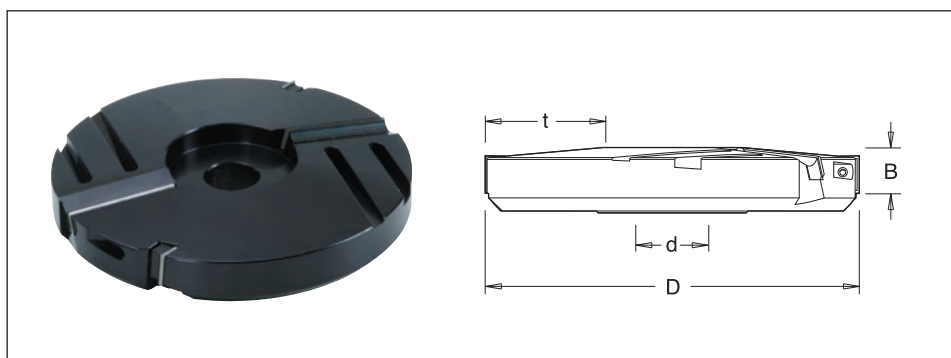
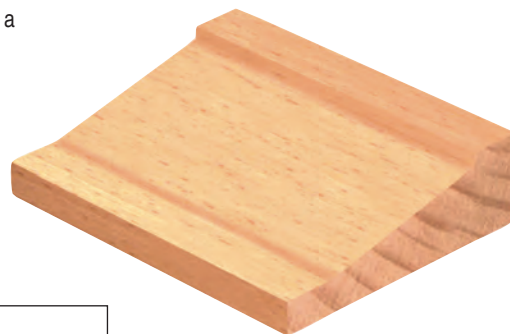
NEW

HSS knives available to special order (HSS knives last approximately six times longer than tool steel)

All knives and limiter plates sold as a pair
All prices are exclusive of VAT

Disposable Insert Panel Raising Cutter Block

- Hard wearing alloy body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing raised panel profiles in softwood, hardwood and man-made boards on a spindle moulder.
- The cutter block works over the top of the timber.
- Recommended RPM (n): 3,800 – 6,500.
- Suitable for Hand Feeding (MAN).



Hand Feed

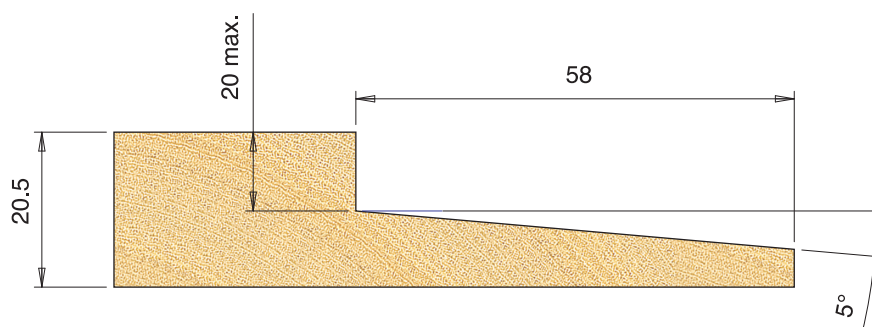


EN847-1/2

D	B	z	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
200	35	2+2	58	IT/751 010 1	IT/751 010 7	Y	£206.01

Spare Knives

Description	T.C. Blade	
Product Ref.	IT/310 722 0/10	IT/300 053 1/10
Size	20x12x1.5	60x12x1.5
Price	£49.00	£51.03



Key

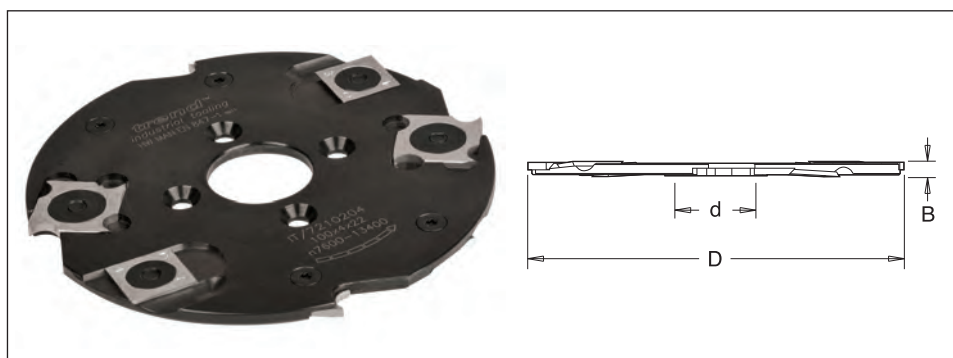
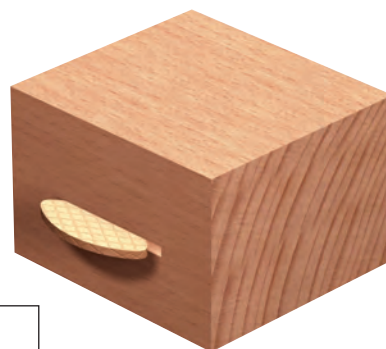
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Lamello® Disposable Insert Biscuit Joint Cutter

- Hard wearing steel body complete with disposable Tungsten Carbide knives (z) and scribes (v).
- Suitable for producing biscuit joint slots in softwood, hardwood and man-made boards with a biscuit jointing machine.
- Constant diameter and groove width through disposable tips. More cost effective than standard tipped cutter.
- Fits all standard biscuit jointers.
- Recommended RPM (n): 7,700 – 15,000.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

D	z	v	B	22mm Bore d	Stock	Price
100	4	4	4	IT/721 020 4	Y	£103.53

Spare Knives and Scorers

Description	T.C. Blade	
Product Ref.	IT/300 850 1/10	IT/300 850 2/10
Size	18x18x2	14x14x1.2
Price	£55.00	£25.52



CE



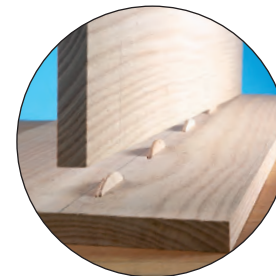
Edge Joints



Mitre Joints



Bevel Joints



T-joints

For details of the T20K Biscuit Jointer please see the latest Trend Routing & Woodworking Catalogue.

Key

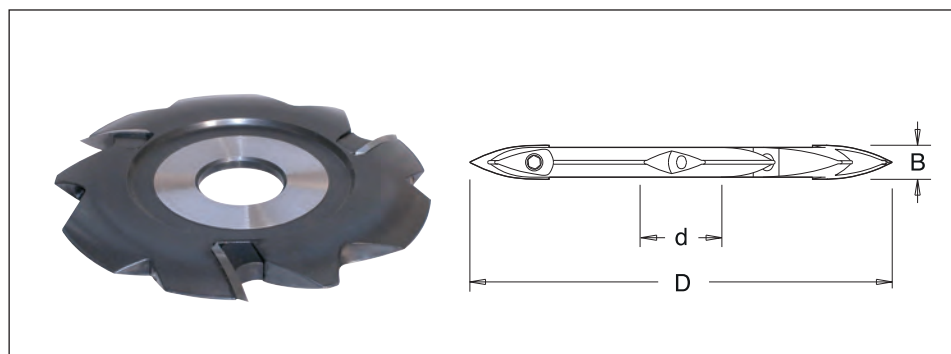
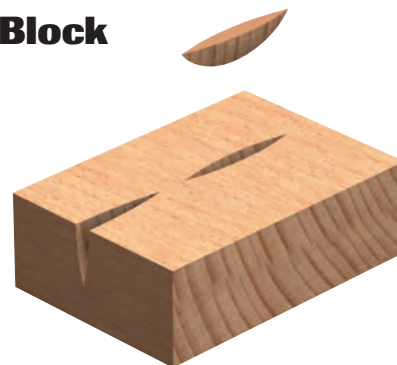
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Lamello® Disposable Insert Resin Pocket Cutter Block

- Hard wearing steel body complete with disposable Tungsten Carbide knives (z).
- Suitable for producing the slot in softwood and hardwood boards to take the No.2 wooden patches used in the Lamello® Minispot machine.
- Constant diameter and groove width through disposable tips. More cost effective than standard tipped cutter.
- Recommended RPM (n): 7,600 – 13,400.
- Suitable for Hand Feeding (MAN).



Hand Feed



EN847-1/2

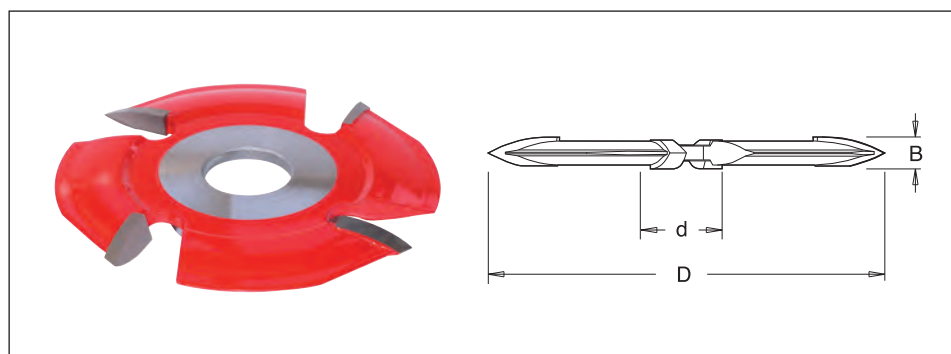
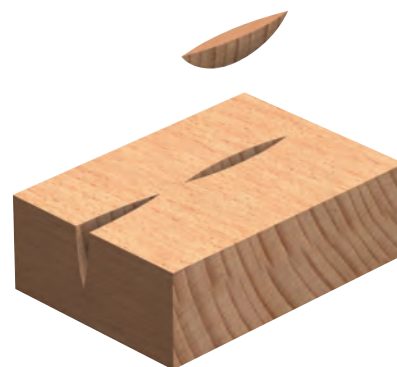
D	B	z	22mm Bore d	Stock	Price
100	8	3	IT/721 025 4	Y	£189.53

Spare Knife

Description	T.C. Blade
Product Ref.	IT/310 858 2
Size	8x20x2
Price	£20.00

Lamello® Resin Pocket Cutter Block

- Hard wearing steel body complete with Tungsten Carbide tips (z).
- Suitable for producing the slot in softwood and hardwood boards to take the No.2 wooden patches used in the Lamello® Minispot machine.
- 15mm wide cutter block also available for No.4 wooden patches.
- Recommended RPM (n): 7,600 - 13,400.
- Suitable for Hand Feeding (MAN).



Hand Feed

D	B	z	Minispot Patch Size	22mm Bore d	Stock	Price
100	8	4	No. 2	IT/707 520 4	Y	£71.82
100	15	4	No. 4	IT/707 525 4	Y	£99.00

Key

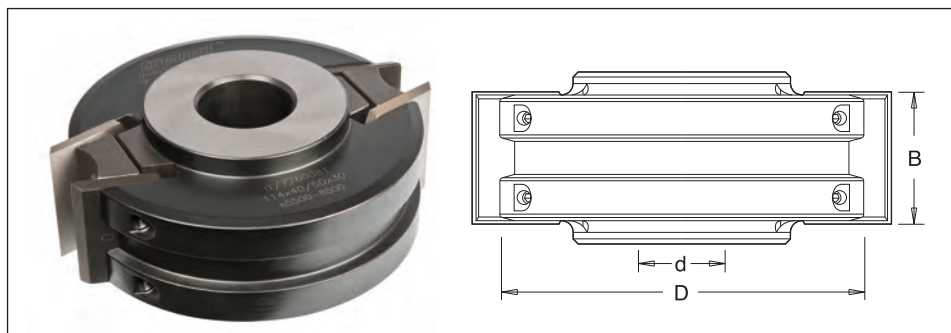
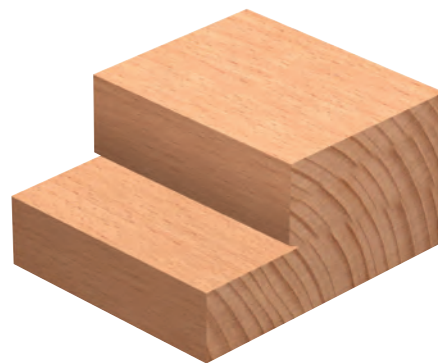
Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

Multi Profile Cutter Blocks

- Hard wearing steel and alloy (100mm diameter) body complete with two tool steel rebate knives and limiter plates.
- Suitable for jointing, rebating and profiling with 4mm thick knives and limitors in un-bonded softwood and hardwood boards on a spindle moulder.
- 14 profiles available in TCT suitable for abrasive hardwoods and man made board.
- Over one hundred and fifty 40mm and seventy 50mm profiles and limitors available from stock.
- 114mm diameter cutter block suitable for 40mm and 50mm knives and limitors.
- Suitable for Hand Feeding (MAN).



Recommended RPM (n):

78mm dia.	7,000 – 9,000
93mm dia.	6,000 – 9,000
100mm dia.	5,500 – 8,400
120mm dia.	5,100 – 8,000
114mm dia.	5,500 – 8,500



Hand Feed

D	B	z	30mm Bore d	1 1/4" Bore d	Stock	Price
78	40	2	IT/776 010 1	-	Y	£95.03
93	40	2	IT/776 006 1	IT/776 006 7	Y	£61.85
100	40	2	IT/776 020 1*	IT/776 010 7*	Y	£72.77
120	40	2	IT/776 007 1	IT/776 007 7	Y	£72.77
114	40/50	2	IT/776 008 1**	IT/776 008 7**	Y	£72.77

*Alloy Body

**Suitable for 40mm and 50mm profile knives/limitor plates.

Cutter Diameter with Mounted Rebate Knives

Cutter Head Diameter	Diameter with Rebate Knives
78mm	90mm
93mm	105mm
100mm	112mm
114mm	128mm
120mm	132mm

Empty Wooden Storage Boxes for 40mm Knives, Limitors and Cutter Blocks

- Empty wooden storage box suitable for cutter blocks listed above and 40mm profile knives and limitors shown on the following pages.
- Allows you to create your own sets.



Tools not included

Max Dia. of Cutterhead	Box Size	Max. no. of Knives/Limitors	Product Ref.	Stock	Price
93	125x220x60	12 Pairs	IT/600 106 0	Y	£17.54
114	155x240x60	12 Pairs	IT/600 106 1	Y	£23.10
130	195x265x60	24 Pairs	IT/600 106 2	Y	£26.99

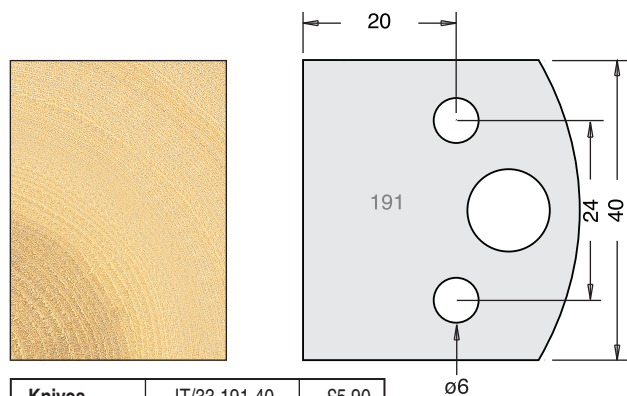
Key

Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

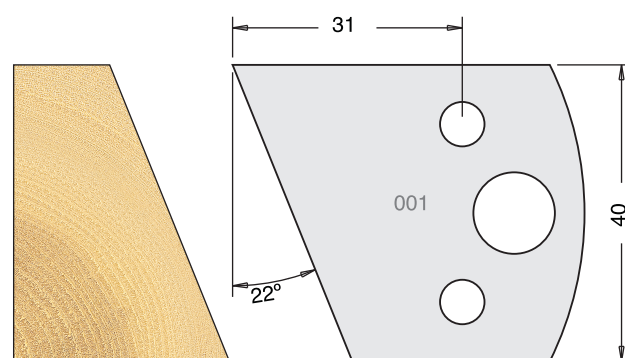
Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

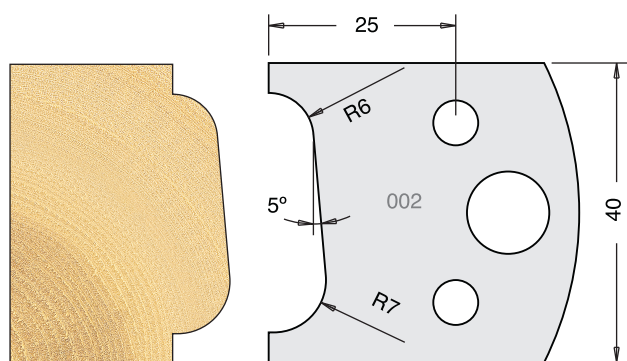
Tool Steel Multi Profile Cutters - 40x4mm



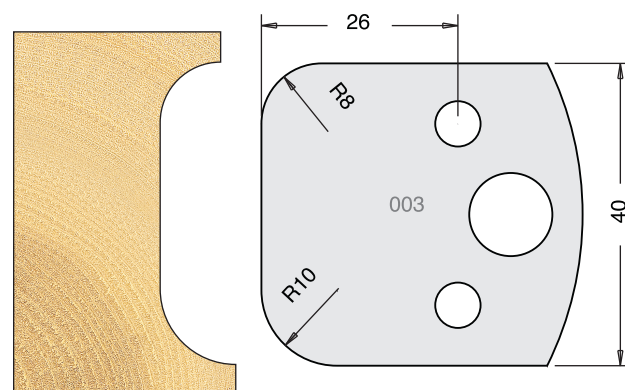
Knives	IT/33 191 40	£5.90
Limiters	IT/34 191 40	£4.50



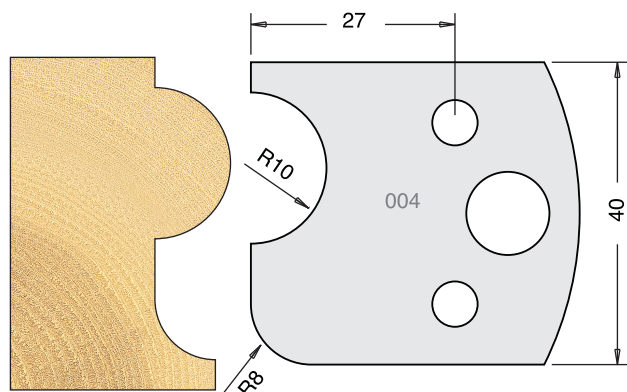
Knives	IT/33 001 40	£9.00
Limiters	IT/34 001 40	£8.50



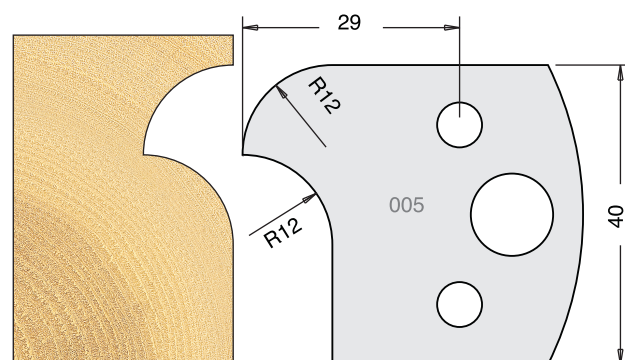
Knives	IT/33 002 40	£9.00
Limiters	IT/34 002 40	£8.50



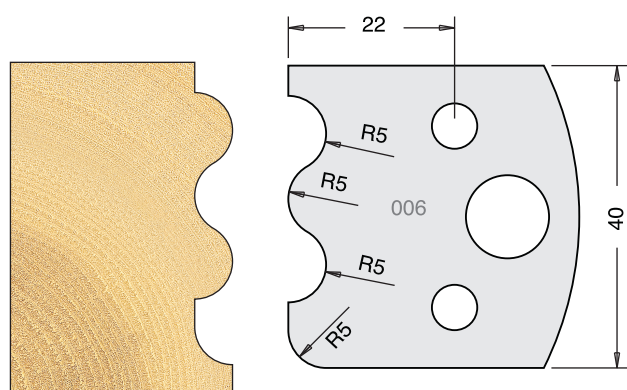
Knives	IT/33 003 40	£9.00
Limiters	IT/34 003 40	£8.50



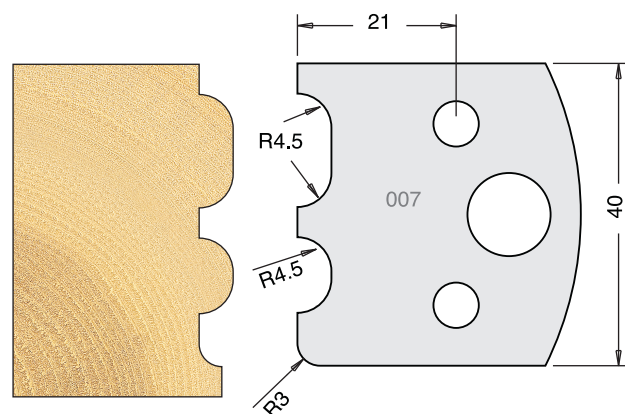
Knives	IT/33 004 40	£9.00
Limiters	IT/34 004 40	£8.50



Knives	IT/33 005 40	£9.00
Limiters	IT/34 005 40	£8.50



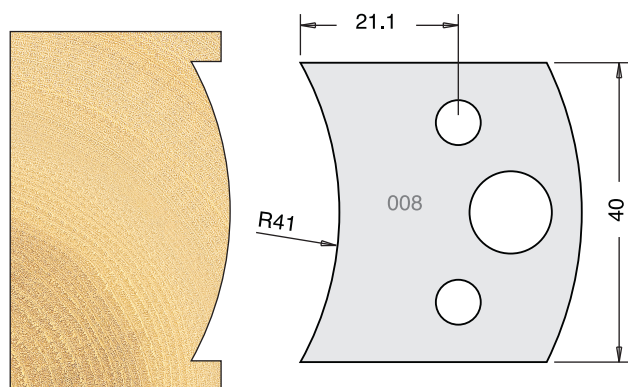
Knives	IT/33 006 40	£9.00
Limiters	IT/34 006 40	£8.50



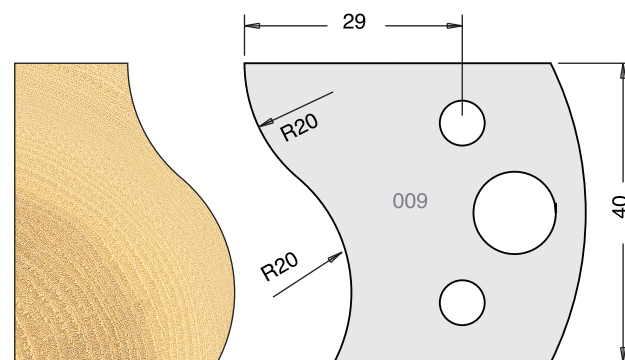
Knives	IT/33 007 40	£9.00
Limiters	IT/34 007 40	£8.50

All blades sold as a pair
All prices are exclusive of VAT

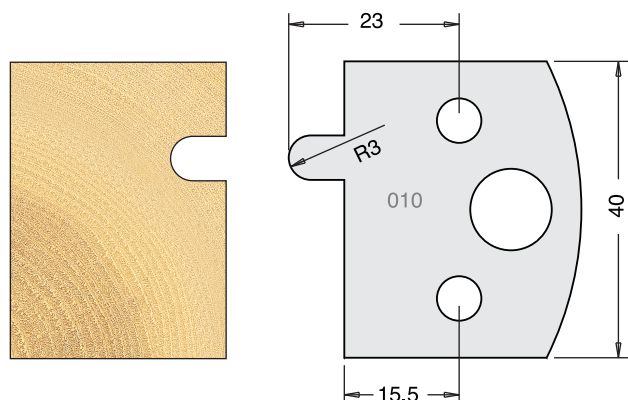
Tool Steel Multi Profile Cutters - 40x4mm



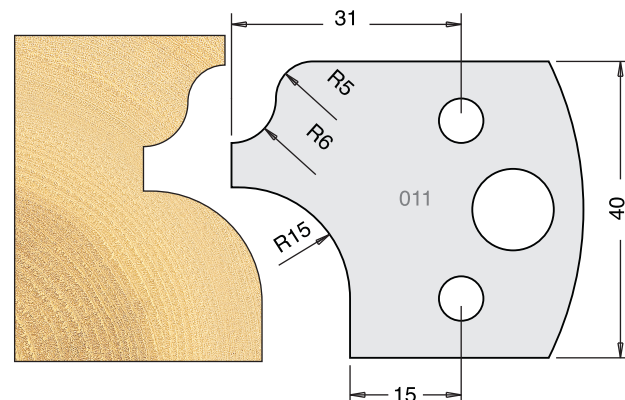
Knives	IT/33 008 40	£9.00
Limitors	IT/34 008 40	£8.50



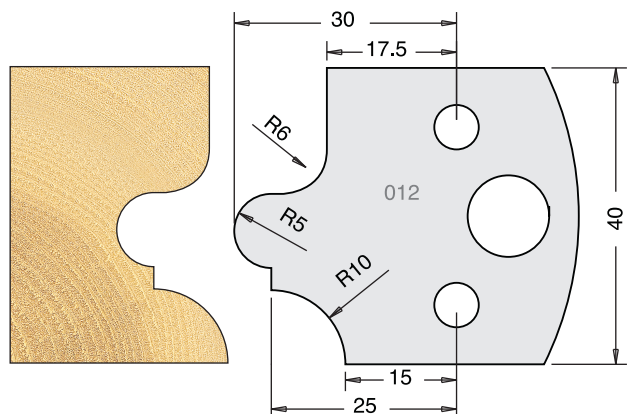
Knives	IT/33 009 40	£9.00
Limitors	IT/34 009 40	£8.50



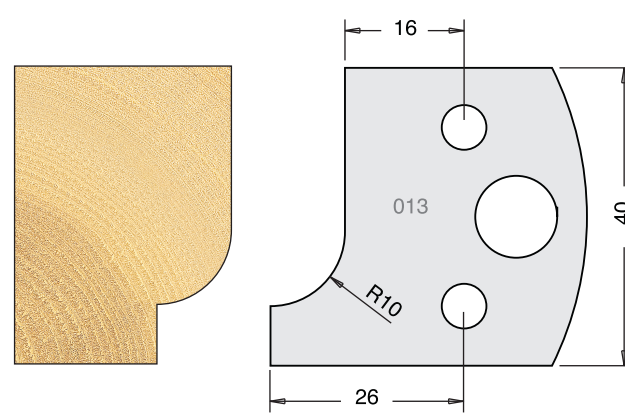
Knives	IT/33 010 40	£9.00
Limitors	IT/34 010 40	£8.50



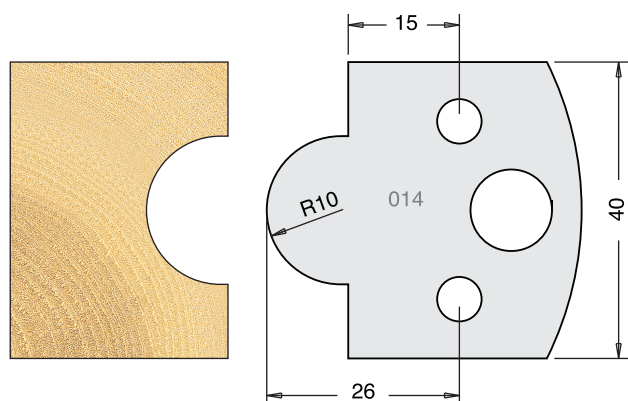
Knives	IT/33 011 40	£9.00
Limitors	IT/34 011 40	£8.50



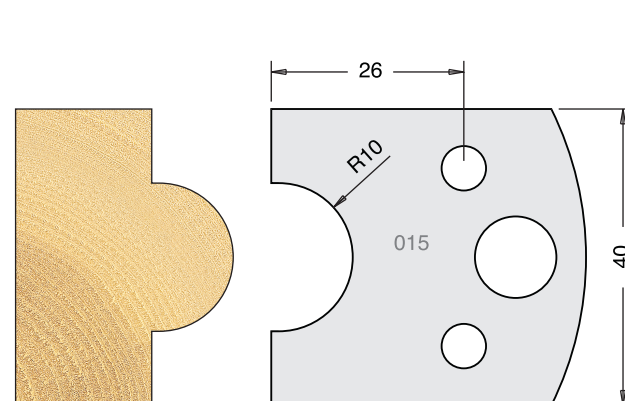
Knives	IT/33 012 40	£9.00
Limitors	IT/34 012 40	£8.50



Knives	IT/33 013 40	£9.00
Limitors	IT/34 013 40	£8.50



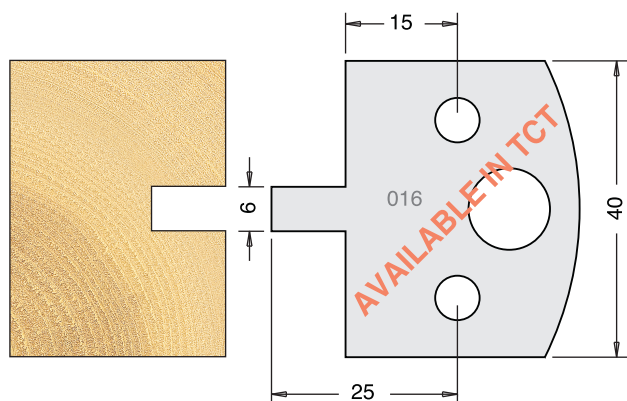
Knives	IT/33 014 40	£9.00
Limitors	IT/34 014 40	£8.50



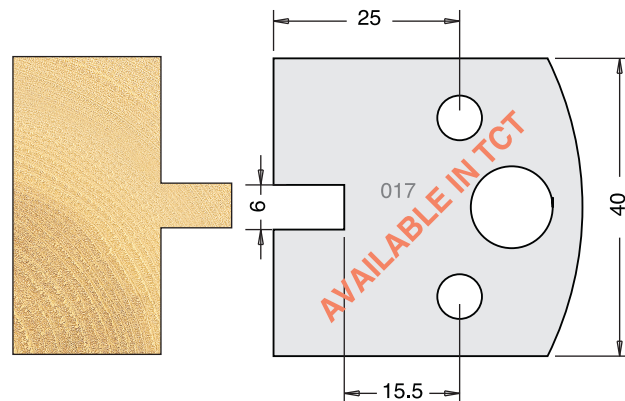
Knives	IT/33 015 40	£9.00
Limitors	IT/34 015 40	£8.50

All blades sold as a pair
All prices are exclusive of VAT

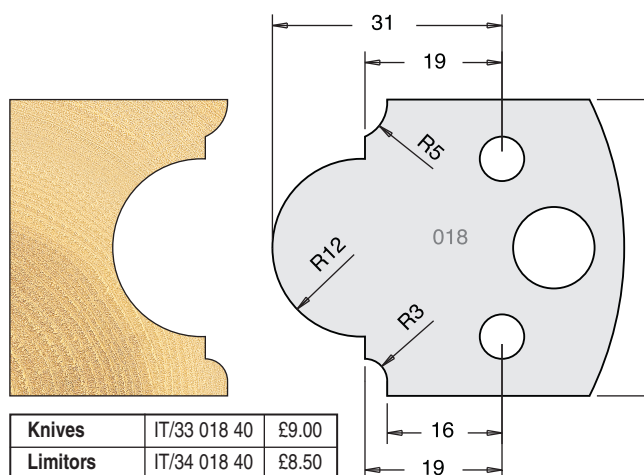
Tool Steel Multi Profile Cutters - 40x4mm



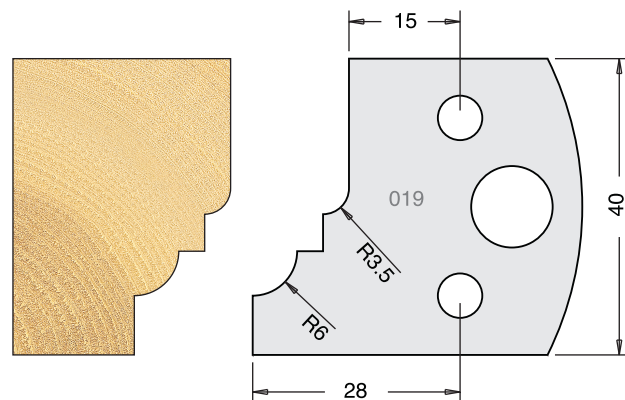
Knives	IT/33 016 40	£9.00	TCT	IT/33 016 42	£38.30
Limiters	IT/34 016 40	£8.50			



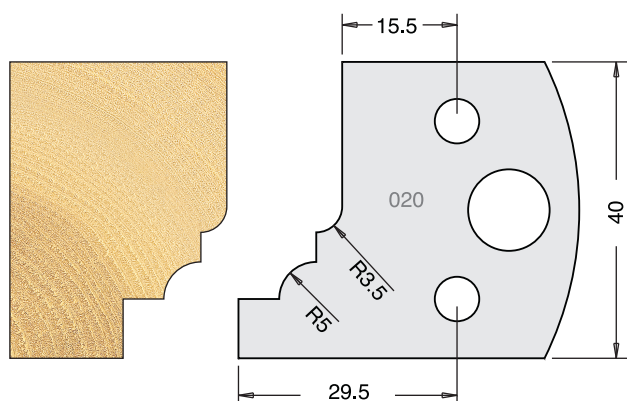
Knives	IT/33 017 40	£9.00	TCT	IT/33 017 42	£38.30
Limiters	IT/34 017 40	£8.50			



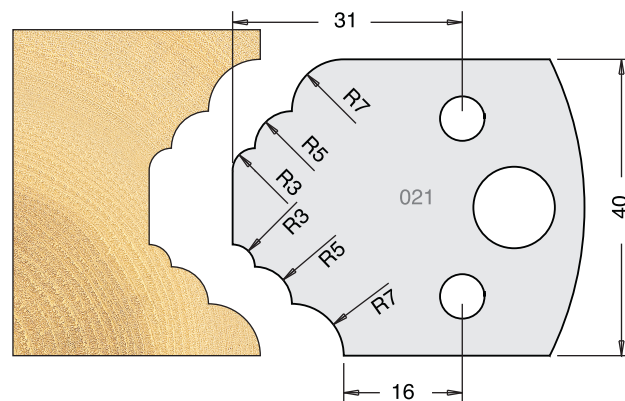
Knives	IT/33 018 40	£9.00
Limiters	IT/34 018 40	£8.50



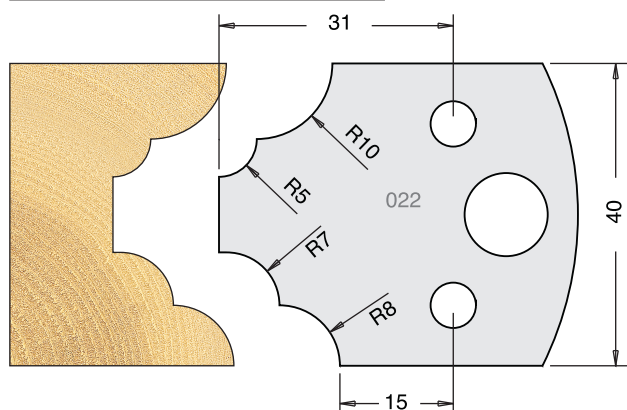
Knives	IT/33 019 40	£9.00
Limiters	IT/34 019 40	£8.50



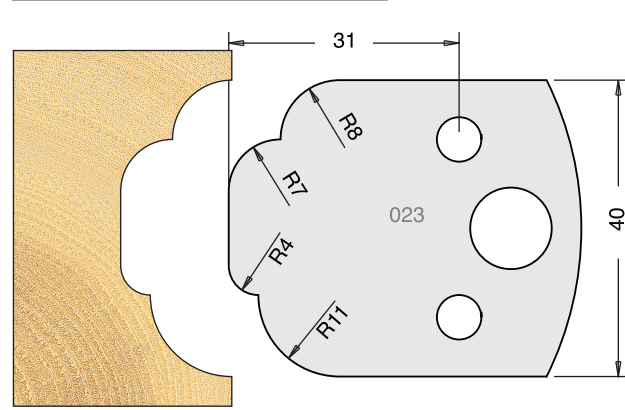
Knives	IT/33 020 40	£9.00
Limiters	IT/34 020 40	£8.50



Knives	IT/33 021 40	£9.00
Limiters	IT/34 021 40	£8.50



Knives	IT/33 022 40	£9.00
Limiters	IT/34 022 40	£8.50

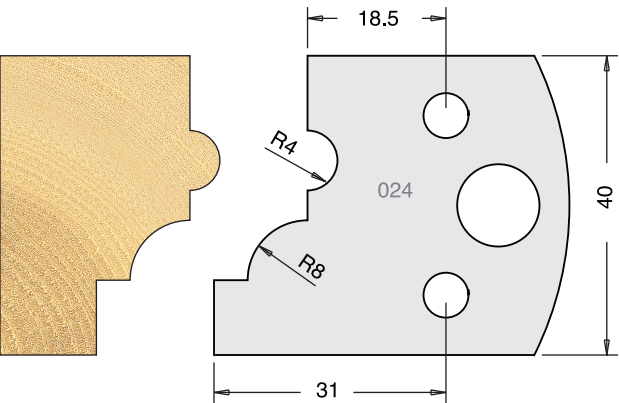


Knives	IT/33 023 40	£9.00
Limiters	IT/34 023 40	£8.50

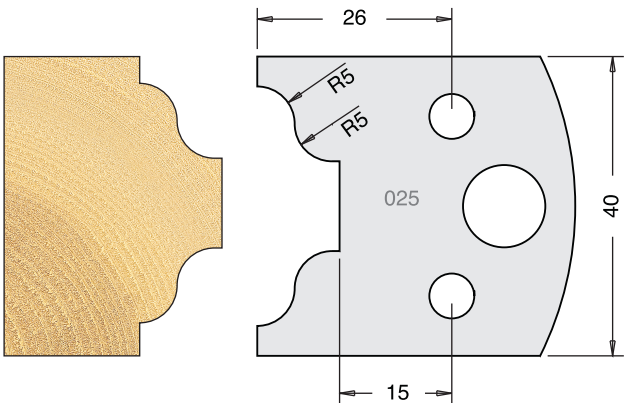
All blades sold as a pair
All prices are exclusive of VAT

All drawings are actual size
Profile drawing shows back of knife

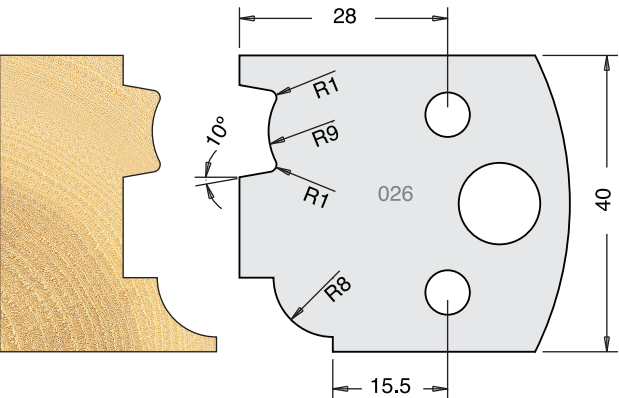
Tool Steel Multi Profile Cutters - 40x4mm



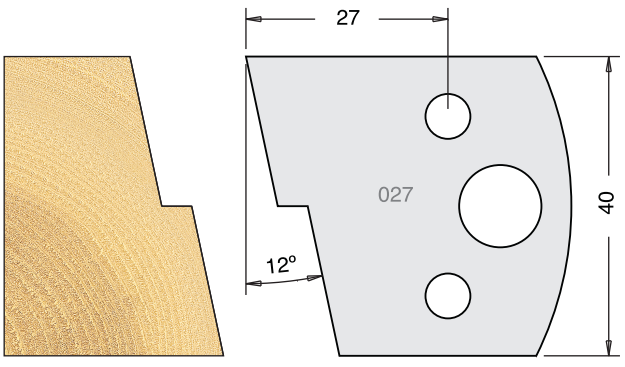
Knives	IT/33 024 40	£9.00
Limitors	IT/34 024 40	£8.50



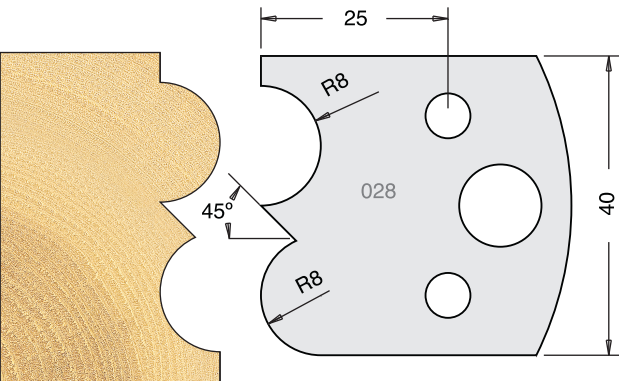
Knives	IT/33 025 40	£9.00
Limitors	IT/34 025 40	£8.50



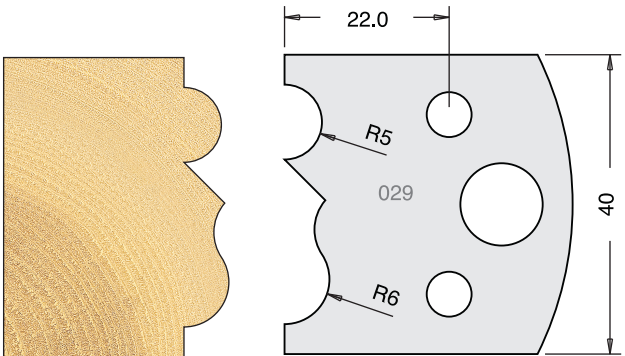
Knives	IT/33 026 40	£9.00
Limitors	IT/34 026 40	£8.50



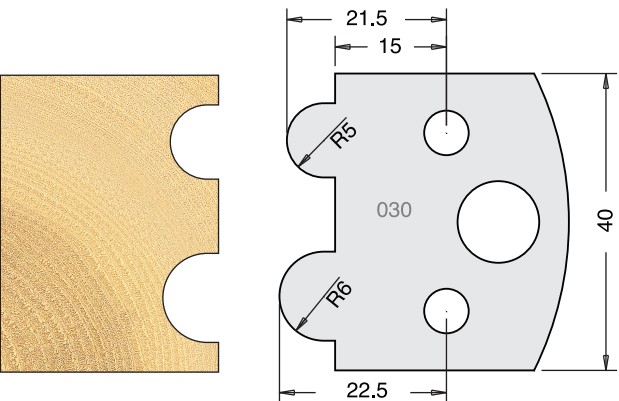
Knives	IT/33 027 40	£9.00
Limitors	IT/34 027 40	£8.50



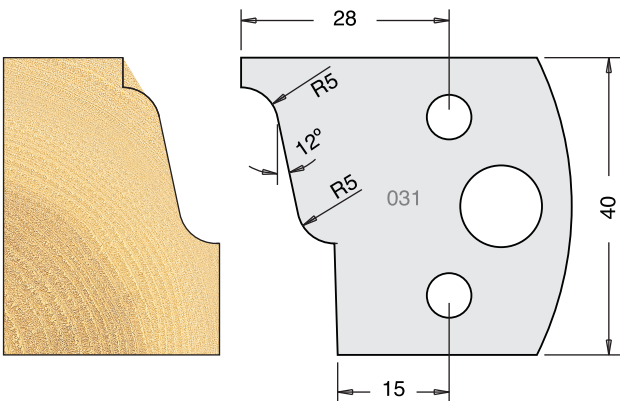
Knives	IT/33 028 40	£9.00
Limitors	IT/34 028 40	£8.50



Knives	IT/33 029 40	£9.00
Limitors	IT/34 029 40	£8.50

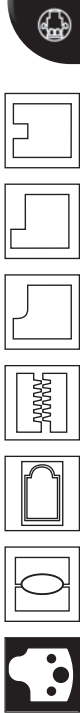


Knives	IT/33 030 40	£9.00
Limitors	IT/34 030 40	£8.50

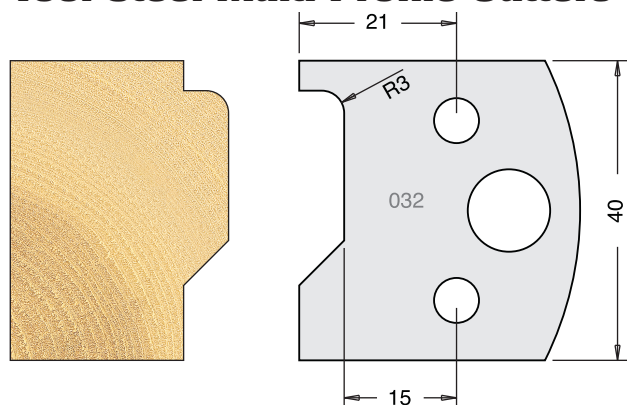


Knives	IT/33 031 40	£9.00
Limitors	IT/34 031 40	£8.50

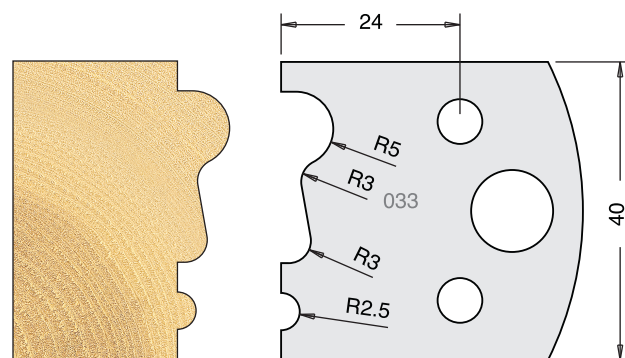
All blades sold as a pair
All prices are exclusive of VAT



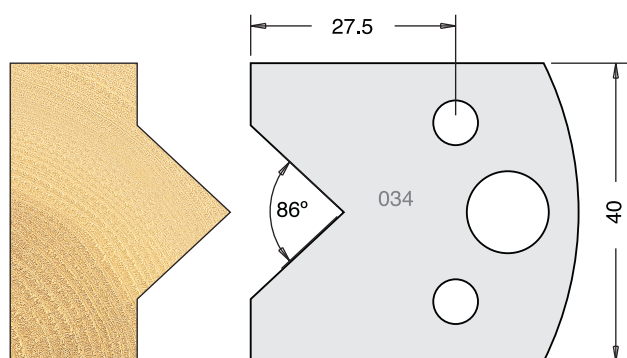
Tool Steel Multi Profile Cutters - 40x4mm



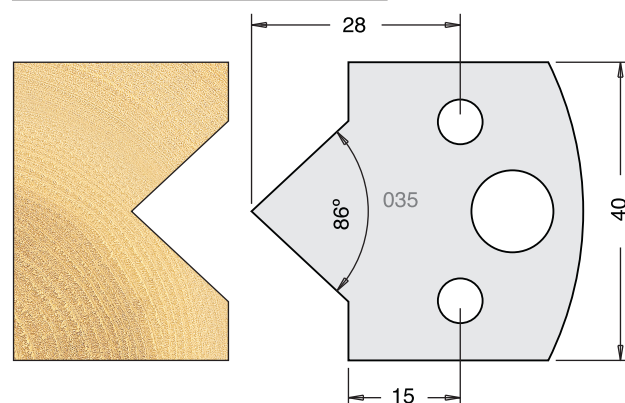
Knives	IT/33 032 40	£9.00
Limitors	IT/34 032 40	£8.50



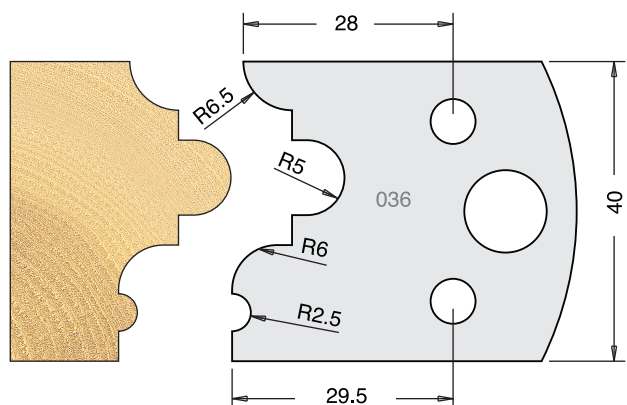
Knives	IT/33 033 40	£9.00
Limitors	IT/34 033 40	£8.50



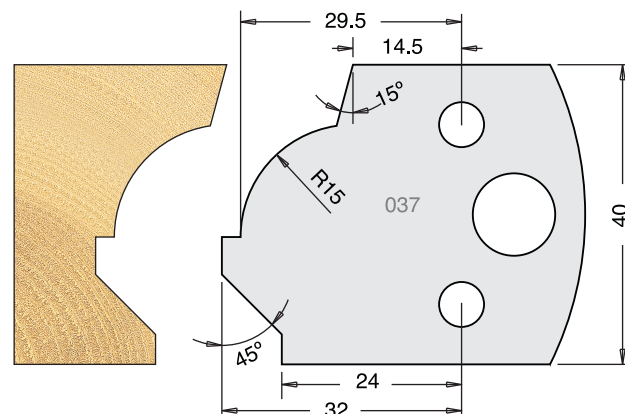
Knives	IT/33 034 40	£9.00
Limitors	IT/34 034 40	£8.50



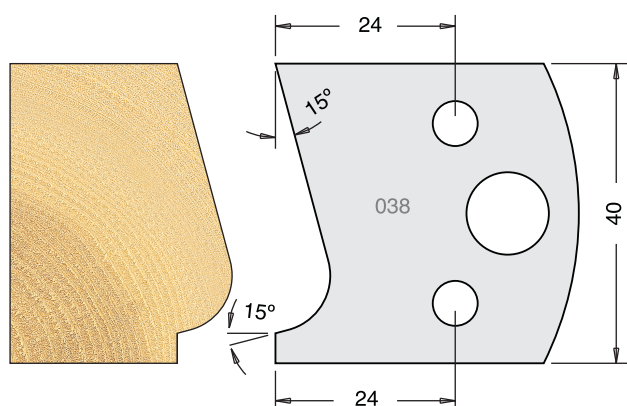
Knives	IT/33 035 40	£9.00
Limitors	IT/34 035 40	£8.50



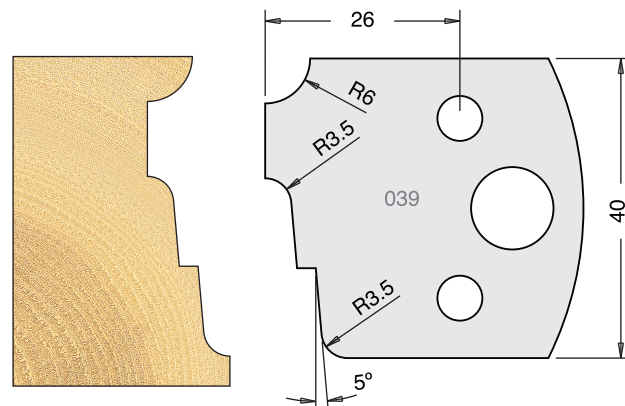
Knives	IT/33 036 40	£9.00
Limitors	IT/34 036 40	£8.50



Knives	IT/33 037 40	£9.00
Limitors	IT/34 037 40	£8.50



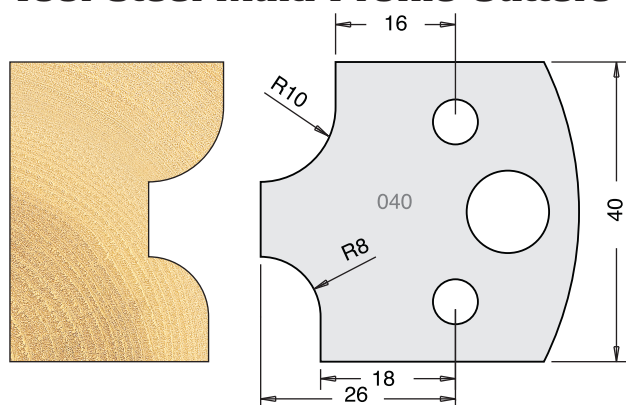
Knives	IT/33 038 40	£9.00
Limitors	IT/34 038 40	£8.50



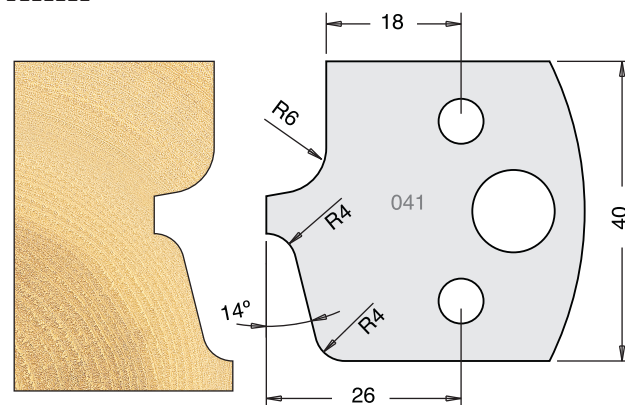
Knives	IT/33 039 40	£9.00
Limitors	IT/34 039 40	£8.50

All blades sold as a pair
All prices are exclusive of VAT

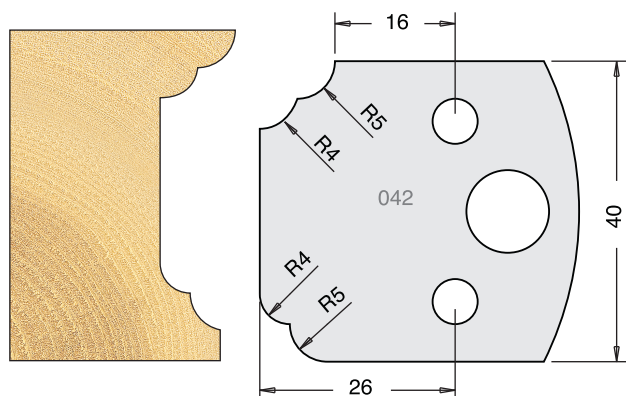
Tool Steel Multi Profile Cutters - 40x4mm



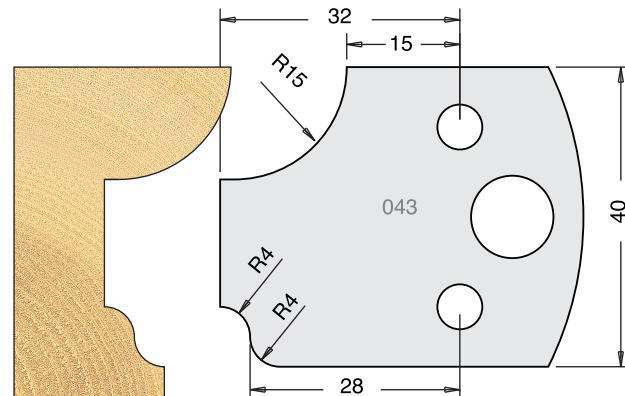
Knives	IT/33 040 40	£9.00
Limitors	IT/34 040 40	£8.50



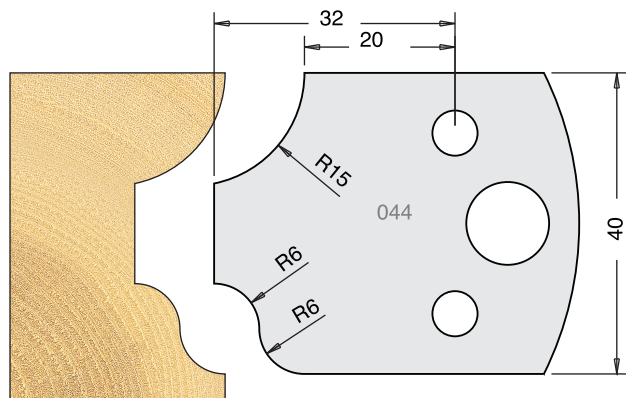
Knives	IT/33 041 40	£9.00
Limitors	IT/34 041 40	£8.50



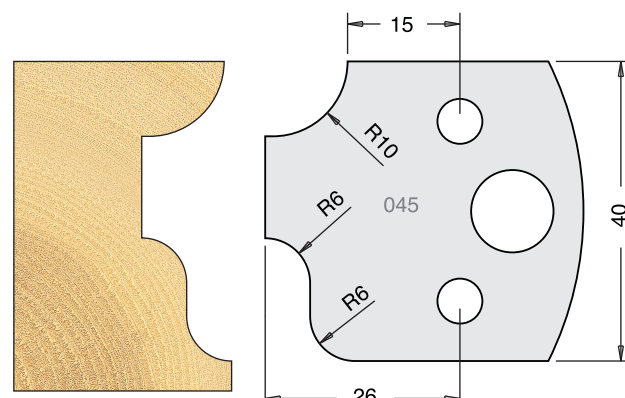
Knives	IT/33 042 40	£9.00
Limitors	IT/34 042 40	£8.50



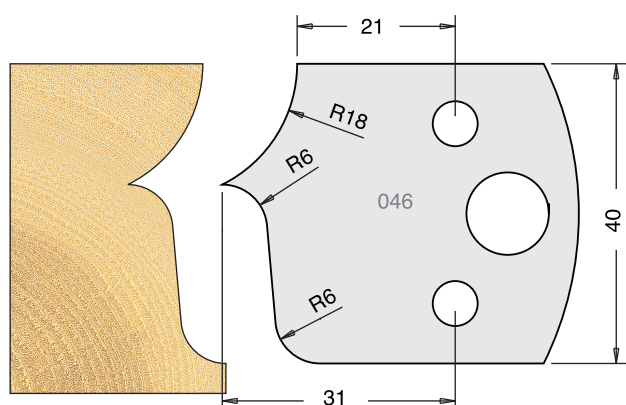
Knives	IT/33 043 40	£9.00
Limitors	IT/34 043 40	£8.50



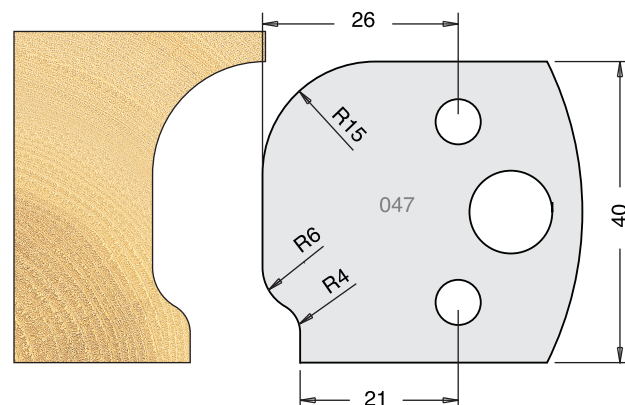
Knives	IT/33 044 40	£9.00
Limitors	IT/34 044 40	£8.50



Knives	IT/33 045 40	£9.00
Limitors	IT/34 045 40	£8.50

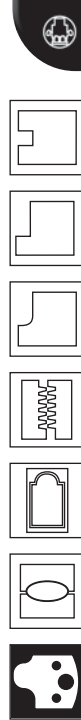


Knives	IT/33 046 40	£9.00
Limitors	IT/34 046 40	£8.50

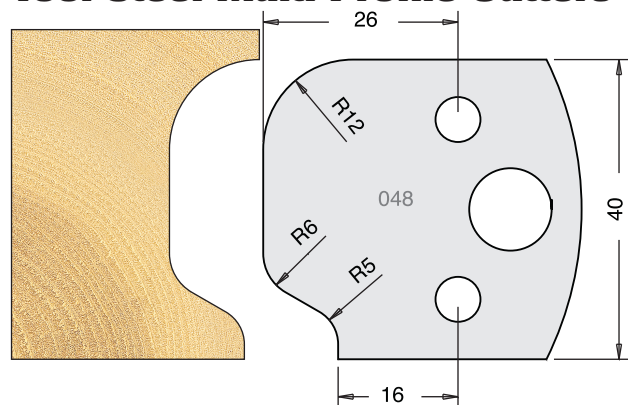


Knives	IT/33 047 40	£9.00
Limitors	IT/34 047 40	£8.50

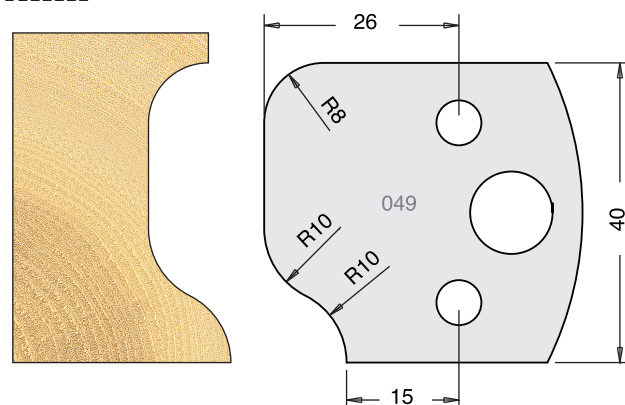
All blades sold as a pair
All prices are exclusive of VAT



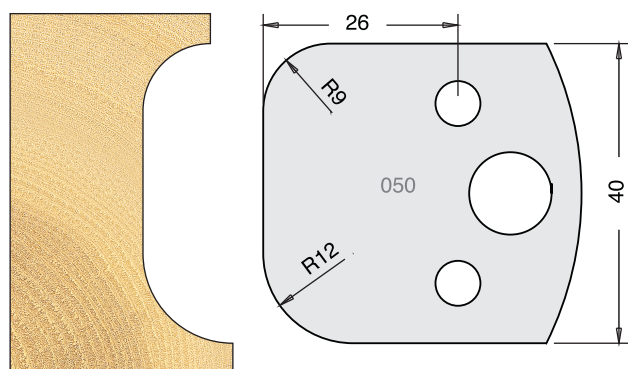
Tool Steel Multi Profile Cutters - 40x4mm



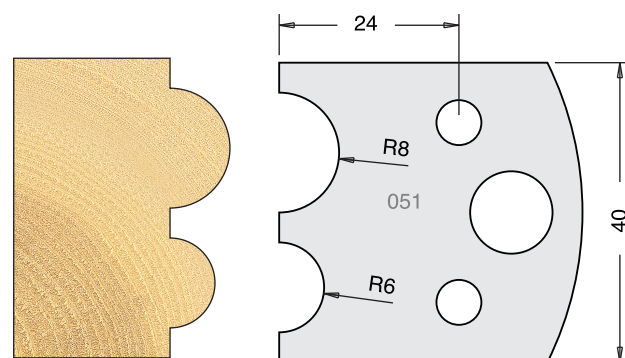
Knives	IT/33 048 40	£9.00
Limiters	IT/34 048 40	£8.50



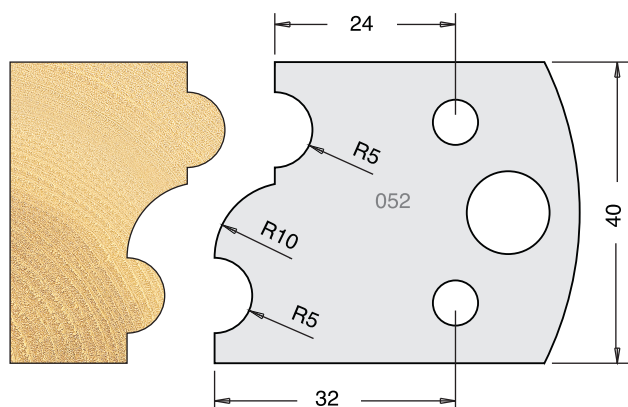
Knives	IT/33 049 40	£9.00
Limiters	IT/34 049 40	£8.50



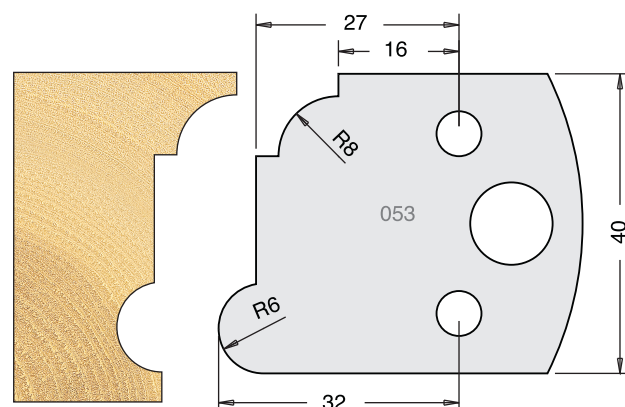
Knives	IT/33 050 40	£9.00
Limiters	IT/34 050 40	£8.50



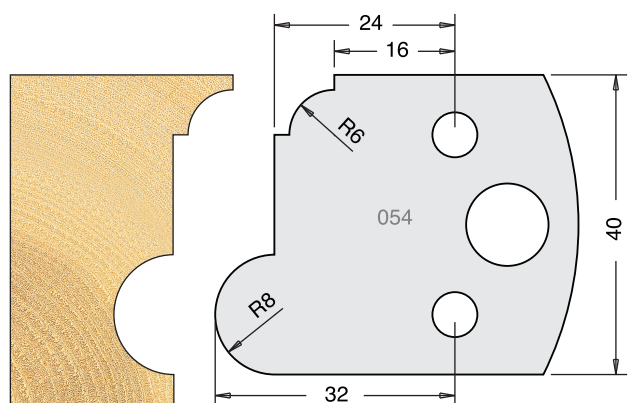
Knives	IT/33 051 40	£9.00
Limiters	IT/34 051 40	£8.50



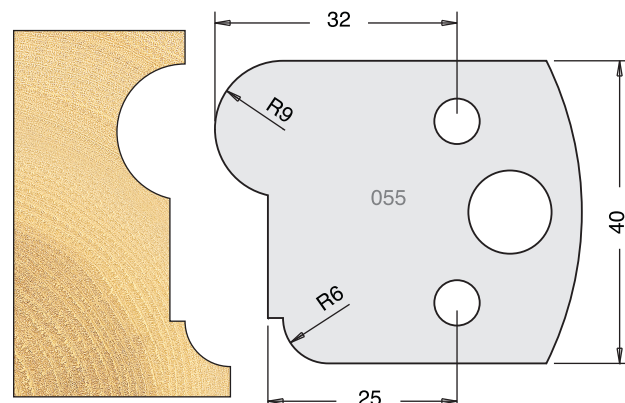
Knives	IT/33 052 40	£9.00
Limiters	IT/34 052 40	£8.50



Knives	IT/33 053 40	£9.00
Limiters	IT/34 053 40	£8.50



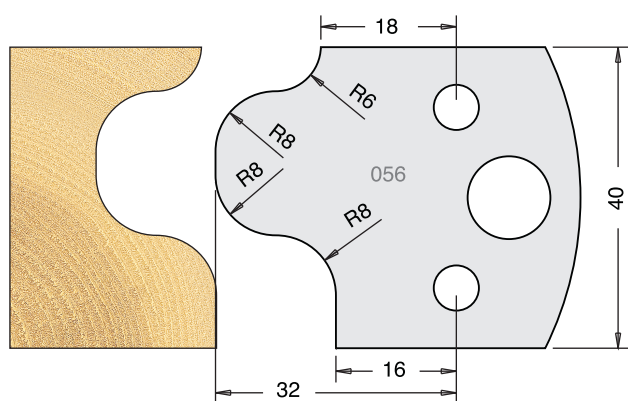
Knives	IT/33 054 40	£9.00
Limiters	IT/34 054 40	£8.50



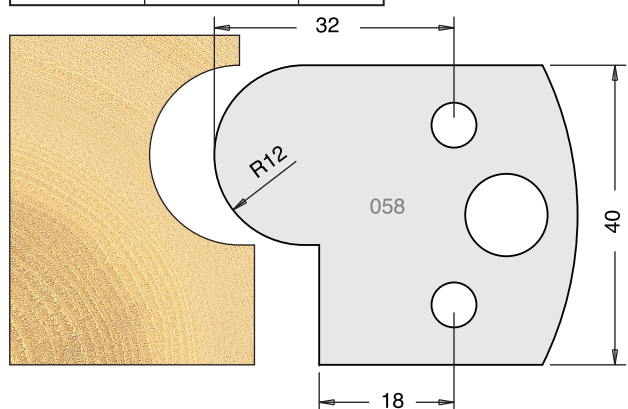
Knives	IT/33 055 40	£9.00
Limiters	IT/34 055 40	£8.50

All blades sold as a pair
All prices are exclusive of VAT

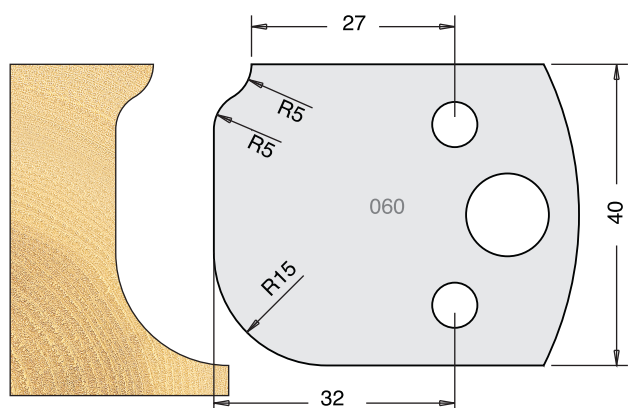
Tool Steel Multi Profile Cutters - 40x4mm



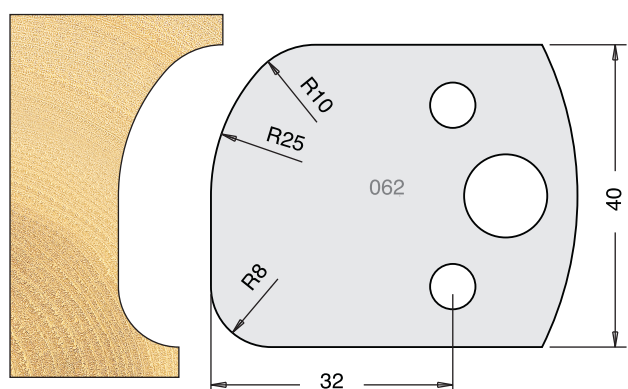
Knives	IT/33 056 40	£9.00
Limits	IT/34 056 40	£8.50



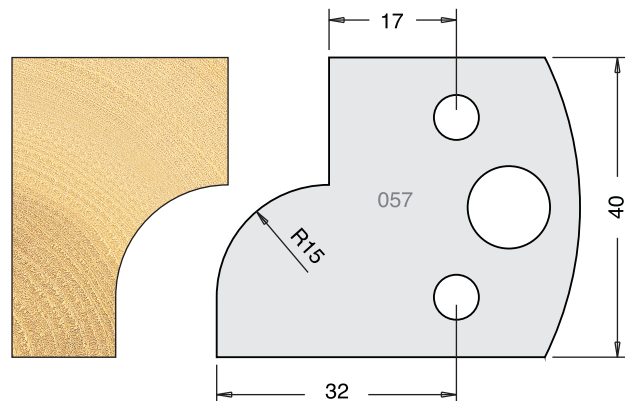
Knives	IT/33 058 40	£9.00
Limits	IT/34 058 40	£8.50



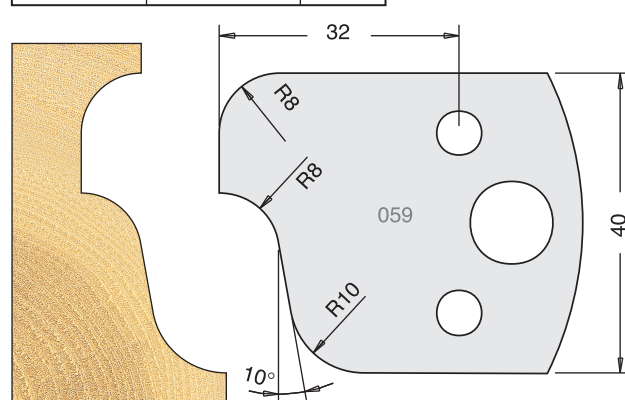
Knives	IT/33 060 40	£9.00
Limits	IT/34 060 40	£8.50



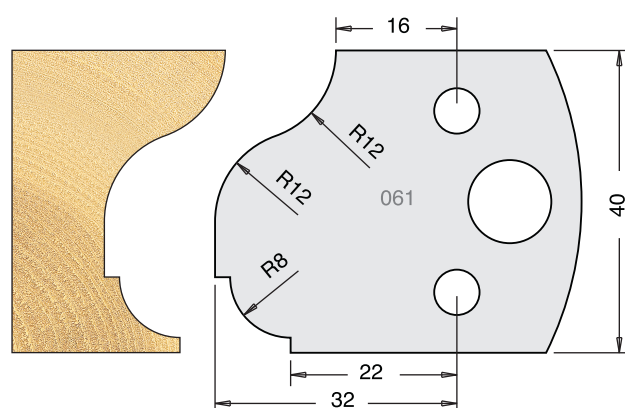
Knives	IT/33 062 40	£9.00
Limits	IT/34 062 40	£8.50



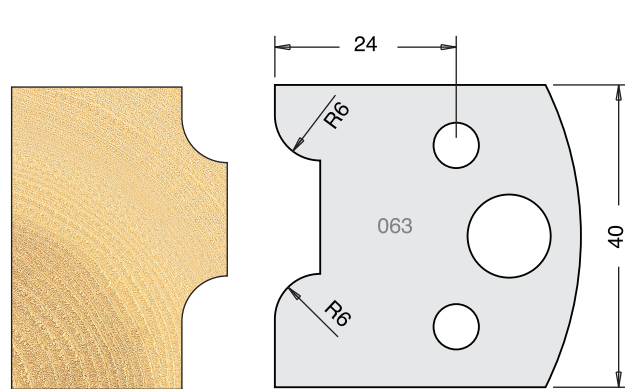
Knives	IT/33 057 40	£9.00
Limits	IT/34 057 40	£8.50



Knives	IT/33 059 40	£9.00
Limits	IT/34 059 40	£8.50

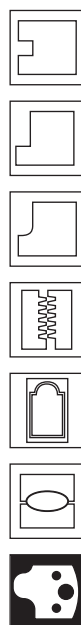


Knives	IT/33 061 40	£9.00
Limits	IT/34 061 40	£8.50

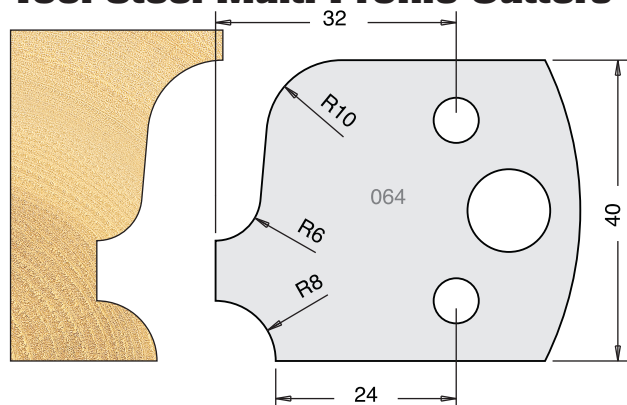


Knives	IT/33 063 40	£9.00
Limits	IT/34 063 40	£8.50

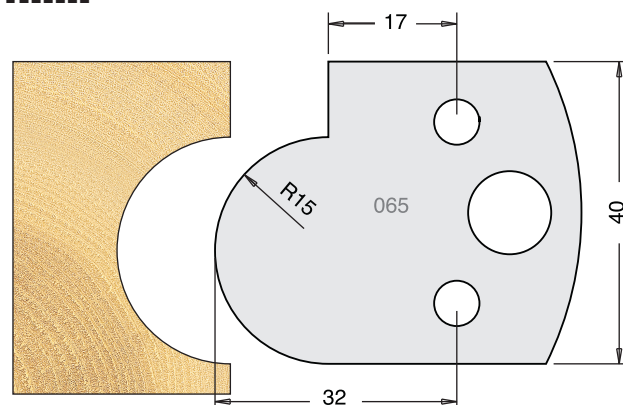
All blades sold as a pair
All prices are exclusive of VAT



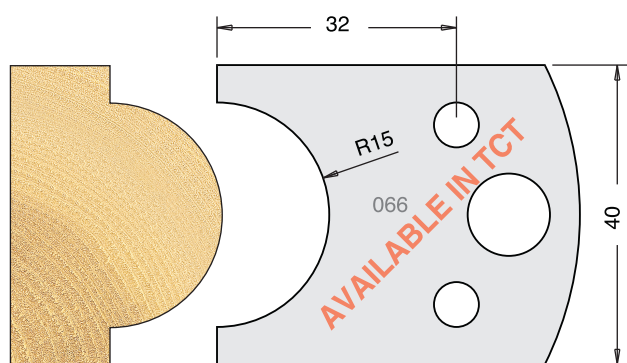
Tool Steel Multi Profile Cutters - 40x4mm



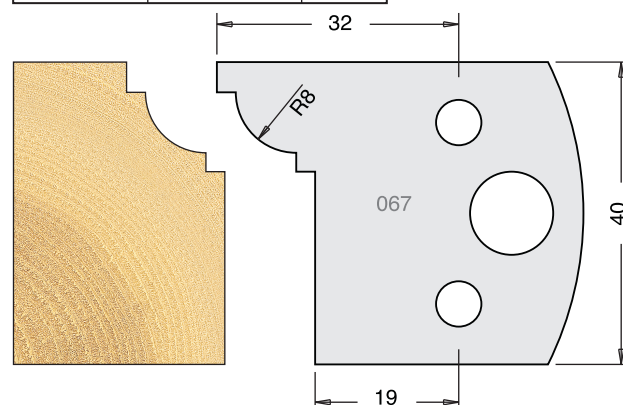
Knives	IT/33 064 40	£9.00
Limitors	IT/34 064 40	£8.50



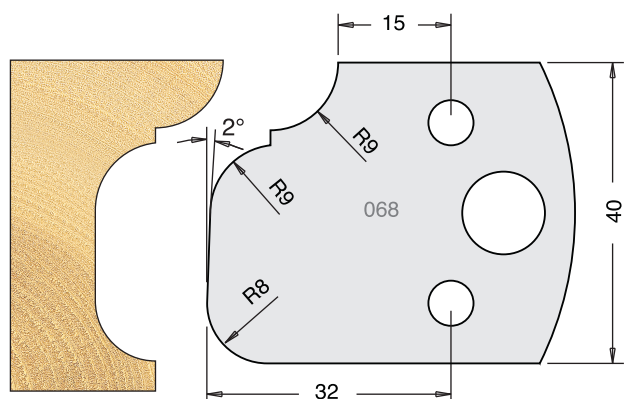
Knives	IT/33 065 40	£9.00
Limitors	IT/34 065 40	£8.50



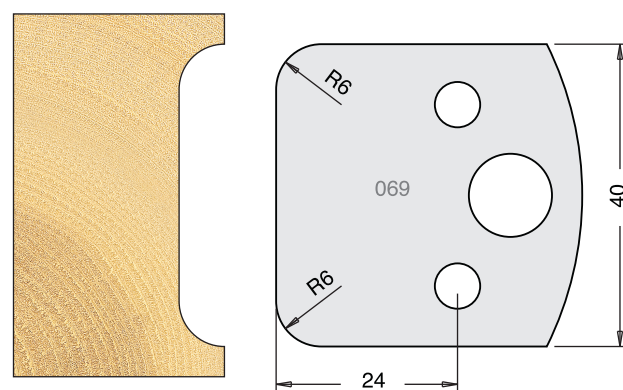
Knives	IT/33 066 40	£9.00	TCT	IT/33 066 42	£32.40
Limitors	IT/34 066 40	£8.50			



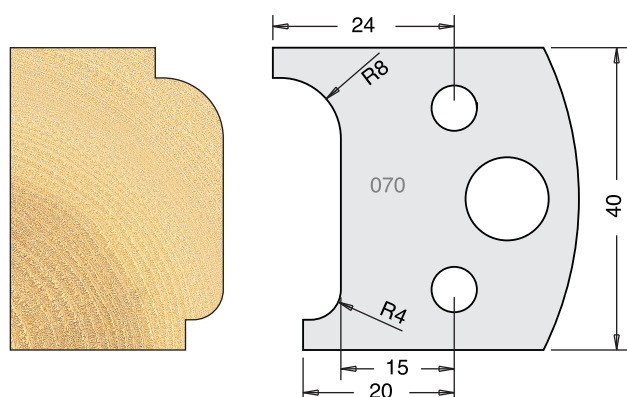
Knives	IT/33 067 40	£9.00
Limitors	IT/34 067 40	£8.50



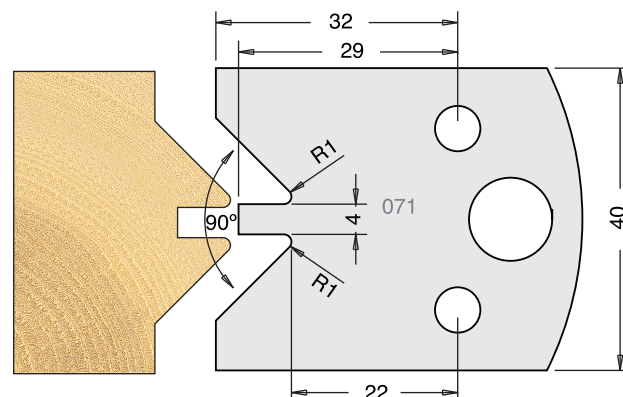
Knives	IT/33 068 40	£9.00
Limitors	IT/34 068 40	£8.50



Knives	IT/33 069 40	£9.00
Limitors	IT/34 069 40	£8.50



Knives	IT/33 070 40	£9.00
Limitors	IT/34 070 40	£8.50

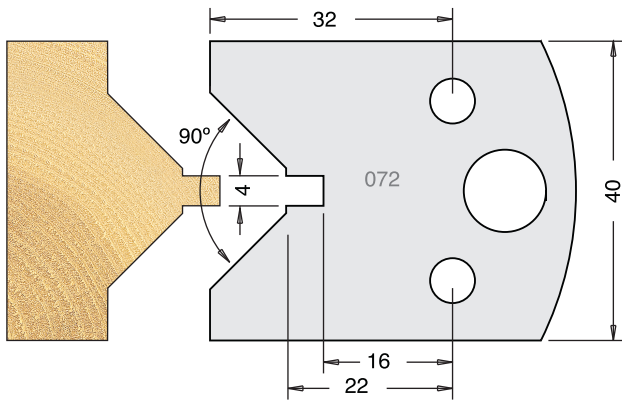


Knives	IT/33 071 40	£9.00
Limitors	IT/34 071 40	£8.50

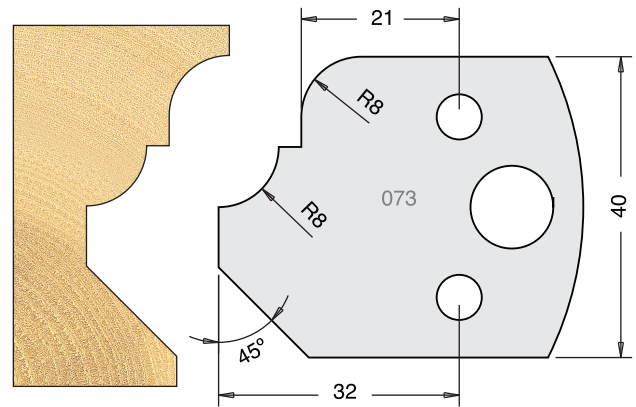
All blades sold as a pair
All prices are exclusive of VAT

All drawings are actual size
Profile drawing shows back of knife

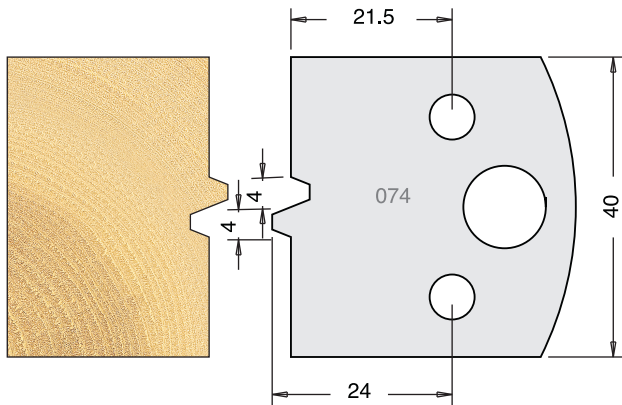
Tool Steel Multi Profile Cutters - 40x4mm



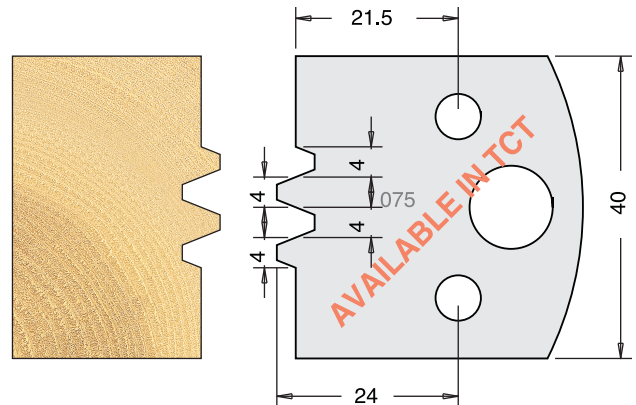
Knives	IT/33 072 40	£9.00
Limits	IT/34 072 40	£8.50



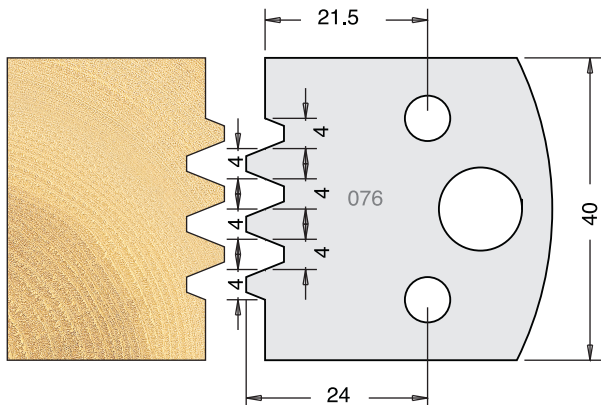
Knives	IT/33 073 40	£9.00
Limits	IT/34 073 40	£8.50



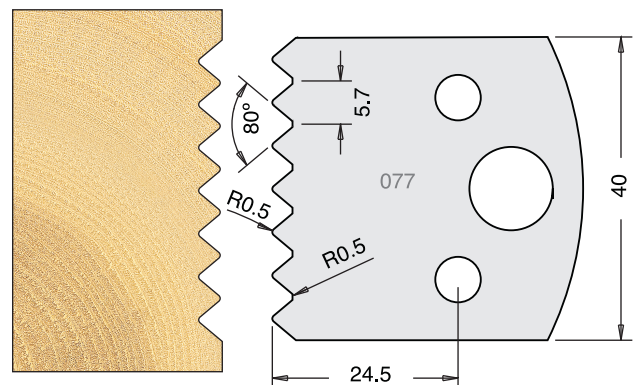
Knives	IT/33 074 40	£9.00
Limits	IT/34 074 40	£8.50



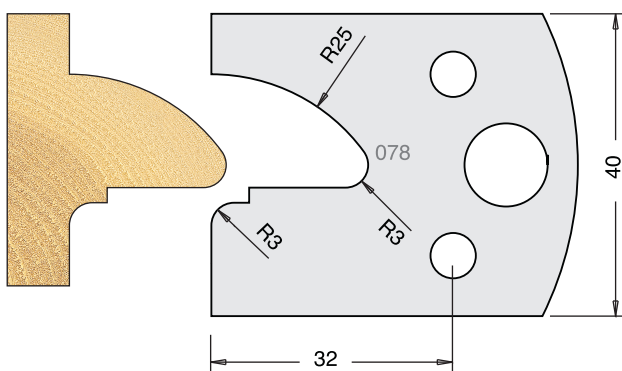
Knives	IT/33 075 40	£9.00	TCT	IT/33 075 42	£38.30
Limits	IT/34 075 40	£8.50			



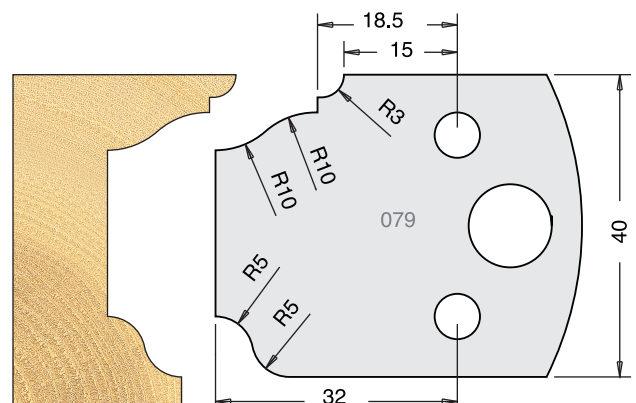
Knives	IT/33 076 40	£9.00
Limits	IT/34 076 40	£8.50



Knives	IT/33 077 40	£9.00
Limits	IT/34 077 40	£8.50

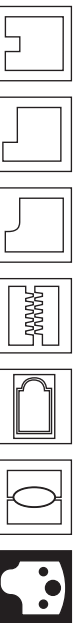


Knives	IT/33 078 40	£9.00
Limits	IT/34 078 40	£8.50

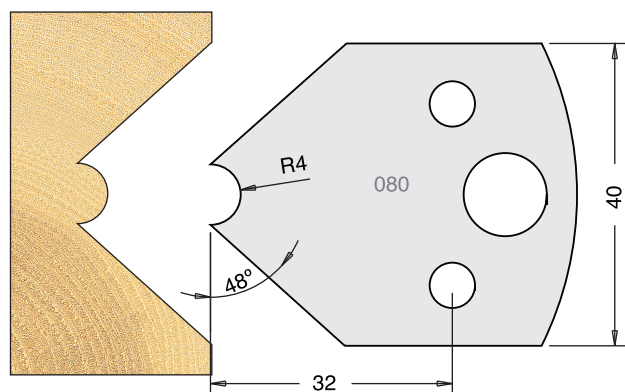


Knives	IT/33 079 40	£9.00
Limits	IT/34 079 40	£8.50

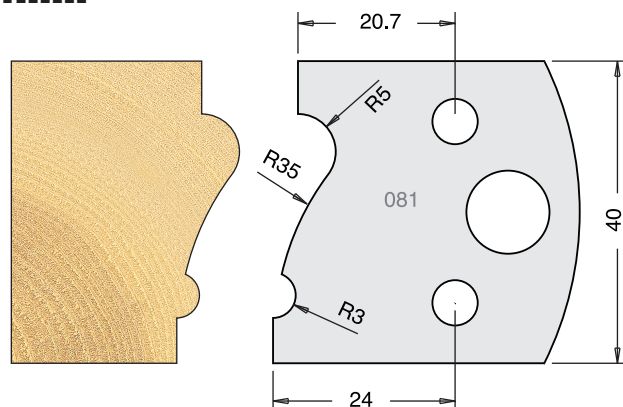
All blades sold as a pair
All prices are exclusive of VAT



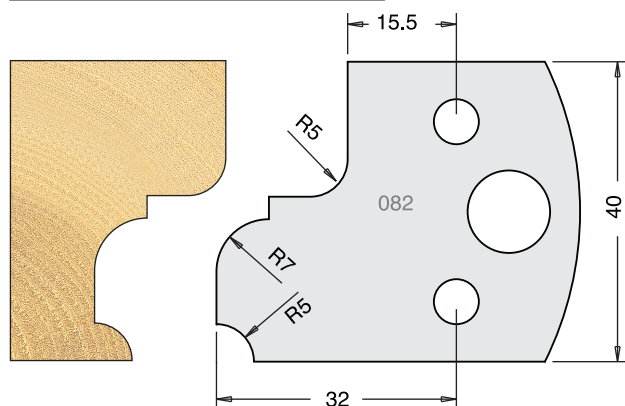
Tool Steel Multi Profile Cutters - 40x4mm



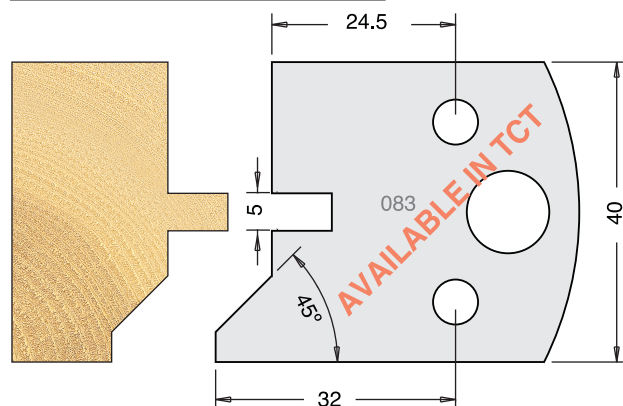
Knives	IT/33 080 40	£9.00
Limiters	IT/34 080 40	£8.50



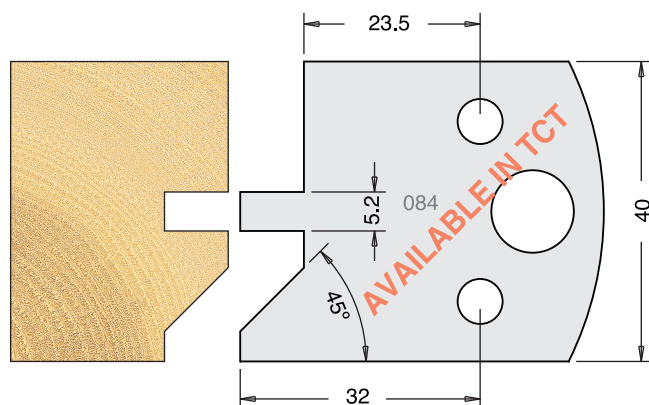
Knives	IT/33 081 40	£9.00
Limiters	IT/34 081 40	£8.50



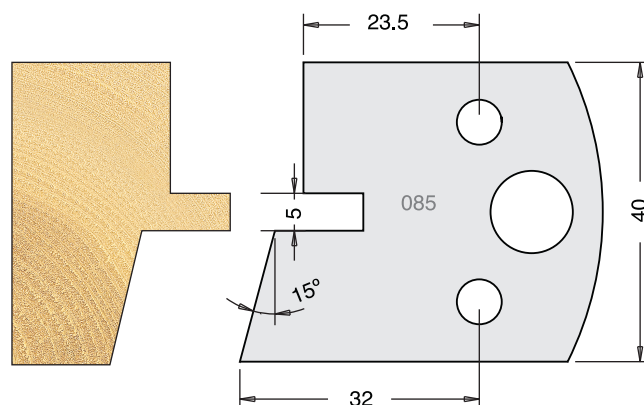
Knives	IT/33 082 40	£9.00
Limiters	IT/34 082 40	£8.50



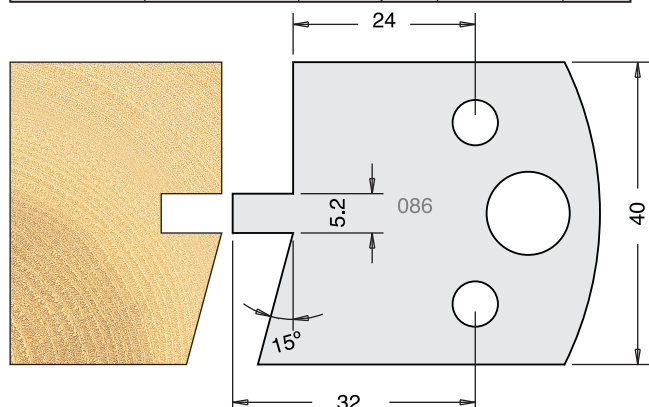
Knives	IT/33 083 40	£9.00	TCT	IT/33 083 42	£38.30
Limiters	IT/34 083 40	£8.50			



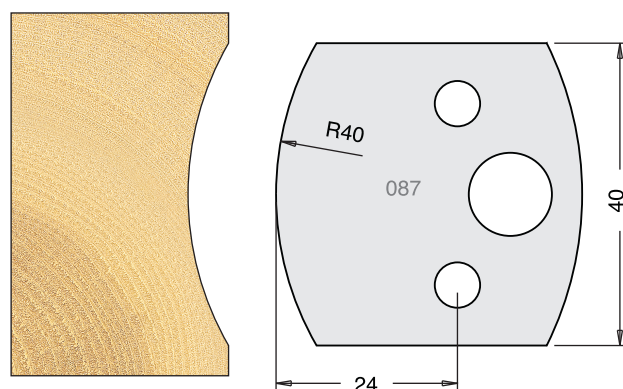
Knives	IT/33 084 40	£9.00	TCT	IT/33 084 42	£38.30
Limiters	IT/34 084 40	£8.50			



Knives	IT/33 085 40	£9.00
Limiters	IT/34 085 40	£8.50



Knives	IT/33 086 40	£9.00
Limiters	IT/34 086 40	£8.50

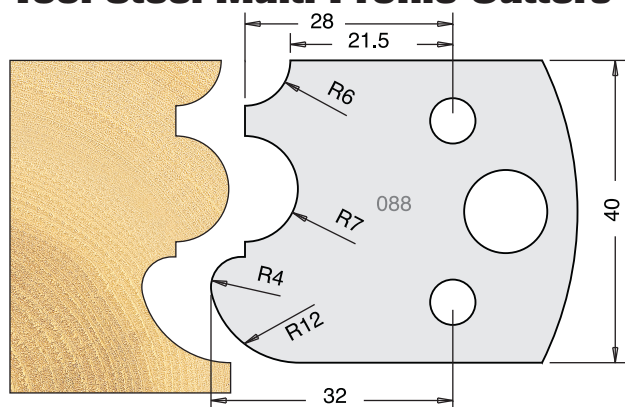


Knives	IT/33 087 40	£9.00
Limiters	IT/34 087 40	£8.50

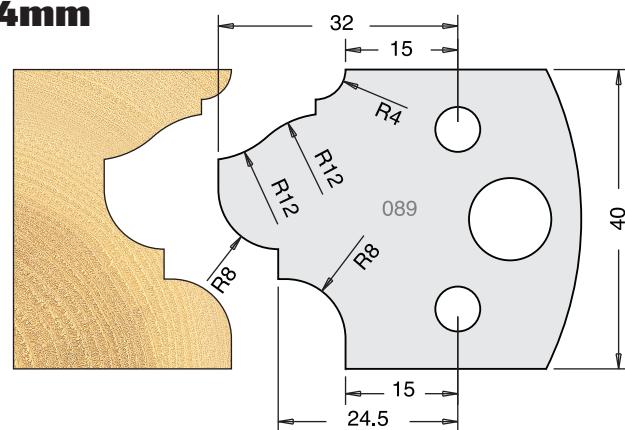
All blades sold as a pair
All prices are exclusive of VAT

All drawings are actual size
Profile drawing shows back of knife

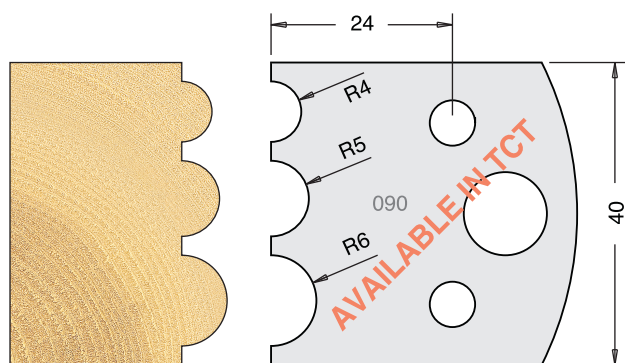
Tool Steel Multi Profile Cutters - 40x4mm



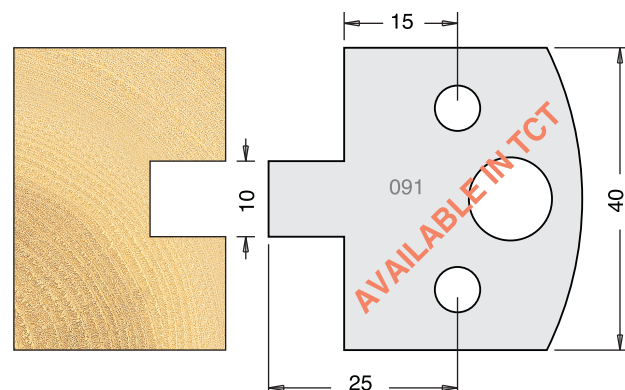
Knives	IT/33 088 40	£9.00
Limitors	IT/34 088 40	£8.50



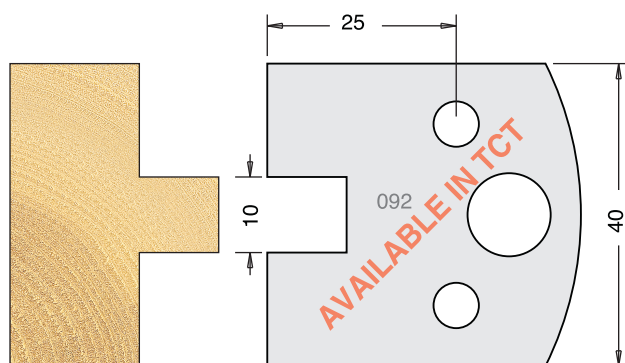
Knives	IT/33 089 40	£9.00
Limitors	IT/34 089 40	£8.50



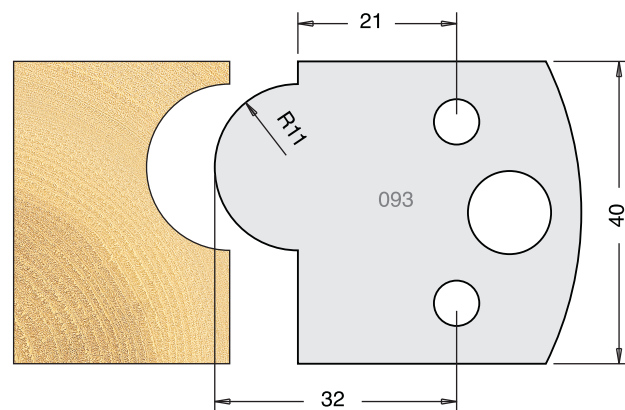
Knives	IT/33 090 40	£9.00	TCT	IT/33 090 42	£38.30
Limitors	IT/34 090 40	£8.50			



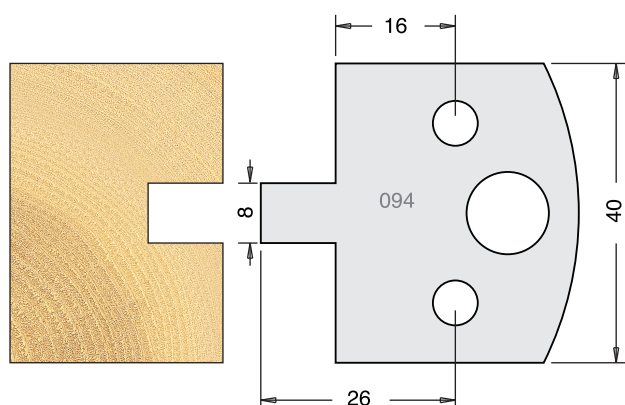
Knives	IT/33 091 40	£9.00	TCT	IT/33 091 42	£38.30
Limitors	IT/34 091 40	£8.50			



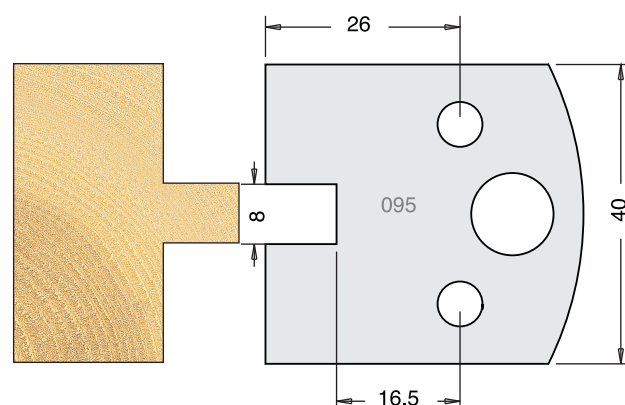
Knives	IT/33 092 40	£9.00	TCT	IT/33 092 42	£38.30
Limitors	IT/34 092 40	£8.50			



Knives	IT/33 093 40	£9.00
Limitors	IT/34 093 40	£8.50



Knives	IT/33 094 40	£9.00
Limitors	IT/34 094 40	£8.50



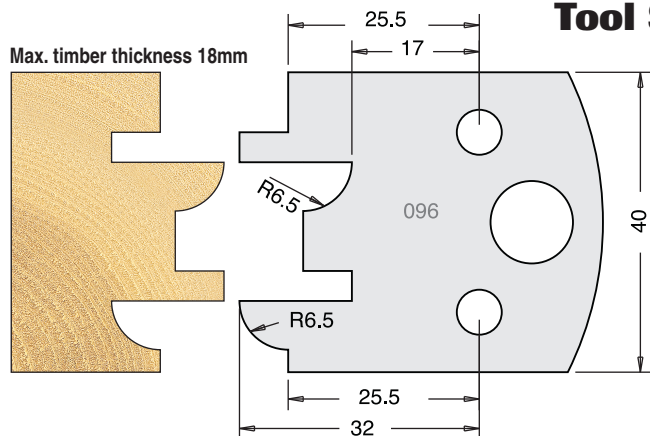
Knives	IT/33 095 40	£9.00
Limitors	IT/34 095 40	£8.50

All blades sold as a pair
All prices are exclusive of VAT

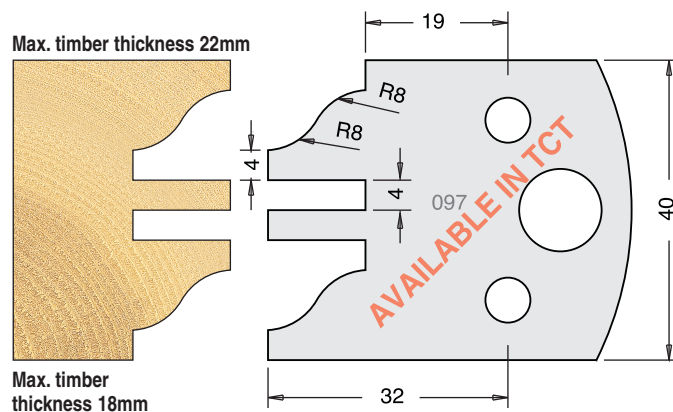
All drawings are actual size

Profile drawing shows back of knife

Tool Steel Multi Profile Cutters - 40x4mm

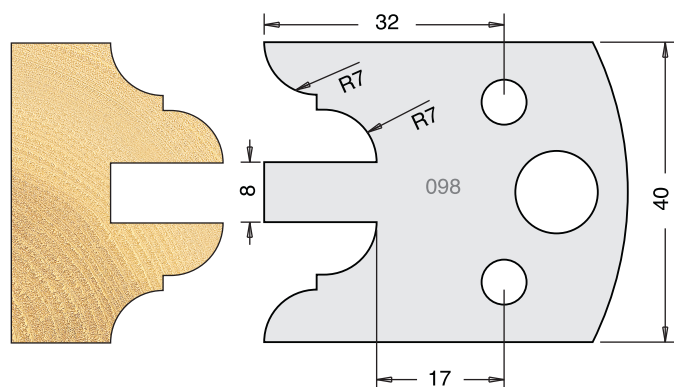


Knives	IT/33 096 40	£9.00
Limitors	IT/34 096 40	£8.50

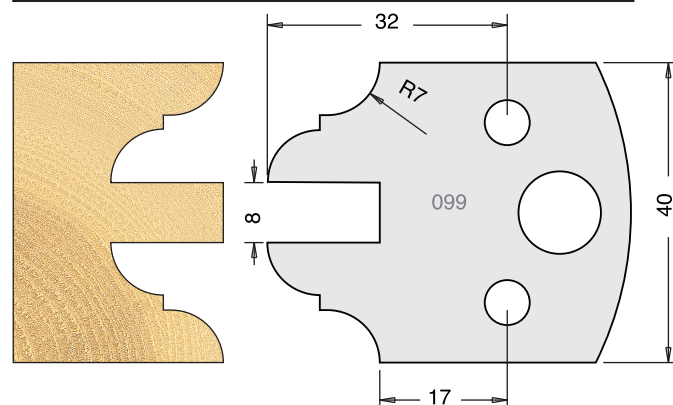


Max. timber thickness 18mm

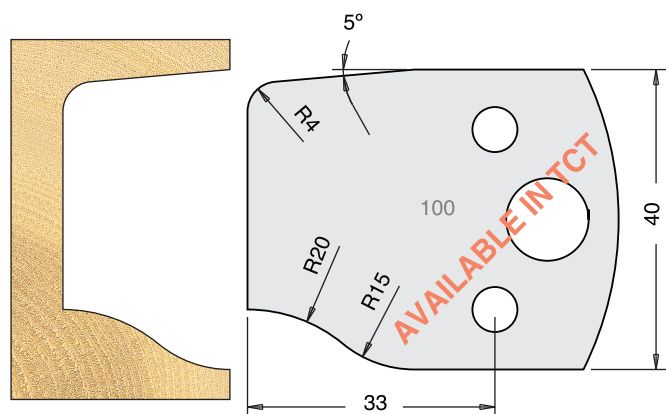
Knives	IT/33 097 40	£9.00	TCT	IT/33 097 42	£38.30
Limitors	IT/34 097 40	£8.50			



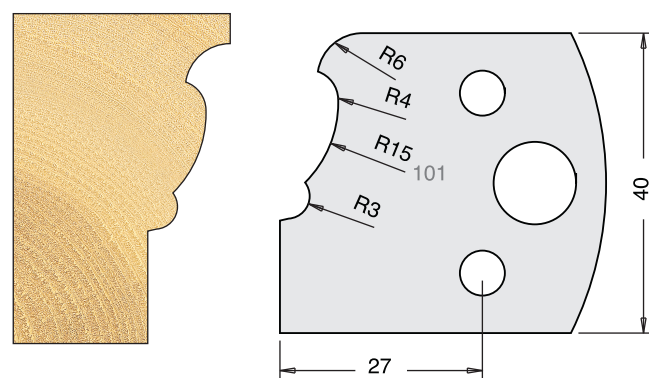
Knives	IT/33 098 40	£9.00
Limitors	IT/34 098 40	£8.50



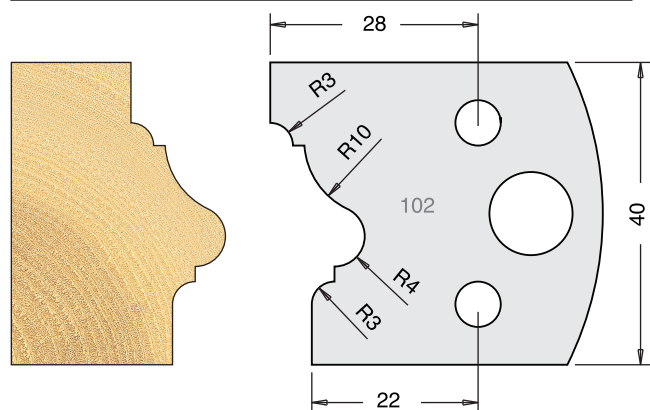
Knives	IT/33 099 40	£9.00
Limitors	IT/34 099 40	£8.50



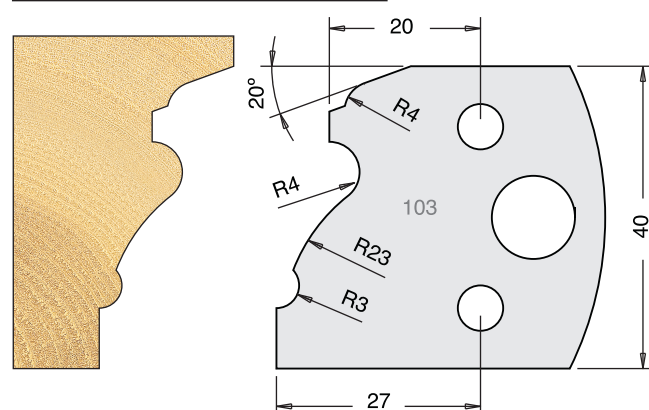
Knives	IT/33 100 40	£9.00	TCT	IT/33 100 42	£32.40
Limitors	IT/34 100 40	£8.50			



Knives	IT/33 101 40	£9.00
Limitors	IT/34 101 40	£8.50



Knives	IT/33 102 40	£9.00
Limitors	IT/34 102 40	£8.50

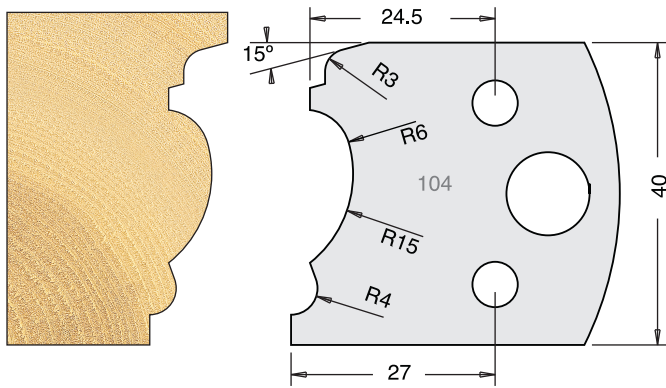


Knives	IT/33 103 40	£9.00
Limitors	IT/34 103 40	£8.50

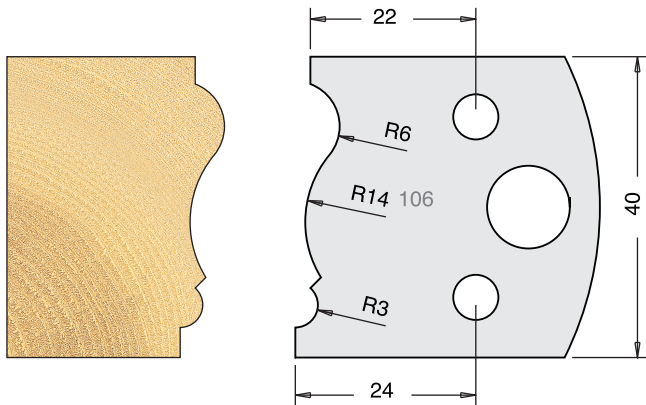
All blades sold as a pair
All prices are exclusive of VAT

All drawings are actual size
Profile drawing shows back of knife

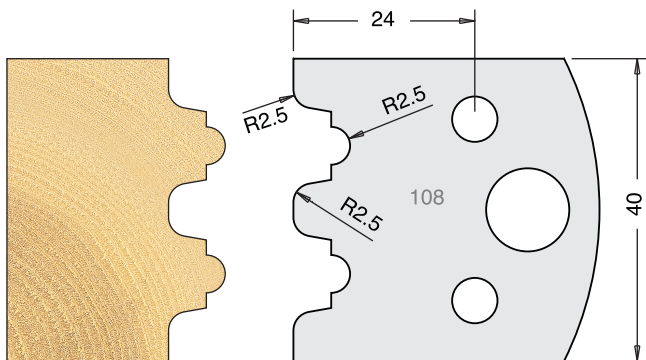
Tool Steel Multi Profile Cutters - 40x4mm



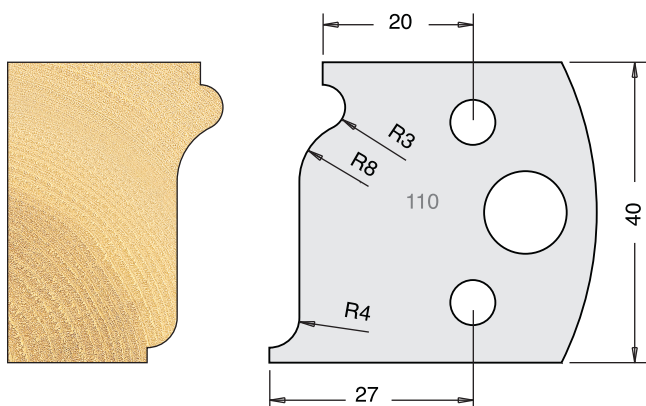
Knives	IT/33 104 40	£9.00
Limitors	IT/34 104 40	£8.50



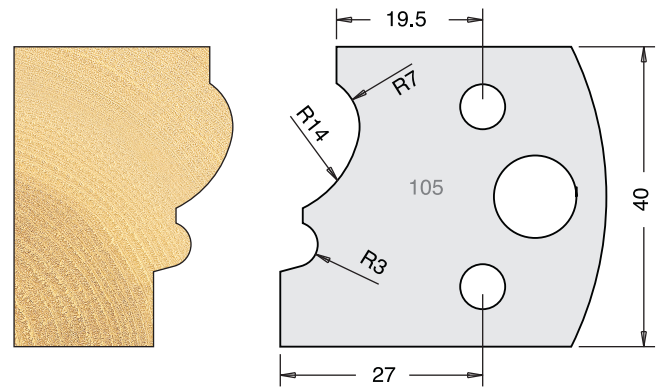
Knives	IT/33 106 40	£9.00
Limitors	IT/34 106 40	£8.50



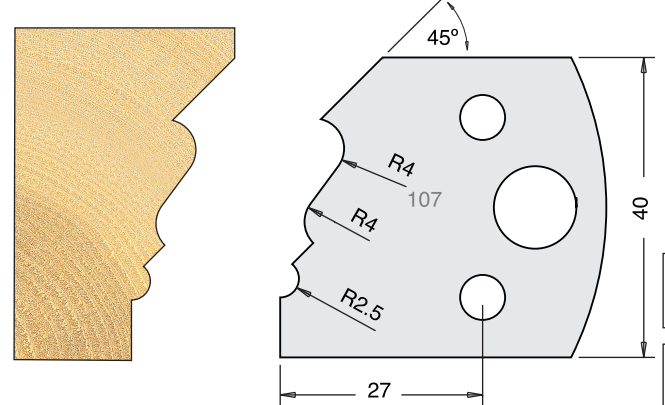
Knives	IT/33 108 40	£9.00
Limitors	IT/34 108 40	£8.50



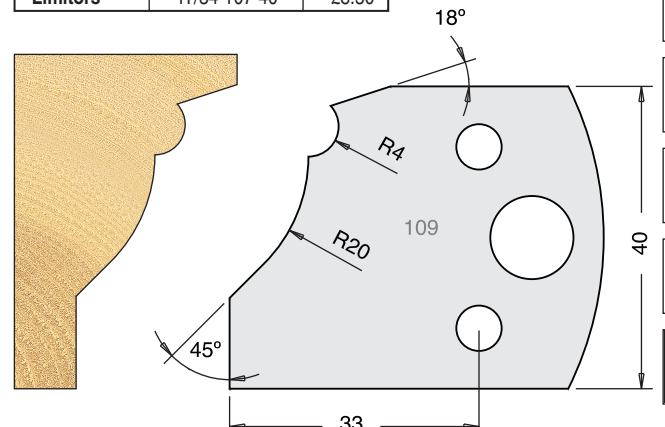
Knives	IT/33 110 40	£9.00
Limitors	IT/34 110 40	£8.50



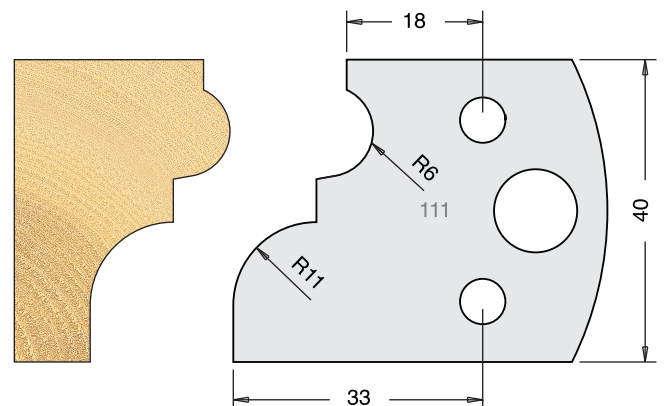
Knives	IT/33 105 40	£9.00
Limitors	IT/34 105 40	£8.50



Knives	IT/33 107 40	£9.00
Limitors	IT/34 107 40	£8.50

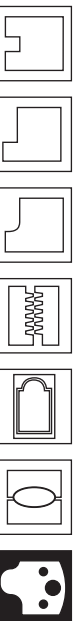


Knives	IT/33 109 40	£9.00
Limitors	IT/34 109 40	£8.50

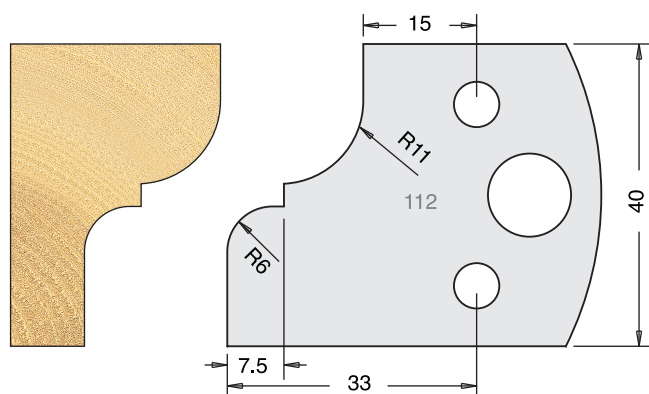


Knives	IT/33 111 40	£9.00
Limitors	IT/34 111 40	£8.50

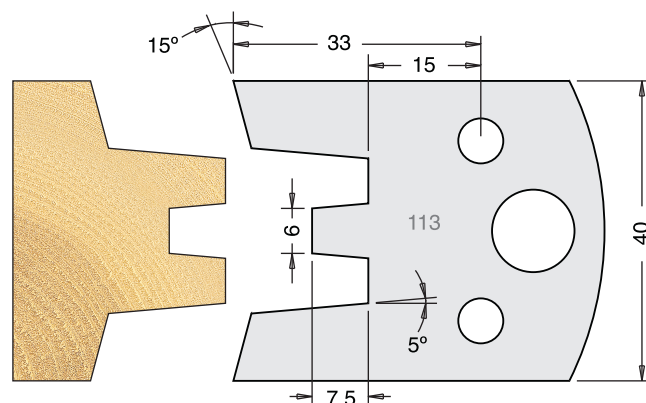
All blades sold as a pair
All prices are exclusive of VAT



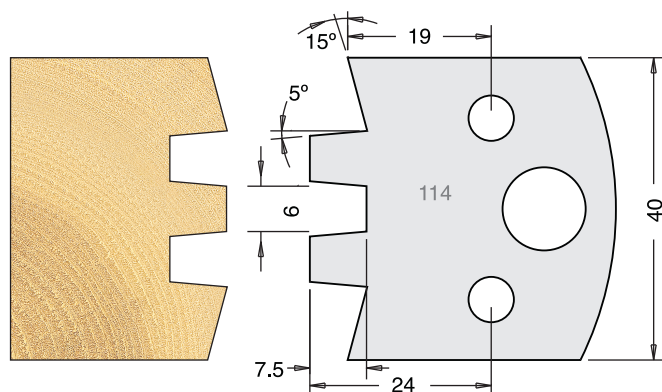
Tool Steel Multi Profile Cutters - 40x4mm



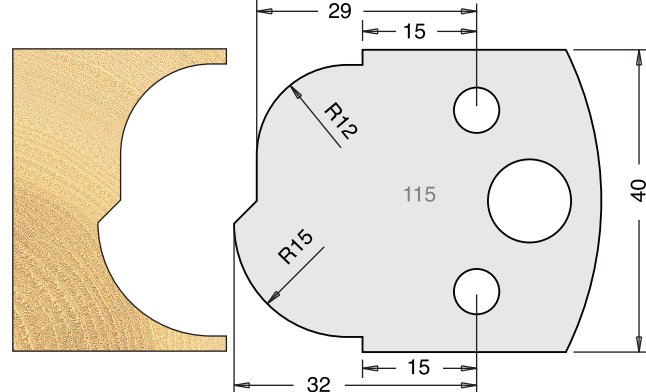
Knives	IT/33 112 40	£9.00
Limiters	IT/34 112 40	£8.50



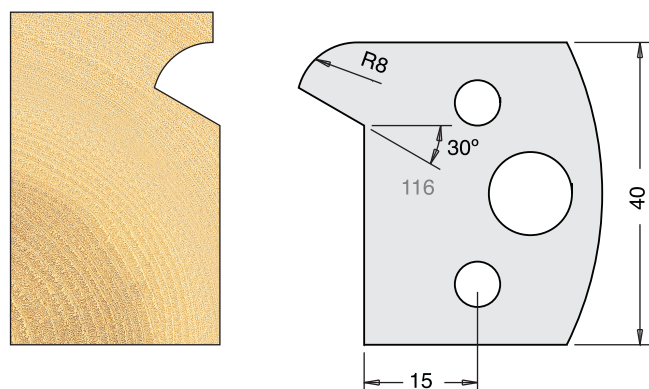
Knives	IT/33 113 40	£9.00
Limiters	IT/34 113 40	£8.50



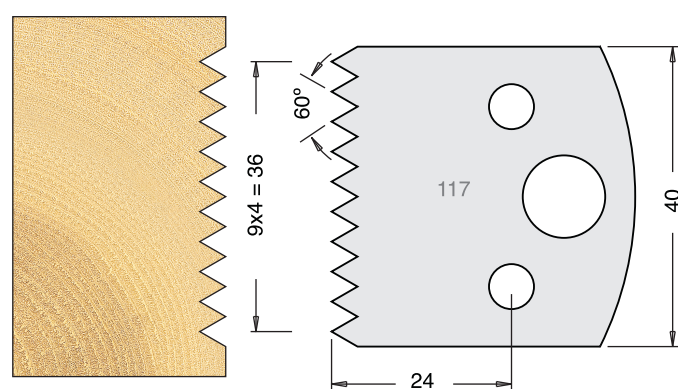
Knives	IT/33 114 40	£9.00
Limiters	IT/34 114 40	£8.50



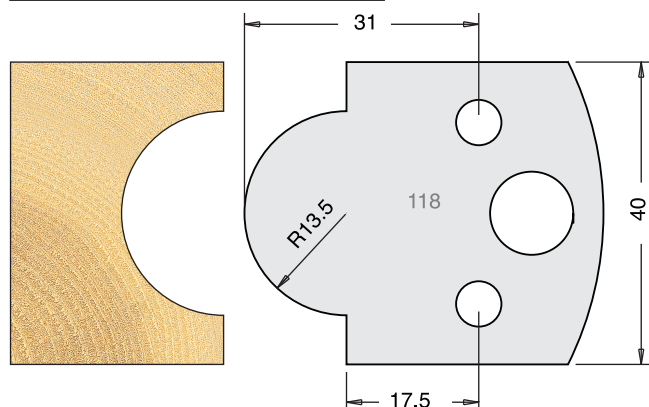
Knives	IT/33 115 40	£9.00
Limiters	IT/34 115 40	£8.50



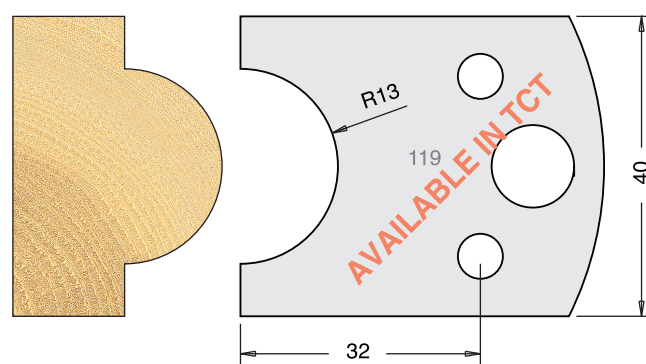
Knives	IT/33 116 40	£9.00
Limiters	IT/34 116 40	£8.50



Knives	IT/33 117 40	£9.00
Limiters	IT/34 117 40	£8.50



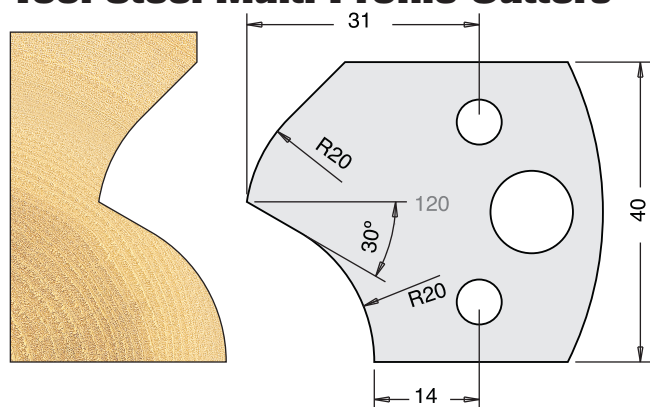
Knives	IT/33 118 40	£9.00
Limiters	IT/34 118 40	£8.50



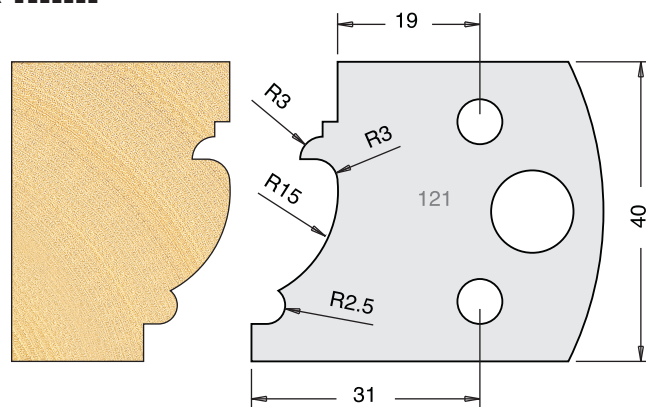
Knives	IT/33 119 40	£9.00	TCT	IT/33 119 42	£32.40
Limiters	IT/34 119 40	£8.50			

All drawings are actual size
Profile drawing shows back of knife

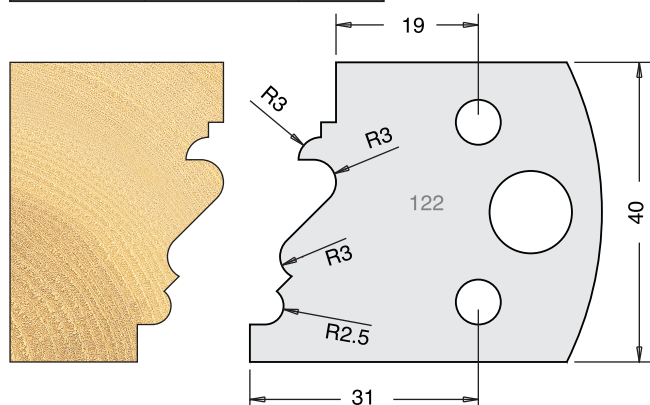
Tool Steel Multi Profile Cutters - 40x4mm



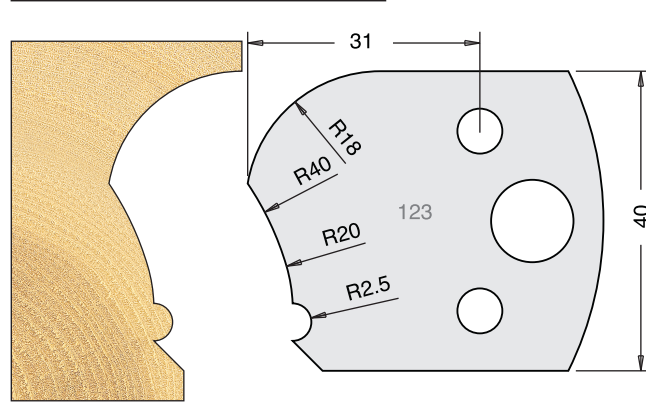
Knives	IT/33 120 40	£9.00
Limitors	IT/34 120 40	£8.50



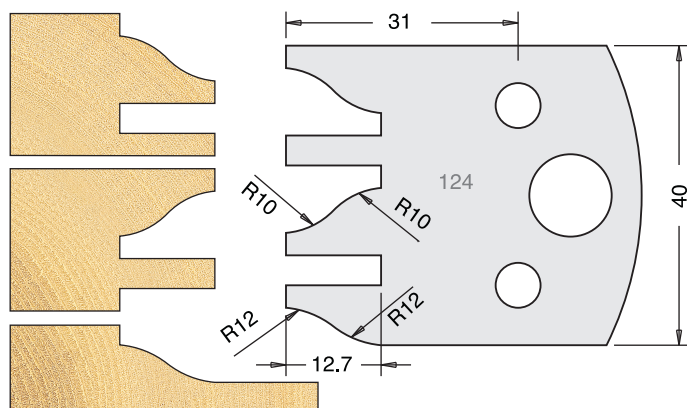
Knives	IT/33 121 40	£9.00
Limitors	IT/34 121 40	£8.50



Knives	IT/33 122 40	£9.00
Limitors	IT/34 122 40	£8.50

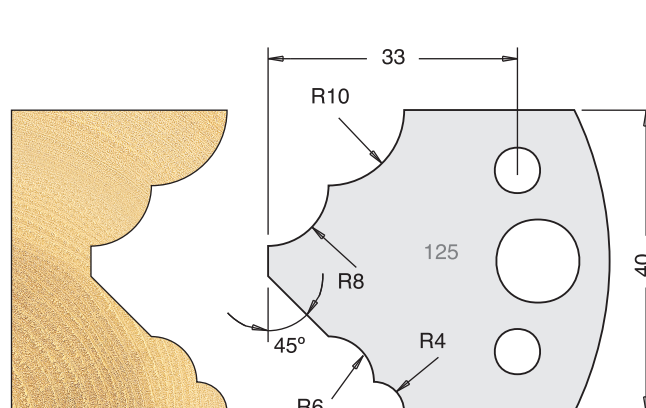


Knives	IT/33 123 40	£9.00
Limitors	IT/34 123 40	£8.50

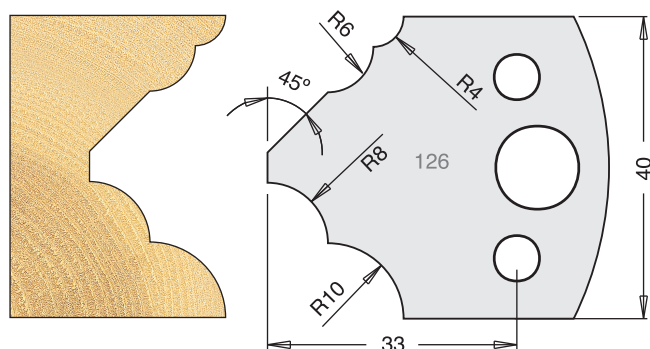


Knives	IT/33 124 40	£9.00
Limitors	IT/34 124 40	£8.50

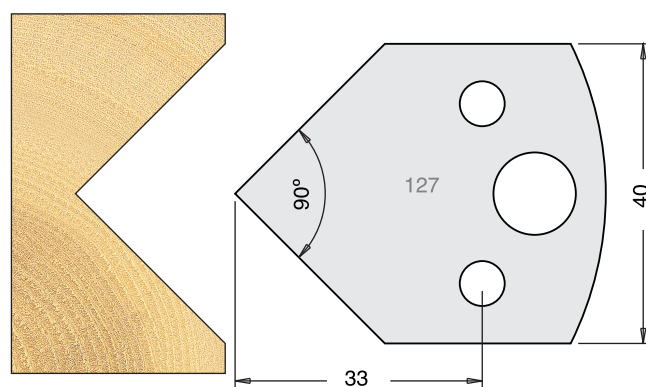
For moulding on one side only
Max. timber thickness 18mm



Knives	IT/33 125 40	£9.00
Limitors	IT/34 125 40	£8.50

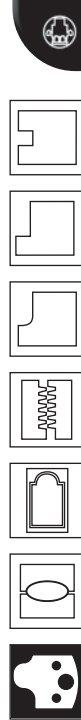


Knives	IT/33 126 40	£9.00
Limitors	IT/34 126 40	£8.50

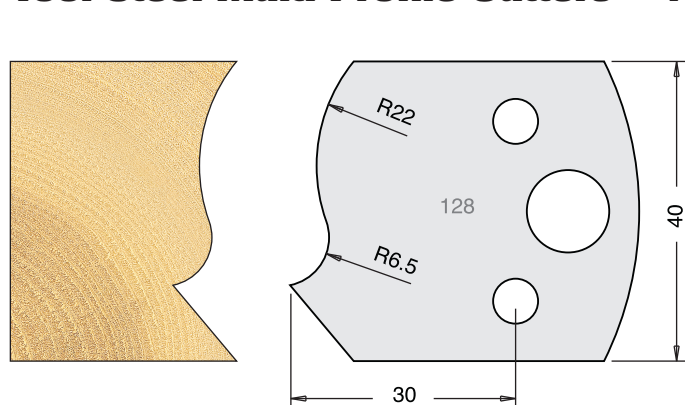


Knives	IT/33 127 40	£9.00
Limitors	IT/34 127 40	£8.50

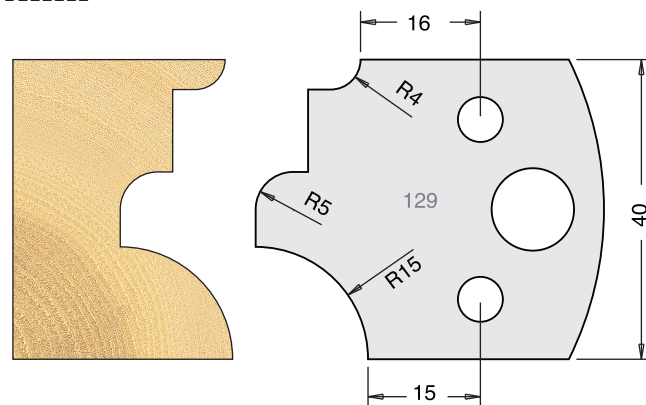
All blades sold as a pair
All prices are exclusive of VAT



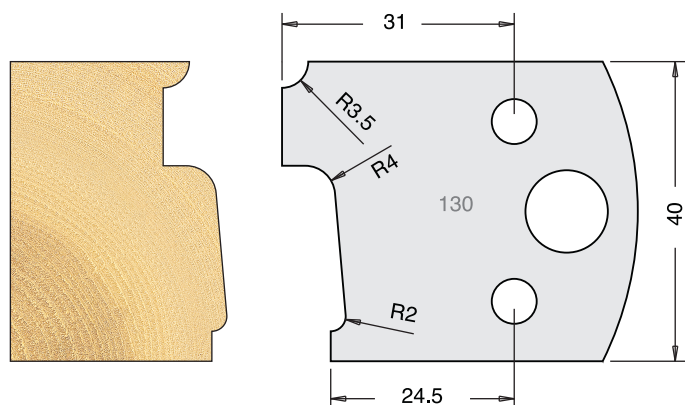
Tool Steel Multi Profile Cutters - 40x4mm



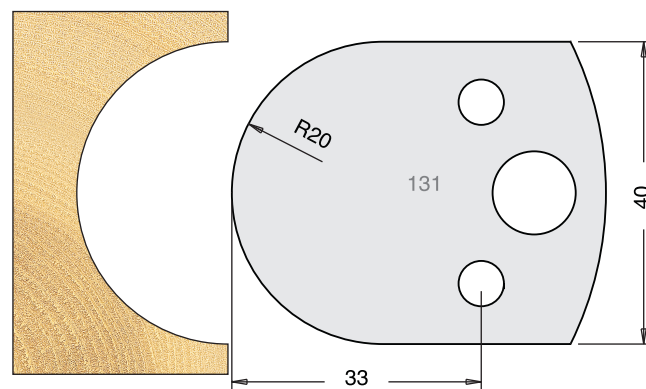
Knives	IT/33 128 40	£9.00
Limiters	IT/34 128 40	£8.50



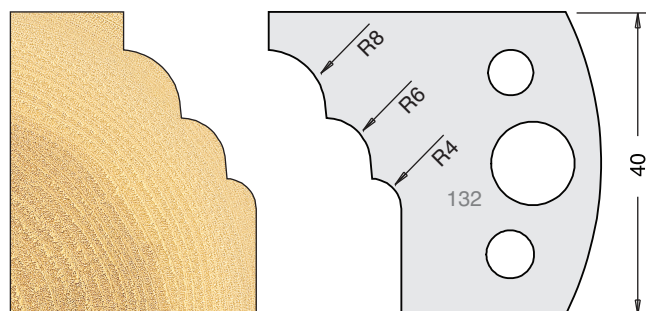
Knives	IT/33 129 40	£9.00
Limiters	IT/34 129 40	£8.50



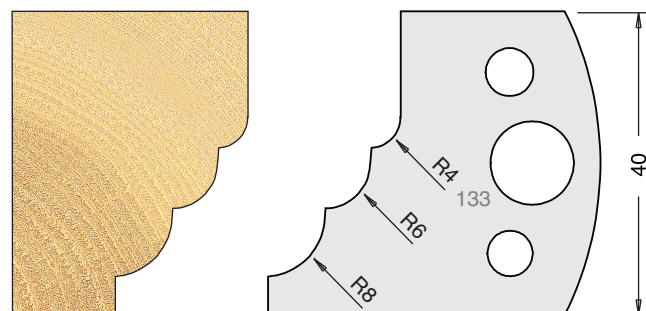
Knives	IT/33 130 40	£9.00
Limiters	IT/34 130 40	£8.50



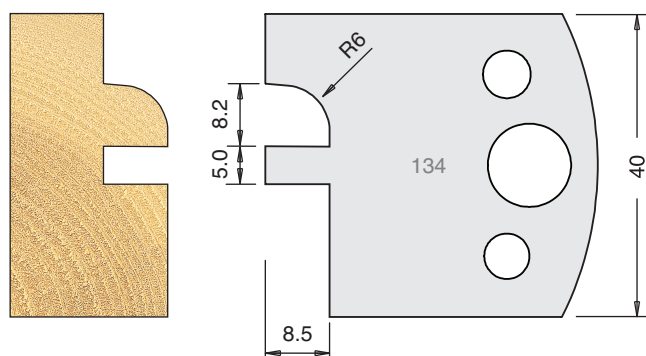
Knives	IT/33 131 40	£9.00
Limiters	IT/34 131 40	£8.50



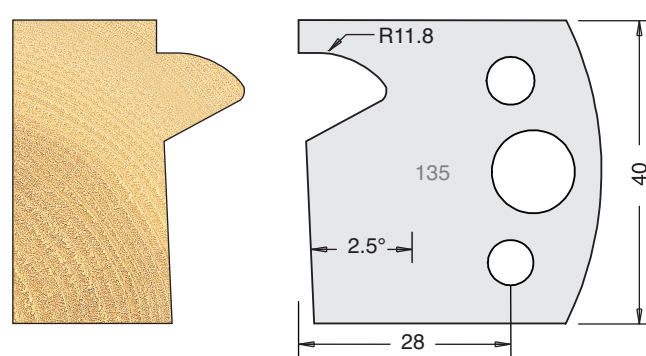
Knives	IT/33 132 40	£9.00
Limiters	IT/34 132 40	£8.50

NEW

Knives	IT/33 133 40	£9.00
Limiters	IT/34 133 40	£8.50

NEW

Knives	IT/33 134 40	£9.00
Limiters	IT/34 134 40	£8.50

NEW

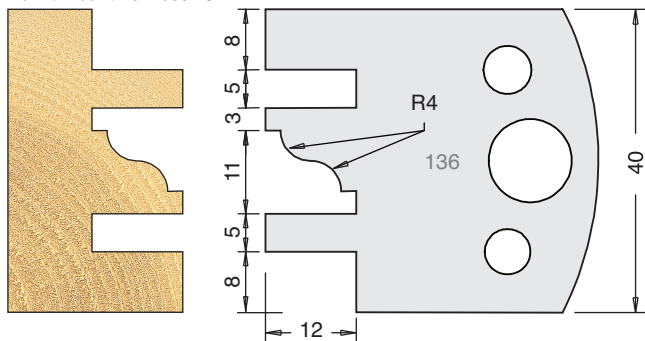
Knives	IT/33 135 40	£9.00
Limiters	IT/34 135 40	£8.50

NEW

All blades sold as a pair
All prices are exclusive of VAT

Tool Steel Multi Profile Cutters - 40x4mm

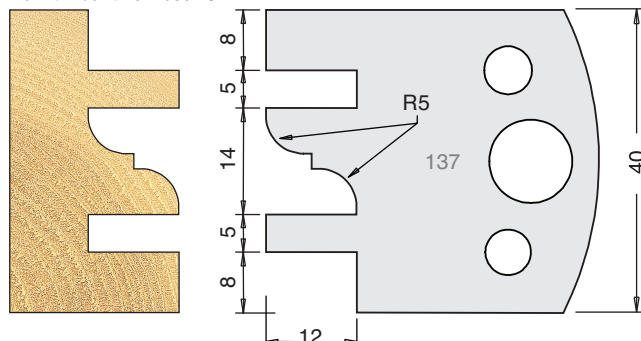
Max. timber thickness 25mm



Knives	IT/33 136 40	£14.00
Limitors	IT/34 136 40	£11.00

NEW

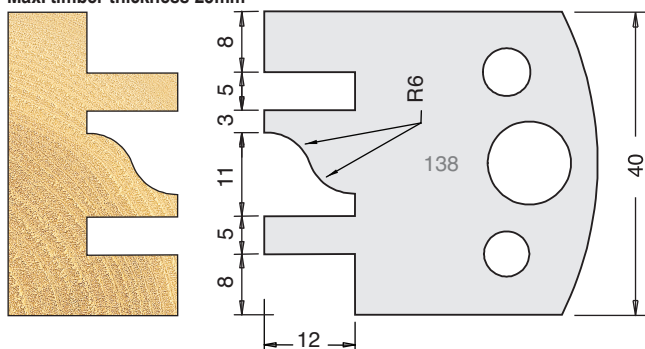
Max. timber thickness 25mm



Knives	IT/33 137 40	£14.00
Limitors	IT/34 137 40	£11.00

NEW

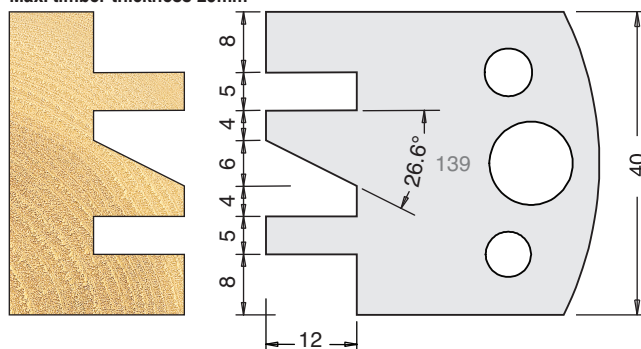
Max. timber thickness 25mm



Knives	IT/33 138 40	£14.00
Limitors	IT/34 138 40	£11.00

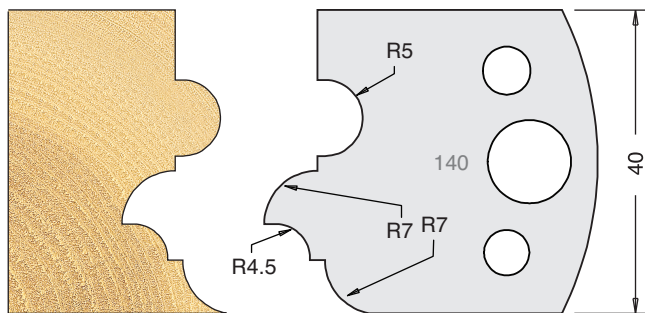
NEW

Max. timber thickness 25mm



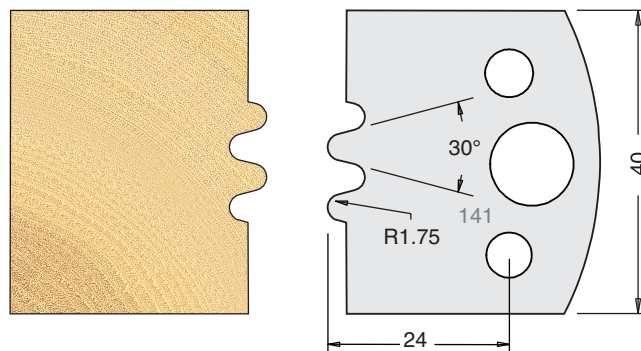
Knives	IT/33 139 40	£14.00
Limitors	IT/34 139 40	£11.00

NEW



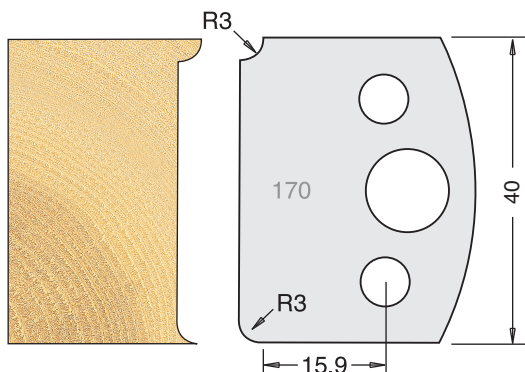
Knives	IT/33 140 40	£14.00
Limitors	IT/34 140 40	£11.00

NEW

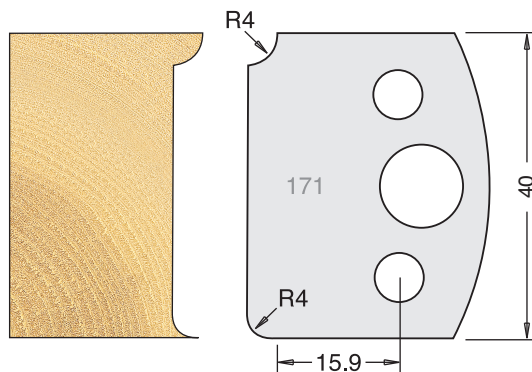


Knives	IT/33 141 40	£14.00
Limitors	IT/34 141 40	£11.00

NEW



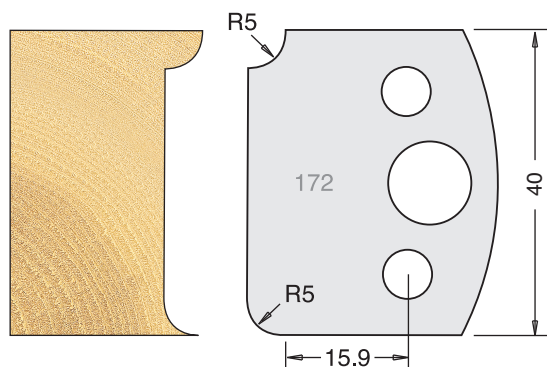
Knives	IT/33 170 40	£9.00
Limitors	IT/34 170 40	£8.50



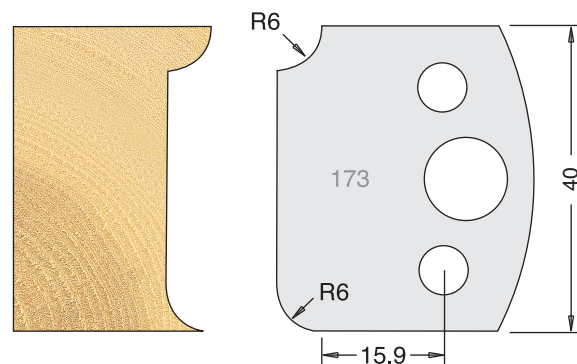
Knives	IT/33 171 40	£9.00
Limitors	IT/34 171 40	£8.50

All blades sold as a pair
All prices are exclusive of VAT

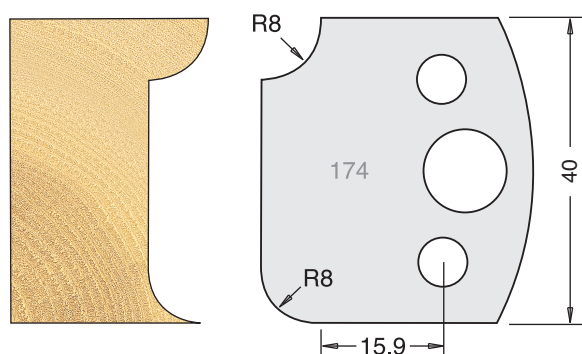
Tool Steel Multi Profile Cutters - 40x4mm



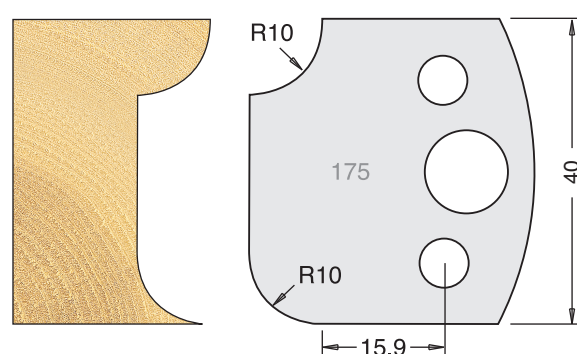
Knives	IT/33 172 40	£9.00
Limitors	IT/34 172 40	£8.50



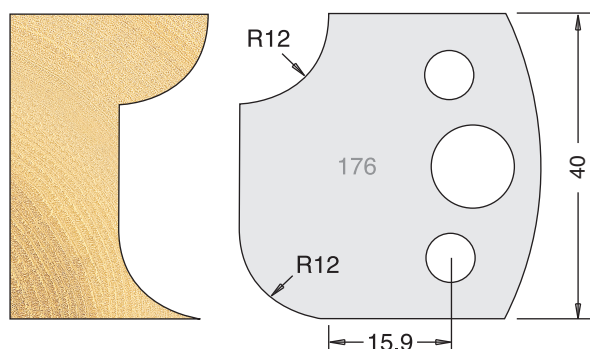
Knives	IT/33 173 40	£9.00
Limitors	IT/34 173 40	£8.50



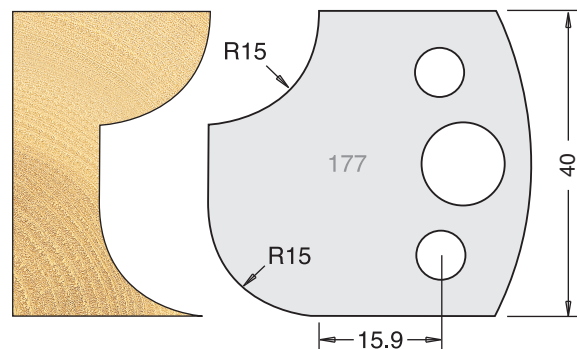
Knives	IT/33 174 40	£9.00
Limitors	IT/34 174 40	£8.50



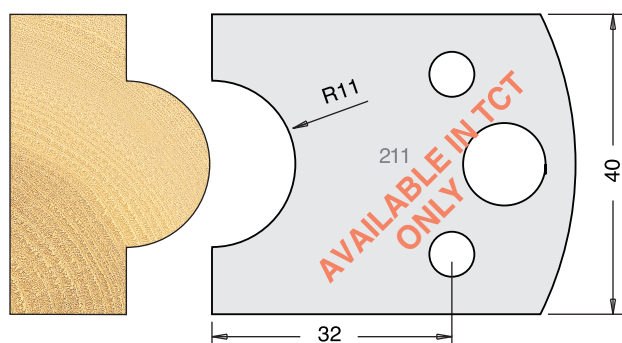
Knives	IT/33 175 40	£9.00
Limitors	IT/34 175 40	£8.50



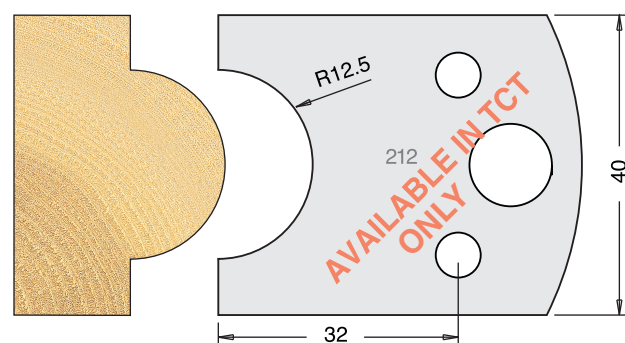
Knives	IT/33 176 40	£9.00
Limitors	IT/34 176 40	£8.50



Knives	IT/33 177 40	£9.00
Limitors	IT/34 177 40	£8.50



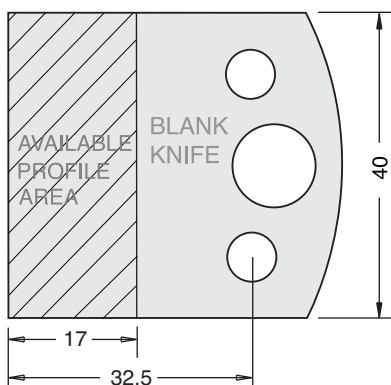
Knives TCT	IT/33 211 42	£32.40
Limitors	IT/34 211 40	£20.79



Knives TCT	IT/33 212 42	£32.40
Limitors	IT/34 212 40	£20.79

All blades sold as a pair
All prices are exclusive of VAT

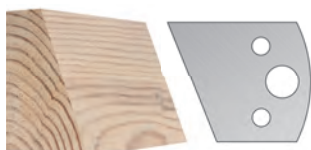
Blank Knife



Tool Steel	IT/33 000 46	£5.40
High Speed Steel	IT/ST/HSSB01	£21.20
Limitors	IT/34 000 46	£4.00

Multi Profile Six Piece Cutter Block Set

- Multi Profile Cutter Block Set complete in a wooden storage box.
- Set comes complete with profile knives and limitor plates 001 to 006 and hard wearing alloy cutter block IT/776 020 1 (30mm bore) or IT/776 010 7 (1 1/4" bore).
- Suitable for jointing, rebating and profiling in un-bonded softwood and hardwood.
- Suitable for Hand Feeding (MAN).



IT/33 001 40 Knives
IT/34 001 40 Limitors



IT/33 002 40 Knives
IT/34 002 40 Limitors



IT/33 003 40 Knives
IT/34 003 40 Limitors



IT/33 004 40 Knives
IT/34 004 40 Limitors



IT/33 005 40 Knives
IT/34 005 40 Limitors



IT/33 006 40 Knives
IT/34 006 40 Limitors

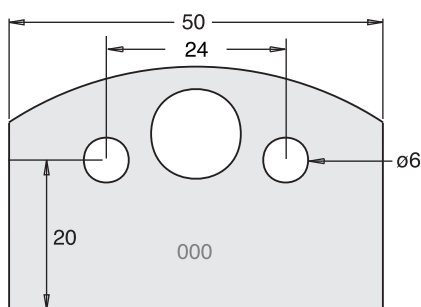
D	B	z	Profiles	30mm Bore	1 1/4" Bore	Stock	Price
100	40	2	001 - 006	IT/ST/SET001	IT/ST/SET007	Y	£167.79

Key

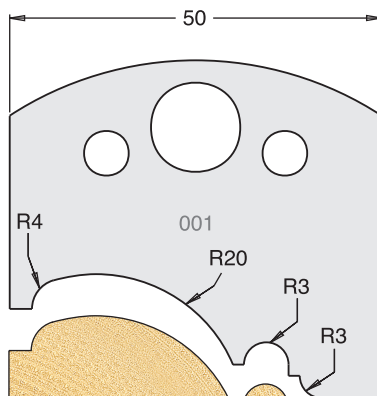
Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

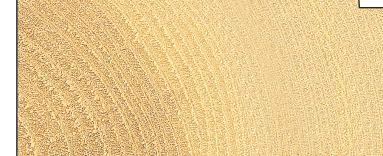
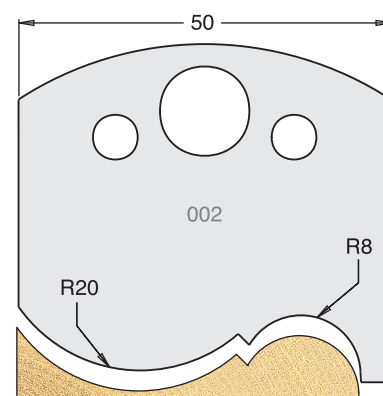
Tool Steel Multi Profile Cutters - 50x4mm



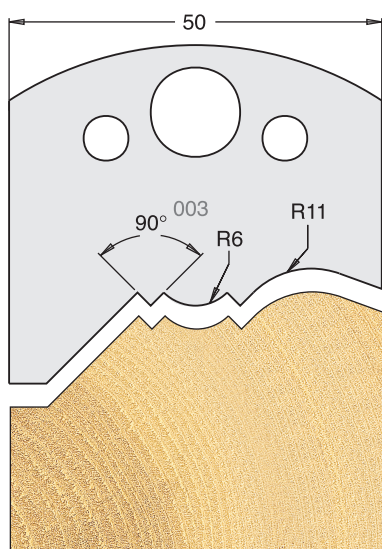
Knives	IT/33 000 50	£13.23
Limitors	IT/34 000 50	£11.34



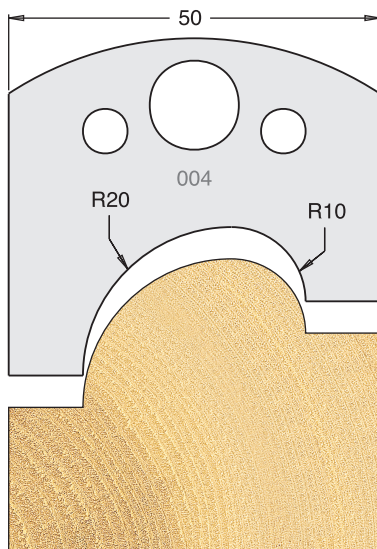
Knives	IT/33 001 50	£20.48
Limitors	IT/34 001 50	£17.12



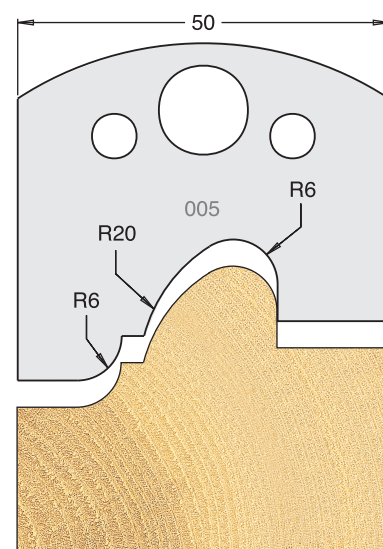
Knives	IT/33 002 50	£20.48
Limitors	IT/34 002 50	£17.12



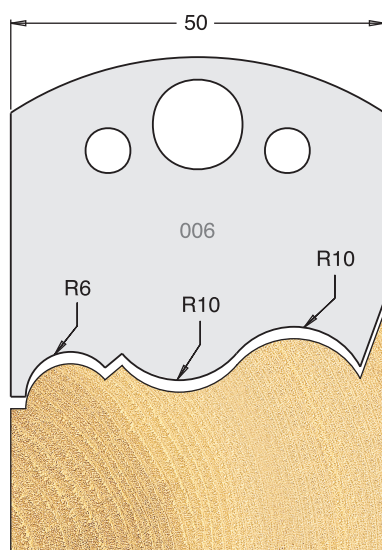
Knives	IT/33 003 50	£20.48
Limitors	IT/34 003 50	£17.12



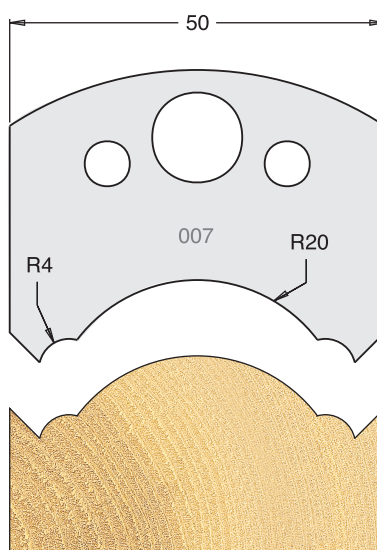
Knives	IT/33 004 50	£20.48
Limitors	IT/34 004 50	£17.12



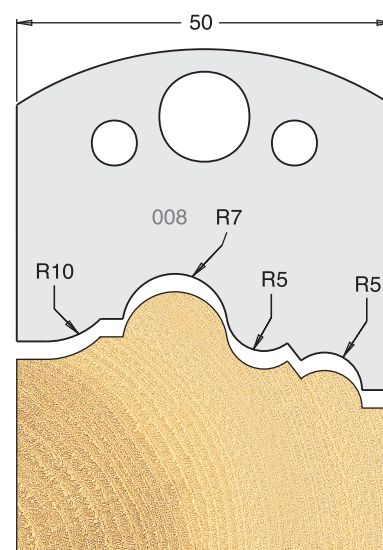
Knives	IT/33 005 50	£20.48
Limitors	IT/34 005 50	£17.12



Knives	IT/33 006 50	£20.48
Limitors	IT/34 006 50	£17.12



Knives	IT/33 007 50	£20.48
Limitors	IT/34 007 50	£17.12

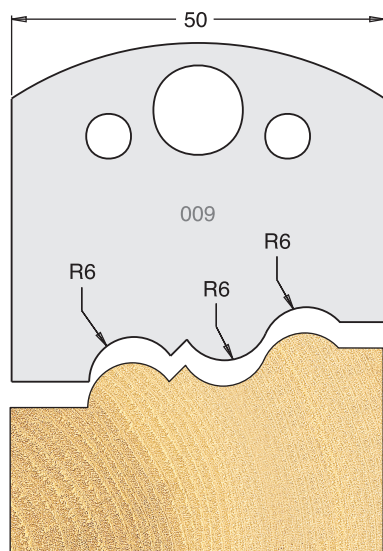


Knives	IT/33 008 50	£20.48
Limitors	IT/34 008 50	£17.12

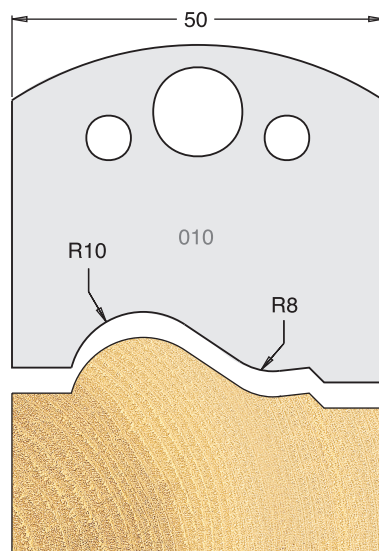
All blades sold as a pair
All prices are exclusive of VAT

All drawings are actual size
Profile drawing shows back of knife

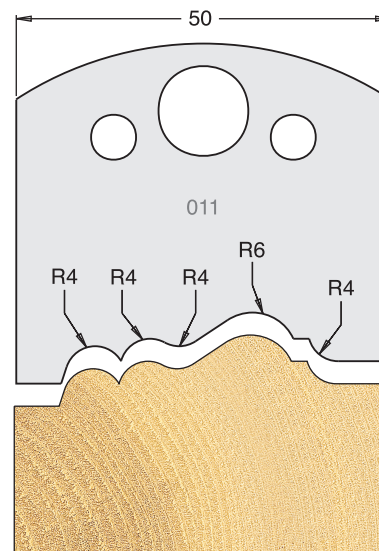
Tool Steel Multi Profile Cutters - 50x4mm



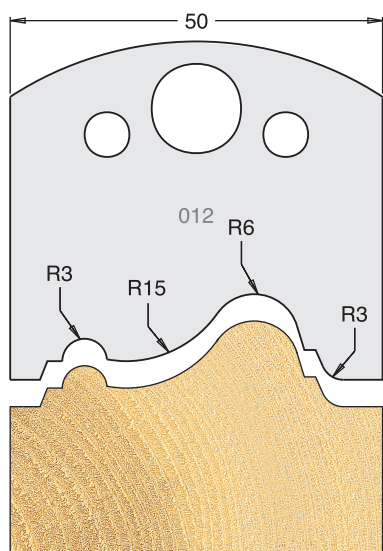
Knives	IT/33 009 50	£20.48
Limitors	IT/34 009 50	£17.12



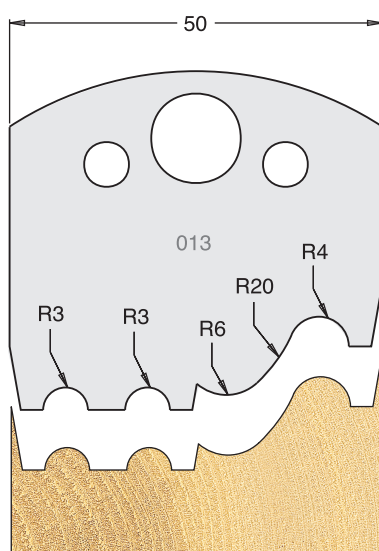
Knives	IT/33 010 50	£20.48
Limitors	IT/34 010 50	£17.12



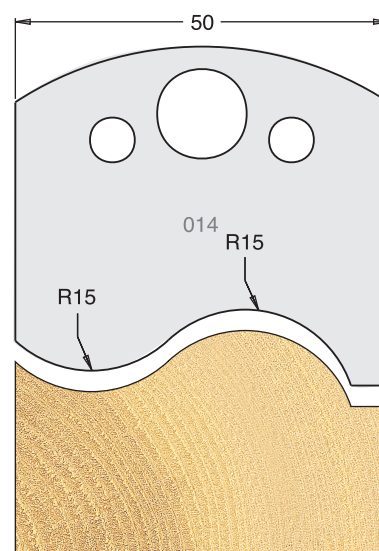
Knives	IT/33 011 50	£20.48
Limitors	IT/34 011 50	£17.12



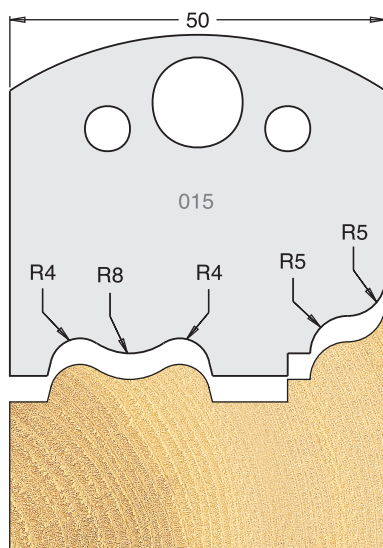
Knives	IT/33 012 50	£20.48
Limitors	IT/34 012 50	£17.12



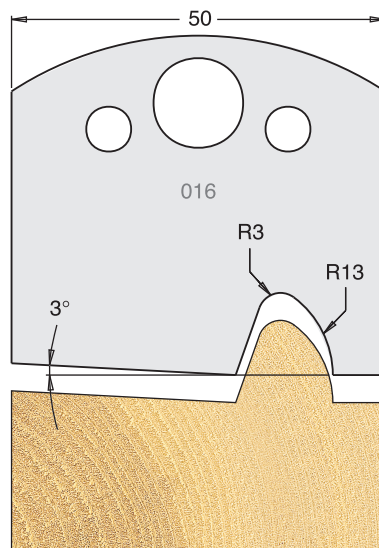
Knives	IT/33 013 50	£20.48
Limitors	IT/34 013 50	£17.12



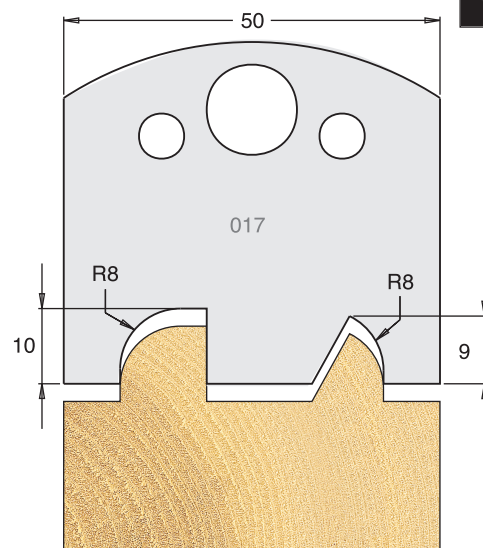
Knives	IT/33 014 50	£20.48
Limitors	IT/34 014 50	£17.12



Knives	IT/33 015 50	£20.48
Limitors	IT/34 015 50	£17.12

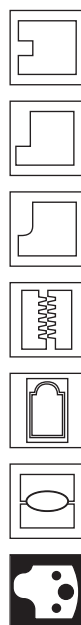


Knives	IT/33 016 50	£20.48
Limitors	IT/34 016 50	£17.12

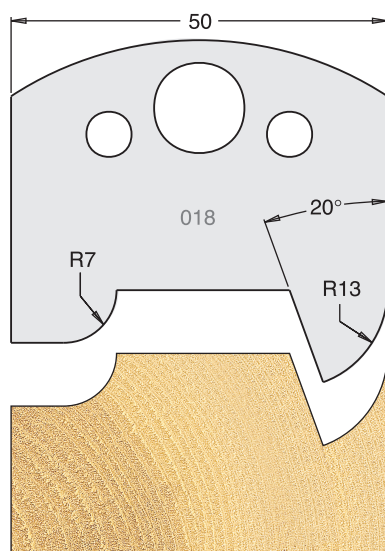


Knives	IT/33 017 50	£20.48
Limitors	IT/34 017 50	£17.12

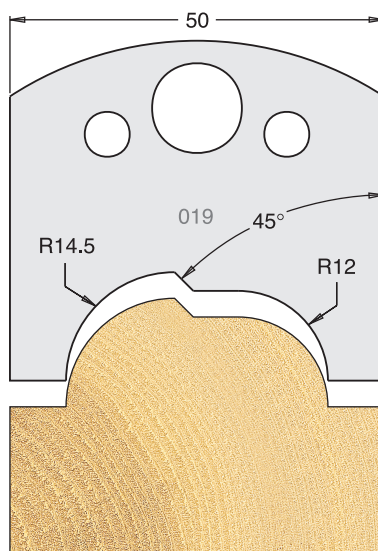
All blades sold as a pair
All prices are exclusive of VAT



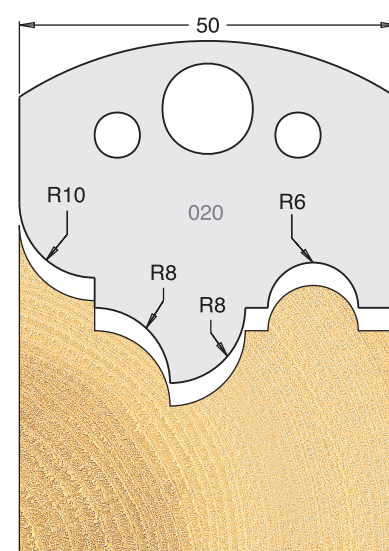
Tool Steel Multi Profile Cutters - 50x4mm



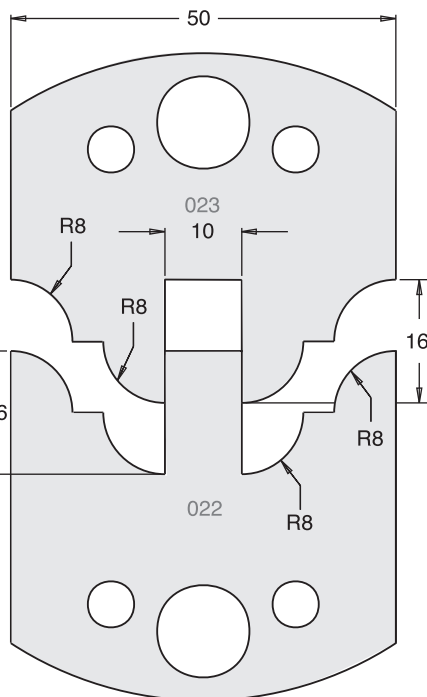
Knives	IT/33 018 50	£20.48
Limitors	IT/34 018 50	£17.12



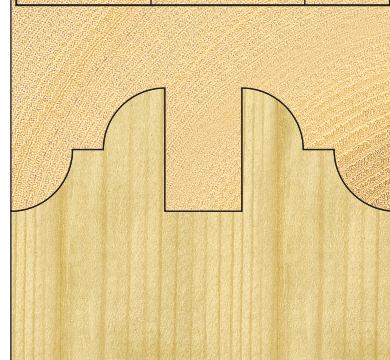
Knives	IT/33 019 50	£20.48
Limitors	IT/34 019 50	£17.12



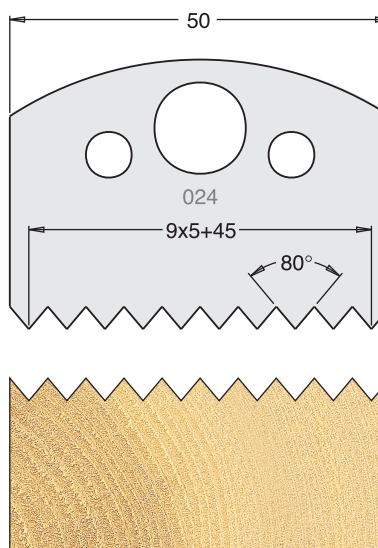
Knives	IT/33 020 50	£20.48
Limitors	IT/34 020 50	£17.12



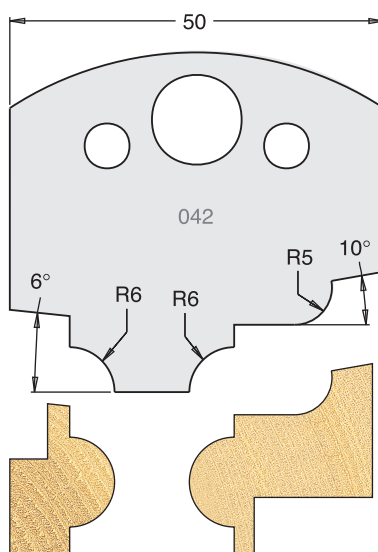
Knives	IT/33 023 50	£20.48
Limitors	IT/34 023 50	£17.12



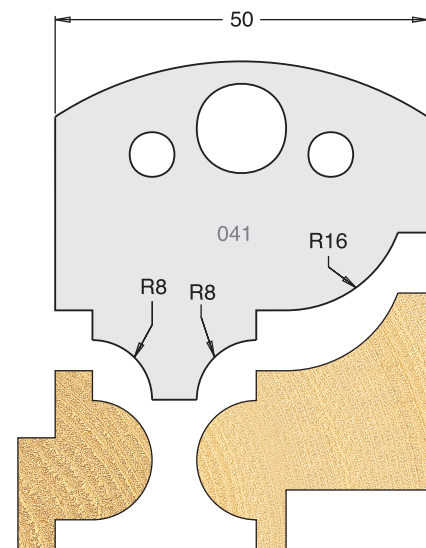
Knives	IT/33 022 50	£20.48
Limitors	IT/34 022 50	£17.12



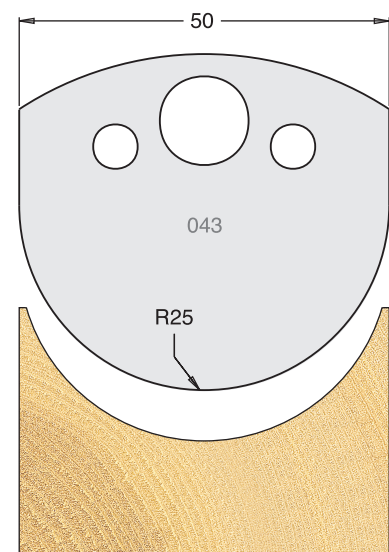
Knives	IT/33 024 50	£20.48
Limitors	IT/34 024 50	£17.12



Knives	IT/33 042 50	£20.48
Limitors	IT/34 042 50	£17.12



Knives	IT/33 041 50	£20.48
Limitors	IT/34 041 50	£17.12

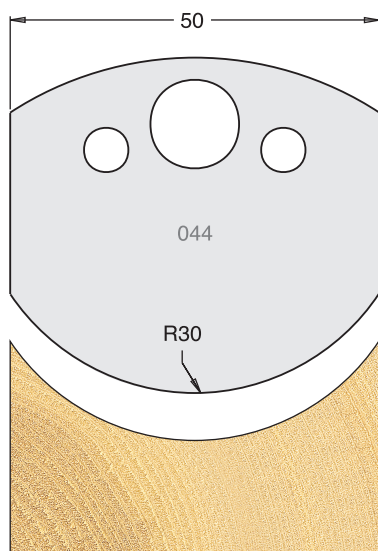


Knives	IT/33 043 50	£20.48
Limitors	IT/34 043 50	£17.12

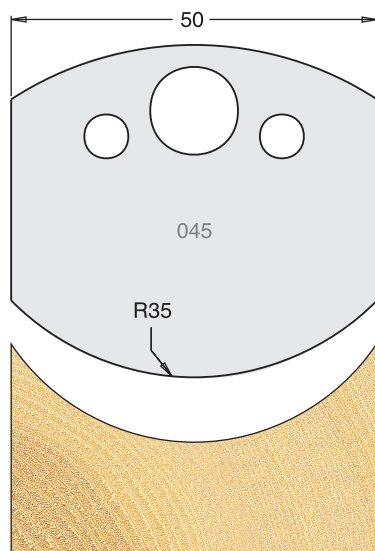
All blades sold as a pair
All prices are exclusive of VAT

All drawings are actual size
Profile drawing shows back of knife

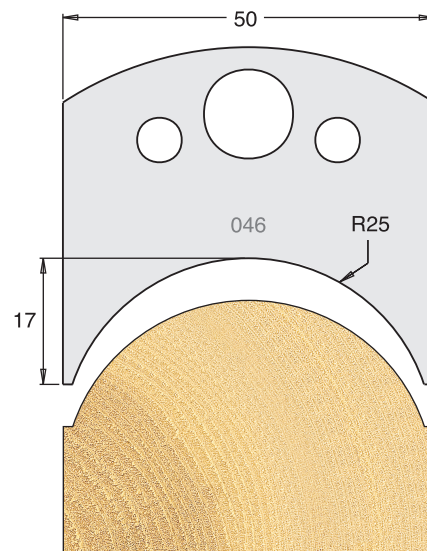
Tool Steel Multi Profile Cutters - 50x4mm



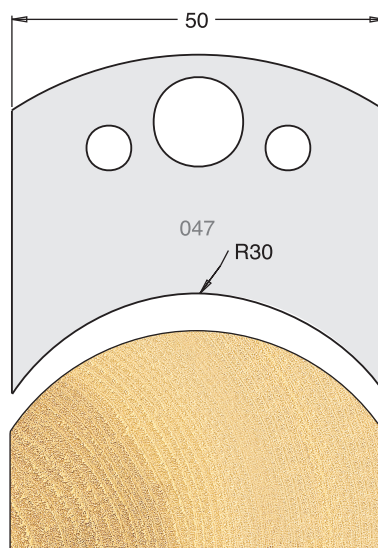
Knives	IT/33 044 50	£20.48
Limitors	IT/34 044 50	£17.12



Knives	IT/33 045 50	£20.48
Limitors	IT/34 045 50	£17.12



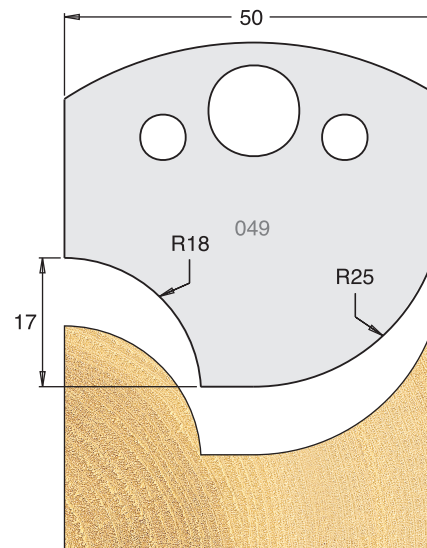
Knives	IT/33 046 50	£20.48
Limitors	IT/34 046 50	£17.12



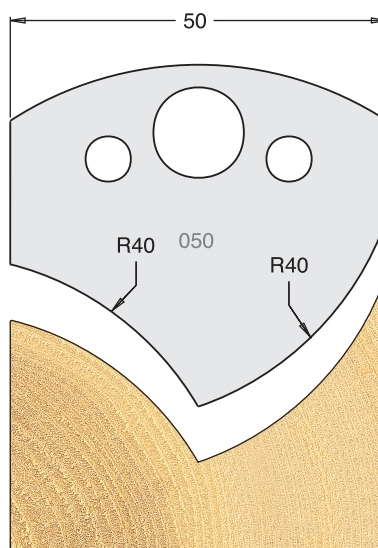
Knives	IT/33 047 50	£20.48
Limitors	IT/34 047 50	£17.12



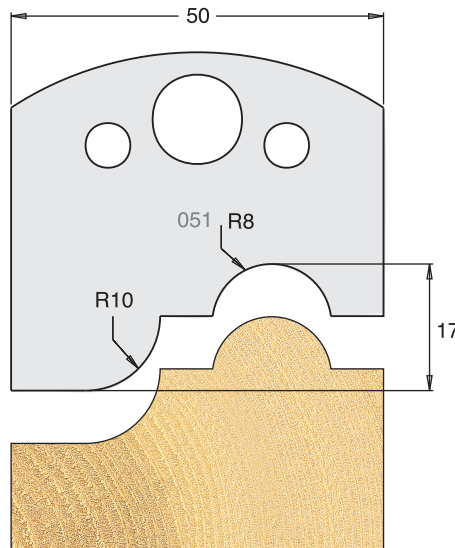
Knives	IT/33 048 50	£20.48
Limitors	IT/34 048 50	£17.12



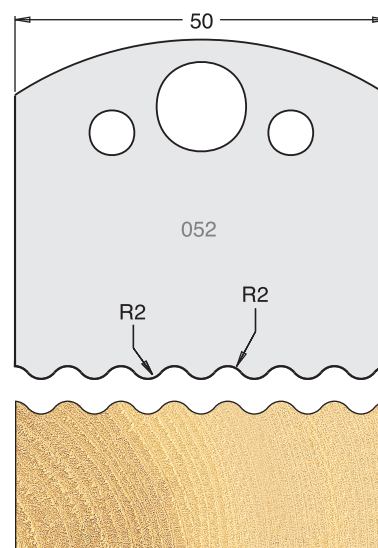
Knives	IT/33 049 50	£20.48
Limitors	IT/34 049 50	£17.12



Knives	IT/33 050 50	£20.48
Limitors	IT/34 050 50	£17.12

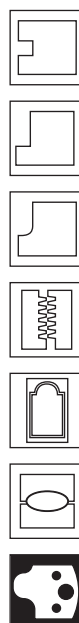


Knives	IT/33 051 50	£20.48
Limitors	IT/34 051 50	£17.12

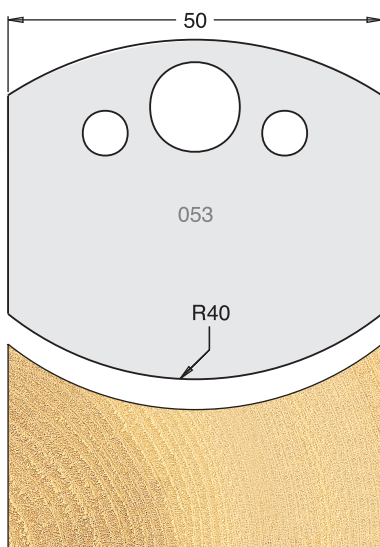


Knives	IT/33 052 50	£20.48
Limitors	IT/34 052 50	£17.12

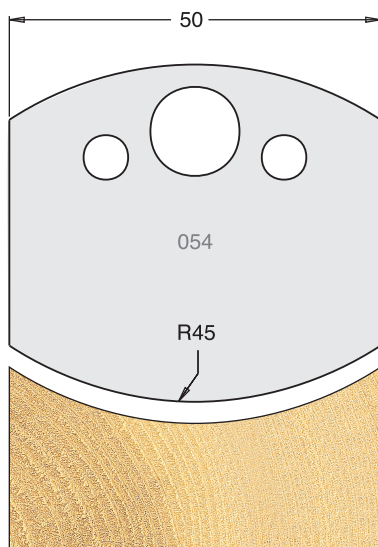
All blades sold as a pair
All prices are exclusive of VAT



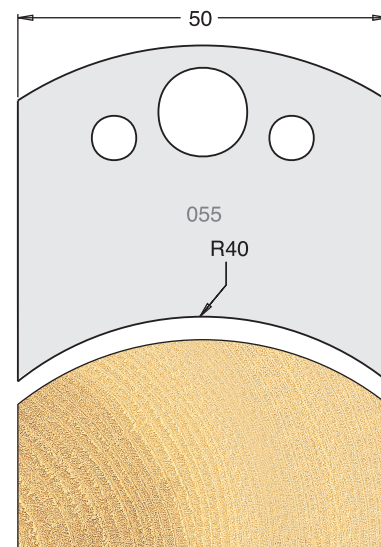
Tool Steel Multi Profile Cutters - 50x4mm



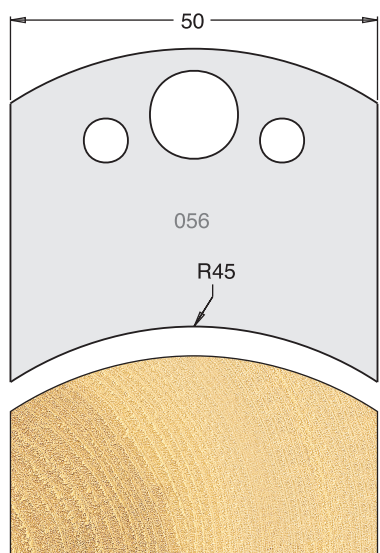
Knives	IT/33 053 50	£20.48
Limitors	IT/34 053 50	£17.12



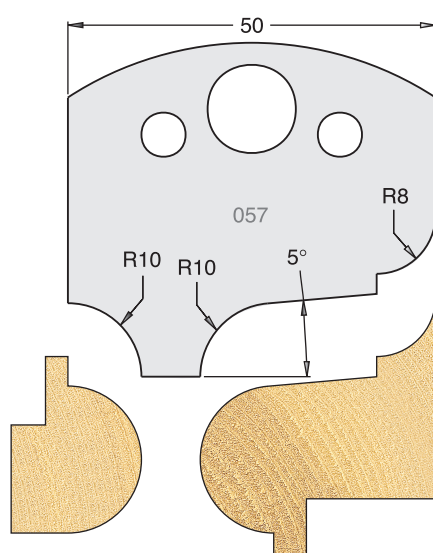
Knives	IT/33 054 50	£20.48
Limitors	IT/34 054 50	£17.12



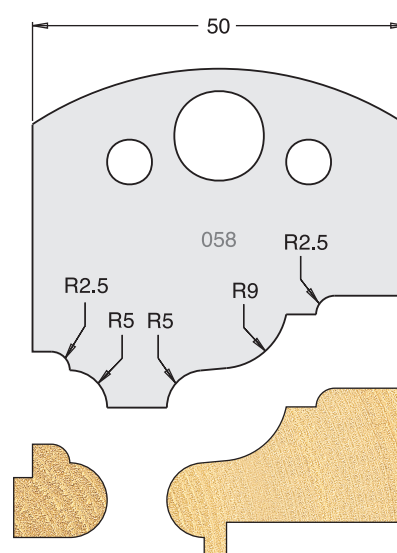
Knives	IT/33 055 50	£20.48
Limitors	IT/34 055 50	£17.12



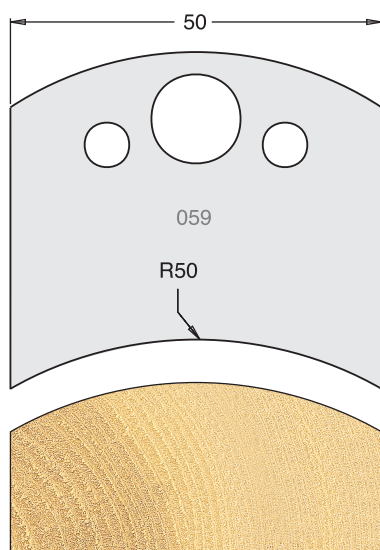
Knives	IT/33 056 50	£20.48
Limitors	IT/34 056 50	£17.12



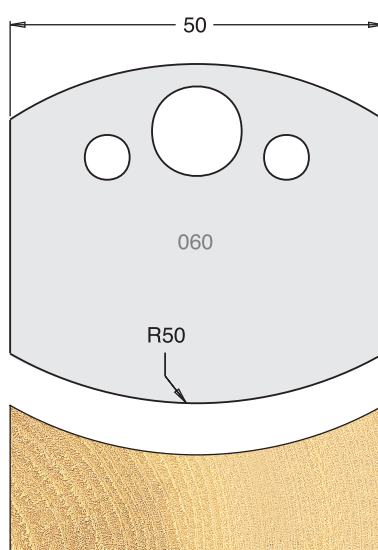
Knives	IT/33 057 50	£20.48
Limitors	IT/34 057 50	£17.12



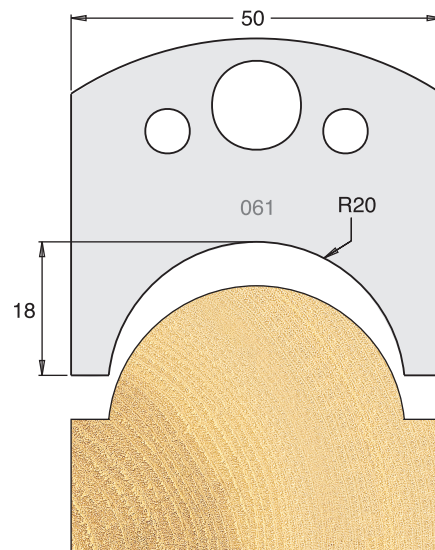
Knives	IT/33 058 50	£20.48
Limitors	IT/34 058 50	£17.12



Knives	IT/33 059 50	£20.48
Limitors	IT/34 059 50	£17.12



Knives	IT/33 060 50	£20.48
Limitors	IT/34 060 50	£17.12

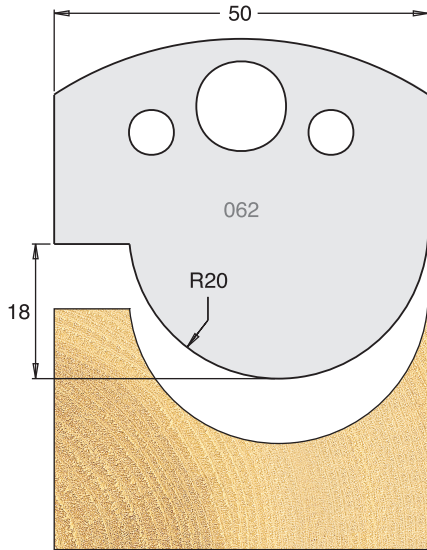


Knives	IT/33 061 50	£20.48
Limitors	IT/34 061 50	£17.12

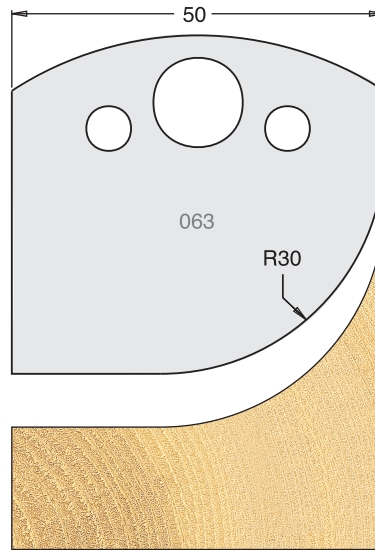
All blades sold as a pair
All prices are exclusive of VAT

All drawings are actual size
Profile drawing shows back of knife

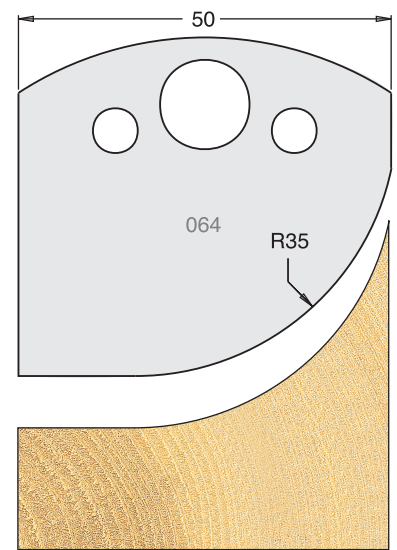
Tool Steel Multi Profile Cutters - 50x4mm



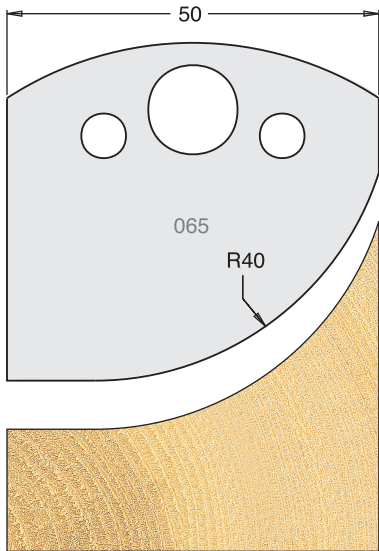
Knives	IT/33 062 50	£20.48
Limitors	IT/34 062 50	£17.12



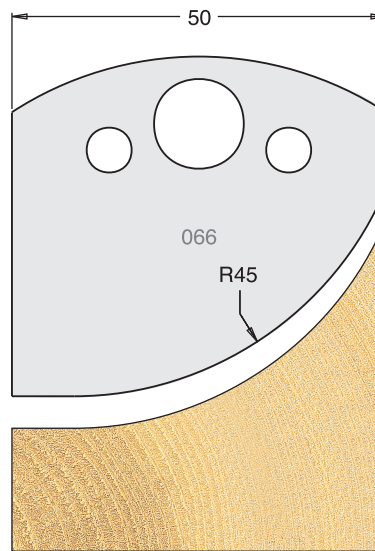
Knives	IT/33 063 50	£20.48
Limitors	IT/34 063 50	£17.12



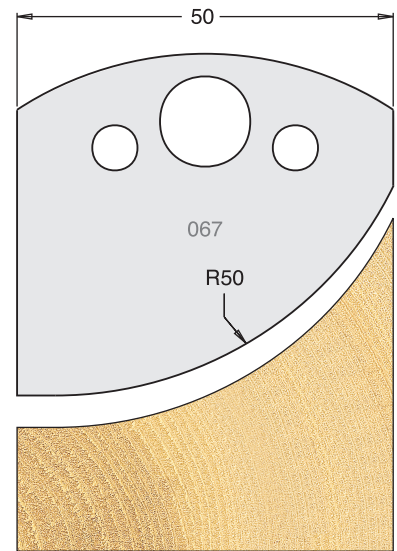
Knives	IT/33 064 50	£20.48
Limitors	IT/34 064 50	£17.12



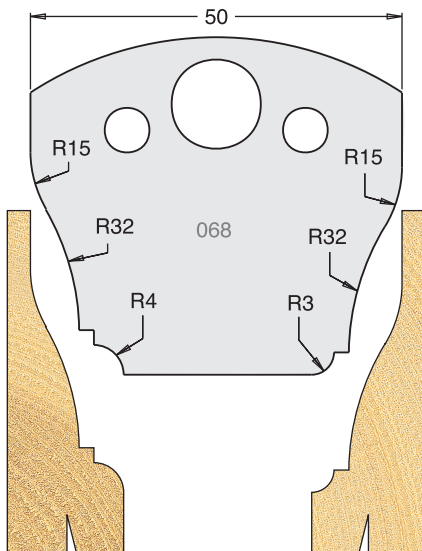
Knives	IT/33 065 50	£20.48
Limitors	IT/34 065 50	£17.12



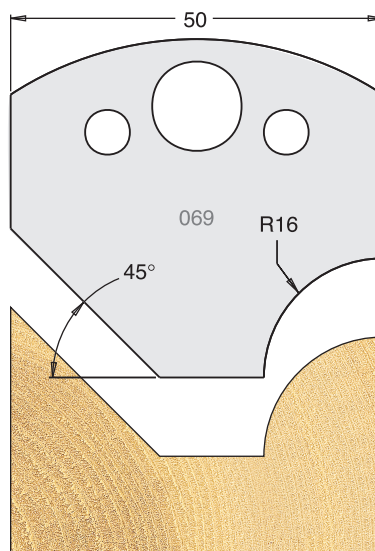
Knives	IT/33 066 50	£20.48
Limitors	IT/34 066 50	£17.12



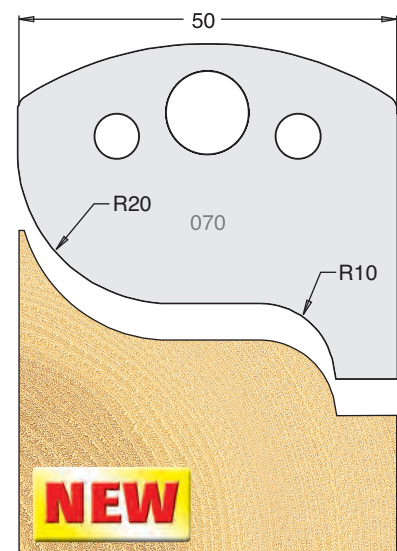
Knives	IT/33 067 50	£20.48
Limitors	IT/34 067 50	£17.12



Knives	IT/33 068 50	£20.48
Limitors	IT/34 068 50	£17.12

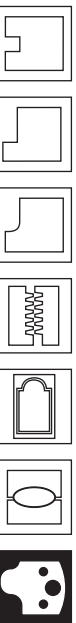


Knives	IT/33 069 50	£20.48
Limitors	IT/34 069 50	£17.12



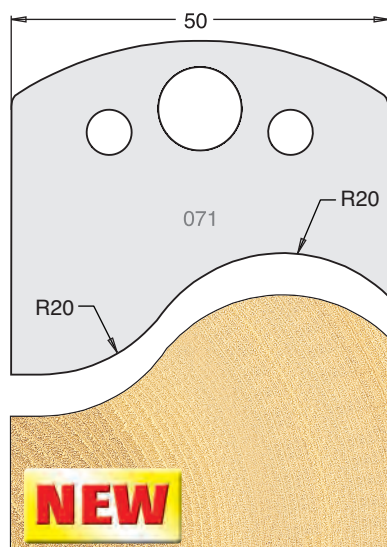
Knives	IT/33 070 50	£20.48
Limitors	IT/34 070 50	£17.12

All blades sold as a pair
All prices are exclusive of VAT

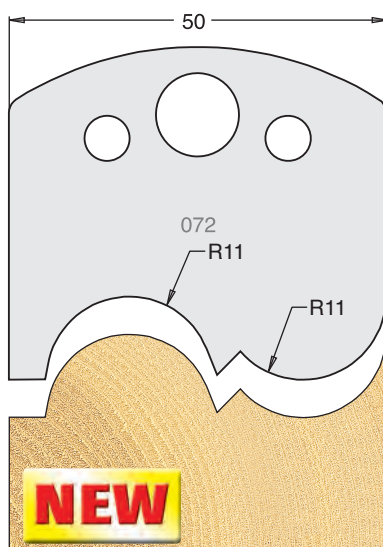


All drawings are actual size
Profile drawing shows back of knife

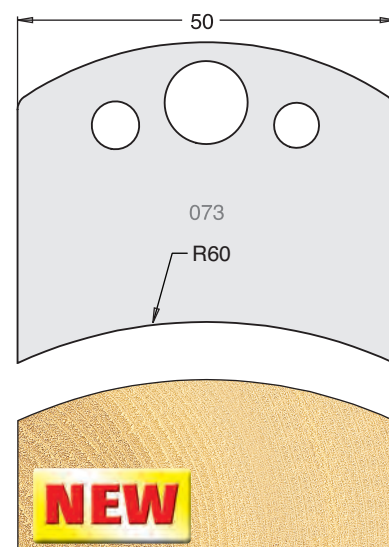
Tool Steel Multi Profile Cutters - 50x4mm



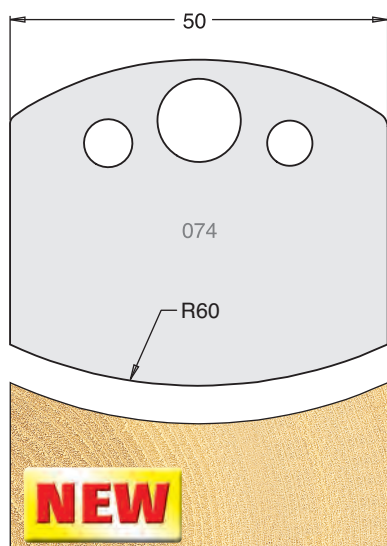
Knives	IT/33 071 50	£20.48
Limitors	IT/34 071 50	£17.12



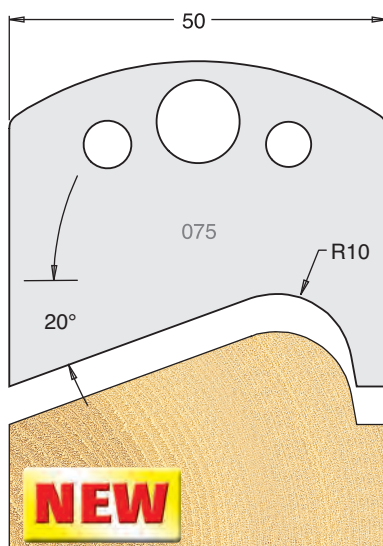
Knives	IT/33 072 50	£20.48
Limitors	IT/34 072 50	£17.12



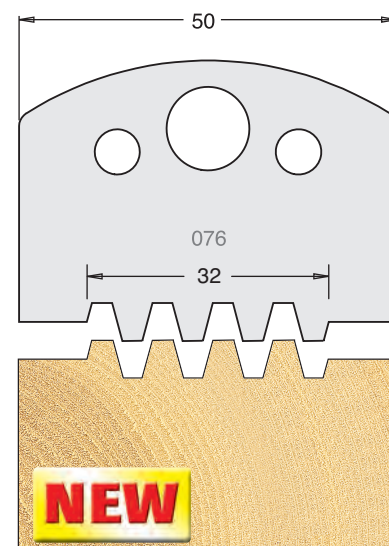
Knives	IT/33 073 50	£20.48
Limitors	IT/34 073 50	£17.12



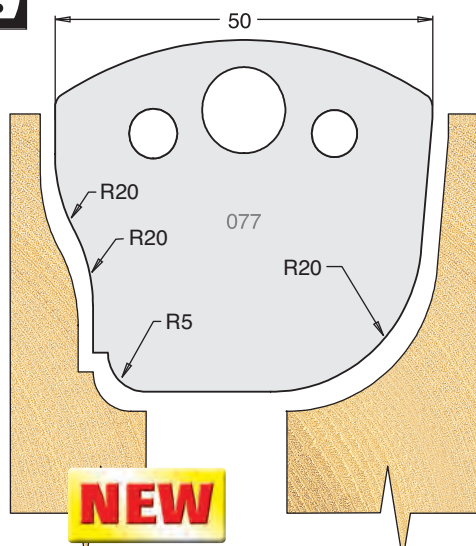
Knives	IT/33 074 50	£20.48
Limitors	IT/34 074 50	£17.12



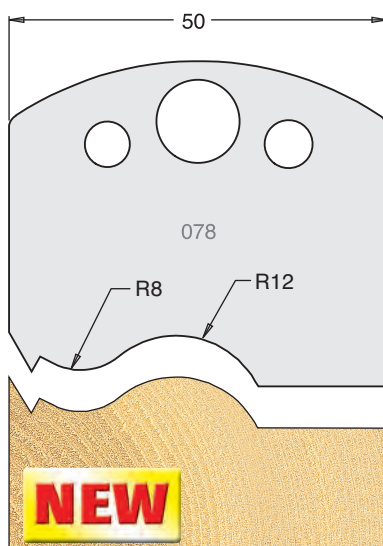
Knives	IT/33 075 50	£20.48
Limitors	IT/34 075 50	£17.12



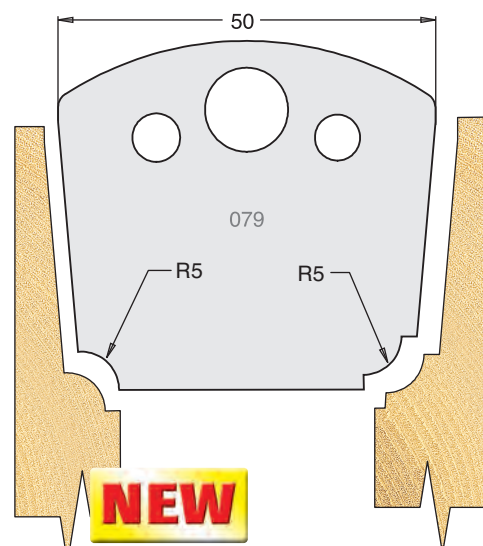
Knives	IT/33 076 50	£20.48
Limitors	IT/34 076 50	£17.12



Knives	IT/33 077 50	£20.48
Limitors	IT/34 077 50	£17.12



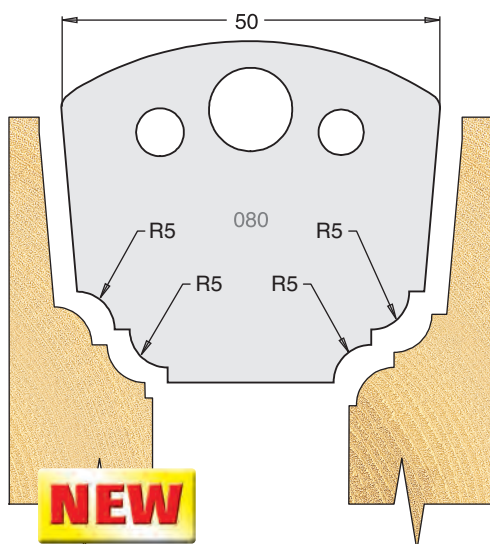
Knives	IT/33 078 50	£20.48
Limitors	IT/34 078 50	£17.12



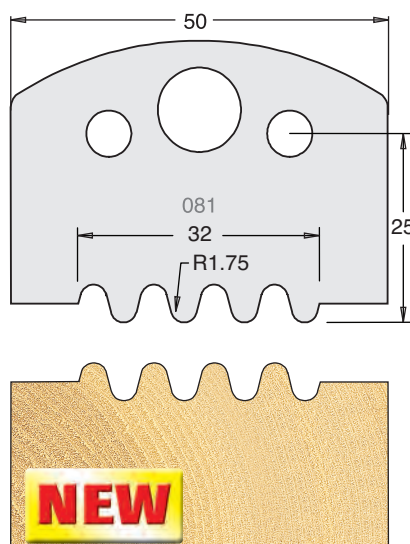
Knives	IT/33 079 50	£20.48
Limitors	IT/34 079 50	£17.12

All blades sold as a pair
All prices are exclusive of VAT

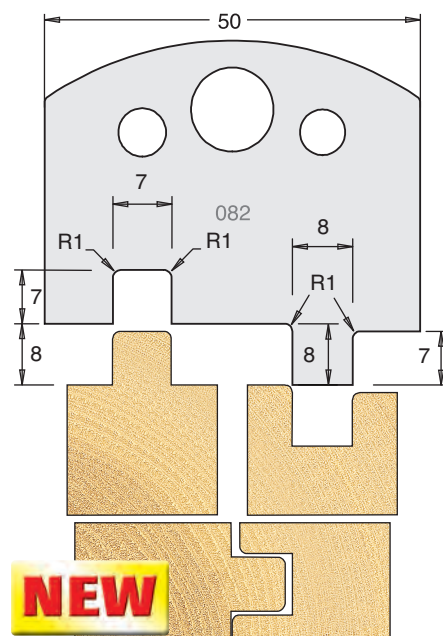
Tool Steel Multi Profile Cutters - 50x4mm



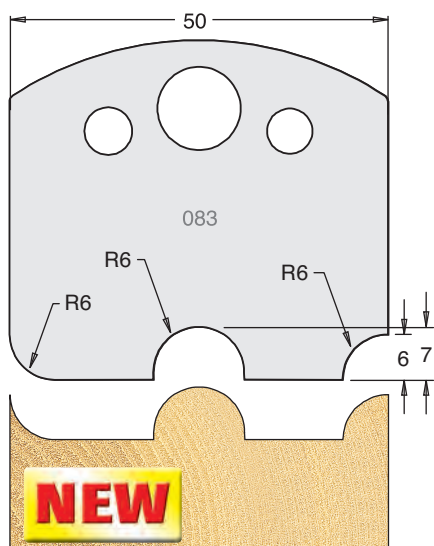
Knives	IT/33 080 50	£20.48
Limiters	IT/34 080 50	£17.12



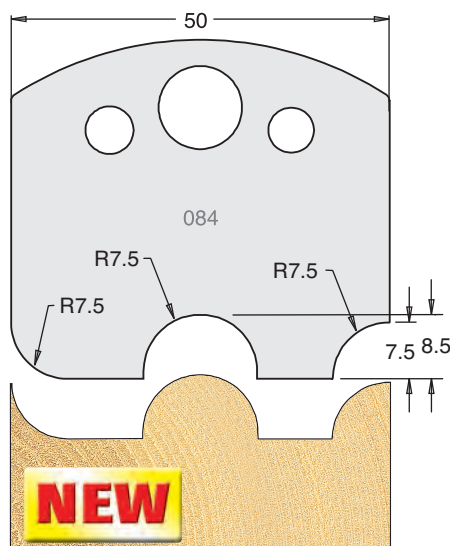
Knives	IT/33 081 50	£20.48
Limiters	IT/34 081 50	£17.12



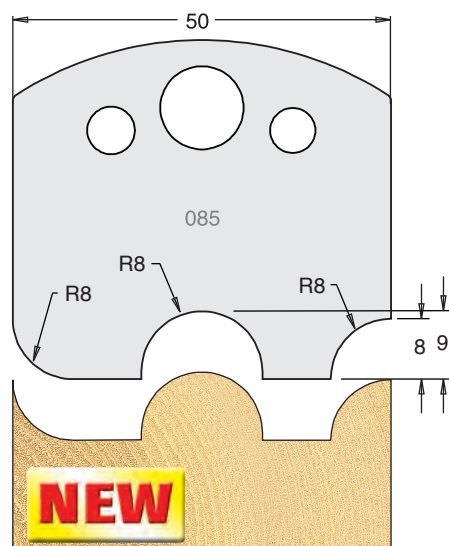
Knives	IT/33 082 50	£20.48
Limiters	IT/34 082 50	£17.12



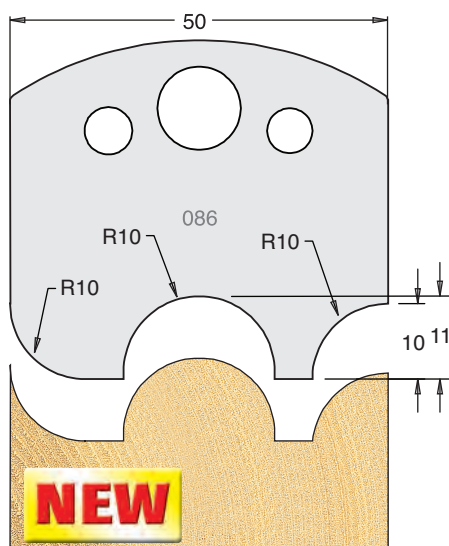
Knives	IT/33 083 50	£20.48
Limiters	IT/34 083 50	£17.12



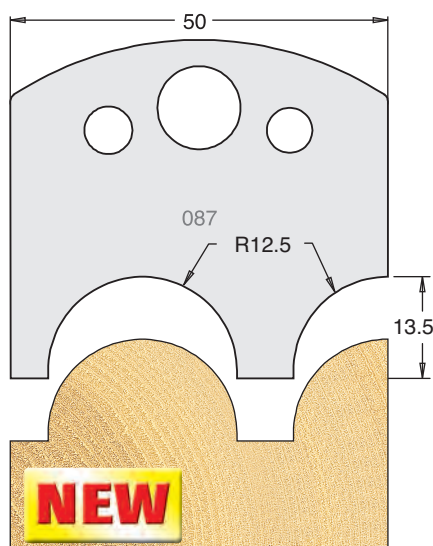
Knives	IT/33 084 50	£20.48
Limiters	IT/34 084 50	£17.12



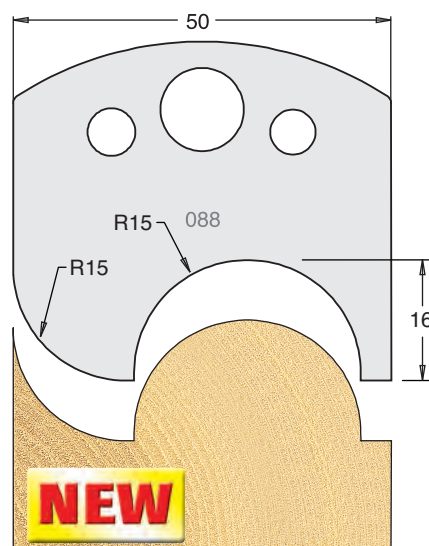
Knives	IT/33 085 50	£20.48
Limiters	IT/34 085 50	£17.12



Knives	IT/33 086 50	£20.48
Limiters	IT/34 086 50	£17.12



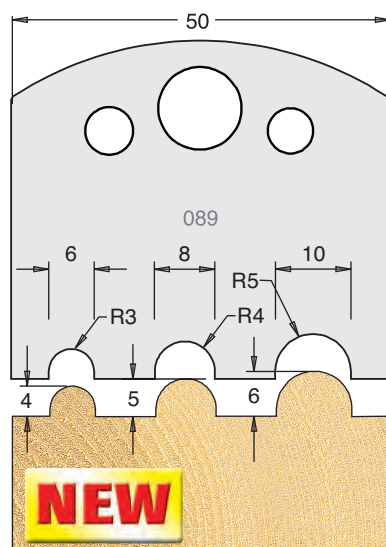
Knives	IT/33 087 50	£20.48
Limiters	IT/34 087 50	£17.12



Knives	IT/33 088 50	£20.48
Limiters	IT/34 088 50	£17.12

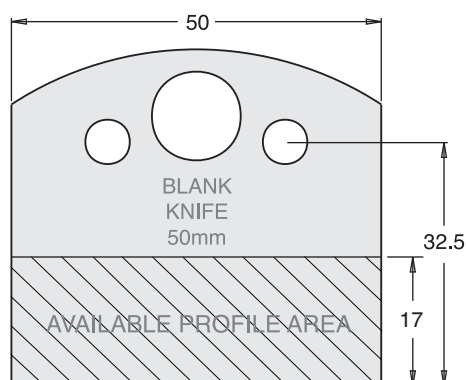
All blades sold as a pair
All prices are exclusive of VAT

Tool Steel Multi Profile Cutter - 50x4mm

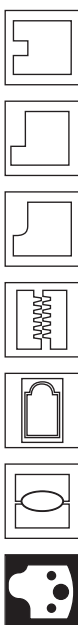


Knives	IT/33 089 50	£20.48
Limitors	IT/34 089 50	£17.12

Blank Knife



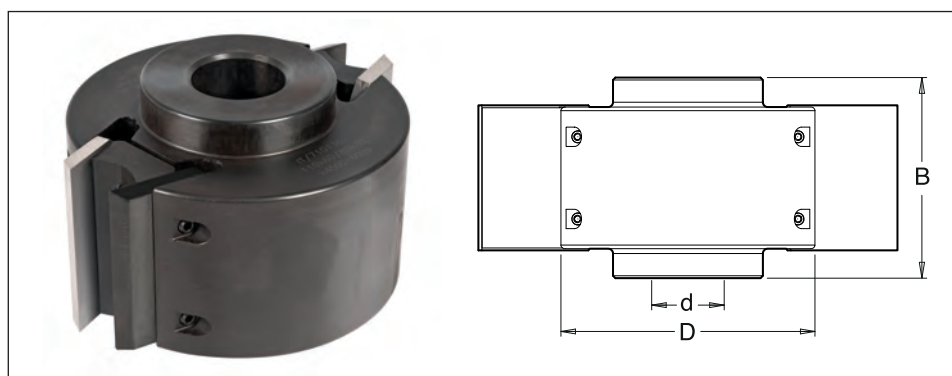
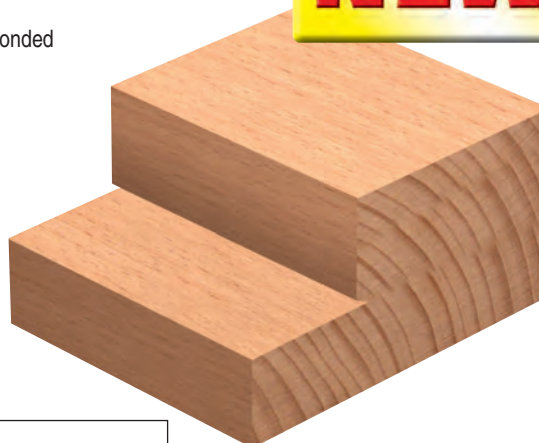
Tool Steel	IT/335 004 6	£7.56
High Speed Steel	IT/ST/HSSB02	£29.82
Limitors	IT/345 004 6	£4.73



NEW

Multi Profile Cutter Blocks 60/80 x 5.5mm

- Hard wearing steel body complete with two tool steel rebate knives and limiter plates.
- Suitable for jointing, rebating and profiling with 5.5mm thick knives and limitors in un-bonded softwood and hardwood boards on a spindle moulder.
- Cutter block will take both 60mm and 80mm knives and limitors.
- Recommended RPM (n): 4,000 – 5,800.
- Suitable for Hand Feeding (MAN).



D	B	z	30mm Bore d	1 1/4" Bore d	Stock	Price
110	60/80	2	IT/710 136 1	IT/710 136 7	Y	£150.00

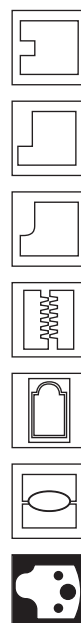
Key

Stock - Y means normally kept in stock for next day delivery.
N means not normally held in stock, delivery in a short time.

Please note:

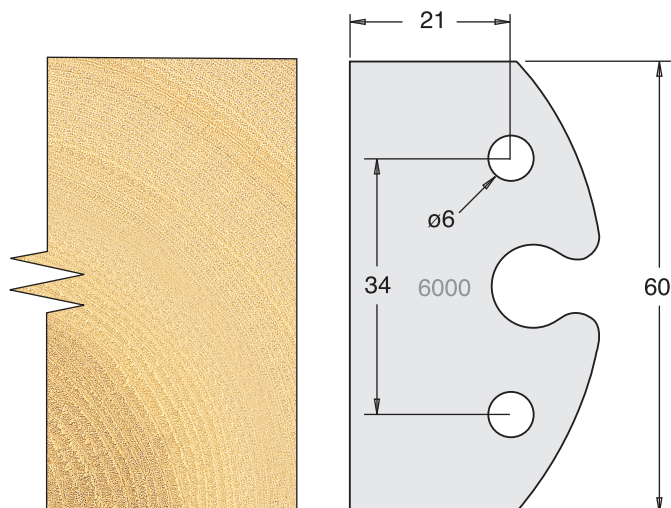
Multi-profile block 128mm dia x 1-1/4" bore for 60mm knives only is still available while stocks last.

Ref. IT/776 030 7 - £132.30

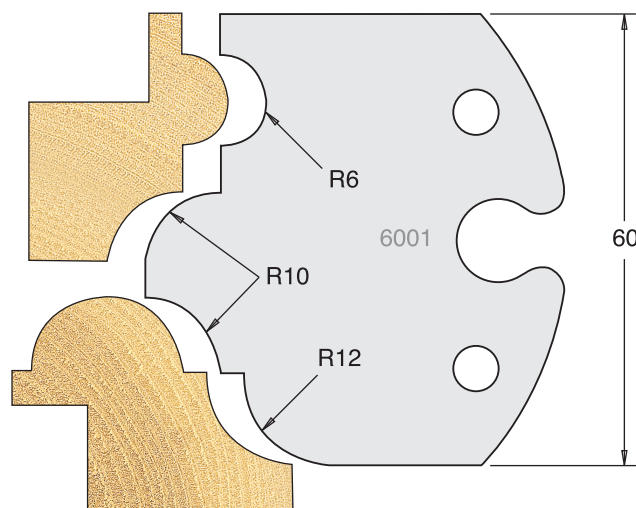


Tool Steel Multi Profile Cutters - 60x5.5mm

All drawings are actual size
Profile drawing shows back of knife



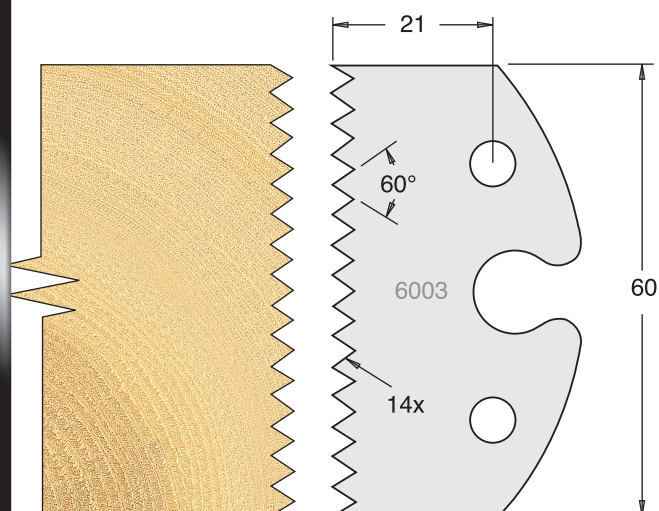
Knives	IT/33 000 60	£21.74
Limitors	IT/34 000 60	£23.10



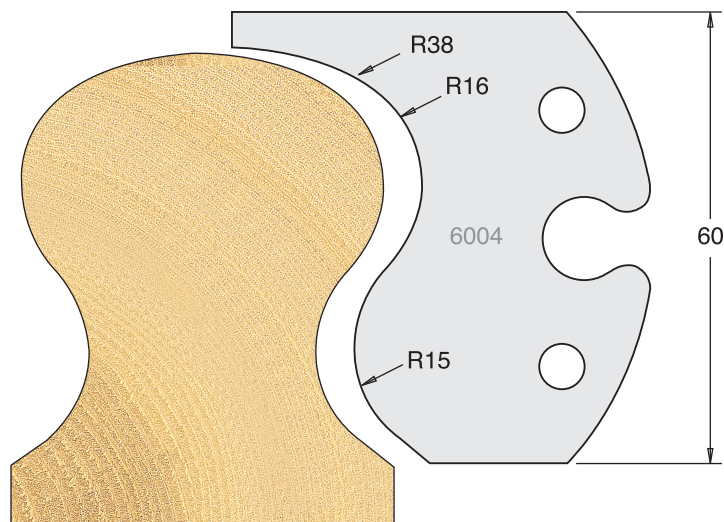
Knives	IT/33 001 60	£28.35
Limitors	IT/34 001 60	£23.10

All blades sold as a pair
All prices are exclusive of VAT

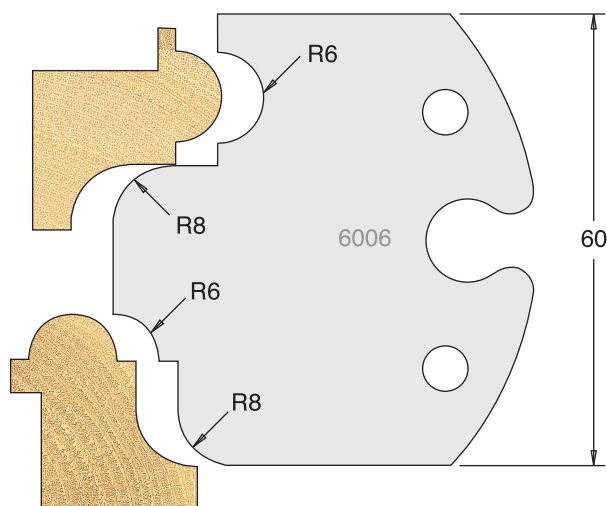
Tool Steel Multi Profile Cutters - 60x5.5mm



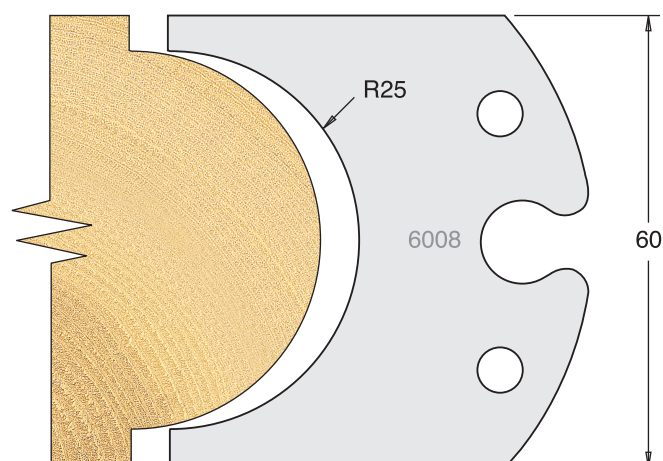
Knives	IT/33 003 60	£28.35
Limitors	IT/34 003 60	£23.10



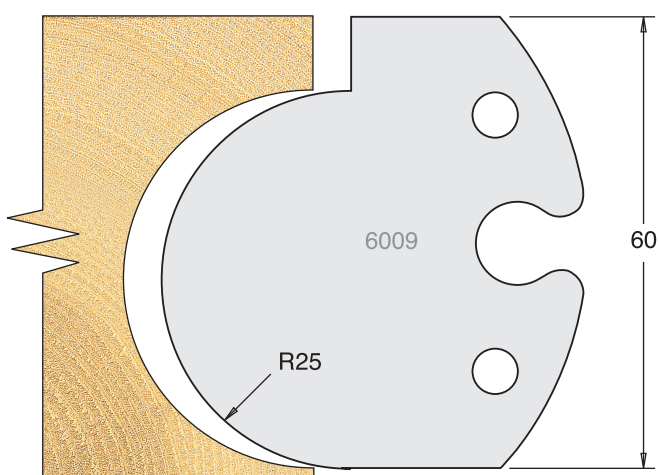
Knives	IT/33 004 60	£28.35
Limitors	IT/34 004 60	£23.10



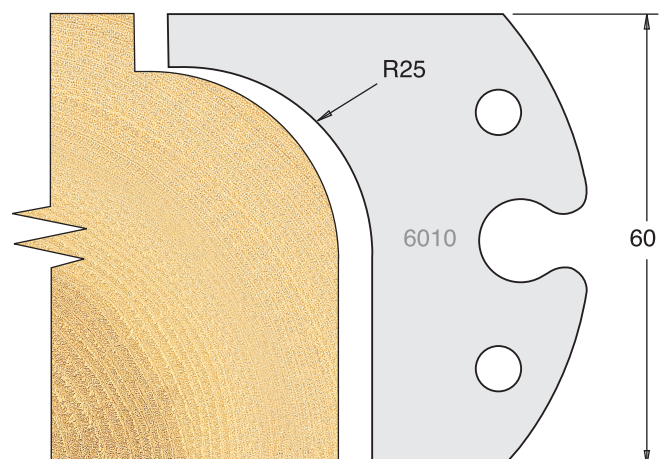
Knives	IT/33 006 60	£28.35
Limitors	IT/34 006 60	£23.10



Knives	IT/33 008 60	£28.35
Limitors	IT/34 008 60	£23.10



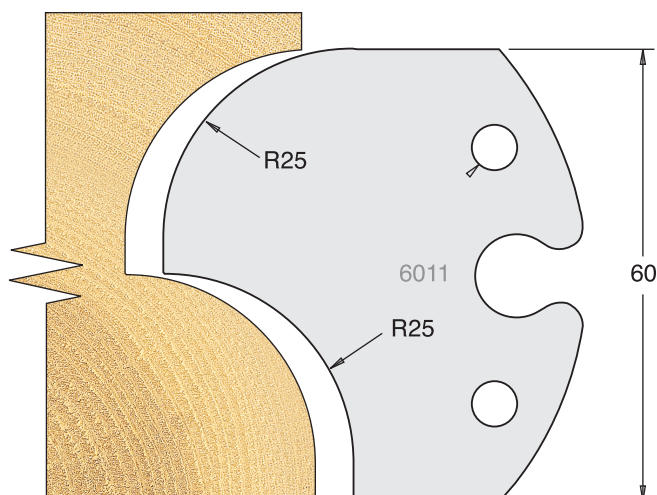
Knives	IT/33 009 60	£28.35
Limitors	IT/34 009 60	£23.10



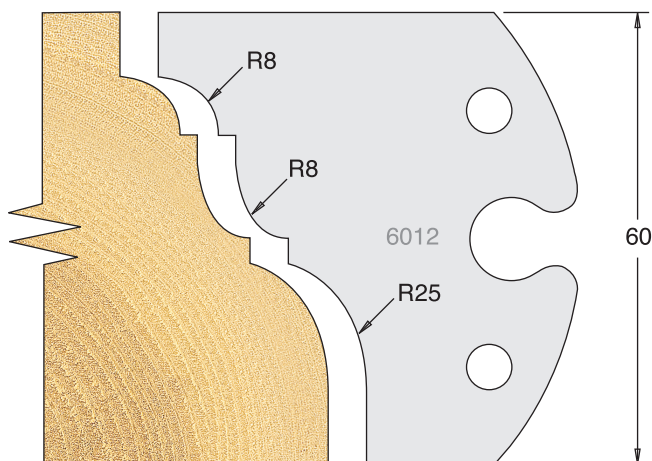
Knives	IT/33 010 60	£28.35
Limitors	IT/34 010 60	£23.10

All blades sold as a pair
All prices are exclusive of VAT

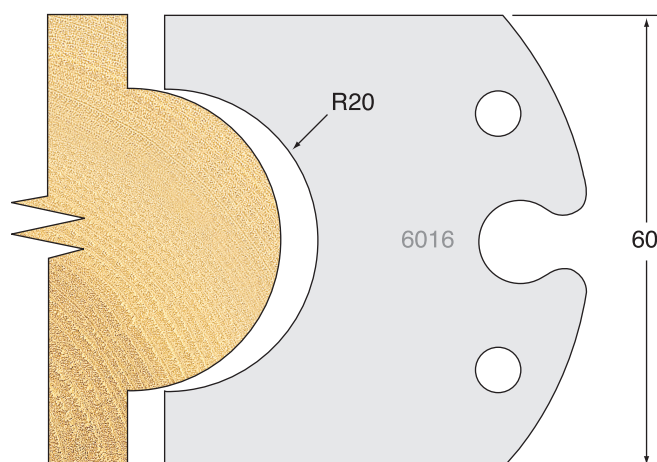
Tool Steel Multi Profile Cutters - 60x5.5mm



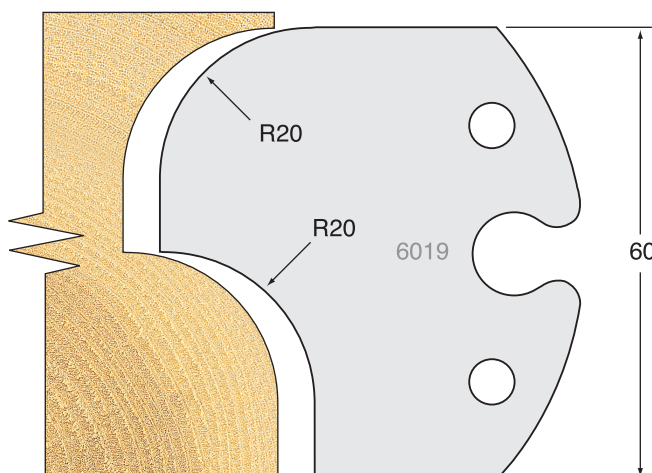
Knives	IT/33 011 60	£28.35
Limiters	IT/34 011 60	£23.10



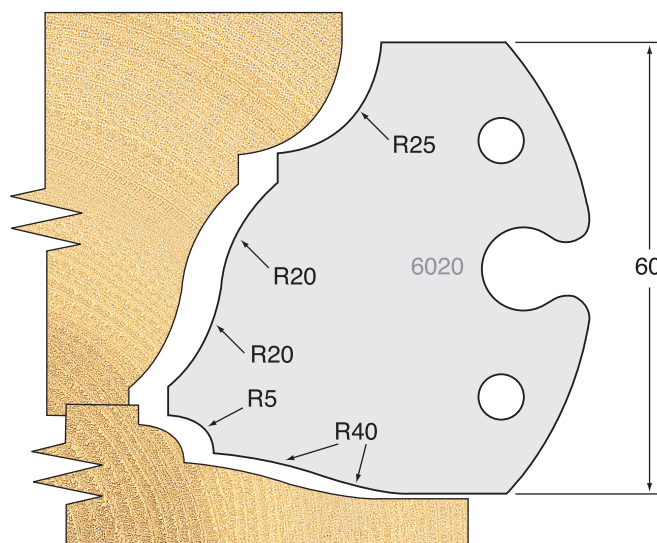
Knives	IT/33 012 60	£28.35
Limiters	IT/34 012 60	£23.10



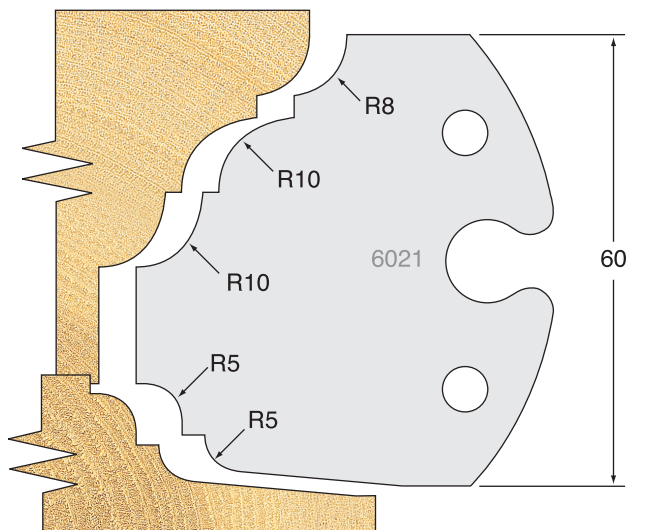
Knives	IT/33 016 60	£28.35
Limiters	IT/34 016 60	£23.10



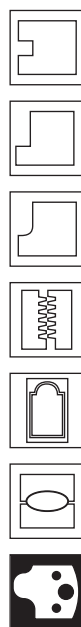
Knives	IT/33 019 60	£28.35
Limiters	IT/34 019 60	£23.10



Knives	IT/33 020 60	£28.35
Limiters	IT/34 020 60	£23.10

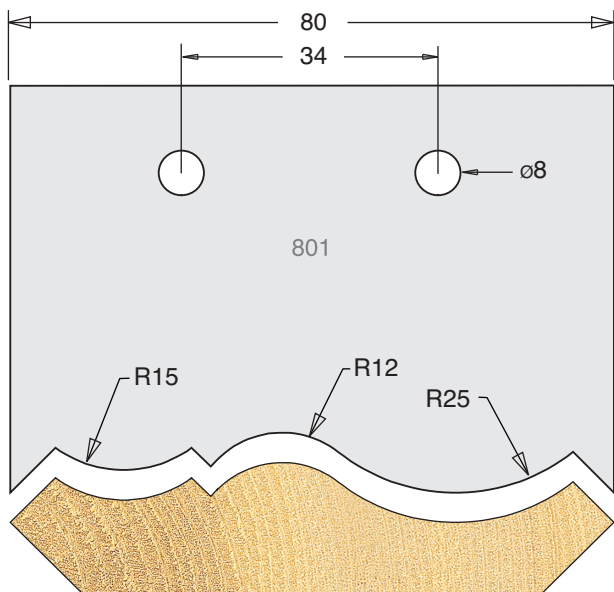


Knives	IT/33 021 60	£28.35
Limiters	IT/34 021 60	£23.10

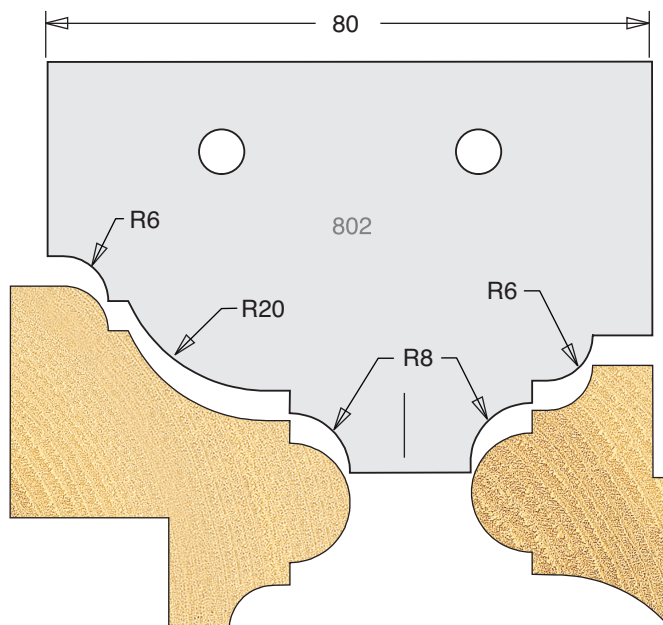


All blades sold as a pair
All prices are exclusive of VAT

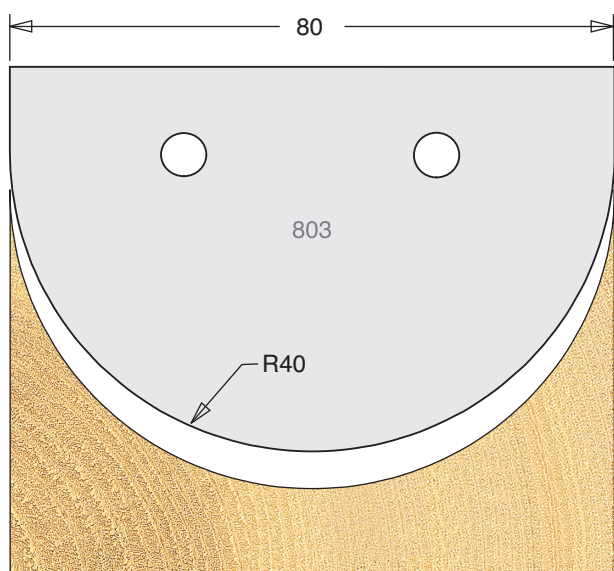
High Speed Steel Multi Profile Cutters - 80x5.5mm



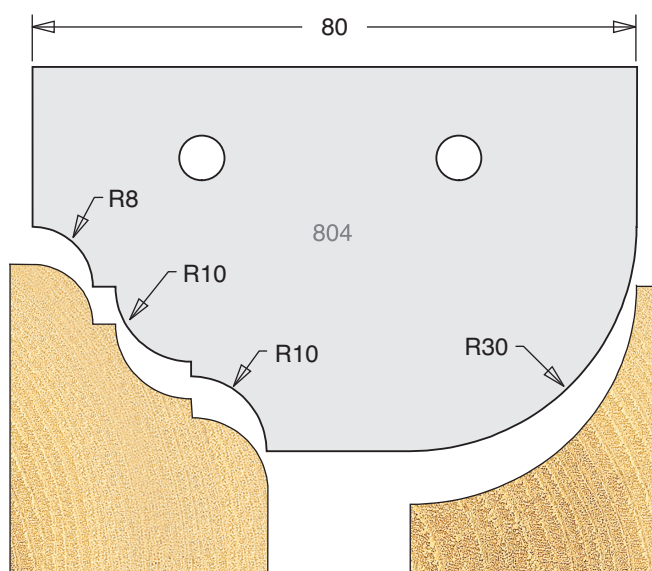
HSS Knives	IT/33 801 80	£99.00
Limitors	IT/34 801 80	£78.00

NEW

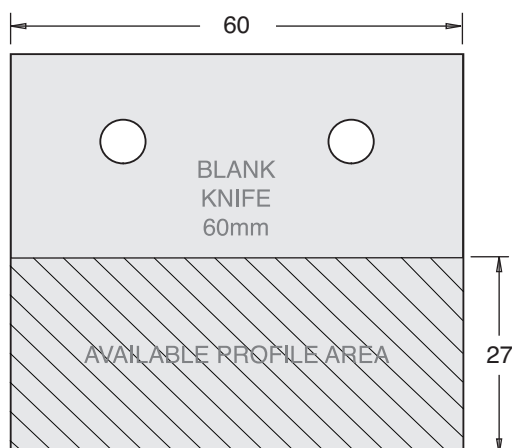
HSS Knives	IT/33 802 80	£99.00
Limitors	IT/34 802 80	£78.00

NEW

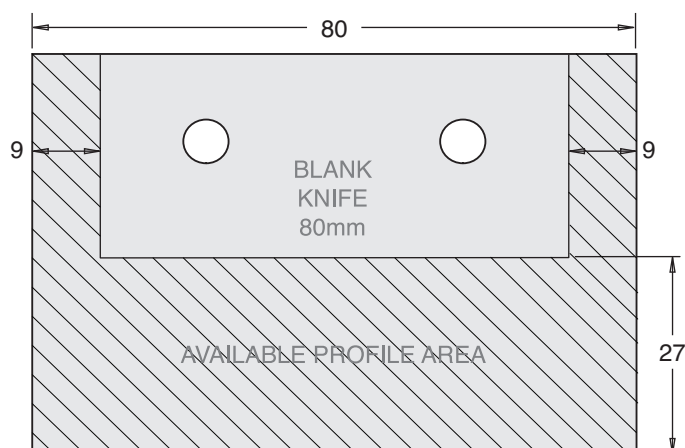
HSS Knives	IT/33 803 80	£99.00
Limitors	IT/34 803 80	£78.00

NEW

HSS Knives	IT/33 804 80	£99.00
Limitors	IT/34 804 80	£78.00

NEW

Tool Steel	IT/330BL60	£15.65
High Speed Steel	IT/ST/HSSB03	£49.60
Limitors	IT/340BL60	£11.87



High Speed Steel	IT/ST/HSSB04	£71.00
Limitors	IT/ST/BL04	£36.90

NEW

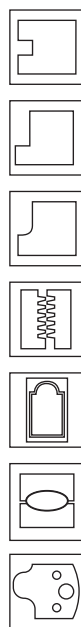
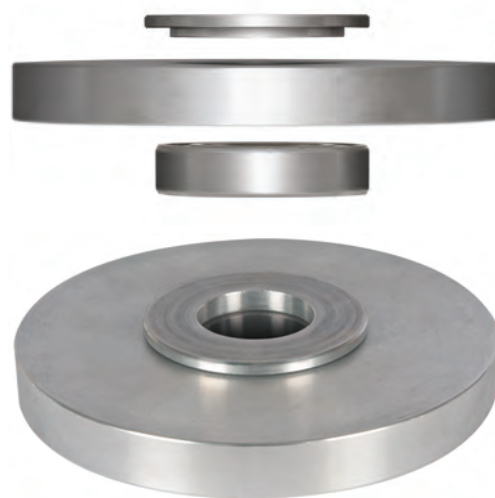
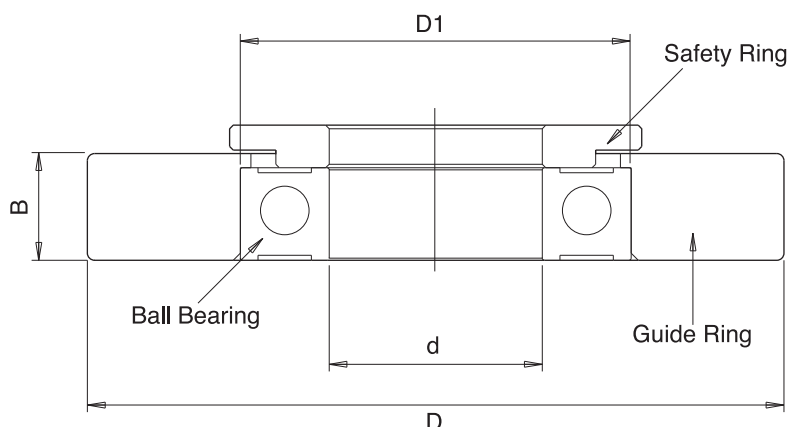
All blades sold as a pair
All prices are exclusive of VAT

Ball Bearing Guide Rings

- A complete range of alloy guide rings for use in conjunction with a ball bearing and security ring.
- Enables cutter blocks to be used with a template or directly onto the work piece for shaping work.
- Choose required diameter guide ring from this table and corresponding ball bearing and safety ring from the second table depending on shaft diameter.

D	D1	B	Description	Product Ref.	Stock	Price
75	55	15	Guide Ring	IT/192 581 0	Y	£18.90
80	55	15	Guide Ring	IT/192 582 0	Y	£19.85
85	55	15	Guide Ring	IT/192 583 0	Y	£20.79
90	55	15	Guide Ring	IT/192 584 0	Y	£21.74
95	55	15	Guide Ring	IT/192 585 0	Y	£22.68
100	55	15	Guide Ring	IT/192 586 0	Y	£27.41
105	55	15	Guide Ring	IT/192 587 0	Y	£28.35
110	55	15	Guide Ring	IT/192 588 0	Y	£29.30
115	55	15	Guide Ring	IT/192 589 0	Y	£30.77
120	55	15	Guide Ring	IT/192 590 0	Y	£22.05
125	55	15	Guide Ring	IT/192 591 0	Y	£36.86
130	55	15	Guide Ring	IT/192 592 0	Y	£24.15
135	55	15	Guide Ring	IT/192 593 0	Y	£28.35
140	55	15	Guide Ring	IT/192 594 0	Y	£29.40
145	55	15	Guide Ring	IT/192 595 0	Y	£31.50
150	55	15	Guide Ring	IT/192 596 0	Y	£32.55

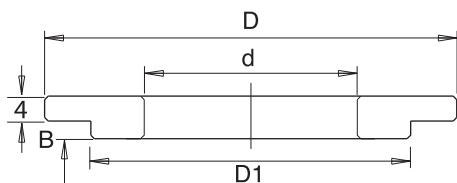
D1	B	Description	30mm Bore d	1 1/4" Bore d	Stock	Price
55	13	Ball Bearing	IT/191 023 0	IT/191 023 7	Y	£19.85
		Safety Ring	IT/192 510 0	IT/192 510 7	Y	£8.51



Reduction Bush

- Steel reduction bush to reduce bore of a 1 1/4" bore block to 30 mm. To be used as a pair.

D	D1	d	B	Product Ref.	Stock	Price
55	1 1/4"	30	5	IT/BUSH/31830	Y	£10.92

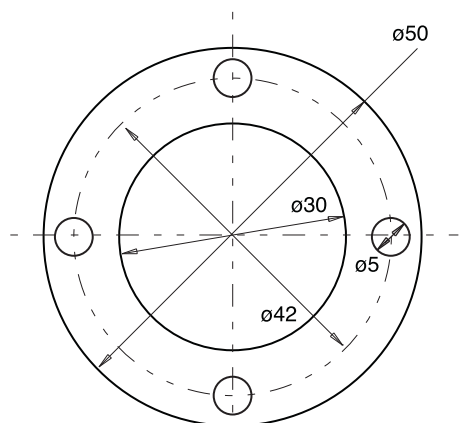


Key

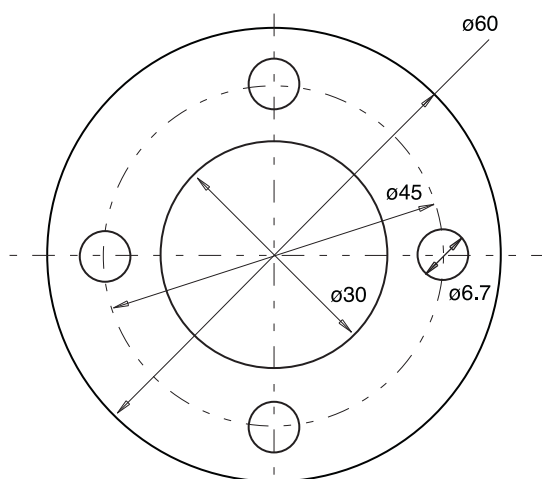
Stock - Y means normally kept in stock for next day delivery.
N means not normally held in stock, delivery in a short time.

Spacers

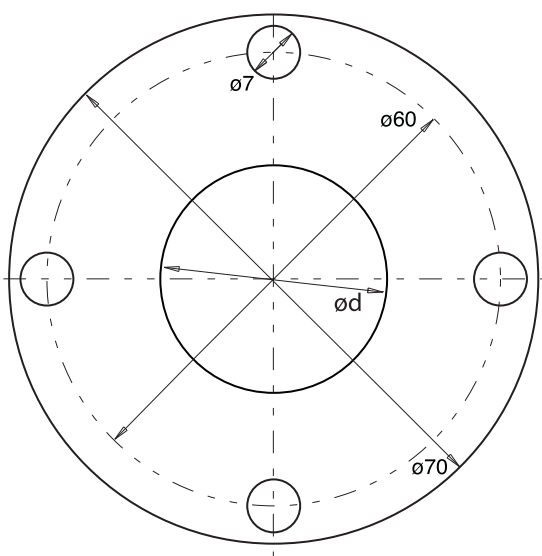
- High quality, fully ground, steel spacer rings complete with pin holes.
- Suitable for use with our range of adjustable grooving cutters or can be used with standard groovers for comb jointing.



z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
50	0.1	IT/192 611 0	IT/192 611 7	Y	£2.10
50	0.2	IT/192 612 0	IT/192 612 7	Y	£2.10
50	0.5	IT/192 615 0	IT/192 615 7	Y	£5.15
50	1.0	IT/192 616 0	IT/192 616 7	Y	£2.10
50	2.0	IT/192 617 0	IT/192 617 7	Y	£2.10
50	3.0	IT/192 618 0	IT/192 618 7	Y	£2.42



z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
60	0.1	IT/192 791 1	IT/192 791 7	Y	£2.52
60	0.2	IT/192 792 1	IT/192 792 7	Y	£2.52
60	0.5	IT/192 793 5	IT/192 793 7	Y	£6.09
60	1.0	IT/192 794 1	IT/192 794 7	Y	£2.52
60	5.0	IT/192 795 1	IT/192 795 7	Y	£6.62



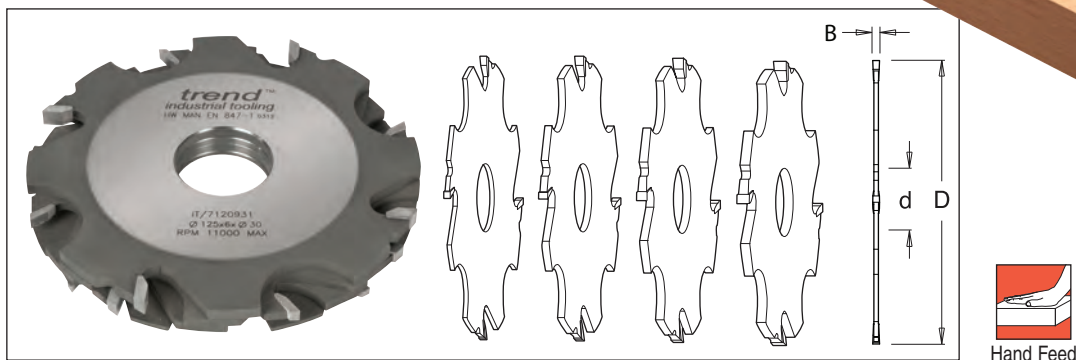
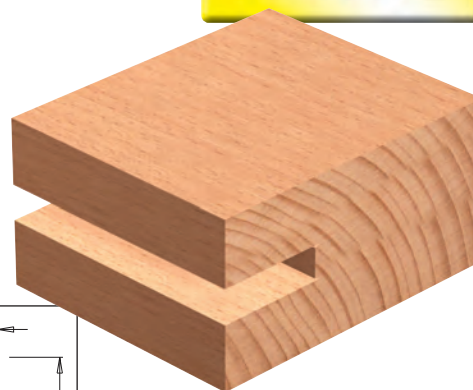
z	B	30mm Bore d	1 1/4" Bore d	Stock	Price
70	0.1	IT/192 690 1		Y	£2.10
70	0.2	IT/192 691 1		Y	£2.10
70	0.3	IT/192 692 1		Y	£2.10
70	0.4	IT/192 693 1		Y	£2.36
70	0.5	IT/192 693 5		Y	£5.20
70	1.0	IT/192 694 1		Y	£2.10
70	2.0	IT/192 695 1		Y	£2.10
70	3.0	IT/192 696 1		Y	£3.05
70	4.0	IT/192 697 1		Y	£3.05
70	5.0	IT/192 697 5		Y	£5.67
70	8.0	IT/192 698 1		Y	£5.15
70	10.0	IT/192 699 1		Y	£7.56
70	20.0	IT/192 699 2		Y	£15.65

Key

Stock - Y means normally kept in stock for next day delivery.
N means not normally held in stock, delivery in a short time.

Tungsten Carbide Tipped Adjustable Grooving Cutter 3.0 – 18.0mm

- Hard wearing steel body complete with 4 Tungsten Carbide tips (z).
- Suitable for producing various width grooves and slots in softwood, hardwood and man-made boards on a spindle moulder.
- By combining cutters and spacers from the set, cutting width can be adjusted from 3.0mm to 18.0mm. See table below for groove widths and required cutter/spacer combination.
- Groovers can be purchased separately.
- Recommended RPM (n) 6,100 – 10,500.
- Suitable for Hand Feeding (MAN).

NEW


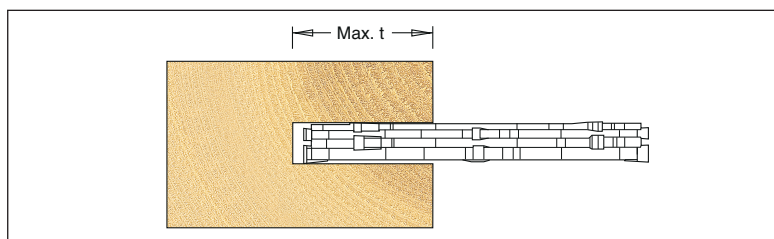
D	B	v	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
125	3.0 - 18.0	4	32	IT/712 094 1	IT/712 094 7	Y	£190.00

Spare Groovers

D	B	v	max. t	30mm Bore d	1 1/4" Bore d	Stock	Price
125	3.0	4	32	IT/712 090 1	IT/712 090 7	Y	£42.65
125	4.0	4	32	IT/712 091 1	IT/712 091 7	Y	£44.20
125	5.0	4	32	IT/712 092 1	IT/712 092 7	Y	£45.70
125	6.0	4	32	IT/712 093 1	IT/712 093 7	Y	£48.70

Spacer Set

Description	Spacers	
Product Ref.	IT/192 705 1	IT/192 705 7
Size	50x3.8x30	50x3.8x1 1/4"
Price	£36.50	£36.50



Kerf (B)	Cutter No.	Spacer	Cutter No.	Spacer	Cutter No.	Spacer	Cutter No.
3	3						
4	4						
5	5						
6	6						
7	4	0.9	3				
8	5	1.2	3				
9	5	1.2	4				
10	6	1.3	4				
11	6	1.6	5				
12	5	1.2	4	0.9	3		
13	6	1.3	4	1.0	3		
14	6	1.6	5	1.2	3		
15	6	1.6	5	1.2	4		
16	6	1.1	5	0.2	4	0.6	3
17	6	1.1	5	1.2	4	0.6	3
18	6	1.6	5	1.2	4	1.0	3

Key

Spare Knives and Scorers - Product Reference ending in /10 are sold in packs of ten

Stock - Y means normally kept in stock for next day delivery.

N means not normally held in stock, delivery in a short time.

4 Piece Professional Spindle Starter Set in Carry Case

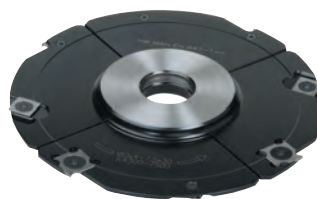
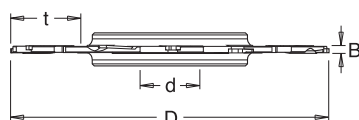
- Hard wearing steel bodied tools in a compact carry case.
- Set comprises: Disposable Insert Adjustable Groover
Disposable Insert Rebate Block
Disposable Insert Adjustable Chamfer Block
Multi Profile Block
- Four of the most popular spindle blocks for grooving, rebating, chamfering and profiling in softwood and hardwood and man-made board (disposable tip cutters only) on a spindle moulder.
- See relevant product pages for full details of individual blocks.



	30mm Bore d	1 1/4" Bore d	Stock	Price
4 Piece Professional Spindle Starter Set	IT/ST/SS001	IT/ST/SS007	Y	£769.00

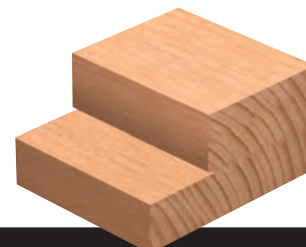
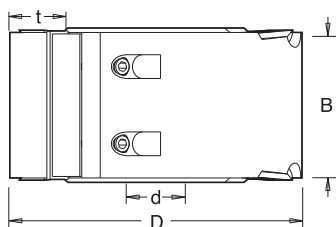
Comprising:

Disposable Insert Adjustable Groover



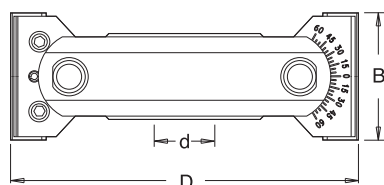
D	B	z	v	max. t	30mm Bore d	1 1/4" Bore d	
160	4.0 - 7.5	8	4	30	IT/722 001 1	IT/722 001 7	see page 26

Disposable Insert Rebate Block



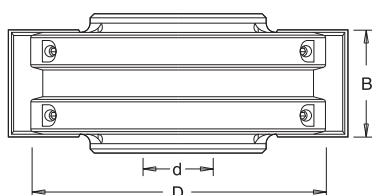
D	B	z	v	max. t	30mm Bore d	1 1/4" Bore d	
125	50	2	4	30	IT/733 102 1	IT/733 102 7	see page 30

Disposable Insert Adjustable Chamfer Block



D	B	z	angle	30mm Bore d	1 1/4" Bore d	
150	50	2	-90° to +90°	IT/734 017 1	IT/734 017 7	see page 36

Multi Profile Block



D	B	z	30mm Bore d	1 1/4" Bore d	
114	40/50	2	IT/776 008 1	IT/776 008 7	see page 55

Our Industrial Tooling Stationary Machinery Range includes Spindle Moulders, Thickness Planers, Surface Planers and a Combined Planer Thicknesser. See our website or Industrial Machinery Catalogue for more details.

TSM100 Spindle Moulder

The TSM100 spindle moulder is a sturdily built machine complete with a flush mounted sliding table suitable for the modern joinery shop.



- Cast, precision ground, steel table ensures maximum stability and durability.
- Five spindle speeds allow for a wide variety of different tooling to be used on the machine from small diameter profiling blocks to large diameter tenon heads for window and door production.
- The machine has been specially developed to suit our Window System tooling and can produce all of the different styles of windows and doors (optional tenon hood required for doors).
- Table size of 1100mm x 940mm.
- Sliding table size of 1100mm x 300mm.
- Maximum tooling diameter below table is 300mm, with standard hood maximum tooling diameter of 240mm.
- Spindle shaft diameter of 30mm or 1-1/4".
- 7.5 HP (5.5KW) motor power.
- Voltage 415V/50Hz (3 phase).
- Manufactured in Italy.



TSP400 & TSP500 Surface Planers

Robust construction suitable for the modern joinery shop with cast iron tables provide stability and ensure maximum accuracy.



- Easy to use, ergonomically designed controls.
- TSP400 table dimensions of 2520mm x 400mm and feed table length of 1340mm.
- TSP500 table dimensions of 2890mm x 500mm and feed table length of 1520mm.
- 120mm cutter block with four knives.
- Maximum depth of cut 10mm.
- Adjustable angle back fence.
- 4 HP (3KW) cutter block power for TSP400 and 5.5 HP (4KW) for TSP500.
- Voltage 415V/50hz (3 phase).
- Manufactured in Italy.

TTP400 & TTP530 Thickness Planers

These Thickness Planers have a robust construction suitable for the modern joinery shop with cast iron tables.



- Motorised pressure roller and out-feed roller ensure a perfect finish on hard woods and soft wood.
- Easy to use, ergonomically designed controls.
- TTP400 Table dimensions of 415mm x 750mm. Working capacity of 400mm x 220mm. Feed speed of 6.5 m/min and 13 m/min.
- TTP530 Table dimensions of 550mm x 960mm. Working capacity of 530mm x 300mm. Variable feed speed of 4.0 to 20 m/min.
- Minimum material thickness 4mm.
- 120mm diameter cutter block with four knives.
- Maximum depth of cut of 8mm.
- 4 HP (3KW) cutter block power for TTP400 and 5.5 HP (4KW) for TTP500.
- 1.5 HP feed motor power.
- Voltage 415V /5Hz (3 phase).
- Manufactured in Italy.

TCPT410 Combined Planer/Thicknesser

Robust construction suitable for the modern joinery shop with cast iron surfacing and thicknessing tables.



- Space saving, combines two operations, planing and thicknessing, in one machine.
- Very quick change from planing to thicknessing.
- Surfacing table size of 2120mm x 410mm.
- Thicknessing table size of 410mm x 810mm.
- Material thickness maximum of 230mm and minimum 4mm.
- Maximum depth of cut of 7mm.
- 100mm diameter cutter block with four knives.
- 5.5 HP (4KW) motor power.
- Adjustable angle back fence.
- Voltage 415V/50hz (3 phase).
- Manufactured in Italy.

TSM50 Spindle Moulder

NEW


CE

The TSM50 spindle moulder is a sturdily built machine available with a high precision flush mounted sliding table.

The machine can be specified with a 5.5HP (4.0KW) 3 phase motor for industrial use or a 3.0HP (2.2KW) single phase motor for the serious home user.

- Cast iron, precision ground, table ensures maximum stability and durability.
- Three spindle speeds allow for a wide variety of different spindle tooling to be used on the machine. Small profiling tools up to large tenoning tools.
- Maximum tooling diameter above the table 240mm (300mm with optional tenoning hood). Maximum tooling diameter below the table 220mm.
- Large access panel at the front of the machine enables easy speed change.
- Free 114mm diameter multi profile cutter block in wooden box with every machine.
- Machine supplied as standard with flush mounted sliding table. Solid cast iron table available to special order. See picture below.
- Not suitable for running the Trend Modular Window System.
- Machine manufactured in Italy.

Technical Specification	TSM50 with Sliding Table
Motor Power	5.5HP (4.0KW) S1 (100%) or 3HP (2.2KW)
Table Dimensions	1000mm x 700mm
Sliding Table Dimensions	1000mm x 160mm
Vertical Spindle Stroke	140mm
Spindle Diameter	30mm (or 1 1/4")
Spindle Speeds (RPM)	2500/5000/8000
Maximum Useable Spindle Height	140mm
Maximum Tooling Diameter (with Std. Hood)	200mm
Maximum Tooling Diameter (with Tenon Hood)	300mm
Maximum Tooling Diameter Below Table	220mm
Table Height	910mm
Diameter of Dust Extraction Port in Hood	120mm
Diameter of Dust Extraction Port at base of Machine	80mm
Overall Dimensions (L x W x H)	1100mm x 900mm x 1200mm
Voltage	415V (3 phase) or 230V (1 phase)
Acoustic Power under work	98.3 dBw(A)
Net Weight	300kg

Version	Product Ref.
5.5HP(4.0KW), 3 Phase (30mm shaft)	TSM50/55/30
5.5HP(4.0KW), 3 Phase (1 1/4" shaft)	TSM50/55/1114
3.0HP(2.2KW), 1 Phase (30mm shaft)	TSM50/3/30
3.0HP(2.2KW), 1 Phase (1 1/4" shaft)	TSM50/3/114



Flush Mounted Sliding Table



Hard wearing aluminium alloy table runs on high precision bearings to ensure maximum durability. Allows safe machining of end grain work particularly tenoning.

Control Panel



Located on the right hand side of the machine for easy access to all relevant safety buttons and switches. Soft start (automatic star/delta), emergency stop, electrical brake and optional speed indication lights.

Access Panel



Large access panel allowing for easy change of belt speeds. All Trend spindle tooling has the required RPM laser etched on to the cutter block.

Back Fence Adjustment



The back fence has an integral micro-adjuster which controls the position of the complete back fence.

Dusthood



The hood has a 120mm port for dust extraction. Also a secondary 80mm outlet at the rear of the machine provides extraction from beneath the spindle.

Free Cutter Block



114mm diameter multi profile cutter block complete in sturdy wooden storage box. Suitable for use with our complete range of 40mm and 50mm profile knives and limiter plates (see pages 76 to 84).

Optional Extras

Power Feed



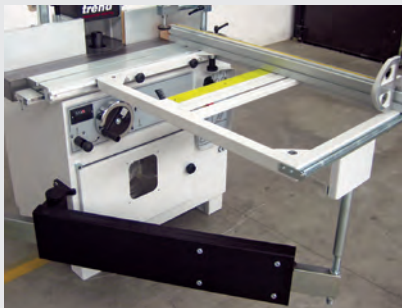
An essential piece of equipment on any spindle moulder. It provides a good finish on the material due to a constant feed speed and is the safest way to profile on a spindle moulder. The power feed comes complete with 3 rollers and 4 different speeds. It connects directly to a 3 phase socket at the rear of the machine. Horizontal arm measures 1050mm.

Safety Fence



The optional alloy safety fence has individually adjustable sliding fingers that can be locked in position around the cutter heads. It provides good support to the workpiece when profiling and prevents it from 'dropping in'.

Table Extension



The optional table extension enables larger sections to be machined easily.

Tenoning Hood



The optional tenoning hood is suitable for use with larger diameter tools (up to 300mm diameter).

Tenoning Table



The 20mm thick tenoning table fits easily into the slot on the sliding table. Used in conjunction with the tenoning clamp and fence; suitable for getting smaller workpieces closer to the cutter heads.

Description	Product Ref.	Price
TSM50 Spindle Moulder 30mm shaft (CE) 5.5HP (4.0KW) 3 Phase	TSM50/55/30	£4,499.00
TSM50 Spindle Moulder 1 1/4" shaft (CE) 5.5HP (4.0KW) 3 Phase	TSM50/55/114	£4,499.00
TSM50 Spindle Moulder 30mm shaft (CE) 3.0HP (2.2KW) 1 Phase	TSM50/3/30	£4,499.00
TSM50 Spindle Moulder 1 1/4" shaft (CE) 3.0HP (2.2KW) 1 Phase	TSM50/3/114	£4,499.00

Optional Equipment		
Power Feed	TPF100	£699.00
Alloy Safety Fence	TSM50/ASF	£409.00
Manually Operated Tilting Spindle (-5°, +45°)	TSM50/MTS	£619.00
20mm thick Tenoning Table	TSM50/TT	£179.00
Tenoning Hood	TSM50/TH	£239.00
Front Table Extension	TSM50/FTE	£589.00

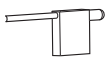


		Wedge 		TC Blade Nut 		TC Blade Nut 		Torx Screw 		Hex/Set Screw 	
Product Ref.	Page	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price
IT/710 136 1(7)	85	IT/ST/SW02	£11.34							IT/193 026 6	£1.47
IT/721 004 1(7)	25			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 028 0	£1.47		
IT/721 005 1(7)	25			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 030 0	£1.89		
IT/721 006 1(7)	25			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 031 0	£4.73		
IT/721 007 1(7)	25			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 028 0	£1.47		
IT/721 009 1(7)	25			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 030 0	£1.89		
IT/721 013 1(7)	25	IT/199 03 10	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/721 014 1(7)	25	IT/199 023 0	£6.20					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/721 015 1(7)	25	IT/199 032 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/721 016 1(7)	25	IT/199 03 10	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/721 017 1(7)	25	IT/199 023 0	£6.20					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/721 018 1(7)	25	IT/199 032 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/721 020 4	53			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 028 0	£1.47		
IT/721 025 4	54	IT/199 031 2	£6.62							IT/193 060 0	£0.95
IT/721 030 1(7)	40							IT/193 420 0	£3.99		
IT/721 031 1(7)	40							IT/193 425 0	£3.99		
IT/721 032 1(7)	40							IT/193 430 0	£3.99		
IT/721 033 1(7)	40	IT/199 050 1	£9.03							IT/193 026 5	£0.95
IT/721 034 1(7)	40	IT/199 050 2	£9.03							IT/193 026 5	£0.95
IT/721 035 1(7)	40	IT/199 050 3	£9.45							IT/193 026 5	£0.95
IT/721 036 1(7)	40	IT/199 050 4	£9.45							IT/193 026 5	£0.95
IT/721 037 1(7)	40	IT/199 050 5	£10.92							IT/193 026 5	£0.95
IT/721 038 1(7)	40	IT/199 050 6	£11.34							IT/193 026 5	£0.95
IT/722 001 1(7)	26			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 028 0	£1.47		
IT/722 002 1(7)	26	IT/199 031 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/722 003 1(7)	26	IT/199 032 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/722 004 1(7)	26	IT/199 031 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/722 005 1(7)	26	IT/199 032 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/722 007 1(7)	34	IT/199 033 0	£6.62					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/722 008 1(7)	28	IT/199 031 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/722 009 1(7)	28	IT/199 032 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/722 010 1(7)	26			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 028 0	£1.47		
IT/722 011 1(7)	28	IT/199 031 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/722 012 1(7)	28	IT/199 032 0	£6.62					IT/193 370 0	£1.47	IT/193 060 0	£0.95
IT/722 016 1(7)	28			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 028 0	£1.47		
IT/722 017 1(7)	28			IT/192 350 0	£0.95	IT/192 360 0	£0.95	IT/193 028 0	£1.47		
IT/722 030 1(7)	27	IT/199 031 0	£6.62	IT/192 360 0	£0.95	IT/192 350 0	£0.95	IT/193 028 0	£1.47	IT/193 060 0	£0.95
IT/722 032 1	34	IT/199 051 0	£7.14					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/722 032 7	34	IT/199 051 0	£7.14					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/722 033 1	34	IT/199 048 0	£7.56					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/722 033 7	34	IT/199 048 0	£7.56					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/733 004 1(7)	31	IT/199 033 6	£9.03					IT/193 370 0	£1.47	IT/193 065 0	£0.95
IT/733 005 1(7)	31	IT/199 027 5	£8.09					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/733 006 1(7)	31	IT/199 027 5	£8.09					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/733 102 1(7)	30	IT/199 048 0	£7.56					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/733 103 1(7)	30	IT/199 033 7	£9.03					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/733 105 1(7)	30	IT/199 051 0	£7.14					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/733 106 1(7)	30	IT/199 048 0	£7.56					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/733 201 1(7)	30	IT/199 046 0	£7.56					IT/193 370 0	£1.47	IT/193 065 0	£0.95
IT/733 302 1(7)	30	IT/199 048 0	£7.56					IT/193 370 0	£1.47	IT/193 026 5	£0.95
IT/733 405 1(7)	33	IT/199 033 0	£6.62							IT/193 026 5	£0.95
IT/733 510 1(7)	32	IT/199 040 2	£9.00							IT/193 026 5	£0.95
IT/734 014 1(7)	36	IT/199 082 0	£4.73							IT/193 049 4	£0.95
IT/734 015 1(7)	36	IT/199 082 0	£4.73							IT/193 049 4	£0.95
IT/734 016 1(7)	36	IT/199 083 0	£5.15							IT/193 049 4	£0.95
IT/734 017 1(7)	36	IT/199 083 0	£5.15							IT/193 049 4	£0.95

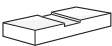


	Torx Key		Hex Key		Gauge		Spacer Set		Locking Wedge		
	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price	Product Ref.
			IT/194 003 6	£4.73							IT/710 136 1(7)
	IT/194 110 0	£1.89									IT/721 004 1(7)
	IT/194 110 0	£1.89									IT/721 005 1(7)
	IT/194 110 0	£1.89									IT/721 006 1(7)
	IT/194 110 0	£1.89									IT/721 007 1(7)
	IT/194 110 0	£1.89									IT/721 009 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/721 013 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/721 014 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/721 015 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/721 016 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/721 017 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/721 018 1(7)
	IT/194 110 0	£1.89									IT/721 020 4
	IT/194 008 0	£1.89									IT/721 025 4
									IT/721 030 1(7)		
	IT/194 110 0	£1.89									IT/721 031 1(7)
	IT/194 101 5	£2.84									IT/721 032 1(7)
			IT/194 003 5	£3.78							IT/721 033 1(7)
			IT/194 003 5	£3.78							IT/721 034 1(7)
			IT/194 003 5	£3.78							IT/721 035 1(7)
			IT/194 003 5	£3.78							IT/721 036 1(7)
			IT/194 003 5	£3.78							IT/721 037 1(7)
			IT/194 003 5	£3.78							IT/721 038 1(7)
			IT/194 110 0	£1.89			IT/192 690 0(7)	£14.18			IT/722 001 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05	IT/192 691 0(7)	£15.65			IT/722 002 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05	IT/192 692 0(7)	£20.79			IT/722 003 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05	IT/192 691 0(7)	£15.65			IT/722 004 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05	IT/192 692 0(7)	£20.79			IT/722 005 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 102 5	£3.05	IT/192 693 0(7)	£29.82			IT/722 007 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/722 008 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/722 009 1(7)
	IT/194 110 0	£1.89					IT/192 690 0(7)	£14.18			IT/722 010 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/722 011 1(7)
	IT/194 106 0	£6.20	IT/194 008 0	£1.89	IT/760 102 5	£3.05					IT/722 012 1(7)
	IT/194 110 0	£1.89									IT/722 016 1(7)
	IT/194 110 0	£1.89									IT/722 017 1(7)
	IT/194 110 0	£1.89	IT/194 008 0	£1.89	IT/760 102 5	£3.05	IT/192 619 0(7)	£16.59			IT/722 030 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 102 5	£3.05	IT/192 698 0	£36.86			IT/722 032 1
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 102 5	£3.05	IT/192 678 7	£36.86			IT/722 032 7
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 102 5	£3.05	IT/192 699 0	£44.42			IT/722 033 1
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 102 5	£3.05	IT/192 679 7	£44.42			IT/722 033 7
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 105 5	£3.05					IT/733 004 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 105 5	£3.05					IT/733 005 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 105 5	£3.05					IT/733 006 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 105 5	£3.05					IT/733 102 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 105 5	£3.05					IT/733 103 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 105 5	£3.05					IT/733 105 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 105 5	£3.05					IT/733 106 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 105 5	£3.05					IT/733 201 1(7)
	IT/194 106 0	£6.20	IT/194 003 5	£3.78	IT/760 105 5	£3.05					IT/733 302 1(7)
			IT/194 003 5	£3.78							IT/733 405 1(7)
			IT/194 003 5	£3.78							IT/733 510 1(7)
	IT/194 003 5	£3.78	IT/194 003 6	£4.73					IT/199 403 1	£11.34	IT/734 014 1(7)
	IT/194 003 5	£3.78	IT/194 003 6	£4.73					IT/199 403 1	£11.34	IT/734 015 1(7)
	IT/194 003 5	£3.78	IT/194 003 6	£4.73					IT/199 403 1	£11.34	IT/734 016 1(7)
	IT/194 003 5	£3.78	IT/194 003 6	£4.73					IT/199 403 1	£11.34	IT/734 017 1(7)



											
Product Ref.	Page	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price
IT/734 030 1(7)	37	IT/199 080 0	£4.94					IT/193 065 0	£0.95	IT/194 003 5	£3.78
IT/734 035 1(7)	37	IT/199 081 0	£3.99					IT/193 065 0	£0.95	IT/194 003 5	£3.78
IT/741 001 1(7)	45	IT/199 049 5	£7.56					IT/193 049 5	£0.95	IT/194 003 5	£3.78
IT/741 004 1(7)	46	IT/199 037 2	£9.66					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/741 005 1(7)	46	IT/199 037 2	£9.66					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/741 006 1(7)	46	IT/199 037 3	£6.62					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/742 031 1(7)	48	IT/199 042 5	£7.56					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/742 032 1(7)	48	IT/199 042 5	£7.56					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/742 033 1(7)	48	IT/199 042 5	£7.56					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/742 034 1(7)	48	IT/199 042 5	£7.56					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/742 027 1(7)	49	IT/199 804 0	£9.45					IT/193 026 7	£0.95	IT/194 003 6	£4.73
IT/742 037 1(7)	49	IT/199 804 0	£9.45					IT/193 026 7	£0.95	IT/194 003 6	£4.73
IT/742 047 1(7)	49	IT/199 804 0	£9.45					IT/193 026 7	£0.95	IT/194 003 6	£4.73
IT/751 010 1(7)	52	IT/199 032 7	£4.20	IT/199 033 5	£6.62			IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 010 1(7)	42	IT/199 091 0	£10.92					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 105 1(7)	42	IT/199 091 0	£10.92					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 106 1(7)	42	IT/199 091 0	£10.92					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 108 1(7)	42	IT/199 091 0	£10.92					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 110 1(7)	42	IT/199 092 0	£11.34					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 112 1(7)	42	IT/199 092 5	£11.34					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 115 1(7)	42	IT/199 093 0	£12.29					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 120 1(7)	42	IT/199 094 0	£13.23					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 125 1(7)	42	IT/199 095 0	£14.18					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/751 130 1(7)	42	IT/199 096 0	£14.18					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 030 1(7)	38	IT/199 032 7	£4.20	IT/199 033 7	£9.03			IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 033 1(7)	38	IT/199 032 7	£4.20					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 109 1(7)	43	IT/199 048 6	£7.56					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 110 1(7)	43	IT/199 048 5	£8.51					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 210 1(7)	29	IT/199 038 5	£6.62			IT/193 370 0	£1.47	IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 410 1(7)	39	IT/199 032 7	£4.20					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 428 1(7)	39	IT/199 032 7	£4.20					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 435 1(7)	39	IT/199 032 7	£4.20					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 440 1(7)	39	IT/199 097 0	£12.29					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 445 1(7)	39	IT/199 098 0	£12.81					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 450 1(7)	39	IT/199 099 0	£13.23					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 510 1(7)	44	IT/199 085 0	£9.45					IT/193 026 7	£0.95	IT/194 003 6	£4.73
IT/752 515 1(7)	44	IT/199 086 0	£10.92					IT/193 026 7	£0.95	IT/194 003 6	£4.73
IT/752 603 1(7)	41	IT/199 032 6	£6.62					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 604 1(7)	41	IT/199 032 6	£6.62					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 605 1(7)	41	IT/199 032 7	£4.20					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 606 1(7)	41	IT/199 032 7	£4.20					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 608 1(7)	41	IT/199 046 5	£6.62					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 610 1(7)	41	IT/199 046 5	£6.62					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 612 1(7)	41	IT/199 046 6	£7.14					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 615 1(7)	41	IT/199 046 1	£7.56					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/752 620 1(7)	41	IT/199 045 0	£8.51					IT/193 026 5	£0.95	IT/194 003 5	£3.78
IT/776 006 1(7)	55	IT/199 801 0	£11.34					IT/193 026 6	£1.47	IT/194 003 6	£4.73
IT/776 007 1(7)	55	IT/199 801 0	£11.34					IT/193 026 6	£1.47	IT/194 003 6	£4.73
IT/776 008 1(7)	55	IT/199 801 0	£11.34					IT/193 026 6	£1.47	IT/194 003 6	£4.73
IT/776 010 1	55	IT/199 801 0	£11.34					IT/193 026 6	£1.47	IT/194 003 6	£4.73
IT/778 101 1(7)	50	IT/199 801 0	£11.34					IT/193 026 6	£1.47	IT/194 003 6	£4.73
IT/776 020 1(7)	55	IT/199 801 0	£11.34					IT/193 026 6	£1.47	IT/194 003 6	£4.73
IT/956 003 03	11,20										
IT/ST/AG 001(7)	27	IT/199 031 0	£6.62	IT/ST/SW03	£11.20	IT/193 370 0	£1.47	IT/193 060 0	£0.95	IT/194 008 0	£1.89
IT/ST/ML 001(7)	47	IT/ST/SW01	£10.92					IT/HS/01	£0.95	IT/HK/3	£0.95
IT/ST/PH 001(7)	35					IT/TS/01	£2.10			IT/TK/01	£3.05
IT/ST/PH 011(7)	35					IT/TS/01	£2.10			IT/TK/01	£3.05



Hex key		Gauge		Locking Wedge		Spacer Set		
								
Product Ref.	Price	Product Ref.	Price	Product Ref.	Price	Product Ref.	Price	Product Ref.
IT/194 003 6	£4.73			IT/199 403 0	£11.34			IT/734 030 1(7)
IT/194 003 6	£4.73			IT/199 403 0	£11.34			IT/734 035 1(7)
								IT/741 001 1(7)
								IT/741 004 1(7)
								IT/741 005 1(7)
								IT/741 006 1(7)
								IT/742 031 1(7)
								IT/742 032 1(7)
								IT/742 033 1(7)
								IT/742 034 1(7)
								IT/742 027 1(7)
								IT/742 037 1(7)
								IT/742 047 1(7)
IT/194 020 0	£1.47							IT/751 010 1(7)
		IT/760 110 0	£3.05					IT/751 010 1(7)
		IT/760 110 0	£3.05					IT/751 105 1(7)
		IT/760 110 0	£3.05					IT/751 106 1(7)
		IT/760 110 0	£3.05					IT/751 108 1(7)
		IT/760 110 0	£3.05					IT/751 110 1(7)
		IT/760 110 0	£3.05					IT/751 112 1(7)
		IT/760 110 0	£3.05					IT/751 115 1(7)
		IT/760 110 0	£3.05					IT/751 120 1(7)
		IT/760 110 0	£3.05					IT/751 125 1(7)
		IT/760 110 0	£3.05					IT/751 130 1(7)
						IT/192 693 0(7)	£29.82	IT/752 030 1(7)
						IT/192 693 0(7)	£29.82	IT/752 033 1(7)
								IT/752 109 1(7)
								IT/752 110 1(7)
								IT/752 210 1(7)
								IT/752 410 1(7)
								IT/752 428 1(7)
								IT/752 435 1(7)
								IT/752 440 1(7)
								IT/752 445 1(7)
								IT/752 450 1(7)
								IT/752 510 1(7)
								IT/752 515 1(7)
								IT/752 603 1(7)
								IT/752 604 1(7)
								IT/752 605 1(7)
								IT/752 606 1(7)
								IT/752 608 1(7)
								IT/752 610 1(7)
								IT/752 612 1(7)
								IT/752 615 1(7)
								IT/752 620 1(7)
								IT/776 006 1(7)
								IT/776 007 1(7)
								IT/776 008 1(7)
								IT/776 010 1
								IT/778 101 1(7)
								IT/776 020 1(7)
						IT/192 060 0 (20mm Bore)	£9.03	IT/956 003 03
		IT/760 102 5	£3.05					IT/ST/AG 001(7)
								IT/ST/ML 001(7)
								IT/ST/PH 001(7)
								IT/ST/PH 011(7)

PRODUCT REFERENCE INDEX

Product Ref.	£	Page	Product Ref.	£	Page	Product Ref.	£	Page	Product Ref.	£	Page
IT/1910230	19.85	49,89	IT/1927941	2.52	90	IT/1990920	11.34	98	IT/3108910	20.37	38,39
IT/1910237	19.85	49,89	IT/1927947	2.52	90	IT/1990925	11.34	98	IT/3108910L	20.37	38
IT/1915401	31.71	39,42	IT/1927951	6.62	90	IT/1990930	12.29	98	IT/3108915	24.00	39
IT/1915407	31.71	39,42	IT/1927957	6.62	90	IT/1990940	13.23	98	IT/3108920	30.00	39
IT/1915420	31.71	40	IT/1930265	0.95	96,98	IT/1990950	14.18	98	IT/3108925	34.50	39
IT/1915427	31.71	40	IT/1930266	1.47	96,98	IT/1990960	14.18	98	IT/3108930	39.00	39
IT/1923500	0.95	96	IT/1930267	0.95	98	IT/1990970	12.29	98	IT/3108944	21.00	42
IT/1923600	0.95	96	IT/1930280	1.47	96	IT/1990980	12.81	98	IT/3108946	21.00	42
IT/1925100	8.51	89	IT/1930300	1.89	96	IT/1990990	13.23	98	IT/3108947	21.00	42
IT/1925107	8.51	89	IT/1930310	4.73	96	IT/1994030	11.34	99	IT/3108949	24.00	42
IT/1925810	18.90	89	IT/1930351	0.95	12	IT/1994031	11.34	97	IT/3108950	27.00	42
IT/1925820	19.85	89	IT/1930414	1.47	12	IT/1998010	11.34	98	IT/3108952	27.50	42
IT/1925830	20.79	89	IT/1930494	0.95	96	IT/1998040	9.45	98	IT/3108953	38.00	42
IT/1925840	21.74	89	IT/1930495	0.95	98	IT/3000400	15.44	40	IT/3108954	41.00	42
IT/1925850	22.68	89	IT/1930600	0.95	96,98	IT/3000402	9.35	40	IT/3108955	44.00	42
IT/1925860	27.41	89	IT/1930650	0.95	96,98	IT/3000403	9.66	40	IT/3108956	49.00	42
IT/1925870	28.35	89	IT/1933700	1.47	96,98	IT/3000528/10	30.77	30,32,36	IT/3111220/10	45.00	33
IT/1925880	29.30	89	IT/1934200	3.99	96	IT/3000531/10	51.03	30,31,37,52	IT/3124003	12.00	41
IT/1925890	30.77	89	IT/1934250	3.99	96	IT/3006506	21.74	40	IT/3124004	12.00	41
IT/1925900	22.05	89	IT/1934300	3.99	96	IT/3006508	21.74	40	IT/3124005	13.00	41
IT/1925910	36.86	89	IT/1940035	3.78	97,98	IT/3006510	21.74	40	IT/3124006	13.00	41
IT/1925920	24.15	89	IT/1940036	4.73	97,98,99	IT/3006512	23.84	40	IT/3124008	24.00	41
IT/1925930	28.35	89	IT/1940080	1.89	12,97,98	IT/3006515	24.47	40	IT/3124010	27.00	41
IT/1925940	29.40	89	IT/1940200	1.47	99	IT/3006520	27.20	40	IT/3124012	28.00	41
IT/1925950	31.50	89	IT/1941015	2.84	97	IT/3007507/10	25.52	25	IT/3124015	39.00	41
IT/1925960	32.55	89	IT/1941020	4.73	12	IT/3007509/10	35.00	25,26,28	IT/3124020	41.00	41
IT/1926110	2.10	90	IT/1941060	6.20	97	IT/3008501/10	55.00	25,26,27,28,53	IT/3300050	13.23	76
IT/1926117	2.10	90	IT/1941100	1.89	97	IT/3008502/10	25.52	25,26,27,28,53	IT/3300060	21.74	85
IT/1926120	2.10	90	IT/1950840	7.35	12	IT/3008503/10	20.37	25,27,29,31,35	IT/3300140	9.00	56
IT/1926127	2.10	90	IT/1950850	7.35	12	IT/3008504/10	65.00	25	IT/3300150	20.48	76
IT/1926150	5.15	90	IT/1963523	8.09	12	IT/3008505/10	74.00	25	IT/3300160	28.35	85
IT/1926157	5.15	90	IT/1963524	10.40	12	IT/3101220/10	20.37	34	IT/3300240	9.00	56
IT/1926160	2.10	90	IT/1990230	6.20	96	IT/3101230/10	20.37	30,34	IT/3300250	20.48	76
IT/1926167	2.10	90	IT/1990275	8.09	96	IT/3101250/10	30.77	30,31,34,36,37	IT/3300340	9.00	56
IT/1926170	2.10	90	IT/1990310	6.62	96,98	IT/3107220/10	49.00	52	IT/3300350	20.48	76
IT/1926177	2.10	90	IT/1990312	6.62	96	IT/3107512/10	30.77	25,26,27,28	IT/3300360	28.35	86
IT/1926180	2.42	90	IT/1990320	6.62	96	IT/3108140	29.00	29	IT/3300440	9.00	56
IT/1926187	2.42	90	IT/1990326	6.62	98	IT/3108310	26.00	49	IT/3300450	20.48	76
IT/1926190	16.59	97	IT/1990327	4.20	98	IT/3108311	26.00	49	IT/3300460	28.35	86
IT/1926197	16.59	97	IT/1990330	6.62	96	IT/3108312	26.00	49	IT/3300540	9.00	56
IT/1926787	36.86	97	IT/1990335	6.62	98	IT/3108501	49.00	46	IT/3300550	20.48	76
IT/1926797	44.42	97	IT/1990336	9.03	96	IT/3108507	22.00	45	IT/3300640	9.00	56
IT/1926900	14.18	97	IT/1990337	9.03	98	IT/3108549	36.00	43	IT/3300650	20.48	76
IT/1926901	2.10	90	IT/1990372	9.66	98	IT/3108550	24.00	43	IT/3300660	28.35	86
IT/1926907	14.18	97	IT/1990373	6.62	98	IT/3108551	42.00	46	IT/3300740	9.00	56
IT/1926910	15.65	97	IT/1990385	6.62	98	IT/3108552	44.00	46	IT/3300750	20.48	76
IT/1926911	2.10	90	IT/1990402	9.00	96	IT/3108582	20.00	54	IT/3300840	9.00	57
IT/1926917	15.65	97	IT/1990425	7.56	98	IT/3108656	33.00	48	IT/3300850	20.48	76
IT/1926920	20.79	97	IT/1990450	8.51	98	IT/3108666	33.00	48	IT/3300860	28.35	86
IT/1926921	2.10	90	IT/1990460	7.56	96	IT/3108676	33.00	48	IT/3300940	9.00	57
IT/1926927	20.79	97	IT/1990461	7.56	98	IT/3108686	33.00	48	IT/3300950	20.48	77
IT/1926930	29.82	97,99	IT/1990465	6.62	98	IT/3108870	44.00	44	IT/3300960	28.35	86
IT/1926931	2.36	90	IT/1990466	7.14	98	IT/3108871	49.50	44	IT/3301040	9.00	57
IT/1926935	5.20	90	IT/1990480	7.56	96	IT/3108901	17.54	38	IT/3301050	20.48	77
IT/1926937	29.82	97,99	IT/1990485	8.51	98	IT/3108901L	17.54	38	IT/3301060	28.35	86
IT/1926941	2.10	90	IT/1990486	7.56	98	IT/3108902	17.54	38	IT/3301140	9.00	57
IT/1926951	2.10	90	IT/1990495	7.56	98	IT/3108902L	17.54	38	IT/3301150	20.48	77
IT/1926961	3.05	90	IT/1990501	9.03	96	IT/3108903	17.54	38,39	IT/3301160	28.35	87
IT/1926971	3.05	90	IT/1990502	9.03	96	IT/3108903L	17.54	38	IT/3301240	9.00	57
IT/1926975	5.67	90	IT/1990503	9.45	96	IT/3108904	17.54	38,39	IT/3301250	20.48	77
IT/1926980	36.86	97	IT/1990504	9.45	96	IT/3108904L	17.54	38	IT/3301260	28.35	87
IT/1926981	5.15	90	IT/1990505	10.92	96	IT/3108905	17.54	38,39	IT/3301340	9.00	57
IT/1926990	44.42	97	IT/1990506	11.34	96	IT/3108905L	17.54	38	IT/3301350	20.48	77
IT/1926991	7.56	90	IT/1990510	7.14	96	IT/3108906	17.54	38,39	IT/3301440	9.00	57
IT/1926992	15.65	90	IT/1990800	4.94	98	IT/3108906L	17.54	38	IT/3301450	20.48	77
IT/1927911	2.52	90	IT/1990810	3.99	98	IT/3108907	17.54	38	IT/3301540	9.00	57
IT/1927917	2.52	90	IT/1990820	4.73	96	IT/3108907L	17.54	38	IT/3301550	20.48	77
IT/1927921	2.52	90	IT/1990830	5.15	96	IT/3108908	17.54	38,39	IT/3301640	9.00	58
IT/1927927	2.52	90	IT/1990850	9.45	98	IT/3108908L	17.54	38	IT/3301642	38.30	58
IT/1927935	6.09	90	IT/1990860	10.92	98	IT/3108909	17.54	38	IT/3301650	20.48	77
IT/1927937	6.09	90	IT/1990910	10.92	98	IT/3108909L	17.54	38	IT/3301660	28.35	87

PRODUCT REFERENCE INDEX

Product Ref.	£	Page	Product Ref.	£	Page	Product Ref.	£	Page	Product Ref.	£	Page
IT/3301740	9.00	58	IT/3305940	9.00	63	IT/3309242	38.30	67	IT/3370243	55.00	51
IT/3301742	38.30	58	IT/3305950	20.48	80	IT/3309340	9.00	67	IT/3370340	21.00	51
IT/3301750	20.48	77	IT/3306040	9.00	63	IT/3309440	9.00	67	IT/3370343	55.00	51
IT/3301840	9.00	58	IT/3306050	20.48	80	IT/3309540	9.00	67	IT/3370440	21.00	51
IT/3301850	20.48	78	IT/3306140	9.00	63	IT/3309640	9.00	68	IT/3370443	55.00	51
IT/3301940	9.00	58	IT/3306150	20.48	80	IT/3309740	9.00	68	IT/3370540	21.00	51
IT/3301950	20.48	78	IT/3306240	9.00	63	IT/3309742	38.30	68	IT/3370543	55.00	51
IT/3301960	28.35	87	IT/3306250	20.48	81	IT/3309840	9.00	68	IT/3370640	21.00	51
IT/3302040	9.00	58	IT/3306340	9.00	63	IT/3309940	9.00	68	IT/3370643	55.00	51
IT/3302050	20.48	78	IT/3306350	20.48	81	IT/330BL60	15.65	88	IT/3380180	99.00	88
IT/3302060	28.35	87	IT/3306440	9.00	64	IT/3310040	9.00	68	IT/3380280	99.00	88
IT/3302140	9.00	58	IT/3306450	20.48	81	IT/3310042	32.40	68	IT/3380380	99.00	88
IT/3302160	28.35	87	IT/3306540	9.00	64	IT/3310140	9.00	68	IT/3380480	99.00	88
IT/3302240	9.00	58	IT/3306550	20.48	81	IT/3310240	9.00	68	IT/3400050	11.34	76
IT/3302250	20.48	78	IT/3306640	9.00	64	IT/3310340	9.00	68	IT/3400060	23.10	85
IT/3302340	9.00	58	IT/3306642	32.40	64	IT/3310440	9.00	69	IT/3400140	8.50	56
IT/3302350	20.48	78	IT/3306650	20.48	81	IT/3310540	9.00	69	IT/3400150	17.12	76
IT/3302440	9.00	59	IT/3306740	9.00	64	IT/3310640	9.00	69	IT/3400160	23.10	85
IT/3302450	20.48	78	IT/3306750	20.48	81	IT/3310740	9.00	69	IT/3400240	8.50	56
IT/3302540	9.00	59	IT/3306840	9.00	64	IT/3310840	9.00	69	IT/3400250	17.12	76
IT/3302640	9.00	59	IT/3306850	20.48	81	IT/3310940	9.00	69	IT/3400340	8.50	56
IT/3302740	9.00	59	IT/3306940	9.00	64	IT/3311040	9.00	69	IT/3400350	17.12	76
IT/3302840	9.00	59	IT/3306950	20.48	81	IT/3311140	9.00	69	IT/3400360	23.10	86
IT/3302940	9.00	59	IT/3307040	9.00	64	IT/3311240	9.00	70	IT/3400440	8.50	56
IT/3303040	9.00	59	IT/3307050	20.48	81	IT/3311340	9.00	70	IT/3400450	17.12	76
IT/3303140	9.00	59	IT/3307140	9.00	64	IT/3311440	9.00	70	IT/3400460	23.10	86
IT/3303240	9.00	60	IT/3307150	20.48	82	IT/3311540	9.00	70	IT/3400540	8.50	56
IT/3303340	9.00	60	IT/3307240	9.00	65	IT/3311640	9.00	70	IT/3400550	17.12	76
IT/3303440	9.00	60	IT/3307250	20.48	82	IT/3311740	9.00	70	IT/3400640	8.50	56
IT/3303540	9.00	60	IT/3307340	9.00	65	IT/3311840	9.00	70	IT/3400650	17.12	76
IT/3303640	9.00	60	IT/3307350	20.48	82	IT/3311940	9.00	70	IT/3400660	23.10	86
IT/3303740	9.00	60	IT/3307440	9.00	65	IT/3311942	32.40	70	IT/3400740	8.50	56
IT/3303840	9.00	60	IT/3307450	20.48	82	IT/3312040	9.00	71	IT/3400750	17.12	76
IT/3303940	9.00	60	IT/3307540	9.00	65	IT/3312140	9.00	71	IT/3400840	8.50	57
IT/3304040	9.00	61	IT/3307542	38.30	65	IT/3312240	9.00	71	IT/3400850	17.12	76
IT/3304140	9.00	61	IT/3307550	20.48	82	IT/3312340	9.00	71	IT/3400860	23.10	86
IT/3304150	20.48	78	IT/3307640	9.00	65	IT/3312440	9.00	71	IT/3400940	8.50	57
IT/3304240	9.00	61	IT/3307650	20.48	82	IT/3312540	9.00	71	IT/3400950	17.12	77
IT/3304250	20.48	78	IT/3307740	9.00	65	IT/3312640	9.00	71	IT/3400960	23.10	86
IT/3304340	9.00	61	IT/3307750	20.48	82	IT/3312740	9.00	71	IT/3401040	8.50	57
IT/3304350	20.48	78	IT/3307840	9.00	65	IT/3312840	9.00	72	IT/3401050	17.12	77
IT/3304440	9.00	61	IT/3307850	20.48	82	IT/3312940	9.00	72	IT/3401060	23.10	86
IT/3304450	20.48	79	IT/3307940	9.00	65	IT/3313040	9.00	72	IT/3401140	8.50	57
IT/3304540	9.00	61	IT/3307950	20.48	82	IT/3313140	9.00	72	IT/3401150	17.12	77
IT/3304550	20.48	79	IT/3308040	9.00	66	IT/3313240	9.00	72	IT/3401160	23.10	87
IT/3304640	9.00	61	IT/3308050	20.48	83	IT/3313340	9.00	72	IT/3401240	8.50	57
IT/3304650	20.48	79	IT/3308140	9.00	66	IT/3313440	9.00	72	IT/3401250	17.12	77
IT/3304740	9.00	61	IT/3308150	20.48	83	IT/3313540	9.00	72	IT/3401260	23.10	87
IT/3304750	20.48	79	IT/3308240	9.00	66	IT/3313640	14.00	73	IT/3401340	8.50	57
IT/3304840	9.00	62	IT/3308250	20.48	83	IT/3313740	14.00	73	IT/3401350	17.12	77
IT/3304850	20.48	79	IT/3308340	9.00	66	IT/3313840	14.00	73	IT/3401440	8.50	57
IT/3304940	9.00	62	IT/3308342	38.30	66	IT/3313940	14.00	73	IT/3401450	17.12	77
IT/3304950	20.48	79	IT/3308350	20.48	83	IT/3314040	14.00	73	IT/3401540	8.50	57
IT/3305040	9.00	62	IT/3308440	9.00	66	IT/3314140	14.00	73	IT/3401550	17.12	77
IT/3305050	20.48	79	IT/3308442	38.30	66	IT/3317040	9.00	73	IT/3401640	8.50	58
IT/3305140	9.00	62	IT/3308450	20.48	83	IT/3317140	9.00	73	IT/3401650	17.12	77
IT/3305150	20.48	79	IT/3308540	9.00	66	IT/3317240	9.00	74	IT/3401660	23.10	87
IT/3305240	9.00	62	IT/3308550	20.48	83	IT/3317340	9.00	74	IT/3401740	8.50	58
IT/3305250	20.48	79	IT/3308640	9.00	66	IT/3317440	9.00	74	IT/3401750	17.12	77
IT/3305340	9.00	62	IT/3308650	20.48	83	IT/3317540	9.00	74	IT/3401840	8.50	58
IT/3305350	20.48	80	IT/3308740	9.00	66	IT/3317640	9.00	74	IT/3401850	17.12	78
IT/3305440	9.00	62	IT/3308750	20.48	83	IT/3317740	9.00	74	IT/3401940	8.50	58
IT/3305450	20.48	80	IT/3308840	9.00	67	IT/3319140	5.90	56	IT/3401950	17.12	78
IT/3305540	9.00	62	IT/3308850	20.48	83	IT/3321142	32.40	74	IT/3401960	23.10	87
IT/3305550	20.48	80	IT/3308940	9.00	67	IT/3321242	32.40	74	IT/3402040	8.50	58
IT/3305640	9.00	63	IT/3308950	20.48	84	IT/3350046	7.56	84	IT/3402050	17.12	78
IT/3305650	20.48	80	IT/3309040	9.00	67	IT/3370040	21.00	50	IT/3402060	23.10	87
IT/3305740	9.00	63	IT/3309042	38.30	67	IT/3370043	55.00	50	IT/3402140	8.50	58
IT/3305750	20.48	80	IT/3309140	9.00	67	IT/3370140	21.00	50	IT/3402160	23.10	87
IT/3305840	9.00	63	IT/3309142	38.30	67	IT/3370143	55.00	50	IT/3402240	8.50	58
IT/3305850	20.48	80	IT/3309240	9.00	67	IT/3370240	21.00	51	IT/3402250	17.12	78

PRODUCT REFERENCE INDEX

Product Ref.	£	Page	Product Ref.	£	Page	Product Ref.	£	Page	Product Ref.	£	Page
IT/3402340	8.50	58	IT/3406650	17.12	81	IT/3411340	8.50	70	IT/7070251	121.80	24
IT/3402350	17.12	78	IT/3406740	8.50	64	IT/3411440	8.50	70	IT/7070257	121.80	24
IT/3402440	8.50	59	IT/3406750	17.12	81	IT/3411540	8.50	70	IT/7070311	72.77	24
IT/3402450	17.12	78	IT/3406840	8.50	64	IT/3411640	8.50	70	IT/7070317	72.77	24
IT/3402540	8.50	59	IT/3406850	17.12	81	IT/3411740	8.50	70	IT/7070341	76.55	24
IT/3402640	8.50	59	IT/3406940	8.50	64	IT/3411840	8.50	70	IT/7070347	76.55	24
IT/3402740	8.50	59	IT/3406950	17.12	81	IT/3411940	8.50	70	IT/7070371	79.80	24
IT/3402840	8.50	59	IT/3407040	8.50	64	IT/3412040	8.50	71	IT/7070377	79.80	24
IT/3402940	8.50	59	IT/3407050	17.12	81	IT/3412140	8.50	71	IT/7070401	80.54	24
IT/3403040	8.50	59	IT/3407140	8.50	64	IT/3412240	8.50	71	IT/7070407	80.54	24
IT/3403140	8.50	59	IT/3407150	17.12	82	IT/3412340	8.50	71	IT/7070431	92.19	24
IT/3403240	8.50	60	IT/3407240	8.50	65	IT/3412440	8.50	71	IT/7070437	92.19	24
IT/3403340	8.50	60	IT/3407250	17.12	82	IT/3412540	8.50	71	IT/7070461	97.34	24
IT/3403440	8.50	60	IT/3407340	8.50	65	IT/3412640	8.50	71	IT/7070467	97.34	24
IT/3403540	8.50	60	IT/3407350	17.12	82	IT/3412740	8.50	71	IT/7070491	108.15	24
IT/3403640	8.50	60	IT/3407440	8.50	65	IT/3412840	8.50	72	IT/7070497	108.15	24
IT/3403740	8.50	60	IT/3407450	17.12	82	IT/3412940	8.50	72	IT/7070521	135.56	24
IT/3403840	8.50	60	IT/3407540	8.50	65	IT/3413040	8.50	72	IT/7070527	135.56	24
IT/3403940	8.50	60	IT/3407550	17.12	82	IT/3413140	8.50	72	IT/7075204	71.82	54
IT/3404040	8.50	61	IT/3407640	8.50	65	IT/3413240	8.50	72	IT/7075254	99.00	54
IT/3404140	8.50	61	IT/3407650	17.12	82	IT/3413340	8.50	72	IT/7101361	150.00	85
IT/3404150	17.12	78	IT/3407740	8.50	65	IT/3413440	8.50	72	IT/7101367	150.00	85
IT/3404240	8.50	61	IT/3407750	17.12	82	IT/3413540	8.50	72	IT/7120901	42.65	91
IT/3404250	17.12	78	IT/3407840	8.50	65	IT/3413640	11.00	73	IT/7120907	42.65	91
IT/3404340	8.50	61	IT/3407850	17.12	82	IT/3413740	11.00	73	IT/7120911	44.20	91
IT/3404350	17.12	78	IT/3407940	8.50	65	IT/3413840	11.00	73	IT/7120917	44.20	91
IT/3404440	8.50	61	IT/3407950	17.12	82	IT/3413940	11.00	73	IT/7120921	45.70	91
IT/3404450	17.12	79	IT/3408040	8.50	66	IT/3414040	11.00	73	IT/7120927	45.70	91
IT/3404540	8.50	61	IT/3408050	17.12	83	IT/3414140	11.00	73	IT/7120931	48.70	91
IT/3404550	17.12	79	IT/3408140	8.50	66	IT/3417040	8.50	73	IT/7120937	48.70	91
IT/3404640	8.50	61	IT/3408150	17.12	83	IT/3417140	8.50	73	IT/7120941	190.00	91
IT/3404650	17.12	79	IT/3408240	8.50	66	IT/3417240	8.50	74	IT/7120947	190.00	91
IT/3404740	8.50	61	IT/3408250	17.12	83	IT/3417340	8.50	74	IT/7210041	128.00	25
IT/3404750	17.12	79	IT/3408340	8.50	66	IT/3417440	8.50	74	IT/7210047	128.00	25
IT/3404840	8.50	62	IT/3408350	17.12	83	IT/3417540	8.50	74	IT/7210051	132.83	25
IT/3404850	17.12	79	IT/3408440	8.50	66	IT/3417640	8.50	74	IT/7210057	132.83	25
IT/3404940	8.50	62	IT/3408450	17.12	83	IT/3417740	8.50	74	IT/7210061	140.39	25
IT/3404950	17.12	79	IT/3408540	8.50	66	IT/3419140	4.50	56	IT/7210067	140.39	25
IT/3405040	8.50	62	IT/3408550	17.12	83	IT/3421140	20.79	74	IT/7210071	223.02	25
IT/3405050	17.12	79	IT/3408640	8.50	66	IT/3421240	20.79	74	IT/7210077	223.02	25
IT/3405140	8.50	62	IT/3408650	17.12	83	IT/3450046	4.73	84	IT/7210091	241.40	25
IT/3405150	17.12	79	IT/3408740	8.50	66	IT/3470040	17.50	50	IT/7210097	241.40	25
IT/3405240	8.50	62	IT/3408750	17.12	83	IT/3470140	17.50	50	IT/7210131	108.26	25
IT/3405250	17.12	79	IT/3408840	8.50	67	IT/3470240	17.50	51	IT/7210137	108.26	25
IT/3405340	8.50	62	IT/3408850	17.12	83	IT/3470340	17.50	51	IT/7210141	116.76	25
IT/3405350	17.12	80	IT/3408940	8.50	67	IT/3470440	17.50	51	IT/7210147	116.76	25
IT/3405440	8.50	62	IT/3408950	17.12	84	IT/3470540	17.50	51	IT/7210151	123.38	25
IT/3405450	17.12	80	IT/3409040	8.50	67	IT/3470640	17.50	51	IT/7210157	123.38	25
IT/3405540	8.50	62	IT/3409140	8.50	67	IT/3480180	78.00	88	IT/7210161	118.13	25
IT/3405550	17.12	80	IT/3409240	8.50	67	IT/3480280	78.00	88	IT/7210167	118.13	25
IT/3405640	8.50	63	IT/3409340	8.50	67	IT/3480380	78.00	88	IT/7210171	123.38	25
IT/3405650	17.12	80	IT/3409440	8.50	67	IT/3480480	78.00	88	IT/7210177	123.38	25
IT/3405740	8.50	63	IT/3409540	8.50	67	IT/6001060	17.54	55	IT/7210181	128.00	25
IT/3405750	17.12	80	IT/3409640	8.50	68	IT/6001061	23.10	55	IT/7210187	128.00	25
IT/3405840	8.50	63	IT/3409740	8.50	68	IT/6001062	26.99	55	IT/7210204	103.53	53
IT/3405850	17.12	80	IT/3409840	8.50	68	IT/7070011	66.68	24	IT/7210254	189.53	54
IT/3405940	8.50	63	IT/3409940	8.50	68	IT/7070017	66.68	24	IT/7210301	89.78	40
IT/3405950	17.12	80	IT/340BL60	11.87	88	IT/7070041	66.68	24	IT/7210307	89.78	40
IT/3406040	8.50	63	IT/3410040	8.50	68	IT/7070047	66.68	24	IT/7210311	89.78	40
IT/3406050	17.12	80	IT/3410140	8.50	68	IT/7070071	68.57	24	IT/7210317	89.78	40
IT/3406140	8.50	63	IT/3410240	8.50	68	IT/7070077	68.57	24	IT/7210321	89.78	40
IT/3406150	17.12	80	IT/3410340	8.50	68	IT/7070101	71.82	24	IT/7210327	89.78	40
IT/3406240	8.50	63	IT/3410440	8.50	69	IT/7070107	71.82	24	IT/7210331	112.04	40
IT/3406250	17.12	81	IT/3410540	8.50	69	IT/7070131	75.60	24	IT/7210337	112.04	40
IT/3406340	8.50	63	IT/3410640	8.50	69	IT/7070137	75.60	24	IT/7210341	120.96	40
IT/3406350	17.12	81	IT/3410740	8.50	69	IT/7070161	81.27	24	IT/7210347	120.96	40
IT/3406440	8.50	64	IT/3410840	8.50	69	IT/7070167	81.27	24	IT/7210351	129.47	40
IT/3406450	17.12	81	IT/3410940	8.50	69	IT/7070191	86.00	24	IT/7210357	129.47	40
IT/3406540	8.50	64	IT/3411040	8.50	69	IT/7070197	86.00	24	IT/7210361	139.44	40
IT/3406550	17.12	81	IT/3411140	8.50	69	IT/7070221	94.08	24	IT/7210367	139.44	40
IT/3406640	8.50	64	IT/3411240	8.50	70	IT/7070227	94.08	24	IT/7210371	149.63	40

PRODUCT REFERENCE INDEX

Product Ref.	£	Page	Product Ref.	£	Page	Product Ref.	£	Page	Product Ref.	£	Page
IT/7210377	149.63	40	IT/7410041	211.26	46	IT/7526037	124.32	41	IT/90103206	135.14	8,21
IT/7210381	168.21	40	IT/7410047	211.26	46	IT/7526041	124.32	41	IT/90103256	144.48	10,21
IT/7210387	168.21	40	IT/7410051	251.90	46	IT/7526047	124.32	41	IT/90103806	55.65	9,20
IT/7220011	283.50	26,92	IT/7410057	251.90	46	IT/7526051	133.25	41	IT/9010385E	57.75	9,20
IT/7220017	283.50	26,92	IT/7410061	228.27	46	IT/7526057	133.25	41	IT/90103956	57.75	9,20
IT/7220021	235.31	26	IT/7410067	228.27	46	IT/7526061	133.25	41	IT/90104006	60.90	9,20
IT/7220027	235.31	26	IT/7420071	244.23	49	IT/7526067	133.25	41	IT/90104106	72.24	9,20
IT/7220031	246.65	26	IT/7420077	244.23	49	IT/7526081	153.62	41	IT/90104206	77.81	9,20
IT/7220037	246.65	26	IT/7420271	151.73	49	IT/7526087	153.62	41	IT/90104306	87.68	9,20
IT/7220041	257.99	26	IT/7420277	151.73	49	IT/7526101	153.62	41	IT/90104406	94.29	9,21
IT/7220047	257.99	26	IT/7420311	140.81	48	IT/7526107	153.62	41	IT/90104506	107.00	9,21
IT/7220051	300.09	26	IT/7420317	140.81	48	IT/7526121	153.62	41	IT/90104606	122.96	9,21
IT/7220057	300.09	26	IT/7420321	140.81	48	IT/7526127	153.62	41	IT/90104636	183.65	9,21
IT/7220071	267.96	34	IT/7420327	140.81	48	IT/7526151	168.21	41	IT/90104706	66.15	10,20
IT/7220077	267.96	34	IT/7420331	140.81	48	IT/7526157	168.21	41	IT/90104726	71.93	10,20
IT/7220081	330.75	28	IT/7420337	140.81	48	IT/7526201	179.13	41	IT/90104756	66.15	10,20
IT/7220087	330.75	28	IT/7420341	140.81	48	IT/7526207	179.13	41	IT/90104806	77.81	10,20
IT/7220091	348.29	28	IT/7420347	140.81	48	IT/7601025	3.05	97,99	IT/90104856	83.27	10,20
IT/7220097	348.29	28	IT/7420371	151.73	49	IT/7601055	3.05	97	IT/90104906	93.77	10,20
IT/7220101	313.32	26	IT/7420377	151.73	49	IT/7601100	3.05	99	IT/90104956	100.91	10,21
IT/7220107	313.32	26	IT/7420471	151.73	49	IT/7760061	61.85	55	IT/90105006	115.29	10,21
IT/7220111	356.27	28	IT/7420477	151.73	49	IT/7760067	61.85	55	IT/90105106	130.73	10,21
IT/7220117	356.27	28	IT/7510101	206.01	52	IT/7760071	72.77	55	IT/90105176	197.40	10,21
IT/7220121	376.64	28	IT/7510107	206.01	52	IT/7760077	72.77	55	IT/90105203	55.65	9,20
IT/7220127	376.64	28	IT/7511031	125.69	42	IT/7760081	72.77	55,91	IT/90105303	55.65	9,20
IT/7220161	379.89	28	IT/7511037	125.69	42	IT/7760087	72.77	55,91	IT/90105323	55.65	9,20
IT/7220167	379.89	28	IT/7511051	125.69	42	IT/7760101	95.03	55	IT/90105456	75.60	9,20
IT/7220171	407.30	28	IT/7511057	125.69	42	IT/7760107	72.77	55	IT/90105506	72.45	9,20
IT/7220177	407.30	28	IT/7511061	125.69	42	IT/7760201	72.77	55	IT/90105706	83.27	9,20
IT/7220301	386.09	27	IT/7511067	125.69	42	IT/7781011	139.00	50	IT/90105806	98.18	9,20
IT/7220307	386.09	27	IT/7511081	135.14	42	IT/7781017	139.00	50	IT/90105906	118.55	9,21
IT/7220321	310.49	34	IT/7511087	135.14	42	IT/90100306	40.85	6,20	IT/90106006	141.75	9,21
IT/7220327	310.49	34	IT/7511101	135.14	42	IT/90100406	42.53	6,20	IT/90106036	163.80	9,21
IT/7220331	352.49	34	IT/7511107	135.14	42	IT/90100506	50.72	6,20	IT/90106066	57.75	10,20
IT/7220337	352.49	34	IT/7511121	146.48	42	IT/90100606	56.28	6,20	IT/90106076	66.15	10,20
IT/7330041	128.00	31	IT/7511127	146.48	42	IT/90100706	63.42	6,21	IT/90106086	79.80	10,20
IT/7330047	128.00	31	IT/7511151	154.56	42	IT/90100806	71.19	6,21	IT/90106106	83.27	10,20
IT/7330051	146.48	31	IT/7511157	154.56	42	IT/90100846	80.01	6,21	IT/90106126	84.53	10,20
IT/7330057	146.48	31	IT/7511201	188.58	42	IT/90100856	97.65	6,21	IT/90106206	97.65	10,20
IT/7330061	161.60	31	IT/7511207	188.58	42	IT/90100956	50.19	7,20	IT/90106306	127.37	10,21
IT/7330067	161.60	31	IT/7511251	218.30	42	IT/90101006	59.54	7,20	IT/90106406	151.62	10,21
IT/7331021	91.67	30,92	IT/7511257	218.30	42	IT/90101046	63.42	7,20	IT/90106416	175.35	10,21
IT/7331027	91.67	30,92	IT/7511301	231.53	42	IT/90101086	63.42	7,21	IT/90107036	111.93	14,20
IT/7331031	103.53	30	IT/7511307	231.53	42	IT/90101106	69.51	7,21	IT/90107066	120.75	14,20
IT/7331037	103.53	30	IT/7520301	639.00	38	IT/90101136	80.01	7,21	IT/90107096	163.80	14,21
IT/7331051	89.25	30	IT/7520307	639.00	38	IT/90101156	81.59	7,21	IT/90110106	86.63	13,20
IT/7331057	89.25	30	IT/7520331	499.00	38	IT/90101166	112.46	7,21	IT/90110136	86.63	13,20
IT/7331061	89.25	30	IT/7520337	499.00	38	IT/90101186	135.66	7,21	IT/90110256	100.38	13,21
IT/7331067	89.25	30	IT/7521091	151.73	43	IT/90101306	37.80	8,20	IT/90110306	125.69	13,21
IT/7332011	71.30	30	IT/7521097	151.73	43	IT/9010131E	44.10	8,20	IT/90110656	72.24	13,20
IT/7332017	71.30	30	IT/7521101	180.08	43	IT/90101336	39.90	8,20	IT/90110856	100.38	13,21
IT/7333021	76.13	30	IT/7521107	180.08	43	IT/90101406	42.00	8,20	IT/90120206	66.15	6,20
IT/7333027	76.13	30	IT/7522101	197.00	29	IT/90101506	47.25	8,20	IT/90120306	66.15	6,20
IT/7334051	240.00	33	IT/7522107	197.00	29	IT/90101606	50.19	8,20	IT/90120506	80.54	6,21
IT/7334057	240.00	33	IT/7524101	319.41	39	IT/90101706	60.17	8,20	IT/90120606	80.54	6,21
IT/7335101	280.00	32	IT/7524107	319.41	39	IT/90101796	72.24	8,21	IT/90120906	92.09	6,21
IT/7335107	280.00	32	IT/7524281	166.85	39	IT/90101806	73.40	8,21	IT/90121106	92.09	6,21
IT/7340141	266.49	36	IT/7524287	166.85	39	IT/90101906	82.22	8,21	IT/90140606	83.27	7,20
IT/7340147	266.49	36	IT/7524351	188.58	39	IT/90102006	112.46	8,21	IT/90200806	81.59	15,20
IT/7340151	180.08	36	IT/7524357	188.58	39	IT/90102056	133.98	8,21	IT/90200857	100.38	15,20
IT/7340157	180.08	36	IT/7524401	188.58	39	IT/90102103	33.60	8,20	IT/90200906	107.00	15,20
IT/7340161	302.93	36	IT/7524407	188.58	39	IT/90102203	40.85	8,20	IT/90200957	113.09	15,21
IT/7340167	302.93	36	IT/7524451	188.58	39	IT/90102213	38.85	8,20	IT/90201006	118.02	15,21
IT/7340171	315.21	36,92	IT/7524457	188.58	39	IT/90102506	60.90	8,20	IT/90201106	141.75	15,21
IT/7340177	315.21	36,92	IT/7524501	188.58	39	IT/90102606	57.96	8,20	IT/90202443	61.95	15,20
IT/7340301	351.12	37	IT/7524507	188.58	39	IT/90102636	62.90	8,20	IT/90202496	81.90	15,20
IT/7340307	351.12	37	IT/7525101	242.45	44	IT/90102706	68.36	8,20	IT/90202566	82.95	15,20
IT/7340351	362.88	37	IT/7525107	242.45	44	IT/90102806	84.42	8,21	IT/90202706	95.45	15,20
IT/7340357	362.88	37	IT/7525151	292.01	44	IT/90102906	93.77	8,21	IT/90202756	107.52	15,20
IT/7410011	120.50	45	IT/7525157	292.01	44	IT/90102986	135.66	10,21	IT/90202806	113.09	15,20
IT/7410017	120.50	45	IT/7526031	124.32	41	IT/90103006	126.84	8,21	IT/90202856	125.69	15,21

PRODUCT REF. INDEX

CONVERSION CHART

Product Ref.	£	Page	Product Ref.	£	Page	Product Ref.	£	Page
IT/90202857	125.69	15,21	IT/9551106S	208.95	19,20	IT/95610404	233.73	12,20
IT/90202906	136.71	15,21	IT/9551109M	269.01	18,21	IT/9561040Z	99.23	12
IT/90202956	145.01	15,21	IT/9553104S	152.15	19,20	IT/95620303	233.73	12,20
IT/90203006	152.78	15,21	IT/9553105U	174.00	19,21	IT/B62X114	53.45	35
IT/90203406	152.78	15,21	IT/9553110T	142.80	18,21	IT/B62X30	18.90	35
IT/90204006	156.56	15,21	IT/95531156	160.97	18,21	IT/BUSH/31830	10.92	89
IT/90204106	168.21	15,21	IT/9553115R	166.53	18,21	IT/HK/3	0.95	98
IT/90204206	206.75	15,21	IT/9553115T	166.53	18,21	IT/HS/01	0.95	98
IT/90250106	113.40	16,20	IT/9553115U	169.26	19,21	IT/SB/9010016	93.45	8,21
IT/90250206	144.90	16,21	IT/9553116U	225.54	19,21	IT/SB/9010026	103.95	9,21
IT/90250306	160.65	16,21	IT/9553121U	233.73	19,21	IT/SB/9020017	183.75	15,21
IT/90250406	199.50	16,21	IT/9553123R	165.38	18,21	IT/SB/9120016	76.65	7,20
IT/90250506	235.20	16,21	IT/9553123U	179.24	19	IT/SB/9120026	86.10	7,20
IT/90250606	297.15	16,21	IT/95531256	161.60	18,21	IT/SB/9120036	71.40	7,21
IT/90254006	133.35	16,20	IT/9553125T	166.01	18,21	IT/SB/9120046	98.70	7,21
IT/90254306	165.90	16,21	IT/9553130U	189.00	19,21	IT/ST/AG001	459.00	27
IT/90254506	178.50	16,21	IT/95531306	178.08	18,21	IT/ST/AG007	459.00	27
IT/90256006	191.10	16,21	IT/9553130T	181.44	18,21	IT/ST/BL04	36.90	88
IT/90256036	211.05	16,21	IT/9553132U	183.02	19,21	IT/ST/HSSB01	22.26	75
IT/90256066	288.75	16,21	IT/9553135U	190.79	19,21	IT/ST/HSSB02	29.82	84
IT/90302606	82.22	14,20	IT/9553140R	208.95	18,21	IT/ST/HSSB03	49.60	88
IT/90302706	100.38	14,20	IT/9553150T	206.22	18,21	IT/ST/HSSB04	71.00	88
IT/90302806	117.50	14,21	IT/9553150U	206.22	19,21	IT/ST/IB01	40.95	47
IT/90302816	114.14	14,21	IT/9553155T	235.41	18,21	IT/ST/ML001	242.45	47
IT/90302856	142.28	14,21	IT/95531606	200.13	18,21	IT/ST/ML007	242.45	47
IT/90302906	142.28	14,21	IT/9553160U	208.95	19,21	IT/ST/PH001	122.85	35
IT/90303006	158.76	14,21	IT/9553170R	223.34	18,21	IT/ST/PH007	122.85	35
IT/90600093	79.38	11,20	IT/9553170U	223.34	19,21	IT/ST/PH011	218.82	35
IT/90600103	79.38	11,20	IT/9553175T	253.05	18,21	IT/ST/PH017	218.82	35
IT/90600104	79.38	11,20	IT/95531776	253.00	19,21	IT/ST/SET001	167.79	75
IT/90600303	84.42	11,20	IT/9553178U	271.22	19,21	IT/ST/SET007	167.79	75
IT/90600304	84.42	11,20	IT/9553185R	221.66	18,21	IT/ST/SS001	769.00	92
IT/90600403	84.42	11,20	IT/95531906	223.00	19,21	IT/ST/SS007	769.00	92
IT/90600404	84.42	11,20	IT/9553195R	240.35	18,21	IT/ST/SW01	10.92	98
IT/90600413	87.15	11,20	IT/9553205R	286.00	18,21	IT/ST/SW02	11.34	96
IT/90600414	87.15	11,20	IT/95532309	259.14	19,21	IT/ST/SW03	11.20	98
IT/90600443	87.15	11,20	IT/9553230Z	269.01	18,21	IT/ST/TCI01	4.50	27
IT/90600444	87.15	11,20	IT/9553232Z	308.70	18,21	IT/TK/01	3.05	98
IT/90600453	87.15	11,20	IT/9553301R	305.97	18,21	IT/TS/01	2.10	98
IT/90600454	87.15	11,20	IT/9553350S	211.16	19,21	TPF100	699.00	95
IT/90600513	87.15	11,20	IT/9553423U	186.20	19,21	TSM50/3/114	4499.00	95
IT/90600514	87.15	11,20	IT/95600303	112.46	11,20	TSM50/3/30	4499.00	95
IT/90600693	87.15	11,20	IT/95600304	112.46	11,20	TSM50/55/114	4499.00	95
IT/90600694	87.15	11,20	IT/95600453	105.84	11,20	TSM50/55/30	4499.00	95
IT/90801106	57.33	7,20	IT/95600454	105.84	11,20	TSM50/ASF	409.00	95
IT/90801206	92.09	7,20	IT/9560079M	110.88	18,20	TSM50/FTE	589.00	95
IT/90801306	80.01	7,20	IT/9560195C	110.88	19,20	TSM50/MTS	619.00	95
IT/90801506	97.65	7,21	IT/9560195M	118.55	18,20	TSM50/TH	239.00	95
IT/90801706	111.41	7,21	IT/9560210M	115.00	18	TSM50/TT	179.00	95
IT/91201426	42.00	7,20	IT/9560215C	115.29	18,20			
IT/91204116	66.15	7,20	IT/9560216M	119.07	18,20			
IT/91205456	74.55	7,20	IT/9560261M	141.00	18,20			
IT/95004106	86.63	9,20	IT/9560261S	133.46	19,20			
IT/95004306	107.00	9,20	IT/9560261U	169.26	19			
IT/95004406	115.29	9,21	IT/95602623	135.14	20			
IT/95004506	130.73	9,21	IT/95602653	133.46	18,19,20			
IT/95004806	94.29	10,20	IT/9560265S	133.46	19,20			
IT/95004906	115.29	10,20	IT/9560268M	148.00	18,20			
IT/95004956	123.48	10,21	IT/9560270N	140.60	18,20			
IT/95005006	140.07	10,21	IT/9560280N	158.24	18,20			
IT/95005706	102.59	9,20	IT/95610103	225.54	12,20			
IT/95005806	119.70	9,20	IT/9561010Z	90.41	12			
IT/95005906	145.01	9,21	IT/95610303	233.73	20			
IT/95006106	109.20	10,20	IT/95610304	233.73	12,20			
IT/95006206	127.89	10,20	IT/9561030Z	99.23	12			
IT/95006306	147.74	10,21	IT/95610403	233.73	12,20			

ENVIRONMENTAL

We are committed to reducing the impact of our products to the environment through design and process. The re-use of recycled materials reduces the demand for raw materials and helps prevent environmental pollution. Packaging and used products should be sorted for environmentally friendly recycling. We comply with all applicable laws and regulations and strive to minimise waste generation, re-use and recycle materials where possible. Please see our website for more information and also www.recycle-more.co.uk

© 2012 Trend Machinery & Cutting Tools Ltd. All rights reserved. No part of this publication may be reproduced or transmitted without prior permission. Trend Machinery & Cutting Tools Ltd. cannot be held liable for any material rendered unusable, or for any form of consequential loss. E & OE © All Trademarks Acknowledged.

Inches	32nd	mm
1/64		0.5
1/32		1
3/64		1.5
5/64		2
3/32		2.5
7/64		3
1/8		3.5
9/64		4
5/32		4.5
11/64		5
3/16		5.5
13/64		6
7/32		6.5
15/64		7
1/4		7.5
17/64		8
9/32		8.5
19/64		9
5/16		9.5
21/64		10
11/32		10.5
23/64		11
3/8		11.5
25/64		12
13/32		12.5
27/64		13
7/16		13.5
29/64		14
15/32		14.5
31/64		15
1/2		15.5
33/64		16
17/32		16.5
35/64		17
9/16		17.5
37/64		18
19/32		18.5
39/64		19
5/8		19.5
41/64		20
21/32		20.5
43/64		21
11/16		21.5
45/64		22
23/32		22.5
47/64		23
3/4		23.5
49/64		24
25/32		24.5
51/64		25
13/16		25.5
53/64		26
27/32		26.5
55/64		27
7/8		27.5
57/64		28
29/32		28.5
59/64		29
15/16		29.5
61/64		30
31/32		30.5
63/64		31
1		31.5
1/64		32
1/32		32.5
3/64		33
1/16		33.5
5/64		34
3/32		34.5
7/64		35
11/8		35.5
9/64		36
5/32		36.5
11/64		37
3/16		37.5
13/64		38
7/32		38.5
15/64		39
11/4		39.5
17/64		
9/32		
19/64		
5/16		
21/64		
11/32		
23/64		
13/8		
25/64		
13/32		
27/64		
7/16		
29/64		
15/32		
31/64		
11/2		
33/64		
17/32		
35/64		

Other Trend Catalogues & Website

Routing & Woodworking

Includes 4000 precision engineered and innovative products, which include router cutters, power tools, router tables, jigs, sawblades and a wide range of routing accessories.

Ref. **CAT/1**



Modular Window System

Various window styles, one machine, one set-up. Make wooden windows quickly and accurately on a spindle moulder with minimum set-up time.

Ref. **CAT/MWS**



Industrial Tooling Machinery

Includes top of the range Spindle Moulder, Thickness Planer, Surface Planer, Knife Systems and Jointing Systems.

Ref. **CAT/IT/MACH**



CNC SMART Machines

Computer controlled routing technology, offering high performance machines for a wide variety of applications.

Ref. **LEAF/CNC/BR**



Please phone 01923 249911 or visit www.trend-uk.com

for your free catalogue requests and details of your nearest Industrial Tooling Centre.

Trend Website

We have developed and expanded various features of our website including online videos, power search, catalogue viewing, projects and our extensive knowledge base.



- **Power Search** Our website now features a more sophisticated search engine facility. By entering a keyword, product reference or phrase, the entire contents of our website can be searched.



- **Online Videos** View Trend video clips featuring products from across our range. They can also be accessed from within each product page on our website.



- **Projects** With 36 easy to follow step by step guides to make your own routing projects including tables, shelves, TV stands etc.



- **Knowledge Base** Full of hints, tips, advice on jig-making and routing techniques.



- **Instructions & Manuals** Download PDF's of all our instructions, manuals, spare parts, wiring diagrams and look up charts.



- **eNews** Subscribe to our monthly eNews for latest new products and promotions available from our stockists.



www.trend-uk.com

Other Trend Catalogues

Modular Window System

Various window styles, one machine, one set-up. Make wooden windows quickly and accurately on a spindle moulder with minimum set-up time.

Ref. **CAT/MWS**



Routing & Woodworking

Includes 4000 precision engineered and innovative products, which include router cutters, power tools, router tables, jigs, sawblades and a wide range of routing accessories.

Ref. **CAT/1**



Industrial Tooling Machinery

Includes top of the range Spindle Moulder, Thickness Planer, Surface Planer, Knife Systems and Jointing Systems.

Ref. **CAT/IT/MACH**



CNC SMART Machines

Computer controlled routing technology, offering high performance machines for a wide variety of applications.

Ref. **LEAF/CNC/BR**



Available from:



Head Office:
Trend Machinery & Cutting Tools Ltd.
Odhams Trading Estate St Albans Road
Watford WD24 7TR England
Tel: 0044(0)1923 249911
Fax: 0044(0)1923 236879
technical@trendm.co.uk
www.trend-uk.com

Colin Peacock
Tel: 07779 803704
peacockc@trendm.co.uk

Ian Small
Tel: 07989 329404
smalli@trendm.co.uk