



EN847-1
EN847-2



Quality Manufacturing

Dimar manufacturing includes state-of-the-art facilities housing some of the most advanced technology, machines and production processes in the industry. Production complies or exceeds industry standards via accredited quality assurance systems. Every step of our manufacturing process conforms to rigorous quality controls; from raw materials to the finished product; promising consistent high quality throughout.

R&D Powerhouse

At Dimar, the future is in capable hands. Our dedicated in-house engineering team represents a powerhouse of knowledge in all disciplines associated with the research, development and production of superior cutting tools for industrial applications. Our innovative, agile outlook ensures we're continually moving forward, developing new products and improving upon existing technologies.

New Product Cycle

Defining the Need: Dimar's deep understanding of the global cutting tool industry drives our new product development process. New tool structure and design has always been a direct result of our ability to assess industry wants and needs.

Raw Materials Experts: Advanced raw material technologies, procured from the world's foremost materials manufacturers, is critical to our success. Dimar also develops its own proprietary grades of carbide.

Advanced Testing: Dimar's purpose-built R&D laboratory allows our engineers and tech experts to accurately monitor and test all new product designs.

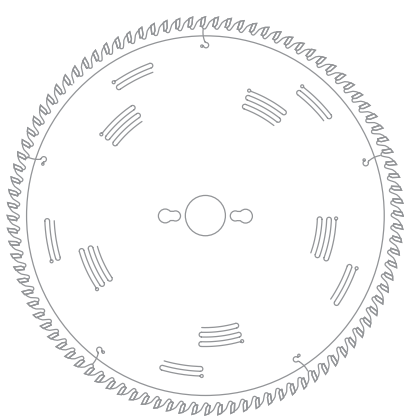
Custom Solutions

Sometimes customers require creative, tailor-made cutting tool solutions. Utilizing purpose-built machines, Dimar can offer customized designs made to tight tolerances with application-specific carbide grades and geometries as an engineered solution. We work closely with our customers to ensure we're delivering the best tailor-made or modified tool solution for their specific needs.

Table of Contents

Introduction

General Information	1	-	3
Featured New Products	4	-	5

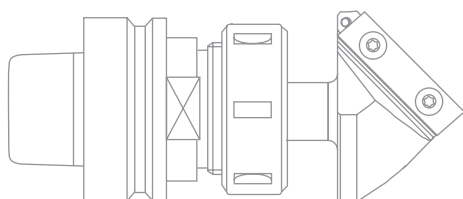


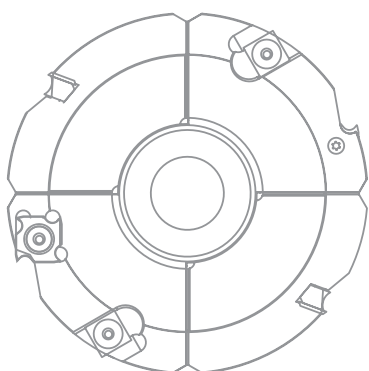
Saw Blades

Technical Information	8	-	13
Dimar Saw Blades Selection Guide	9	-	10
 Diamond (PCD) Saws NEW	14	-	16
Solid Wood	17	-	21
Particle & Laminate Boards	22	-	27
Panel Sizing Machines	28	-	30
Scoring Saws	31	-	32
Plastic	33		
Cutting Profile & Bars	34	-	36
Saw blade for track saw	37		
Quick Selection Guide	38	-	43

CNC

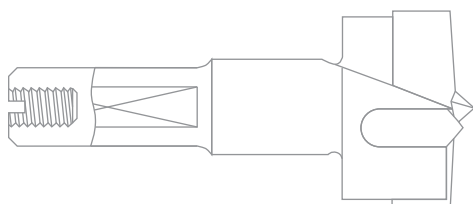
Technical Information	50	-	53
 Diamond (PCD) tool NEW	54	-	60
Grooving & Sizing	61	-	79
DnamicX2 NEW	61		
Profiling & Chamfering	80	-	89
Door Frame & Panel	90	-	110
Jointing & Rebating	111		
Carving	112	-	116
Clamping Systems & Adapters	117	-	118





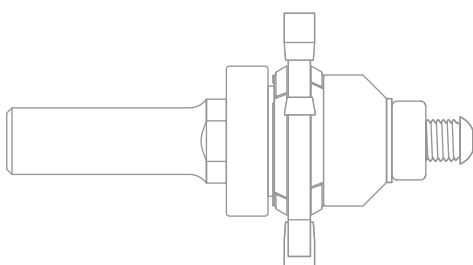
Cutters

Technical Information	124	-	127
Diamond (PCD) tool NEW	128	-	130
Grooving	131	-	138
Rebating	139	-	140
Planing Heads	141	-	144
Profiling	145	-	157
Jointing	158	-	161
Door Frame & Panel	162	-	173
Biscuit Jointer Cutter	160	-	161
Multi Profile System	174	-	189



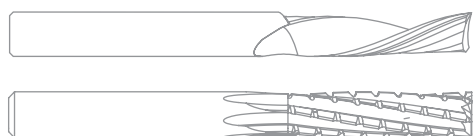
Drills

Technical Information	194	-	
CNC & Automatic Drilling Machines	195	-	208
Multi-Purpose Boring	208		210
Countersinks & Plug Maker	211	-	219
Dirose	220	-	221



Router Bits

Technical Information	227		
DnamicX2 NEW	228	-	
Grooving & Sizing	228	-	250
Profiling & Chamfering	251	-	303
Jointing & Rebating	304	-	310
Door Frame & Panel	311	-	319
Drills for Routers	319		
Carving	320		
Ball Bearings	321		322



Advanced Materials

Plastic	327	-	336
Solid Surface Materials	337	-	340
Aluminum	350	-	357
Composite Tools	358	-	357

Index by catalog numbers	359	-	376
--------------------------	-----	---	-----

Featured New Products

Dimar has developed new tool technologies designed to offer outstanding solutions for a range of CNC applications.

Diamond Tools (PCD)

NEW



Dimar now offers our customers a selection of PCD tools for operations that require high durability, long-life cutting quality and reliability. We also provide expert custom- made PCD solutions and prototyping services - according to customer requirements.

Application: For CNC operation on man-made wood board, plastic, solid surfaces, hard wood and soft wood.

Page 14, 54, 128

DnamicX2

NEW



The Ultimate in Router Bits! New generation long-lasting straight router bits specially engineered for increased tool life up to 10 times! Uses ultra-submicron tungsten carbide technology.

Application: For manual routing and CNC operation on man-made wood board, plastic, solid surfaces, hard wood and soft wood.

Page 61, 228

Spoilboard Surfacing Router

NEW

Three family groups: for man- made board, non-penetrating, for solid wood, non-penetrating and for all types of wood, penetrating (6mm).

Application: For planing, solid wood and man-made board, and spoilboard surfacing operations.



Page 74-79

Round Over Point Cutting

NEW



Expanding our tool range to fit market demands, we've added a special round over center point cutting with replaceable knives.

Application: For manual routing and CNC operation on man-made wood board, plastic, solid surfaces, hard wood and soft wood.

Page 95

Small Adjustable Chamfer Cutter

NEW



Clever adaptation of one of our most popular tools, now for smaller CNC machines or manual routers working in smaller sizes.

Application: For all types of wood. Adjustable angle from 90° to -45° in a step of 7.5°. For diameters, less than 48 mm.

Page 81

ACM Tooling Package

NEW



A tooling package designed for use with Aluminum Composite Materials (ACM) such as Alucobond®. Suited to a variety of machines and applications. Tools fit in all machines types and technologies. Replaceable knives for max. accuracy.

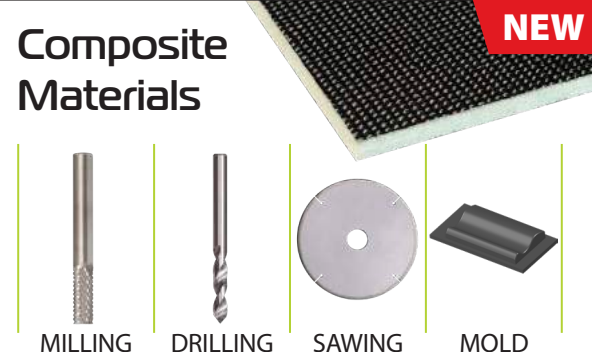
Application: For manual routing and CNC operation, manual circular saw and table saw machines to create banding slots in ACM.



Page 354

Composite Materials

NEW



Dimar recognizes the challenges of machining composite materials and has developed a group of tools that offer clean-cut solutions for these demanding materials.

Multi Flute Tool Design

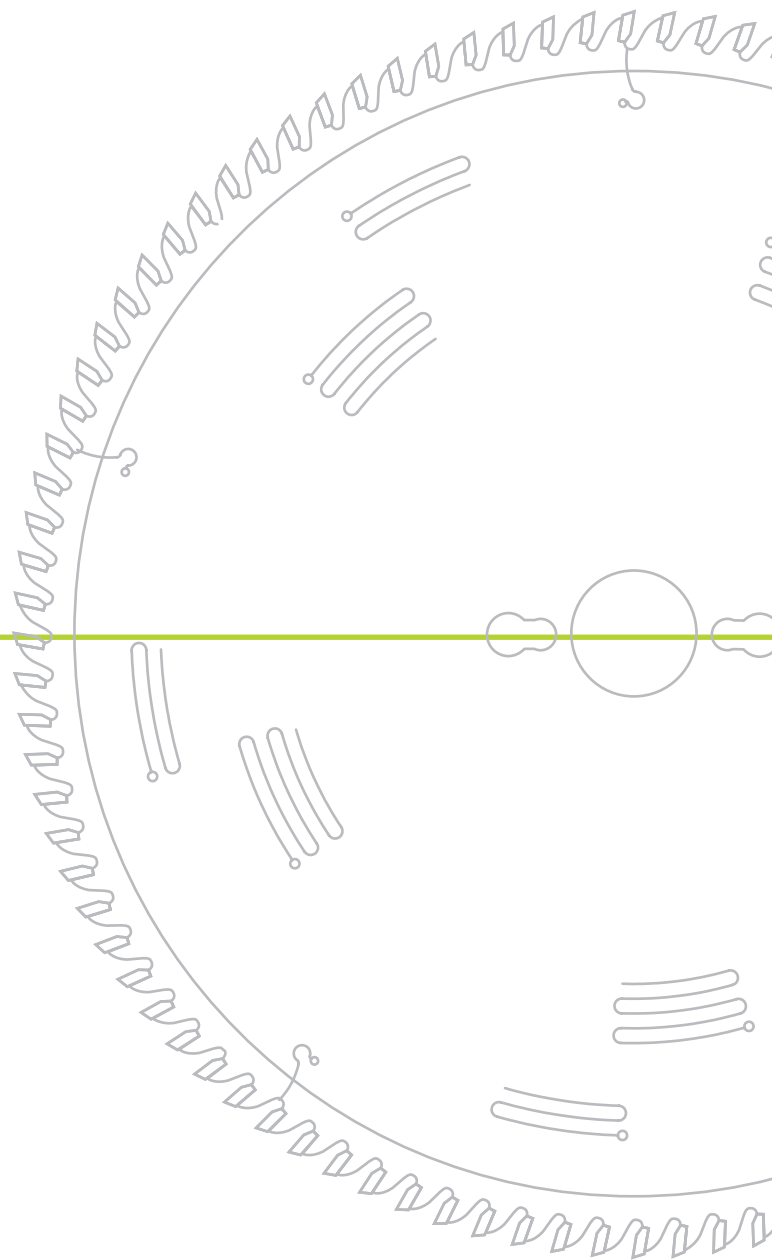
- Ideal for thin composite materials, reduces delamination risks.
- Significantly increases tool life and finished part quality.

Part Penetration

- Special tool-end geometry allows penetration of the part the moment it begins operating.
- Multiple tool flutes limit chip out-flow during initial penetration, using a spiral motion.

Page 358

Saw Blades



Offering a comprehensive range of quality saw blades for all industrial applications has established Dimar as a global leader in this field. Our saw blades feature the following important characteristics:

- Advanced grades of carbide best suited to cutting requirements
- Manufacture by fully automated, high-precision grinding machines
- Unique technology to ensure superior straightening, balancing and tension
- Special micro-coating applied by electrostatic processing
- Selected saw blades are offered using Polycrystalline Diamond (PCD) tool technology,



for ultra-hard-wearing, long-life cutting quality and reliability

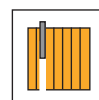
Dimar saw blades deliver optimum performance, superior cutting and proven prolonged tool life.

Saw Blades

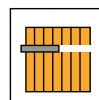
Saw Blades INDEX



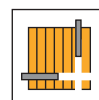
Technical Information	8	-	13
Dimar Saw Blades Selection Guide	9	-	10
 Diamond (PCD) tool NEW	14	-	16
Solid Wood	17	-	21
Particle & Laminate Boards	22	-	27
Panel Sizing Machines	28	-	30
Scoring Saws	31	-	32
Plastic	33		
Cutting Profile & Bars	34	-	36
Saw blade for track saw	37		
Quick Selection Guide	38	-	43



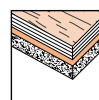
Solid Wood
Along the Grain



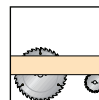
Solid Wood
Across the Grain



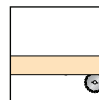
Solid Wood
Miter Joint



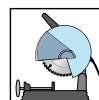
Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

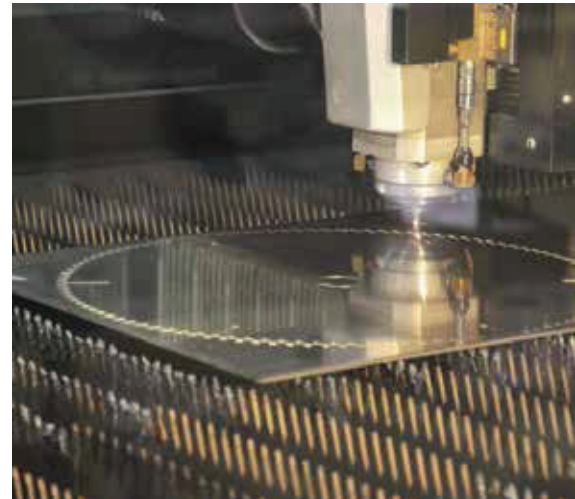
Saw Blades

Technical Information

Saw Blades

Dimar is proud to introduce a complete range of carbide tipped sawblades manufactured to the highest possible standards of precision. Our blades are utilized in the most demanding applications for woodworking, plastic and nonferrous materials. The blades are produced in a highly-automated, state-of-the-art facility. Engineered with oversized, sub-micron carbide tips, our blades provide extended life and optimal performance required by the most demanding industrial user.

Products are sold worldwide under the Dimar brand as well as to leading OEM companies. Building on our cumulative experience since 1960 has allowed us to develop a supply chain that meets the needs of local markets as well as the demands of large global organizations. Our reputation is based on manufacturing high quality industrial products, delivering real solutions to the market and offering outstanding customer service.



Dimar manufactures a comprehensive line of sawblades suitable for machines within a wide range of industrial applications. Our production processes utilize the most advanced technology available. Raw materials are of the highest possible grades, procured from recognized global suppliers.

Important Features of the Dimar Saw Blade Range:

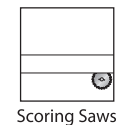
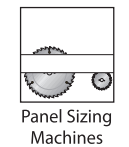
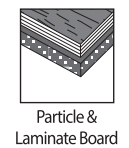
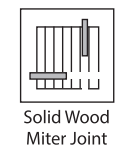
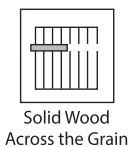
Highest Quality Steel: Premium steel supplied by leading European producers with superior alloys specifically optimized for use as saw bodies.

Laser Cutting: All Dimar sawblades are exclusively cut by laser for the highest possible precision on critical dimensions.

Expansion Slots: Optimal design of expansion slots are laser cut to reduce distortion resulting from heat and centrifugal forces. Our expansion slots are specifically designed to control noise caused by air turbulence during high speed rotation of the blade.

Arbor Holes: The central bore has a tight tolerance following DIN norm for H7 precision. Surface finish is controlled by a unique machining process resulting in an exceptional fit for high concentricity when mounted on the saw arbor. The chamfered edge provides smooth installation without damaging the saw body.

Copper Plugs: Many of our standard blades have copper plugs used to fill the expansion slot base hole, to further reduce vibration and noise.



Technical Information

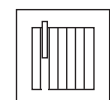
Starting Point Regular Saw **D_{MAX}** Cutting Length 200%

The diagram illustrates the progression of cutting length. It features three circular cross-sections of a material being cut. The first circle, labeled 'Starting Point', shows a clean cut. The second circle, labeled 'Regular Saw', shows a cut with a visible chip. The third circle, labeled '**D_{MAX}**', shows a cut with a significant chip. A red arrow below the circles points from left to right, indicating the direction of increasing cutting length. The arrow is labeled 'Cutting Length 200%' at the right end.

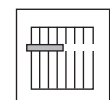
- Outstanding cut quality and surface finish
- Extended blade life over repeated sharpening
- Minimum vibration and noise characteristics
- Exceptional price-to-performance ratio



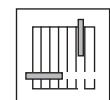
Saw Blades



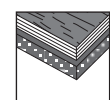
Solid Wood
Along the Grain



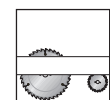
Solid Wood
Across the Grain



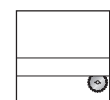
Solid Wood Miter Joint



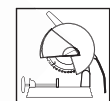
Particle & Laminate Board



Panel Sizing Machines



Scoring Saws



Cutting Profile & Bars

DMAX The Ultimate Saw blade

Under the DMAX brand, we have developed a superior family of products for maximum longevity when cutting man-made materials such as Plywood, Melamine and MDF. Unique properties of the DMAX saw blade include:

Ultrafine-grain Carbide: With significantly higher hardness Ultrafine-grain carbide provides the highest possible tool life and wear resistance, especially for laminated materials. The surface of each tooth is precision ground to the highest finishing standards to ensure a sharp cutting edge.

Precision Saw Body:

- o High precision body balanced to G6.3, to minimize vibration and provide a smooth cut.
- o Exclusive straightening process developed by Dimar engineers
- o Fully automated production results in a perfect blade every time
- o Blades are further tension adjusted for sawing man-made materials and exotic woods.

Carbides & Grinding: Using micro grain carbides for superior wear resistance, we achieve the highest level of saw tooth surface quality, to ensure maximum sharpness of the cutting edge.



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

DTOP DTOP is a specialized product range under the DMAX

brand specifically designed for sawing melamine boards; delivering an exceptionally clean cut in melamine material. It features special expansion slots, filled with thermal-plastic polyurethane, to significantly reduce noise and vibration.

DMAX+ Long Life Blades

DMAX+ long life saw blades are used for cutting MDF, HDF (coated/uncoated) as well as high quality clean chipboard. Teeth are produced from special ultrafine-grain quality carbide for extreme durability against erosion working with these materials. DMAX+ is intended for use with table saws and panel sizing machines. Straightening is maintained long term as a result of a unique straightening method which does not alter the structure of the saw body. Static balancing increases stability to best preserve machine bearings.

DMAX+ Long Life Blades

DMAX+ long life saw blades are used for cutting MDF, HDF (coated/uncoated) as well as high quality clean chipboard. Teeth are produced from special ultrafine-grain quality carbide for extreme durability against erosion working with these materials. DMAX+ is intended for use with table saws and panel sizing machines. Straightening is maintained long term as a result of a unique straightening method which does not alter the structure of the saw body. Static balancing increases stability to best preserve machine bearings.

DMAX Panel Sizing Blades

DMAX panel sizing blades yield optimum performance, utilizing advanced geometries to achieve exceptionally clean cuts and extended blade life.

Features include:

- Nano-size carbide grades for maximum cutting cycle
- Crisp, sharp cutting edges for precision grinding
- Heavier gauge body for high stability in the cut
- 10.5 mm carbide tips for prolonged life and more service cycles

DMAX Scoring Blades

DMAX scoring blades, used in various applications are available in three types:

- **DVF** Type: Straight grinding, long lasting carbide and kerf, adjusted by precision spacers.
- **DVK** Type: Conical grinding, long lasting carbide and kerf, adjusted by projection above the table.
- **D-Leader** Type: A unique patented scoring saw blade for quick adjustments

using a scale from 2.8mm to 3.6mm. Adjustments can be made while the blade remains mounted on the machine. D-Leader is available in 120mm or 125mm diameters, with either a 20mm or 25mm bore.



DVF

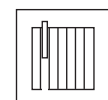


DVK

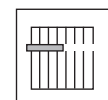


D-LEADER

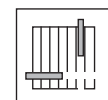
PATENTED



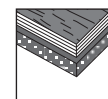
Solid Wood
Along the Grain



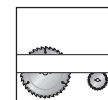
Solid Wood
Across the Grain



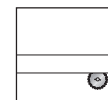
Solid Wood
Miter Joint



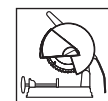
Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

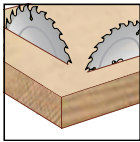
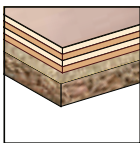
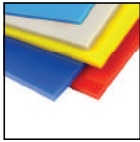


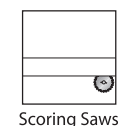
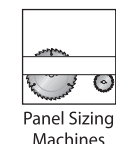
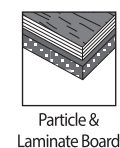
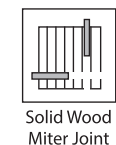
Cutting Profile
& Bars

Saw Blades

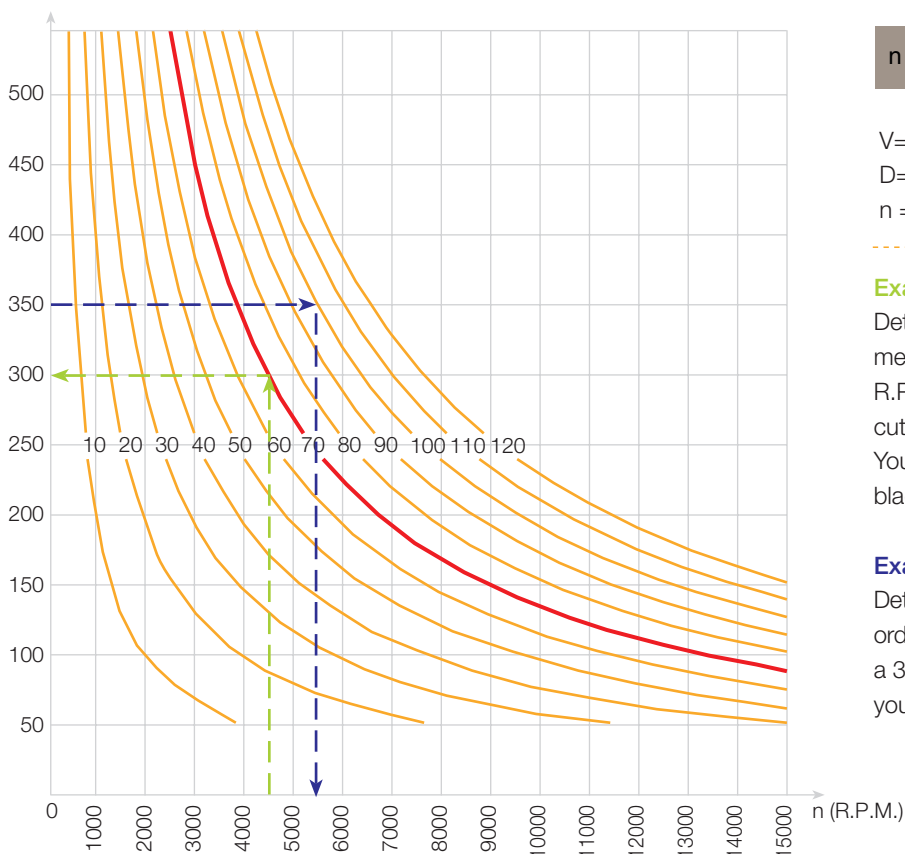
Technical Information

Saw Blades

Material	Cutting Direction	Cutting Speed (m/sec)
 Natural wood	Soft Wood	along across 60 -100 61 -100
	Hard Wood	along across 62 -100 63 -100
	Veneers	along across 64 -100 65 -100
 Boards	Plywoods	50 -80
	MDF	60 -100
	Particle Board With PVC Coating	60 -80
	Particle Board with Melamine Coating	61 -80
	Particle Board with Veneer Coating	62 -80
	High Pressure Laminated Particle Board	63 -80
	Soft Fiber Board	70 -100
 Plastic	Cemented Bonded Board	50 -80
	Hard Paper / Hard Fiber	45 -70
	Duroplastic Board, Corian	15 -50
	High Pressure Laminated Bakelite	30 -70
	Thermoplastic Profiles	50 -80
 Aluminum	Aluminum Profiles	40 -70



Determining Saw Blade Diameter or R.P.M.



$$n \text{ (rpm)} = \frac{1000 \cdot 60 \cdot V}{\pi D}$$

V= Speed $\frac{\text{m}}{\text{sec}}$
D=Diameter mm
n = Spindle R.P.M.

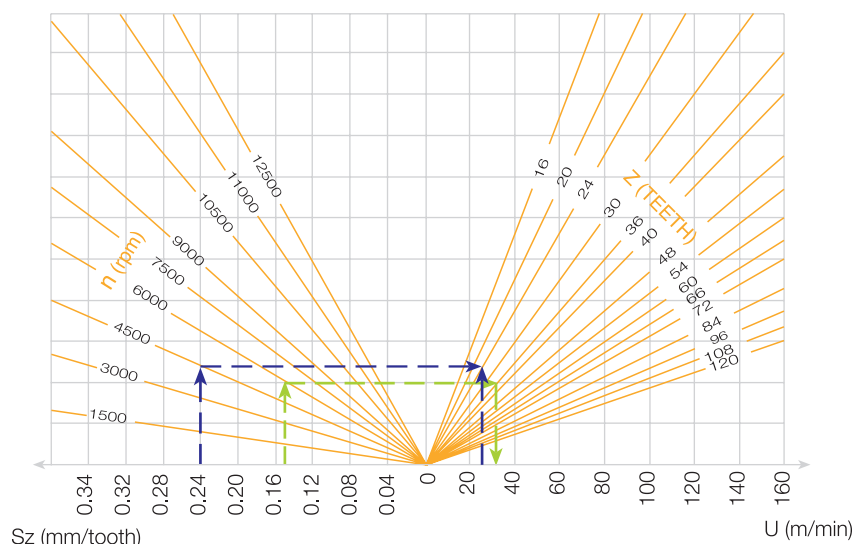
Example 1:

Determining the saw diameter to cut melamine coated chipboard with a 4500 R.P.M. diameter saw blade with 70 m/s cutting speed.
You should use a 300mm diameter saw blade.

Example 2:

Determining the r.p.m. to the machinery in order to cut at a speed of 100m/sec with a 350m saw.
you should work with 5,500 R.P.M.

Determining Number of Teeth / Finding Feed Rate



Example 1:

Determining Feed Rate

Solid wood - chip size 0.15

r.p.m. - 6000

Number of teeth - 36

You should use Feed Rate - 32m/min

Example 2:

Determining number of teeth

Solid wood - chip size 0.24

r.p.m. - 4500

Feed - 22m/min

Therefore the number of teeth - 24

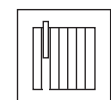
Recommended Feed Rates Sz (mm/tooth)

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

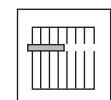
Saw Blade Flanges

Saw Blade Diameter	30mm	40mm	60mm	80mm	100mm	120mm	150mm
180 = <190	50/40	80/60	80/60	-	-	-	-
190 = <300	80/60	80/60	80/60	120/90	140/110	-	-
300 = <400	120/90	120/90	120/90	120/90	140/110	160/130	200/160
400 = <450	120/90	120/90	120/90	140/110	140/110	160/130	200/160
450 = <550	140/110	140/110	140/110	140/110	140/110	160/130	200/160
550 = <630	160/130	160/130	160/130	160/130	160/130	160/130	200/160
630 = <800	200/160	200/160	200/160	200/160	200/160	200/160	200/160

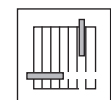
The size of the flange is determined by the saw blade diameter and bore diameter



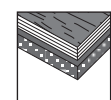
Solid Wood
Along the Grain



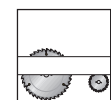
Solid Wood
Across the Grain



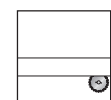
Solid Wood
Miter Joint



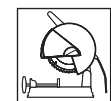
Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

Saw Blades

PCD

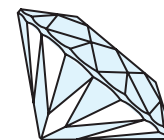
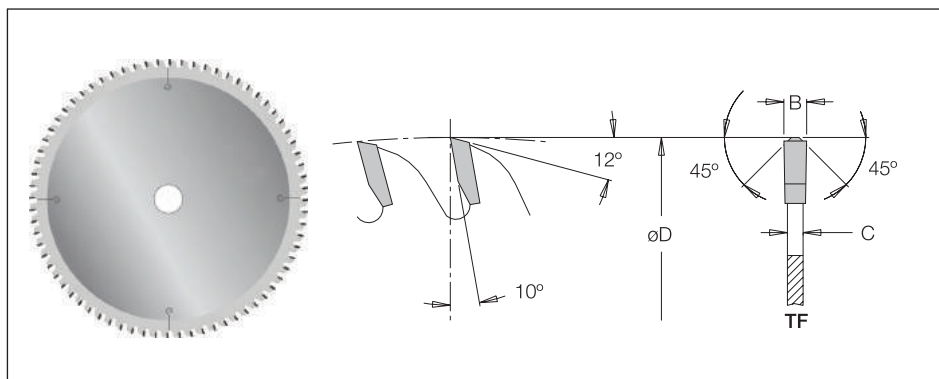


PCD - Saw Blades TF

NEW

Properties: High efficiency cutting saw blade. Diamond height $H=4.0\text{mm}$. For stationary, portable and CNC machines.

Application: Suitable for homogeneous, abrasive materials such as Trespa, Max, Corian, plastics, MDF, chipboard, etc.



øD	Teeth	Code No.	B	H	From	ød
250	60	2715.251.30	3.2	4	TF	30
	60	2715.301.31	3.2	4	TF	30
300	72	2715.301.30	3.2	4	TF	30
	96	2715.303.30 ■	3.2	4	TF	30
350	84	2715.350.30	3.5	4	TF	30
	108	2715.351.30 ■	3.5	4	TF	30

■ Available upon request



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

Saw Blades

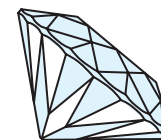
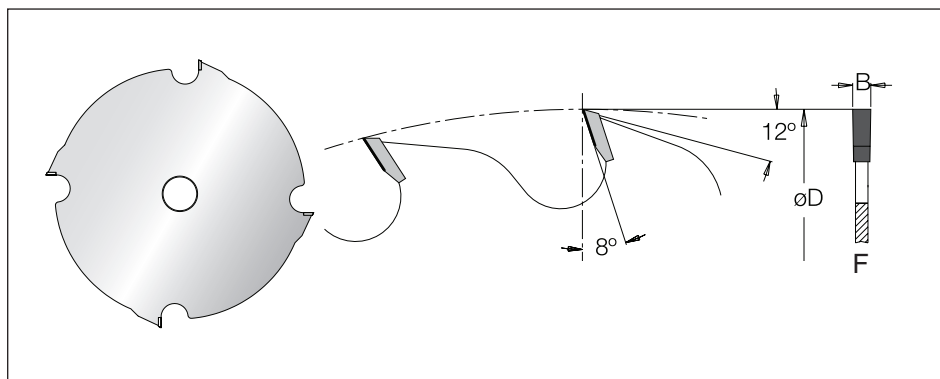
PCD

PCD - Saw Blades for Portable Machines

NEW

Properties: High efficiency saw blade. Diamond height H=4.0mm. For portable machines.

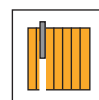
Application: Suitable for homogeneous, abrasive materials such as Trespa, Max, Corian, plastics, MDF, chipboard, etc.



øD	Teeth	Code No.	B	H	From	ød
160	4	2814.160.20	2.4	4	F	20
	8	2814.160.21	2.4	4	F	20
190	4	2814.190.20	2.4	4	F	20
	4	2814.190.30	2.4	4	F	30
	8	2814.190.21 ■	2.4	4	F	20
	8	2814.190.31	2.4	4	F	30
216	8	2814.216.31	2.4	4	F	30
250	6	2814.250.30	2.4	4	F	30
	12	2814.250.31	2.4	4	F	30

■ Available upon request

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

Saw Blades

PCD

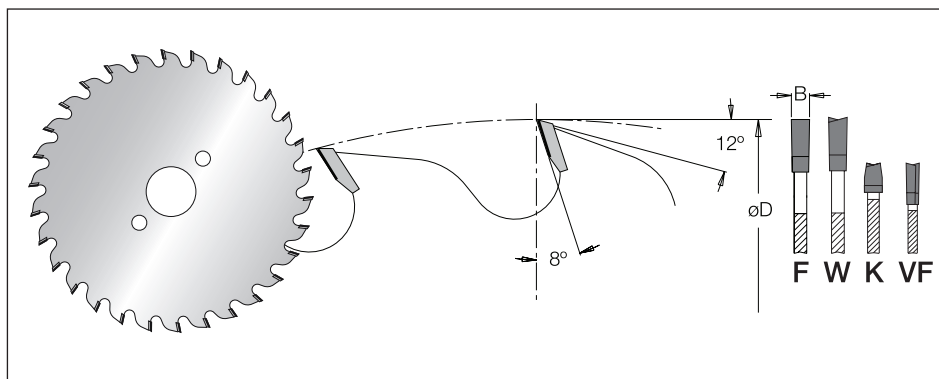


PCD - Scoring Saw Blades

NEW

Properties: Scoring saw blade. Diamond height H=4.0mm. For stationary sawing machines with scoring unit.

Application: Suitable for homogeneous, abrasive materials such as Trespa, Max, Corian, plastics, MDF, chipboard, etc.



øD	Teeth	Code No.	B	ød	From	H	
120	18	2833.120.22	3.35	22	F	4	Altendorf / Martin
125	18	2833.125.22	3.35	22	F	4	Altendorf / Martin
120	24	2833.120.20 ■	3.1 - 4.3	20	K	4	SCM / Maka / Holzer
125	24	2833.125.20	3.1 - 4.3	20	K	4	SCM / Maka / Holzer
120	12+12	2832.120.20 ■	2.8 - 3.6	20	VF	4	SCM / Maka / Holzer
125	12+12	2832.125.22	2.8 - 3.6	22	VF	4	Altendorf / Martin
180	24	2833.125.45 ■	4.4 - 5.2	45	K	4	Giben / Mayer / Homag
	24	2833.180.30 ■	4.4 - 5.2	30	K	4	Panhans
	36	2833.180.45	4.8 - 5.6	45	K	4	Holzma
200	36	2833.200.20	4.4 - 5.2	20	K	4	Schelling
	36	2833.200.45	4.4 - 5.2	45	K	4	Holzma / Homag
	36	2833.201.45	4.8 - 5.6	45	K	4	Holzma / Homag
	36	2833.202.45 ■	5.8 - 6.6	45	K	4	Holzma

■ Available upon request

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

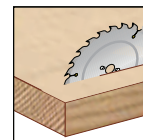
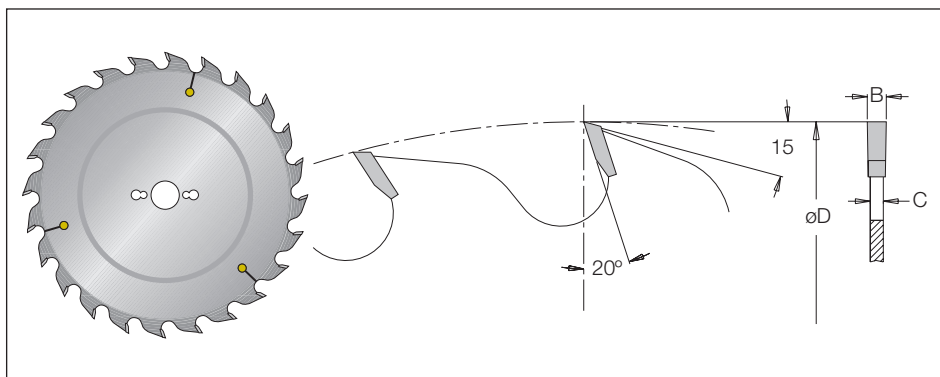


Cutting Profile
& Bars

Saw Blades

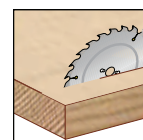
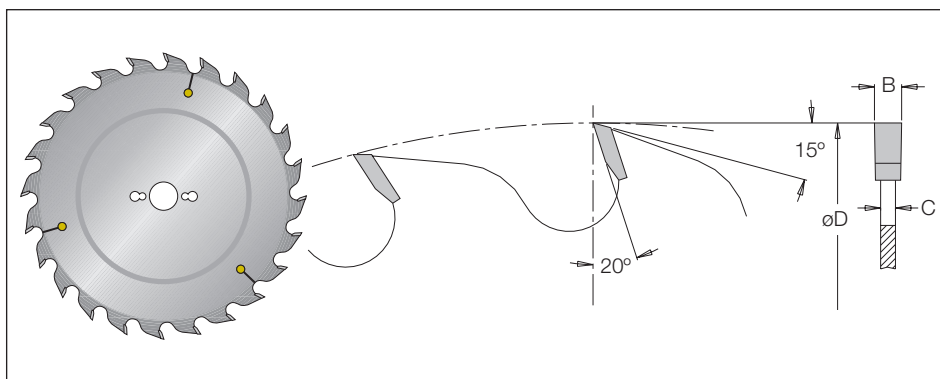
Solid Wood Along the Grain

Standard Ripping Saw Blade, MAF



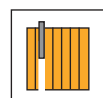
øD	Teeth	Code No.	B	c	n	m/min	ød
250	20	90100306	3.2	2.2	4500-7600	14-23	30
	24	90100406	3.2	2.2	4500-7600	16-27	30
300	24	90100506	3.2	2.2	3800-6300	14-23	30
	24	90100500	3.2	2.2	3800-6300	17-28	70
	30	90100606	3.2	2.2	3800-6300	17-28	30
350	28	90100706	3.5	2.5	3200-5400	13-23	30
400	32	90100806	3.5	2.5	2800-4500	13-22	30
450	32	90100846	4.0	2.8	2500-4000	12-19	30
500	36	90100856	4.4	3.0	2200-3500	12-19	30

Heavy Duty Saw Blade, MAFT

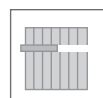


øD	Teeth	Code No.	B	c	n	m/min	ød
300	24	90120306	4.4	2.8	3800-6300	14-23	30
350	28	90120506	4.4	2.8	3200-5400	13-23	30
400	32	90121106	4.0	3.0	2800-4500	13-22	30
	32	90120906	4.4	3.0	2800-4500	13-22	30

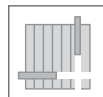
Saw Blades



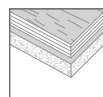
Solid Wood
Along the Grain



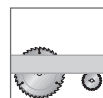
Solid Wood
Across the Grain



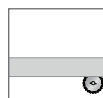
Solid Wood
Miter Joint



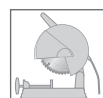
Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

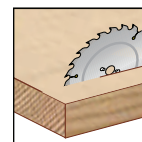
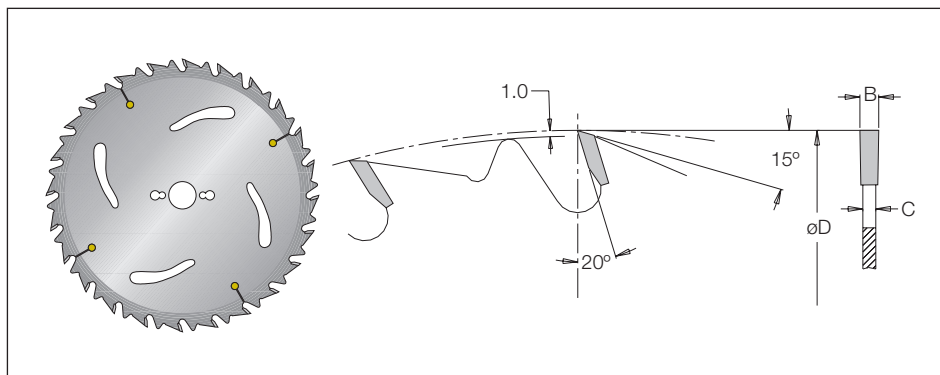


Cutting Profile
& Bars

Saw Blades

Solid Wood Along the Grain

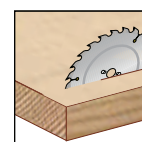
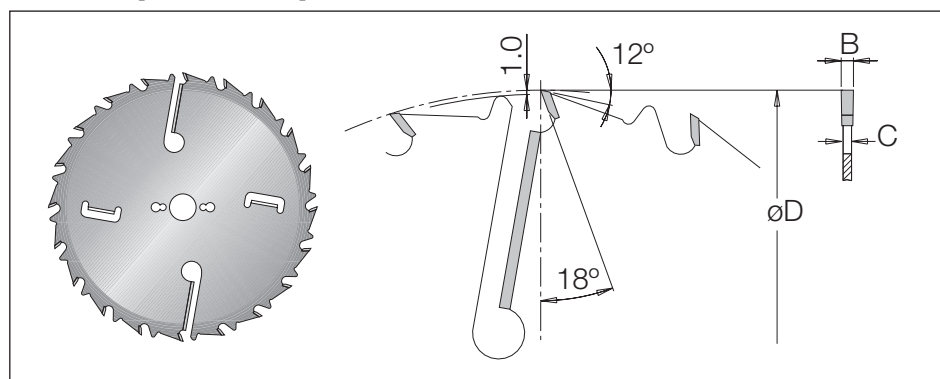
Euro rip with cooling slots & anti- kickback Saw Blade, MAFG



øD	Teeth	Code No.	B	c		n	m/min	ød
250	20	90100906	3.2	2.2	-	4500-7600	14-23	30
	24	90100956	3.2	2.2	-	4500-7600	16-27	30
300	24	90101006	3.2	2.2	-	3800-6300	14-23	30
	24	90101000	3.2	2.2	2/20x6	3800-6300	14-23	70
	28	90101046	3.2	2.2	-	3800-6300	16-26	30
	28	90101040	3.2	2.2	2/20x6	3800-6300	16-26	70
350	28	90101106	3.5	2.5	-	3200-5400	13-23	30
	32	90101136	3.5	2.5	-	3200-5400	15-26	30
400	18	90101146 ■	3.5	2.5	-	2800-4500	8-12	30
	28	90101156	3.5	2.5	-	2800-4500	12-19	30
450	40	90101166	4.0	2.8	-	2500-4000	15-24	30
500	44	90101186	4.4	3.0	-	2200-3500	15-23	30

■ Available upon request

Multi Rip with chip limiters Saw Blade, MAFGM



øD	Teeth	Code No.	B	c	n	m/min	ød
300	20+2+2	90400356 ■	3.2	2.2	3800-6300	11-19	30
350	24+2+2	90400556	3.5	2.5	3200-5400	12-19	30

■ Available upon request

⚠ With rakers to prevent the wood from making contact with the saw body.

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

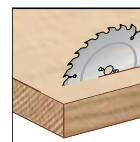
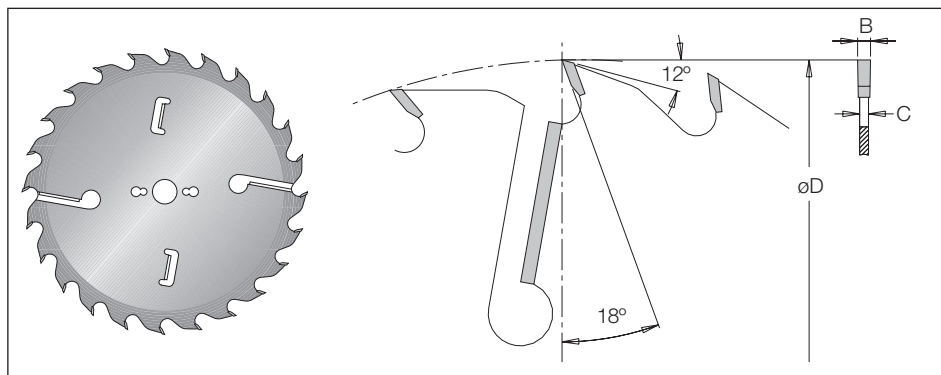


Cutting Profile
& Bars

Saw Blades

Solid Wood Along the Grain

Multi Rip Saw Blade, MAFM

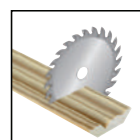
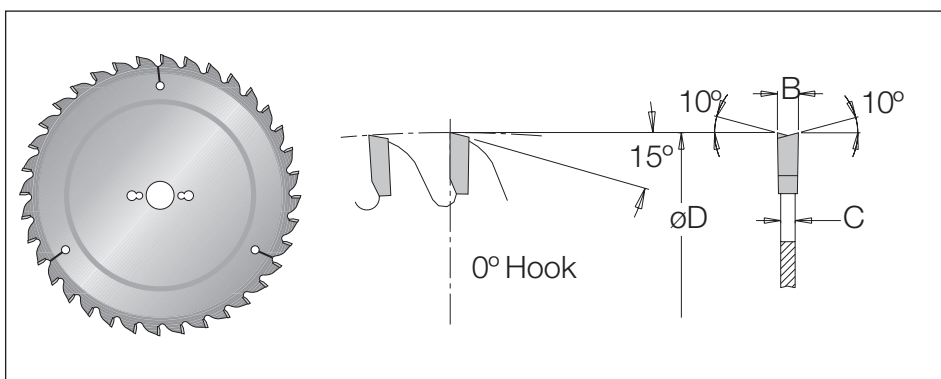


ØD	Teeth	Code No.	B	c		n	m/min	Ød
250	18+2	90400106 ■	3.2	2.2		4500-7600	12-21	30
	18+2	90400100 ■	3.2	2.2	4/20x5	4500-7600	12-21	70
300	20+2+2	90400306	3.2	2.2	-	3800-6300	11-19	30
	20+2+2	90400300	3.2	2.2	2/20x5	3800-6300	11-19	70
350	24+2+2	90400506	3.5	2.5	-	3200-5400	12-19	30
	24+2+2	90400500	3.5	2.5	2/20x5	3200-5400	12-19	70

■ Available upon request

⚠ Wet and dry wood.
With rakers to prevent the wood from making contact with the saw body.

Cross Cut Saw Blade, MAWO, MBWO, MCWO

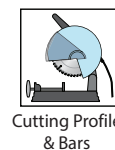
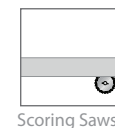
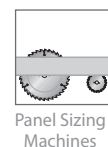
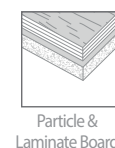
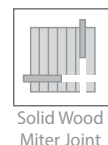
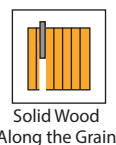


ØD	Teeth	Code No.	B	c	n	m/min	Ød
250	24	90801106	3.4	2.4	4500-7600	16-27	30
	42	90801206 ■	3.4	2.4	4500-7600	28-48	30
300	36	90801306	3.8	2.8	3800-6300	21-34	30
350	42	90801506	4.2	2.8	3200-5400	20-34	30
400	48	90801706	4.2	3.0	2800-4500	20-32	30

■ Available upon request

⚠ Meant for over arm machine.

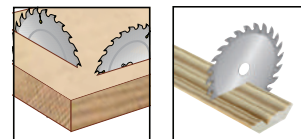
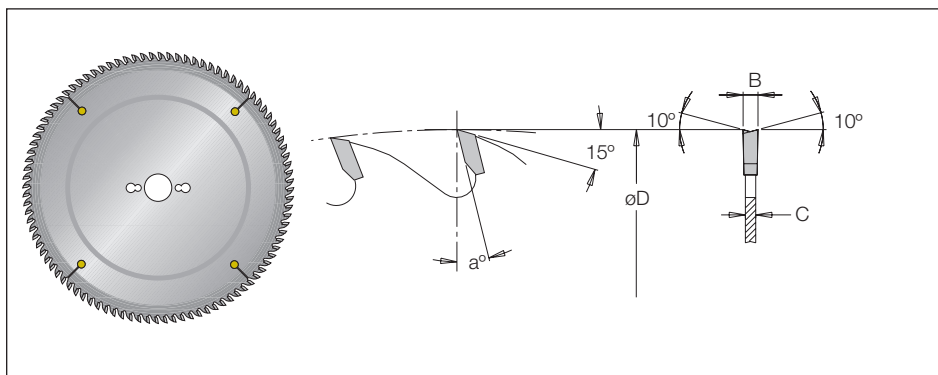
Saw Blades



Saw Blades

Solid Wood Miter Joint

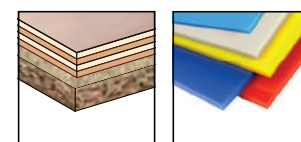
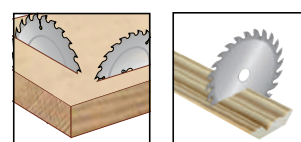
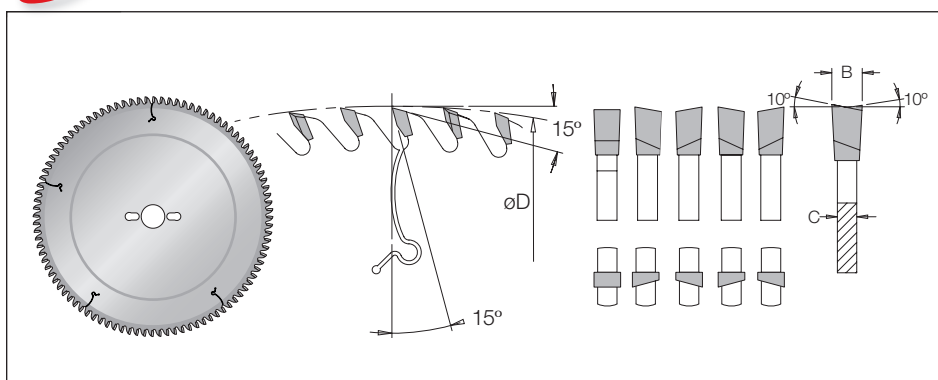
Thin Kerf Trim & Cross Cut Saw Blade, MCWD, MFWD



øD	Teeth	Code No.	B	c	a°	n	m/min	ød	
150	24	90130106	2.3	1.6	15°	7600-12000	27-43	30	MCWD
180	30	90130206	2.3	1.6	15°	6300-10000	28-45	30	MCWD
200	34	90130306	2.3	1.6	15°	5700-9000	29-46	30	MCWD
200	64	90131406	2.3	1.6	10°	4700-7600	51-83	30	MFWD
	80	90131476	2.2	1.6	5°	4700-7600	64-103	30	MFWD
230	34	90130406 ■	2.3	1.6	15°	4900-8300	25-42	30	MCWD
	40	90130506	2.3	1.6	15°	4500-7600	27-46	30	MCWD
250	80	90131606	2.3	1.6	10°	3800-6100	52-83	30	MEWD
	100	90131676	2.3	1.6	5°	3800-6100	65-104	30	MFWD
300	48	90130606	2.3	1.6	15°	3800-6300	27-45	30	MCWD
300	96	90131706	2.3	1.6	10°	3100-5000	51-82	30	MFWD
350	54	90130706	2.3	1.6	15°	3200-5400	26-44	30	MCWD
350	108	90131806	2.3	1.6	10°	2700-4300	50-79	30	MFWD
380	48	90130806	2.7	2.0	15°	3000-5000	22-36	30	MCWD
380	100	90131906 ■	2.7	2.0	10°	2500-4000	43-68	30	MFWD

■ Available upon request

DMAX Trimming & Cross Cut for Hard & Exotic Wood Saw Blade, DFCC



øD	Teeth	Code No.	B	c	n	m/min	ød
300	100	96035306	3.0	2.2	3800-6300	27-45	30

Saw Blades

Solid Wood
Along the Grain

Solid Wood
Across the Grain

Solid Wood
Miter Joint

Particle &
Laminate Board

Panel Sizing
Machines

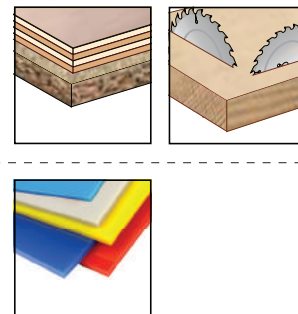
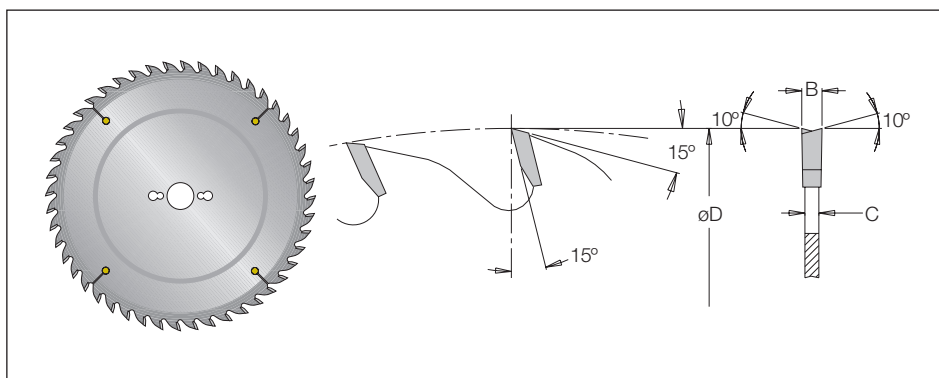
Scoring Saws

Cutting Profile
& Bars

Saw Blades

Solid Wood Miter Joint

General purpose Trim & Cross- cut Saw Blade, MAW, MBW, MCW



øD	Teeth	Code No.	B	c	n	m/min	ød	
125	24	90102103	3.0	2.0	Max 4,500		20	MCW
132	20	90101223	2.6	1.6	Max 4,500		20	MCW
150	24	90102206	3.0	2.0	6300-10100	26-41	30	MCW
160	24	9010221E	2.6	1.6	6300-10100	26-41	16	MCW
165	18	90101203	2.8	1.8	6300-10100	26-41	20	MBW
170	24	90102223 ■	2.6	1.6	5300-8400	26-41	20	MBW
180	24	90101306	3.0	2.0	5300-8400	23-38	30	MDW
	30	90102306	3.0	2.0	5300-8400	27-43	30	MCW
184	24	9010131E	2.8	1.8	5300-8400	26-41	16	MBW
	30	9010232E	2.8	1.8	5300-8400	26-41	16	MCW
190	24	90101333	2.8	1.8	5300-8400	26-41	20	MBW
	36	90102353	2.8	1.8	5300-8400	26-41	20	MCW
200	24	90101406	3.0	2.0	4700-7600	21-32	30	MBW
	34	90102406	3.0	2.0	4700-7600	27-44	30	MCW
210	24	90101416	2.8	1.8	4700-7600	26-41	30	MBW
	34	90102416	2.8	1.8	4700-7600	26-41	30	MCW
216	24	90101426	2.8	1.8	4700-7600	26-41	30	MBW
220	24	90101456 ■	3.0	2.0	5200-8500	19-31	30	MBW
	34	90102436	3.0	2.0	4500-7600	25-40	30	MCW
230	24	90101506	3.0	2.0	4300-6900	26-41	30	MBW
	40	90102506	3.0	2.0	4300-6900	26-41	30	MCW
250	30	90101606	3.2	2.2	3800-6100	20-34	30	MBW
	40	90102606	3.2	2.2	3800-6100	26-41	30	MCW
	48	90102636	3.2	2.2	3800-6100	31-50	30	MCW
300	36	90101706	3.2	2.2	3800-6300	21-34	30	MBW
	48	90102706	3.2	2.2	3100-5000	25-41	30	MCW
350	36	90101796	3.5	2.5	3200-5400	17-29	30	MBW
	42	90101806	3.5	2.5	3200-5400	20-34	30	MBW
	54	90102806	3.5	2.5	4300-2700	39-25	30	MCW
400	48	90101906	3.5	2.5	4500-2800	32-20	30	MBW
	60	90102906	3.5	2.5	3800-2300	39-23	30	MCW
450	54	90102006	4.0	2.8	4000-2500	32-20	30	MBW
	66	90103006	4.0	2.8	3300-2100	37-24	30	MCW
500	60	90102056	4.4	3.0	3500-2200	32-20	30	MBW
	72	90103206	4.4	3.0	3000-1900	37-23	30	MCW

■ Available upon request

Saw Blades

Solid Wood
Along the Grain

Solid Wood
Across the Grain

Solid Wood
Miter Joint

Particle &
Laminate Board

Panel Sizing
Machines

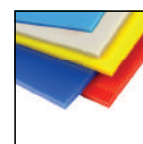
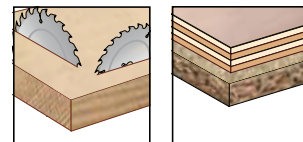
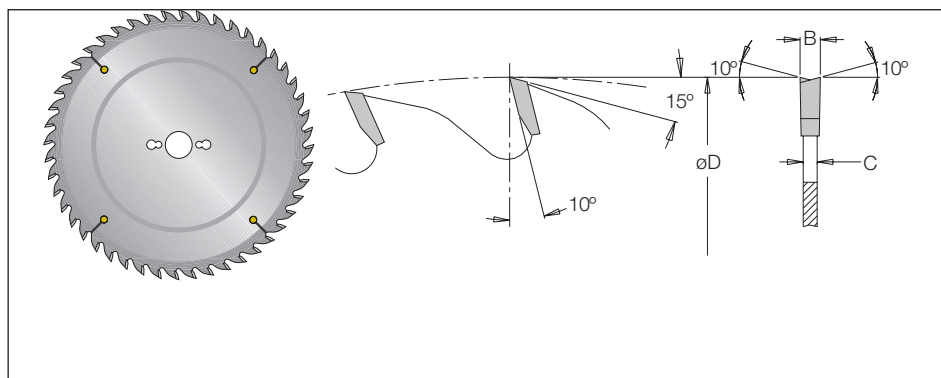
Scoring Saws

Cutting Profile
& Bars

Saw Blades

Particle & Laminate Board

Soft & Hard Trim & Cross- cut Saw Blade, MEW, MFW



øD	Teeth	Code No.	B	c	n	m/min	ød	
100	30	9010330Z	2.2	1.6	Max 4,500		12	MFW
105	30	90103353	2.2	1.6	Max 4,500		20	MFW
125	30	90103403 ■	3.0	2.0	Max 4,500		20	MEW
	40	90105203	3.0	2.0	Max 4,500		20	MFW
132	36	90103553 ■	2.6	1.8	Max 4,500		20	MFW
140	30	90103453 ■	2.8	1.8	Max 4,500		20	MFW
	30	90103506 ■	3.0	2.0	6300-10100	32-52	30	MEW
150	48	90105306	3.0	2.0	6300-10100	51-82	30	MFW
	36	9010372E	2.6	1.6	6300-10100	32-52	16	MEW
160	48	9010532E	2.6	1.6	6300-10100	32-52	16	MFW
	42	90103806	3.0	2.0	5300-8400	38-60	30	MEW
180	58	90105406	3.0	2.0	5300-8400	52-83	30	MFW
	42	9010385E ■	2.8	1.8	5300-8400	26-41	16	MEW
190	48	90103953	2.8	1.8	5300-8400	26-41	20	MEW
	48	90104006	3.0	2.0	4700-7600	38-62	30	MEW
200	64	90105506	3.0	2.0	4700-7600	51-83	30	MFW
	48	90104016	2.8	1.8	4700-7600	26-41	30	MEW
210	64	90105436	2.8	1.8	4700-7600	26-41	30	MFW
	48	90104116	2.8	1.8	4700-7600	26-41	30	MEW
216	60	90105456	2.8	1.8	4700-7600	26-41	30	MFW
	48	90104036 ■	3.0	2.0	4300-6900	35-56	30	MEW
220	64	90105596	3.0	2.0	4300-6900	47-75	30	MFW
	48	90102556	3.0	2.0	4300-6900	26-41	30	MEW
230	60	90105606	3.0	2.0	4300-6900	26-41	30	MEW
	60	90104106	3.2	2.2	3800-6100	39-62	30	MEW
250	80	90105706	3.2	2.2	3800-6100	52-83	30	MFW
	60	90104206	3.2	2.2	3100-5000	32-51	30	MEW
300	72	90104306	3.2	2.2	3100-5000	38-61	30	MEW
	96	90105806	3.2	2.2	3100-5000	51-82	30	MFW
350	72	90104406	3.5	2.5	2700-4300	33-53	30	MEW
	84	90104506	3.5	2.5	2700-4300	39-61	30	MEW
400	108	90105906	3.5	2.5	2700-4300	50-79	30	MFW
	96	90104606	3.5	2.5	2300-3800	38-62	30	MEW
450	120	90106006	3.5	2.5	2300-3800	47-78	30	MFW
	108	90104626	4.0	2.8	2100-3300	39-61	30	MEW
500	132	90106036	4.0	2.8	2100-3300	47-74	30	MFW
	120	90104636	4.4	3.0	1900-3000	39-61	30	MEW

■ Available upon request

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

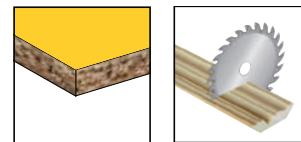
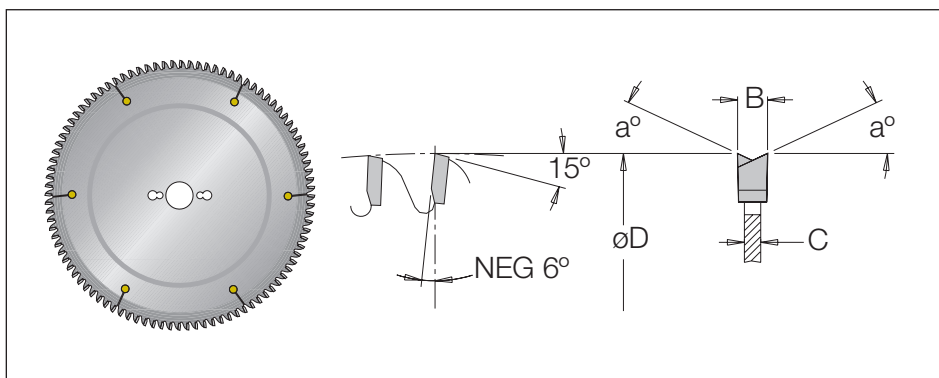


Cutting Profile
& Bars

Saw Blades

Particle & Laminate Board

Double- Face Melamine & Laminate Trimming & Sizing Saw Blade, MFWTN



øD	Teeth	Code No.	B	c	a	n	m/min	ød
250	80	90302706	3.4	2.6	25°	5300-7600	21-30	30
300	96	90302806	3.4	2.6	25°	4400-6300	21-30	30
350	108	90302906	3.4	2.6	25°	3800-5400	21-29	30
400	120	90303006	4.0	3.2	25°	3300-4500	20-27	30

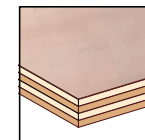
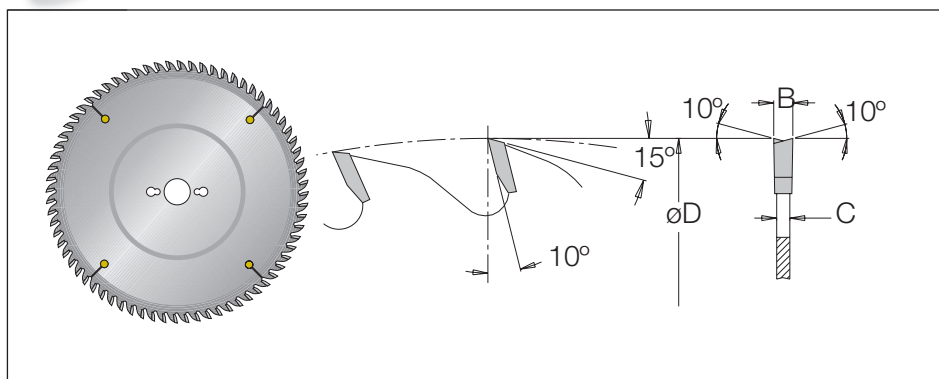


Extended life, Double- Face Melamine & Laminate Trimming & Sizing Saw Blade, DFWTN

øD	Teeth	Code No.	B	c	a	n	m/min	ød
250	80	95302706	3.4	2.6	25°	5300-7600	21-30	30



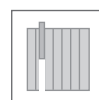
Extended life, Soft & Hard Trim & Cross- cut Saw Blade, DEW, DFW



øD	Teeth	Code No.	B	c	n	m/min	ød	
250	60	95004106 ■	3.2	2.2	3800-6100	39-62	30	DEW
	80	95005706	3.2	2.2	3800-6100	52-83	30	DFW
300	72	95004306	3.2	2.2	3100-5000	38-61	30	DEW
	96	95005806	3.2	2.2	3100-5000	51-82	30	DFW
350	72	95004406 ■	3.5	2.5	2700-4300	33-53	30	DEW
	84	95004506	3.5	2.5	2700-4300	39-61	30	DEW
	108	95005906 ■	3.5	2.5	2700-4300	50-79	30	DFW

■ Available upon request

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

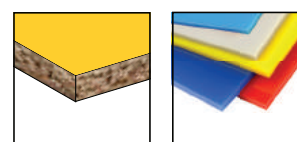
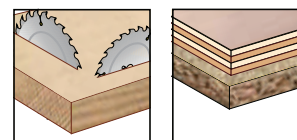
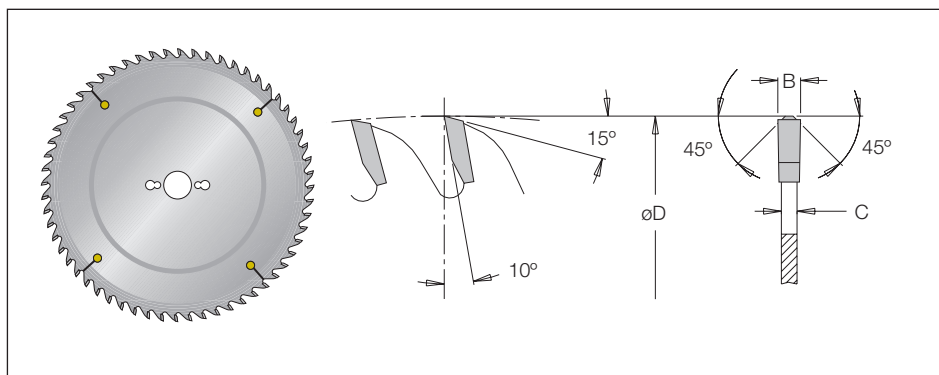


Cutting Profile
& Bars

Saw Blades

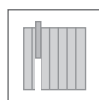
Particle & Laminate Board

Standard Trimming & Sizing Saw Blade, MCS, MES, MFS



øD	Teeth	Code No.	B	c	n	m/min	ød	
140	48	90106043	2.8	1.8	Max 4,500		20	MFS
180	42	90104683	3.0	2.0	5300-8400	21-29	20	MES
	58	90106076	3.0	2.0	5300-8400	21-29	30	MFS
190	48	90104693	2.8	1.8	5300-8400	26-41	20	MES
	60	90106173	2.8	1.8	5300-8400	26-41	20	MFS
200	48	90104706	3.0	2.0	6600-9000	16-22	30	MES
	64	90106086	3.0	2.0	6600-9000	21-29	30	MFS
210	64	90106116	2.8	1.8	4700-7600	26-41	30	MFS
216	48	90104716	2.8	1.8	4700-7600	26-41	30	MES
	60	90106146	2.8	1.8	4700-7600	26-41	30	MFS
220	64	90106126	3.0	2.0	6000-8600	19-28	30	MFS
230	60	90106096 ■	3.0	2.0	5300-7600	19-28	30	MES
240	64	90106186	3.0	2.0	5300-7600	19-28	30	MES
250	40	90104756	3.2	2.2	5300-7600	11-15	30	MCS
	60	90104806	3.2	2.2	5300-7600	16-23	30	MES
	80	90106106	3.2	2.2	5300-7600	21-30	30	MFS
	60	90104856	3.2	2.2	4400-6300	13-19	30	MES
	72	90104906	3.2	2.2	4400-6300	16-23	30	MES
350	96	90106206	3.2	2.2	4400-6300	21-30	30	MFS
	54	90102856	3.5	2.5	3800-5400	10-15	30	MCS
	72	90104956	3.5	2.5	3800-5400	14-19	30	MES
	84	90105006	3.5	2.5	3800-5400	16-23	30	MES
	108	90106306	3.5	2.5	3800-5400	21-29	30	MFS
400	96	90105106	3.5	2.5	3300-4500	16-22	30	MES
	120	90106406	3.5	2.5	3300-4500	20-27	30	MFS
450	108	90105156 ■	4.0	2.8	2900-4000	16-22	30	MES

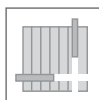
■ Available upon request



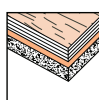
Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

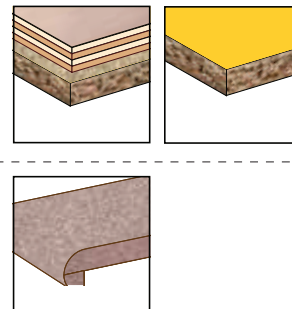
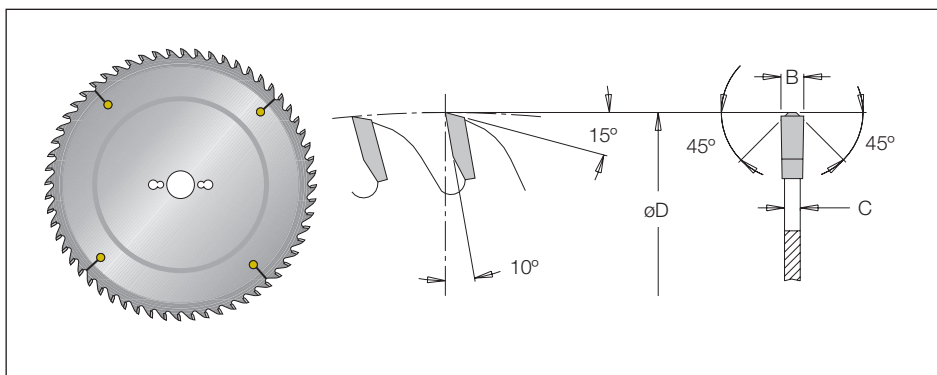


Cutting Profile
& Bars

Saw Blades

Particle & Laminate Board

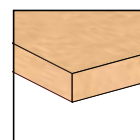
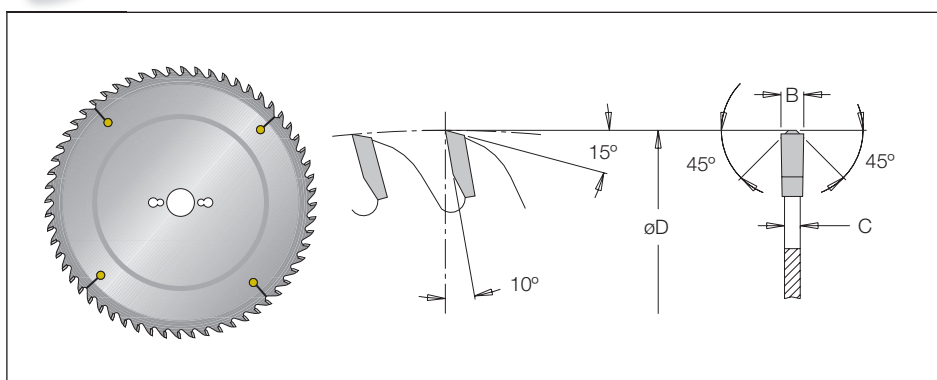
DMAX Long life Trimming & Sizing Saw Blade, DES, DFS



øD	Teeth	Code No.	B	c	n	m/min	ød	
220	64	95006126 ■	3.0	2.0	6000-8600	19-28	30	DFS
250	80	95006106	3.2	2.2	5300-7600	21-30	30	DFS
300	72	95004906	3.2	2.2	4400-6300	16-23	30	DES
	96	95006206	3.2	2.2	4400-6300	21-30	30	DFS
350	72	95004956 ■	3.5	2.5	3800-5400	14-19	30	DES
	84	95005006	3.5	2.5	3800-5400	16-23	30	DES
	108	95006306	3.5	2.5	3800-5400	21-29	30	DFS

■ Available upon request

DMAX+ Extended life Trimming & Sizing Saw Blade, BES, BFS

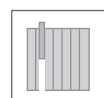


øD	Teeth	Code No.	B	c	n	m/min	ød	
300	96	97006206	3.2	2.2	4400-6300	21-30	30	BFS
350	84	97005006	3.5	2.5	3800-5400	21-29	30	BES

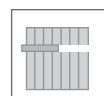


Also Available in TTG (Trapez Trapez Grinding).

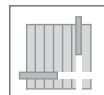
Saw Blades



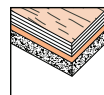
Solid Wood
Along the Grain



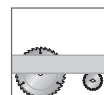
Solid Wood
Across the Grain



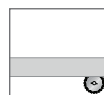
Solid Wood
Miter Joint



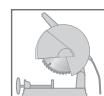
Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

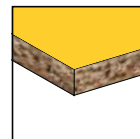
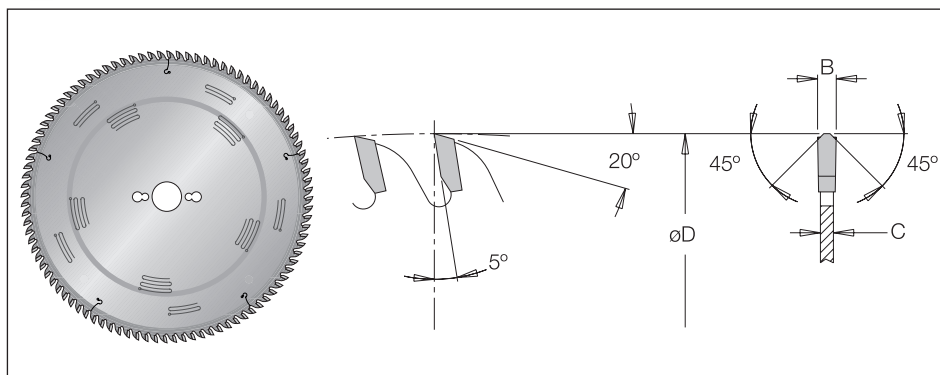


Cutting Profile
& Bars

Saw Blades

Particle & Laminate Board

TOP Extended life & Low Vibration Trimming & Sizing Saw Blade, DFSQ



ØD	Teeth	Code No.	B	c	n	m/min	Ød
300	96	95406256	3.2	2.2	4400-6300	21-30	30
350	110	95406356 ■	3.4	2.5	3800-5400	18-26	30

■ Available upon request



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines

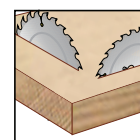
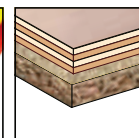
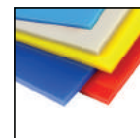
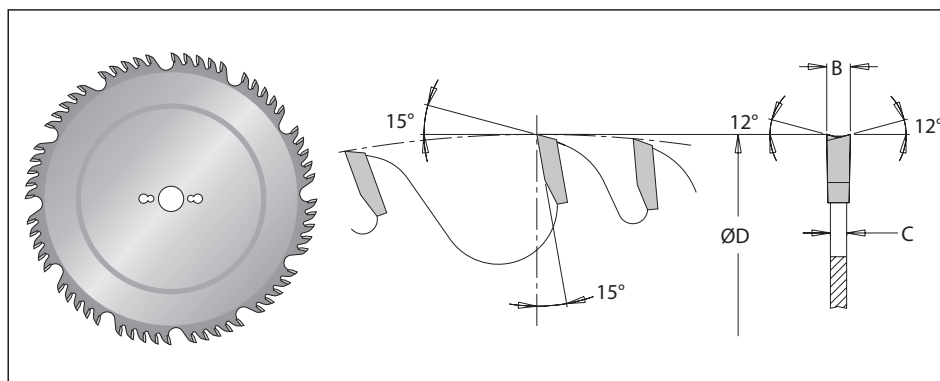


Scoring Saws



Cutting Profile
& Bars

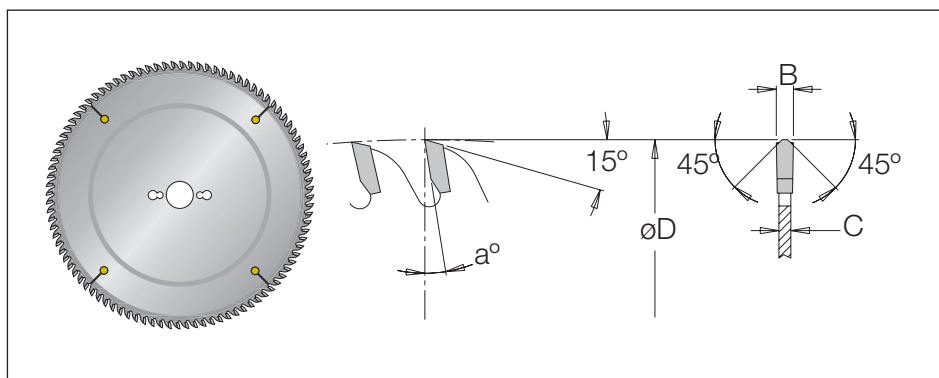
Combination Multipurpose Cut Saw Blade, MEC



ØD	Teeth	Code No.	B	c	n	m/min	Ød
200	40	90800106	3.2	2.2	8900-12000	21-29	30
230	40	90800206	3.2	2.2	6600-9000	21-29	30
250	50	90800406	3.4	2.4	5300-7600	27-38	30
300	60	90800506	3.8	2.8	5300-7600	21-30	30
350	70	90800606	3.8	2.8	5300-7600	27-38	30
400	80	90800706	4	3	4400-6300	21-30	30

Saw Blades

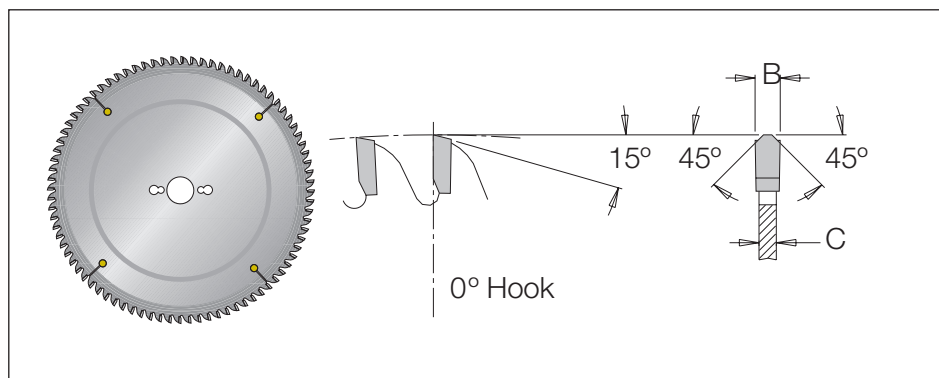
Trimming & Sizing Thin Kerf Saw Blade, MFSD



øD	Teeth	Code No.	B	c	a	n	m/min	ød
200	64	90131556	2.3	1.6	10°	6600-9000	21-29	30
250	80	90131756	2.3	1.6	10°	5300-7600	21-30	30
	100	90131776	2.3	1.6	5°	5300-7600	27-38	30
300	96	90131856	2.3	1.6	10°	4400-6300	21-30	30

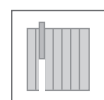
⚠ Use a flange diameter half the diameter of the saw blade.

Trimming & Sizing Solid Surface Saw Blade, MFSO

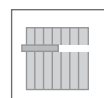


øD	Teeth	Code No.	B	c	n	m/min	ød
250	72	90141656	3.2	2.4	5300-7600	19-27	30
300	84	90141756	3.2	2.4	4400-6300	18-26	30
350	96	90141856	3.3	2.5	3800-5400	18-26	30
400	108	90141956	3.3	2.5	3300-4500	18-24	30

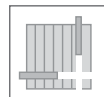
Saw Blades



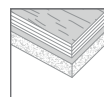
Solid Wood
Along the Grain



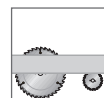
Solid Wood
Across the Grain



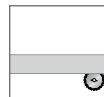
Solid Wood
Miter Joint



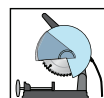
Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

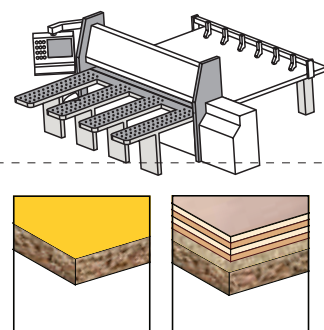
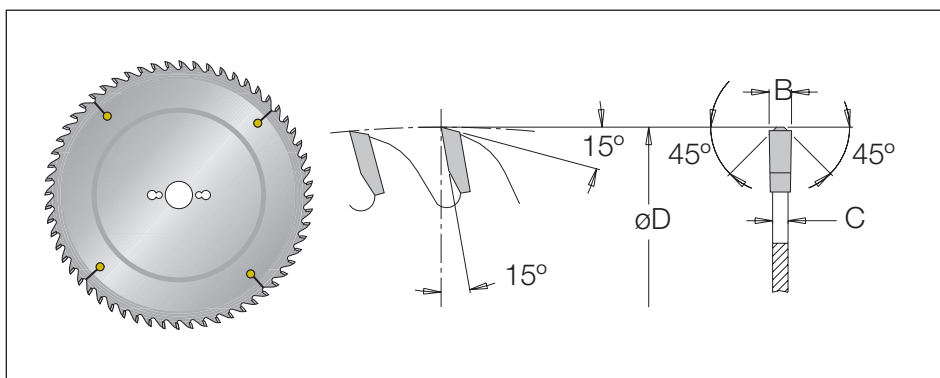


Cutting Profile
& Bars

Saw Blades

Panel Sizing Machines

D MAX Extended life, Main Saw for Panel Sizing Laminated Boards, DBSTT, DCSTT, DESTT, BESTT



Type	øD	Teeth	D max Code No.	D max+ Code No.	B/c	ød	
Panhans	305	60	95531056		4.4/3.0	30	
	355	72	95531156	97531156	4.4/3.0	30	
	355	72	9553115T	9753115T	4.4/3.0	75	
	400	72	9553130T	9753130T	4.4/3.2	75	4/15/105
Giben							
SCM	430	96	9553155T		4.4/3.2	75	4/15/105
	305	60	9553105U		4.4/3.0	80	2/14/110
	380	72	9553123U	9573123U	4.8/3.5	80	4/9/100, 2/14/110, 2/7/110
Gabbiani	355	72	9553115U	9753115U	4.4/3.0	80	4/9/100, 2/14/110, 2/7/110
	355	72	9553115R	9753115R	4.4/3.0	60	2/14/100
	380	72	9553123R	9753123R	4.8/3.5	60	2/14/100
Holzma	450	72	9553160R		4.4/3.2	60	2/14/125, 2/10/80
	450	72	9553170R	9753170R	4.8/3.5	60	2/14/125-2/10/80
	500	60	9553185R		4.8/3.5	60	2/11/115
Schelling	600	72	9553301R ■	9753301R	5.8/4.0	60	2/19/120, 2/11/115
	350	72	95531136		4.4/3.2	30	
	355	72	95531156	97531156	4.4/3.0	30	
	400	72	95531306	97531306	4.4/3.2	30	
	450	72	95531606	97531606	4.4/3.2	30	
	460	72	95531746	97531746	4.4/3.2	30	2/14/95
Selco	320	60	9553350S		4.4/3.2	65	2/9/110
	380	72	9553121U ■		4.4/3.5	80	4/19/120, 2/9/130
	400	72	9553132U	9753132U	4.4/3.2	80	4/19/120, 2/9/130
	430	72	9553150U		4.4/3.2	80	4/19/120, 2/9/130
	450	72	9553160U	9753160U	4.4/3.2	80	4/19/120, 2/9/130
	450	72	9553170U	9753170U	4.8/3.5	80	4/19/120, 2/9/130
Mayer	305	60	95531056		4.4/3.0	30	
	350	72	95531136		4.4/3.2	30	
	355	72	95531156	97531156	4.4/3.0	30	
	400	72	95531306	97531306	4.4/3.0	30	
SMA	355	72	9553115U	9753115U	4.4/3.0	80	4/9/100, 2/7/110, 2/14/110

■ Available upon request



Also Available in TTG
(Trapez Trapez Grinding).

Saw Blades


Solid Wood
Along the Grain


Solid Wood
Across the Grain


Solid Wood
Miter Joint


Particle &
Laminate Board


Panel Sizing
Machines

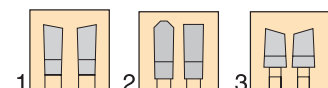
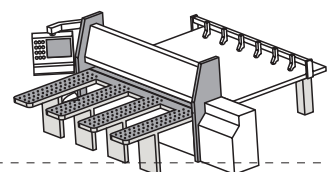
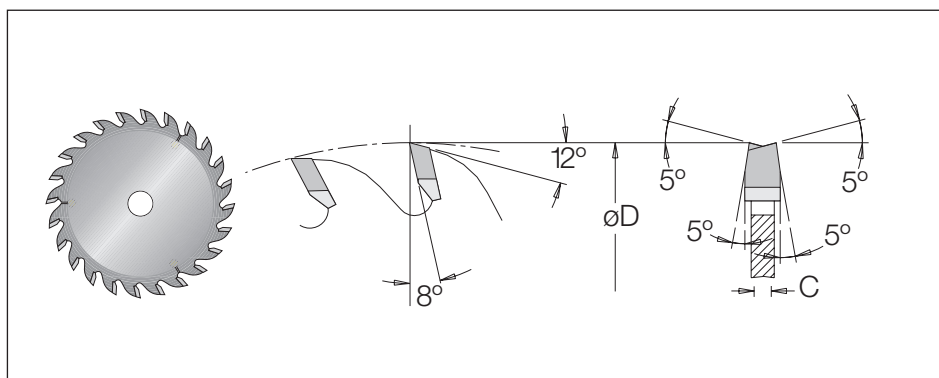

Scoring Saws


Cutting Profile
& Bars

Saw Blades

Panel Sizing Machines

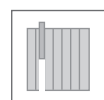
DMAX Extended life, Conic Scoring Saw



øD	Teeth	Code No	B	c	ød		Grinding type
125	24	95600793	4.4-5.3	3.2	20		3
125	24	95600793	4.4-5.3	3.2	20		3
125	24	9560079M	4.4-5.3	3.2	45		3
160	36	9560195M	4.4-5.3	3.2	45	03/11/70	3
300	48	9560280N	4.4-5.3	3.2	50	3/15/80	3
216	42	9560270N ■	4.4-5.3	3.2	50	3/15/80	3
300	48	9560280N	4.4-5.3	3.2	50	3/15/80	3
216	42	9560270N	4.4-5.3	3.2	50	3/15/80	3
160	36	9560195C	4.4-5.3		55	03/07/66	3
160	36	9560195C	4.4-5.3		55	03/07/66	3
160	36	9560195C	4.4-5.3		55	03/07/66	3
160	36	9560195C	4.4-5.3		55	03/07/66	3
180	30	9560210M	4.4-5.3		45	2/14/100	3
200	36	9560261M	4.8-6.0	3.5	45		3
200	36	9560261M	4.8-6.0	3.5	45		3
200	36	95602653	4.4-5.3	3.2	20		3
200	36	95602653	4.4-5.3	3.2	20		3
200	36	95602653	4.4-5.3	3.2	20		3
200	36	9560265S	4.4-5.3	3.2	65	2/9/110, 2/9/100	3
200	36	9560265S	4.4-5.3	3.2	65	2/9/110, 2/9/100	3
200	36	9560265S	4.4-5.3	3.2	65	2/9/110, 2/9/100	3
200	36	9560265S	4.4-5.3	3.2	65	2/9/110, 2/9/100	3
200	36	9560261S	4.8-6.0	3.5	65	2/9/110, 2/9/100	3

■ Available upon request

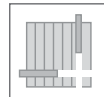
Saw Blades



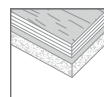
Solid Wood
Along the Grain



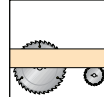
Solid Wood
Across the Grain



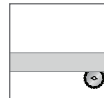
Solid Wood
Miter Joint



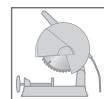
Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

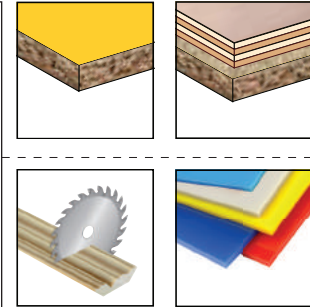
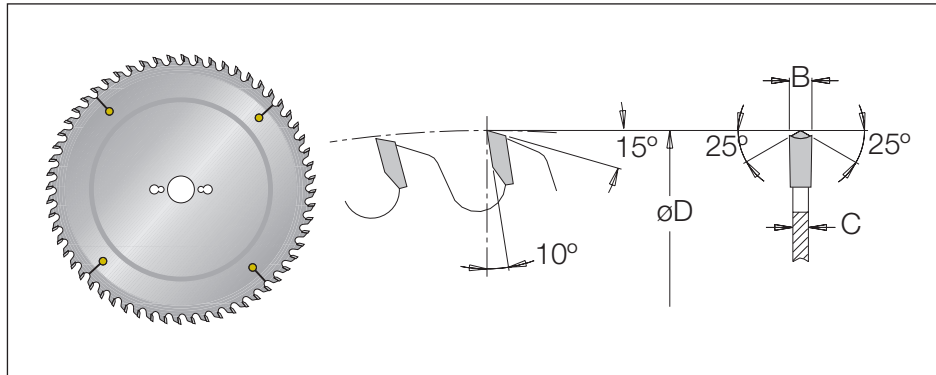


Cutting Profile
& Bars

Saw Blades

Particle & Laminate Board

Trimming & Sizing Hollow Ground, MCD, MED



ØD	Teeth	Code No.	B	c	n	m/min	Ød	
253	48	90110106	3.2	2.2	5200-7500	12-18	30	MCD
303	60	90110256	3.3	2.4	4400-6300	13-19	30	MED
350	72	90110306	3.2	2.2	3800-5400	14-19	30	MED



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines

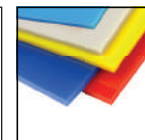
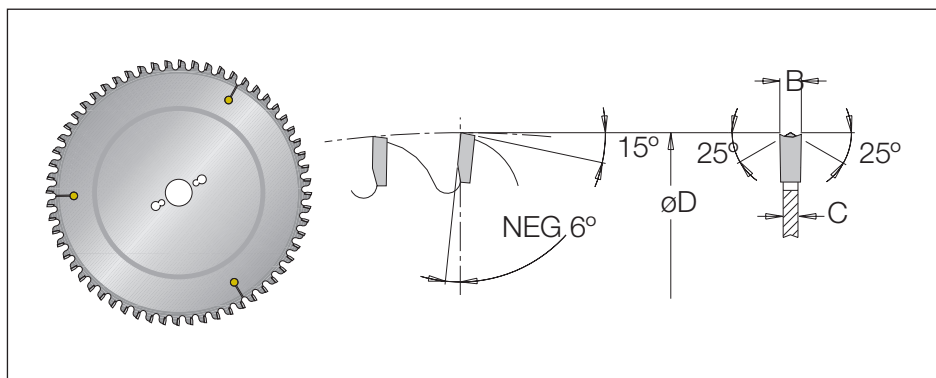


Scoring Saws



Cutting Profile
& Bars

Trimming & Sizing Hollow Negative Hook Angle, MCD, MED



ØD	Teeth	Code No.	B	c	n	m/min	Ød	
220	42	90110656	3.2	2.2	6000-8600	13-18	30	MCDN
253	48	90110136	3.2	2.2	5200-7500	12-18	30	MCDN
303	60	90110856	3.2	2.2	4400-6300	13-19	30	MEDN

Saw Blades

Scoring Saws

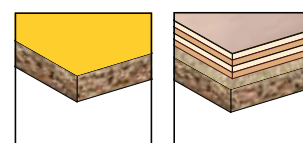
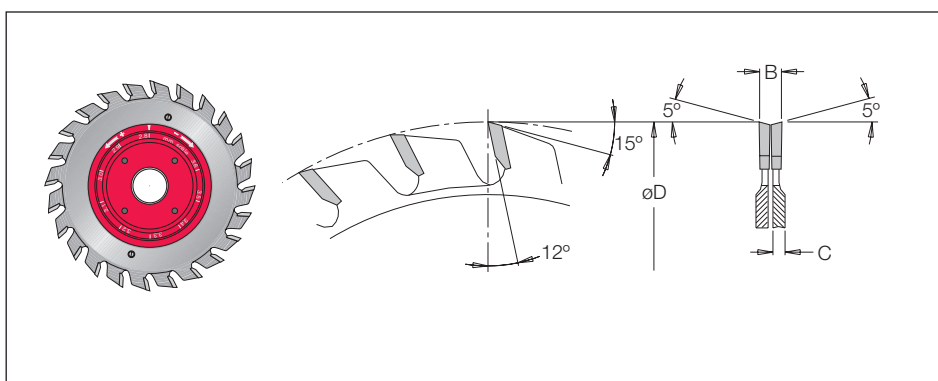
Adjustable Scoring System



PATENTED

Dimar takes the guesswork out of adjusting and re-adjusting scoring saw blades. The DLEADER system's patented adjustable scoring, eliminates the need for spacers, endless measuring, reassembling, testing and adjusting to obtain the required width.

- Adjusts easily
- Fits most machines
- Fits all blades in the width of 2.8 - 3.6mm
- Saves you time and money



	øD	Code No.	B	Teeth	ød
Set 1	100	95610103	2.8-3.6	24	20
Set 2	120	95620303	2.8-3.6	24	20
Set 3	120	95620304*	2.8-3.6	24	22
Set 4	125	95620403	2.8-3.6	24	20
Set 5	125	95620404*	2.8-3.6	24	22
Saw Blades R+L	100	9561010Z		12+12	
Saw Blades R+L	120	9561030Z		12+12	
Saw Blades R+L	125	9561040Z		12+12	

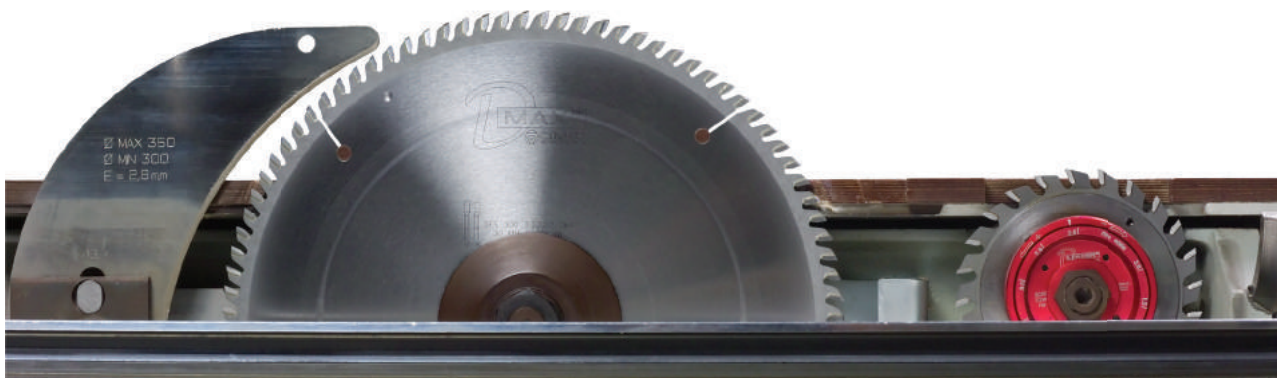
! This system is suitable for most existing table-saw machines. In cases where necessary, an appropriate fitting ring will be supplied.

Spare parts:

Spring ring	Washer	Washer*	Allen screw	Allen screw	Allen key	Allen key	Washer
#195 085 0	#196 352 3	#196 352 4	#193 035 1	#193 041 4	#194 102 0	#194 008 0	#192 570 0
D=75	D=35	D=35	M3x4.6	M4x6	S1.5	S2.5	D=35



Grinding fixture for 120, 125mm



Saw Blades



Solid Wood Along the Grain



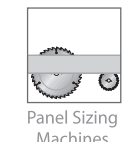
Solid Wood Across the Grain



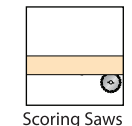
Solid Wood Miter Joint



Particle & Laminate Board



Panel Sizing Machines



Scoring Saws

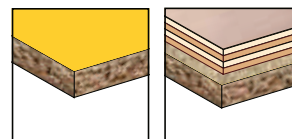
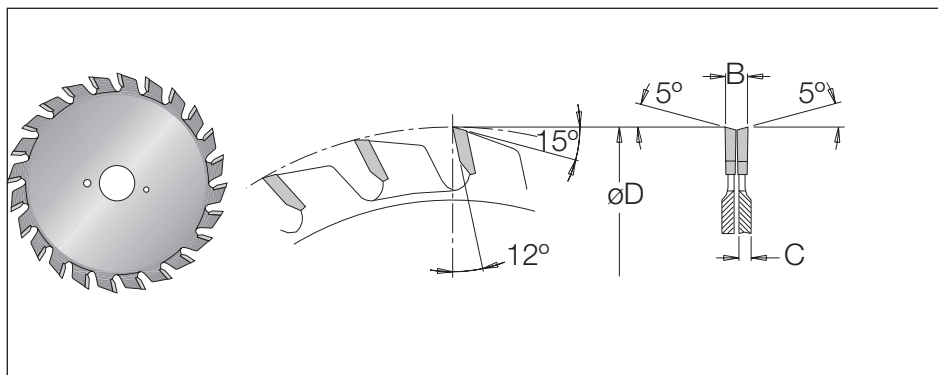


Cutting Profile & Bars

Saw Blades

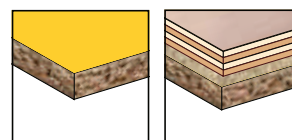
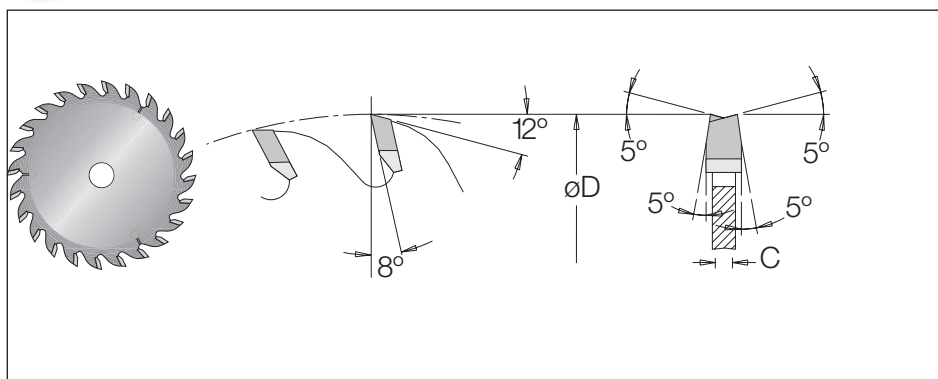
Scoring Saws

DMAX Extended life, Adjustable Scoring Saw Blade, DVF



øD	Teeth	Code No.	B	Set Shims	c	ød
80	2x10	90600093	2.8 - 3.6	1920800	2	20
100	2x12	95600103	2.8 - 3.6	1920600	2	20
	2x12	95600104	2.8 - 3.6	1920600	2	22
120	2x12	95600303	2.8 - 3.6	1920600	2	20
	2x12	95600304	2.8 - 3.6	1920600	2	22
125	2x12	95600403	2.8 - 3.6	1920600	2	20
	2x12	95600404	2.8 - 3.6	1920600	2	22

DMAX Extended life, Conic Scoring Saw Blade, DVK



øD	Teeth	Code No.	B	c	ød
100	20	90600413 ■	3.2-4.1	2.2	20
	20	90600414 ■	3.2-4.1	2.2	22
	20	90600513	3.0-4.1	2.2	20
	20	90600514	3.0-4.1	2.2	22
120	24	95600453	3.2-4.1	2.2	20
	24	95600454	3.2-4.1	2.2	22
	24	90600443 ■	2.8-3.6	2.2	20
	24	90600444 ■	2.8-3.6	2.2	22
125	24	95600693	3.2-4.1	2.8	20
	24	95600694	3.2-4.1	2.8	22
	24	95600793	4.4-5.3	3.2	20
	24	95600794	4.4-5.3	3.2	22

■ Available upon request

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

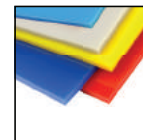
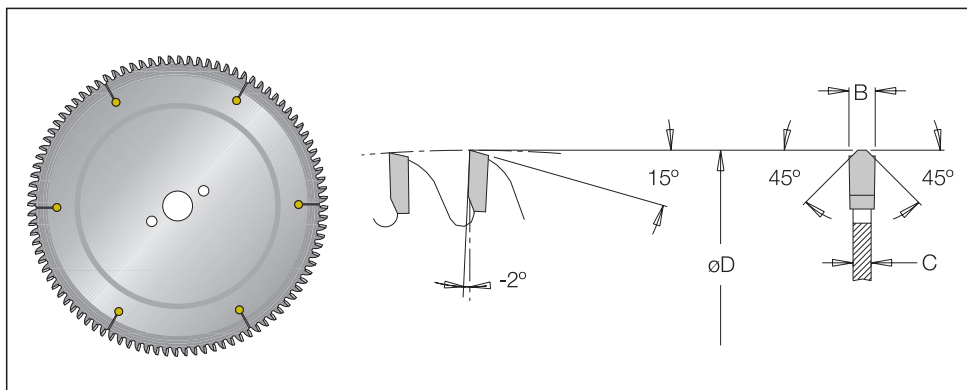


Cutting Profile
& Bars

Saw Blades

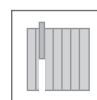
Plastic

Plastic Trimming & Sizing Saw Blade, MFUP



øD	Teeth	Code No.	B	c	ød
250	80	90107036	2.5	1.8	30
300	96	90107066	3.3	2.6	30
350	108	90107096	3.7	3.0	30

Saw Blades



Solid Wood
Along the Grain



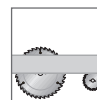
Solid Wood
Across the Grain



Solid Wood
Miter Joint



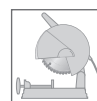
Particle &
Laminate Board



Panel Sizing
Machines

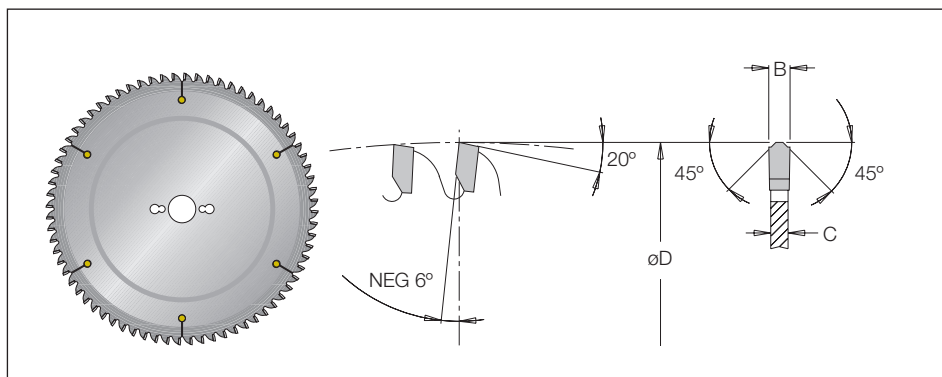


Scoring Saws



Cutting Profile
& Bars

Aluminum Profiles Saw Blade, MESAN, MFSAN



øD	Teeth	Code No.	B	c	n	m/min	ød	
150	48	90202433 ■	2.8	2.2	5000-8900	12-21	20	MFSAN
160	48	90202443	2.8	2.2	4700-8300	11-20	20	MFSAN
180	58	90202486	2.8	2.2	4200-7400	12-21	30	MFSAN
184	58	9020245E ■	2.8	2.2	4100-7200	12-21	16	MFSAN
	58	90202453 ■	2.8	2.2	4100-7200	12-21	20	MESAN
190	60	90202493	2.8	2.2	4000-7000	12-21	20	MFSAN
	60	90202496	2.8	2.2	4000-7000	12-21	30	MFSAN
200	48	90200706	2.8	2.2	3800-6600	9-16	30	MESAN
	64	90202506	2.8	2.2	3800-6600	12-21	30	MFSAN
216	64	90202566	2.8	2.2	3500-6100	11-20	30	MFSAN
230	60	90202606	2.8	2.2	3300-5800	10-17	30	MESAN
235	60	90202636	2.8	2.2	3200-5600	10-17	30	MFSAN
	60	90200806	3.2	2.6	3000-5300	9-16	30	MESAN
	80	90202706	3.2	2.6	3000-5300	12-21	30	MFSAN
250	100	90202756	3.2	2.6	3000-5300	15-27	30	MFSAN
	72	90200857	3.2	2.6	2700-4800	10-17	32	MESAN
300	72	90200906	3.2	2.6	2500-4400	9-16	30	MESAN
	96	90202806	3.2	2.6	2500-4400	12-21	30	MFSAN
330	80	90200957	3.2	2.6	2300-4000	9-16	32	MESAN
	102	90202857	3.2	2.6	2300-4000	12-20	32	MFSAN
350	84	90201006	3.2	2.6	2100-3800	9-16	30	MESAN
	108	90202906	3.2	2.6	2100-3800	11-21	30	MFSAN
380	100	90202956	2.8	2.2	2000-3500	10-18	30	MESAN
400	96	90201106	3.8	3.2	1900-3300	9-16	30	MESAN
	120	90203006	3.8	3.2	1900-3300	11-20	30	MFSAN
420	96	90203406	4.0	3.4	1800-3100	9-15	30	MESAN
450	108	90204006	4.0	3.4	1600-2900	9-16	30	MESAN
	120	90204106	4.0	3.4	1600-2900	10-17	30	MFSAN
500	120	90204206	4.4	3.8	1500-2600	9-16	30	MESAN

■ Available upon request



The material must be clamped firmly to the table on both sides during cutting operation.



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

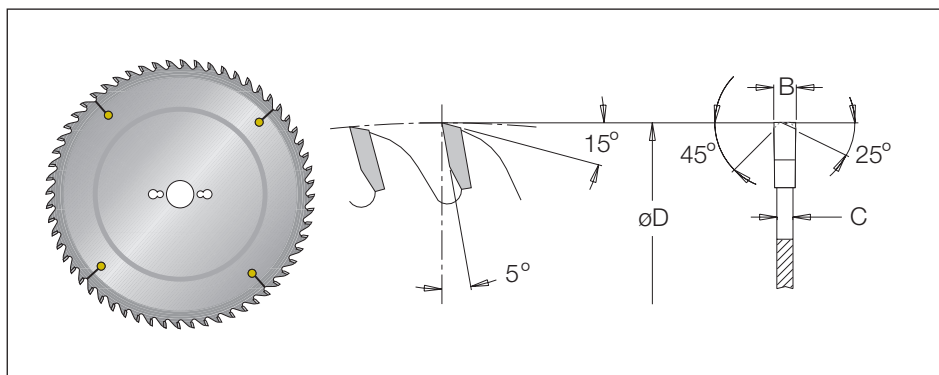


Cutting Profile
& Bars

Saw Blades

Aluminum

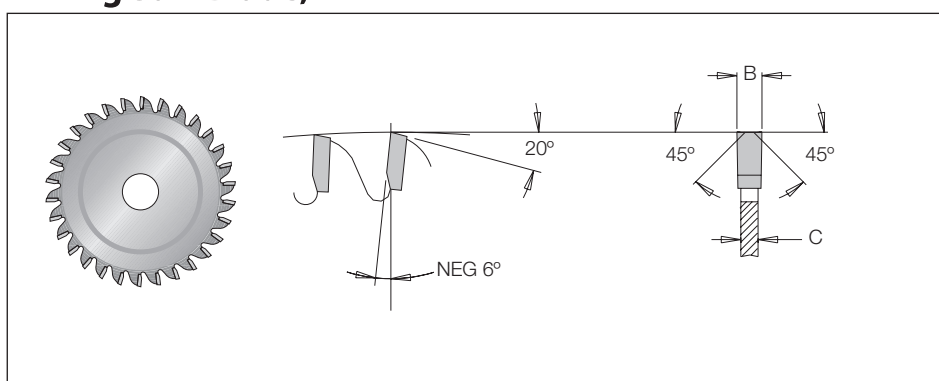
Aluminum Bars Saw Blade, META,MCTA,MFTA



øD	Teeth	Code No.	B	C	n	m/min	ød	
300	80	90254006 ■	3.4	2.8	2500-4400	23-35	30	MFTA
450	100	90250406 ■	4.0	3.4	1600-2900	16-29	30	META
550	120	90250606	4.4	3.8	1400-2400	16-28	30	META
	100	90256066 ■	4.4	3.8	1400-2400	14-24	30	MCTA

■ Available upon request

Milling Saw Blade, MEHAN



øD	Teeth	Code No.	B	c	n	ød
100	24	90200511	3.9	3.2	7600-13000	15.87
	30	90200551	3.9	3.2	7600-13000	15.87
115	24	9020061A	3.9	3.2	6600-11600	22.2
	30	9020063A	3.9	3.2	6600-11600	22.2



To be used manually with mini grinder.

Used extensively in the boat building industry for milling, that is cleaning up, grooving of aluminum welds and cutting out welding tacks.

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines

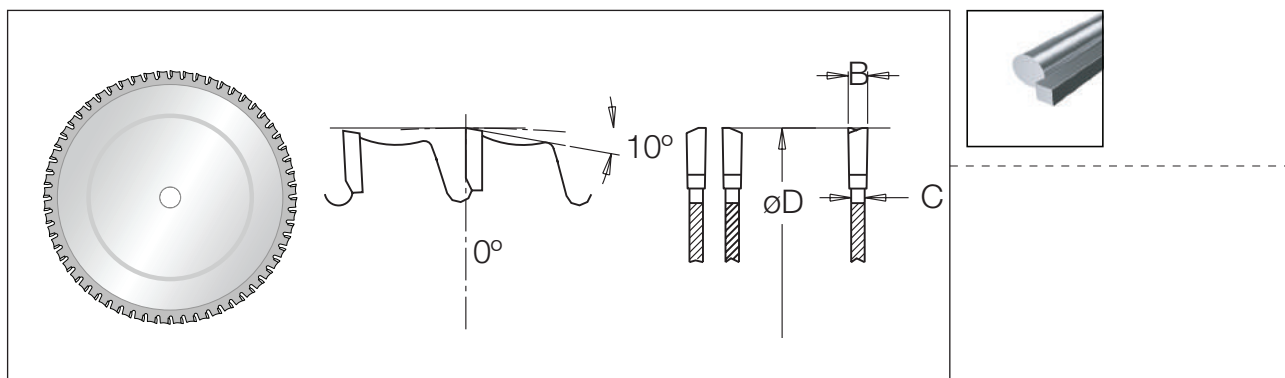


Scoring Saws



Cutting Profile
& Bars

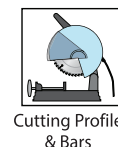
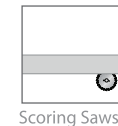
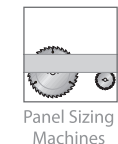
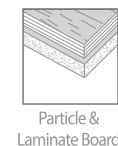
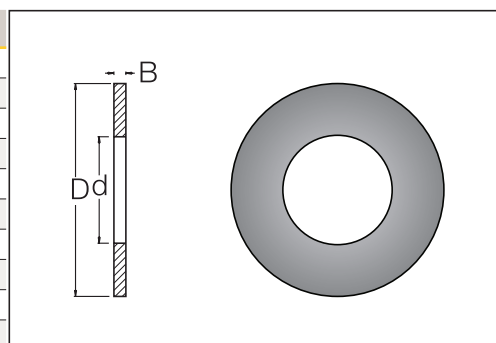
Metal Saw Blade, MEZB,MFZB



øD	Teeth	Code No.	B	c	n. Max.	ød	
185	36	90209013	2.2	1.8	1,800	20.0	MEZB
305	60	90210005	2.2	1.8	1,800	25.4	MEZB
305	80	90210055	2.2	1.8	1,800	25.4	MFZB
355	80	90210105	2.4	2.0	1,800	25.4	MFZB

Saw Blade Bushings

Code No.	D	d	B
1929280	19	15.9	1.8
1929125	20	12.7	1.6
1929030	20	13	1.6
1929040	20	15	1.8
1929200	20	16	1.8
1929210	22	19	1.8
1929050	22	20	1.8
1929175	25	16	1.8
1929100	25	20	1.8
1929260	25.4	16	1.8
1929170	25.4	18	1.8
1929270	25.4	19	1.8
1929145	25.4	20	1.8
1929110	30	12	1.8
1921040	30	12.7	1.8
1929080	30	15	1.8
1929160	30	15.9	1.8
1929180	30	16	1.8
1929185	30	19	1.8
1929240	30	19.05	1.8
1929090	30	20	1.8
1929230	30	22	1.8
1929120	30	25	1.8
1929220	30	25.4	1.8
1929165	32	15.9	1.8
1929290	32	16	1.8
1929250	32	20	1.8
1929130	32	25	1.8
1929150	32	25.4	1.8
1929135	32	30	1.8
1929105	35	20	1.8
1929140	35	30	1.8
1929295	38	32	1.8
1929190	40	25	1.8
1929195	40	30	1.8
1929297	40	32	1.8



Saw Blades

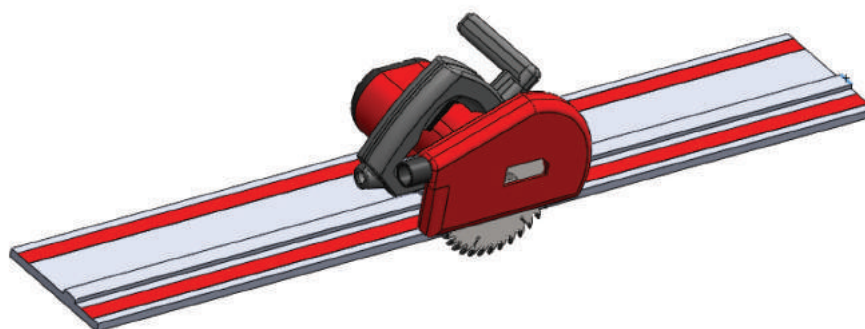
Track Saw

Saw Blade for Track Saw

D	Fits	Code No.	a°	C	B	Z	to cut material	grinding	d	Pin Holes
160	165	91332433	-6°	1.6	2.2	54	Melamine	HATB	20	2/6/32
160	165	91353103	10°	1.6	2.2	48	Plywood,Chipboard	ATB	20	2/6/32
160	165	91381603	10°	1.6	2.2	40	Plastic,Croos cut	Combination	20	2/6/32
160	165	91334013	15°	1.6	2.2	24	Rip	Trapez	20	2/6/32
160	165	91322013	5°	1.6	2.2	40	Aluminum	TCG	20	2/6/32
160	165	91329103	5°	1.6	2.2	36	Steel sheets	ATB+chamfer	20	2/6/32

D	Fits	Code No.	a°	C	B	Z	to cut material	grinding	d	Pin Holes
180	190	91332453	-6°	1.8	2.4	60	Melamine	HATB	20	2/6/32
180	190	91381633	10°	1.8	2.4	45	Plastic,Croos cut	Combination	20	2/6/32
180	190	91334033	15°	1.8	2.4	27	Rip	Trapez	20	2/6/32
180	190	91322033	5°	1.8	2.4	44	Aluminum	TCG	20	2/6/32
180	190	91329133	5°	1.8	2.4	42	Steel sheets	ATB+chamfer	20	2/6/32

D	Fits	Code No.	a°	C	B	Z	to cut material	grinding	d	Pin Holes
210	216	91332476	-6°	2	2.6	66	Melamine	HATB	30	2/7/42
210	216	91353166	10°	2	2.6	60	Plywood,Chipboard	ATB	30	2/7/42
210	216	91381666	10°	2	2.6	50	Plastic,Croos cut	Combination	30	2/7/42
210	216	91334066	15°	2	2.6	33	Rip	Trapez	30	2/7/42
210	216	91322066	5°	2	2.6	52	Aluminum	TCG	30	2/7/42
210	216	91329166	5°	2	2.6	45	Steel sheets	ATB+chamfer	30	2/7/42



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

Saw Blades

Quick Selection Guide

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

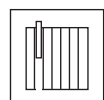
øD	Teeth	ød	B	c	Description	Code No.	Page
80	2x10	20	2.8 - 3.6	2	Adj.Scor DVF D80 Z2x10 B2.8 - 3.6 d20	90600093	32
100	20	20	3.2 - 4.1	2,2	Conic.Scor DVK D100 Z20 B3.2-4.1 d20	90600413	32
100	20	20	3.0 - 4.1	2,2	Conic.Scor DVK D100 Z20 B3.0-4.1 d20	90600513	32
100	20	22	3.2 - 4.1	2,2	Conic.Scor DVK D100 Z20 B3.2-4.1 d22	90600414	32
100	20	22	3.0 - 4.1	2,2	Conic.Scor DVK D100 Z20 B3.0-4.1 d22	90600514	32
100	24	15,87	3,9	3,2	Mill MEHAN D100 Z24 B3.9 d15.87	90200511	35
100	24	20	2.8 - 3.6		Adj.Scor D100 Z24 B2.8-3.6 d20	95610103	31
100	30	12	2,2	1,6	Trim&Cross MFW D100 Z30 B2.2 d12	9010330Z	22
100	30	15,87	3,9	3,2	Mill MEHAN D100 Z30 B3.9 d15.87	90200551	35
100	12+12				Adj.Scor D100 Z12+12	9561010Z	31
100	2x12	20	2.8 - 3.6	2	Adj.Scor DVF D100 Z2x12 B2.8 - 3.6 d20	95600103	32
100	2x12	22	2.8 - 3.6	2	Adj.Scor DVF D100 Z2x12 B2.8 - 3.6 d22	95600104	32
105	30	20	2,2	1,6	Trim&Cross MFW D105 Z30 B2.2 d20	90103353	22
115	24	22,2	3,9	3,2	Mill MEHAN D115 Z24 B3.9 d22.2	9020061A	35
115	30	22,2	3,9	3,2	Mill MEHAN D115 Z30 B3.9 d22.2	9020063A	35
120	18	22	3,35		PCD F D120 Z18 B3.35 d22	2833.120.22	16
120	24	20	3.1 - 4.3		PCD K D120 Z24 B3,1/4,3 d20	2833.120.20	16
120	24	20	2.8 - 3.6		Adj.Scor D120 Z24 B2.8-3.6 d20	95620303	31
120	24	20	3.2 - 4.1	2,2	Conic.Scor DVK D120 Z24 B3.2-4.1 d20	95600453	32
120	24	20	2.8 - 3.6	2,2	Conic.Scor DVK D120 Z24 B2.8-3.6 d20	90600443	32
120	24	22	2.8 - 3.6		Adj.Scor D120 Z24 B2.8-3.6 d22	95620304	31
120	24	22	3.2 - 4.1	2,2	Conic.Scor DVK D120 Z24 B3.2-4.1 d22	95600454	32
120	24	22	2.8 - 3.6	2,2	Conic.Scor DVK D120 Z24 B2.8-3.6 d22	90600444	32
120	12+12				Adj.Scor D120 Z12+12	9561030Z	31
120	12+12	20	2.8 - 3.6		PCD VF D120 Z12+12 B2,8/3,6 d20	2832.120.20	16
120	2x12	20	2.8 - 3.6	2	Adj.Scor DVF D120 Z2x12 B2.8 - 3.6 d20	95600303	32
120	2x12	22	2.8 - 3.6	2	Adj.Scor DVF D120 Z2x12 B2.8 - 3.6 d22	95600304	32
125	18	22	3,35		PCD F D125 Z18 B3.35 d22	2833.125.22	16
125	24	20	3.1 - 4.3		PCD K D125 Z24 B3,1/4,3 d20	2833.125.20	16
125	24	20	3	2	Trim&Cross MCW D125 Z24 B3 d20	90102103	21
125	24	20	4.4 - 5.3	3,2	Scoring DVK D125 Z24 B4.4-5.3 d20	95600793	29
125	24	20	2.8 - 3.6		Adj.Scor D125 Z24 B2.8-3.6 d20	95620403	31
125	24	20	3.2 - 4.1	2,8	Conic.Scor DVK D125 Z24 B3.2-4.1 d20	95600693	32
125	24	20	4.4 - 5.3	3,2	Scoring DVK D125 Z24 B4.4-5.3 d20	95600793	32
125	24	22	2.8 - 3.6		Adj.Scor D125 Z24 B2.8-3.6 d22	95620404	31
125	24	22	3.2 - 4.1	2,8	Conic.Scor DVK D125 Z24 B3.2-4.1 d22	95600694	32
125	24	22	4.4 - 5.3	3,2	Conic.Scor DVK D125 Z24 B4.4-5.3 d22	95600794	32
125	24	45	4.4 - 5.2		PCD K D125 Z24 B4,4/5,2 d45	2833.125.45	16
125	24	45	4.4 - 5.3	3,2	Scoring DVK D125 Z24 B4.4-5.3 d45	9560079M	29
125	30	20	3	2	Trim&Cross MEW D125 Z30 B3 d20	90103403	22
125	40	20	3	2	Trim&Cross MFW D125 Z40 B3 d20	90105203	22
125	12+12				Adj.Scor D125 Z12+12	9561040Z	31
125	12+12	22	2.8 - 3.6		PCD VF D125 Z12+12 B2,8/3,6 d22	2832.125.22	16
125	2x12	20	2.8 - 3.6	2	Adj.Scor DVF D125 Z2x12 B2.8 - 3.6 d20	95600403	32
125	2x12	22	2.8 - 3.6	2	Adj.Scor DVF D125 Z2x12 B2.8 - 3.6 d22	95600404	32
132	20	20	2,6	1,6	Trim&Cross MCW D132 Z20 B2.6 d20	90101223	21
132	36	20	2,6	1,8	Trim&Cross MFW D132 Z36 B2.6 d20	90103553	22
140	30	20	2,8	1,8	Trim&Cross MFW D140 Z30 B2.8 d20	90103453	22
140	48	20	2,8	1,8	Trim&Size MFS D140 Z48 B2.8 d20	90106043	24
150	24	30	2,3	1,6	Trim&Cross MCWD D150 Z24 B2.3 d30	90130106	20
150	24	30	3	2	Trim&Cross MCW D150 Z24 B3 d30	90102206	21
150	30	30	3	2	Trim&Cross MEW D150 Z30 B3 d30	90103506	22
150	48	20	2,8	2,2	Al.Profiles MFSAN D150 Z48 B2.8 d20	90202433	34
150	48	30	3	2	Trim&Cross MFW D150 Z48 B3 d30	90105306	22
160	4	20	2,4		PCD F D160 Z4 B2.4 d20	2814.160.20	15
160	8	20	2,4		PCD F D160 Z8 B2.4 d20	2814.160.21	15
160	24	16	2,6	1,6	Trim&Cross MCW D160 Z24 B2.6 d16	9010221E	21
160	24	20	2,2	1,6	Track MCAD D160 Z24 B2.2 d20	91334013	37

Saw Blades

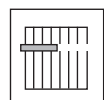
Quick Selection Guide

øD	Teeth	ød	B	c	Description	Code No.	Page
160	36	16	2,6	1,6	Trim&Cross MEW D160 Z36 B2.6 d16	9010372E	22
160	36	20	2,2	1,6	Track MEZB D160 Z36 B2.2 d20	91329103	37
160	36	45	4.4 - 5.3	3,2	Scoring DVK D160 Z36 B4.4-5.3 d45	9560195M	29
160	36	55	4.4 - 5.3		Scoring DVK D160 Z36 B4.4-5.3 d55	9560195C	29
160	40	20	2,2	1,6	Track MECD D160 Z40 B2.2 d20	91381603	37
160	40	20	2,2	1,6	Track MESAD D160 Z40 B2.2 d20	91322013	37
160	48	16	2,6	1,6	Trim&Cross MFW D160 Z48 B2.6 d16	9010532E	22
160	48	20	2,8	2,2	Al.Profiles MFSAN D160 Z48 B2.8 d20	90202443	34
160	48	20	2,2	1,6	Track MFWD D160 Z48 B2.2 d20	91353103	37
160	54	20	2,2	1,6	Track MFWDN D160 Z54 B2.2 d20	91332433	37
165	18	20	2,8	1,8	Trim&Cross MBW D165 Z18 B2.8 d20	90101203	21
170	24	20	2,6	1,6	Trim&Cross MBW D170 Z24 B2.6 d20	90102223	21
180	24	30	4.4 - 5.2		PCD K D180 Z24 B4,4-5,2 d30	2833.180.30	16
180	24	30	3	2	Trim&Cross MDW D180 Z24 B3 d30	90101306	21
180	27	20	2,4	1,8	Track MCAD D180 Z27 B2.4 d20	91334033	37
180	30	30	2,3	1,6	Trim&Cross MCWD D180 Z30 B2.3 d30	90130206	20
180	30	30	3	2	Trim&Cross MCW D180 Z30 B3 d30	90102306	21
180	30	45	4.4 - 5.3		Scoring DVK D180 Z30 B4.4-5.3 d45	9560210M	29
180	36	45	4.8 - 5.6		PCD K D180 Z36 B4,8-5,6 d45	2833.180.45	16
180	42	20	3	2	Trim&Size MES D180 Z42 B3 d20	90104683	24
180	42	20	2,4	1,8	Track MEZB D180 Z42 B2.4 d20	91329133	37
180	42	30	3	2	Trim&Cross MEW D180 Z42 B3 d30	90103806	22
180	44	20	2,4	1,8	Track MESAD D180 Z44 B2.4 d20	91322033	37
180	45	20	2,4	1,8	Track MECD D180 Z45 B2.4 d20	91381633	37
180	58	30	3	2	Trim&Cross MFW D180 Z58 B3 d30	90105406	22
180	58	30	3	2	Trim&Size MFS D180 Z58 B3 d30	90106076	24
180	58	30	2,8	2,2	Al.Profiles MFSAN D180 Z58 B2.8 d30	90202486	34
180	60	20	2,4	1,8	Track MFWDN D180 Z60 B2.4 d20	91332453	37
184	24	16	2,8	1,8	Trim&Cross MBW D184 Z24 B2.8 d16	9010131E	21
184	30	16	2,8	1,8	Trim&Cross MCW D184 Z30 B2.8 d16	9010232E	21
184	42	16	2,8	1,8	Trim&Cross MEW D184 Z42 B2.8 d16	9010385E	22
184	58	16	2,8	2,2	Al.Profiles MFSAN D184 Z58 B2.8 d16	9020245E	34
184	58	20	2,8	2,2	Al.Profiles MESAN D184 Z58 B2.8 d20	90202453	34
185	36	20	2,2	1,8	Metal MEZB D185 Z36 B2.2 d20	90209013	36
190	4	20	2,4		PCD F D190 Z4 B2.4 d20	2814.190.20	15
190	4	30	2,4		PCD F D190 Z4 B2.4 d30	2814.190.30	15
190	8	20	2,4		PCD F D190 Z8 B2.4 d20	2814.190.21	15
190	8	30	2,4		PCD F D190 Z8 B2.4 d30	2814.190.31	15
190	24	20	2,8	1,8	Trim&Cross MBW D190 Z24 B2.8 d20	90101333	21
190	36	20	2,8	1,8	Trim&Cross MCW D190 Z36 B2.8 d20	90102353	21
190	48	20	2,8	1,8	Trim&Cross MEW D190 Z48 B2.8 d20	90103953	22
190	48	20	2,8	1,8	Trim&Size MES D190 Z48 B2.8 d20	90104693	24
190	60	20	2,8	1,8	Trim&Size MFS D190 Z60 B2.8 d20	90106173	24
190	60	20	2,8	2,2	Al.Profiles MFSAN D190 Z60 B2.8 d20	90202493	34
190	60	30	2,8	2,2	Al.Profiles MFSAN D190 Z60 B2.8 d30	90202496	34
200	24	30	3	2	Trim&Cross MBW D200 Z24 B3 d30	90101406	21
200	34	30	2,3	1,6	Trim&Cross MCWD D200 Z34 B2.3 d30	90130306	20
200	34	30	3	2	Trim&Cross MCW D200 Z34 B3 d30	90102406	21
200	36	20	4.4 - 5.2		PCD K D200 Z36 B4,4/5,2 d20	2833.200.20	16
200	36	20	4.4 - 5.3	3,2	Scoring DVK D200 Z36 B4.4-5.3 d20	95602653	29
200	36	45	4.4 - 5.2		PCD K D200 Z36 B4,4/5,2 d45	2833.200.45	16
200	36	45	4.8 - 5.6		PCD K D200 Z36 B4,8/5,6 d45	2833.201.45	16
200	36	45	5.8 - 6.6		PCD K D200 Z36 B5,8/6,6 d45	2833.202.45	16
200	36	45	4.8 - 6.0	3,5	Scoring DVK D200 Z36 B4.8-6.0 d45	9560261M	29
200	36	65	4.4 - 5.3	3,2	Scoring DVK D200 Z36 B4.4-5.3 d65	9560265S	29
200	36	65	4.8 - 6.0	3,5	Scoring DVK D200 Z36 B4.8-6.0 d65	9560261S	29
200	40	30	3,2	2,2	MutiP MEC D200 Z40 B3.2 d30	90800106	26
200	48	30	3	2	Trim&Cross MEW D200 Z48 B3 d30	90104006	22

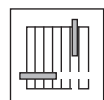
Saw Blades



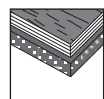
Solid Wood
Along the Grain



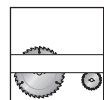
Solid Wood
Across the Grain



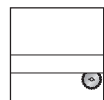
Solid Wood
Miter Joint



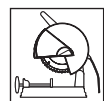
Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

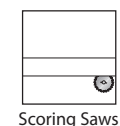
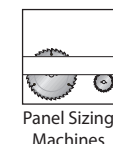
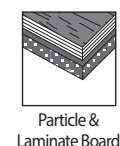
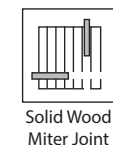
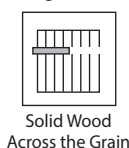


Cutting Profile
& Bars

Saw Blades

Quick Selection Guide

Saw Blades



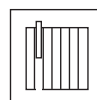
øD	Teeth	ød	B	c	Description	Code No.	Page
200	48	30	3	2	Trim&Size MES D200 Z48 B3 d30	90104706	24
200	48	30	2,8	2,2	Al.Profiles MESAN D200 Z48 B2.8 d30	90200706	34
200	64	30	2,3	1,6	Trim&Cross MFWD D200 Z64 B2.3 d30	90131406	20
200	64	30	3	2	Trim&Cross MFW D200 Z64 B3 d30	90105506	22
200	64	30	3	2	Trim&Size MFS D200 Z64 B3 d30	90106086	24
200	64	30	2,3	1,6	Trim&Size MFSD D200 Z64 B2.3 d30	90131556	27
200	64	30	2,8	2,2	Al.Profiles MFSAN D200 Z64 B2.8 d30	90202506	34
200	80	30	2,2	1,6	Trim&Cross MFWD D200 Z80 B2.2 d30	90131476	20
210	24	30	2,8	1,8	Trim&Cross MBW D210 Z24 B2.8 d30	90101416	21
210	33	30	2,6	2	Track MCAD D210 Z33 B2.6 d30	91334066	37
210	34	30	2,8	1,8	Trim&Cross MCW D210 Z34 B2.8 d30	90102416	21
210	45	30	2,6	2	Track MEZB D210 Z45 B2.6 d30	91329166	37
210	48	30	2,8	1,8	Trim&Cross MEW D210 Z48 B2.8 d30	90104016	22
210	50	30	2,6	2	Track MECD D210 Z50 B2.6 d30	91381666	37
210	52	30	2,6	2	Track MESAD D210 Z52 B2.6 d30	91322066	37
210	60	30	2,6	2	Track MFWD D210 Z60 B2.6 d30	91353166	37
210	64	30	2,8	1,8	Trim&Cross MFW D210 Z64 B2.8 d30	90105436	22
210	64	30	2,8	1,8	Trim&Size MFS D210 Z64 B2.8 d30	90106116	24
210	66	30	2,6	2	Track MFWDN D210 Z66 B2.6 d30	91332476	37
216	8	30	2,4		PCD F D216 Z8 B2.4 d30	2814.216.31	15
216	24	30	2,8	1,8	Trim&Cross MBW D216 Z24 B2.8 d30	90101426	21
216	42	50	4.4 - 5.3	3,2	Scoring DVK D216 Z42 B4.4-5.3 d50	9560270N	29
216	48	30	2,8	1,8	Trim&Cross MEW D216 Z48 B2.8 d30	90104116	22
216	48	30	2,8	1,8	Trim&Size MES D216 Z48 B2.8 d30	90104716	24
216	60	30	2,8	1,8	Trim&Cross MFW D216 Z60 B2.8 d30	90105456	22
216	60	30	2,8	1,8	Trim&Size MFS D216 Z60 B2.8 d30	90106146	24
216	64	30	2,8	2,2	Al.Profiles MFSAN D216 Z64 B2.8 d30	90202566	34
220	24	30	3	2	Trim&Cross MBW D220 Z24 B3 d30	90101456	21
220	34	30	3	2	Trim&Cross MCW D220 Z34 B3 d30	90102436	21
220	42	30	3,2	2,2	Trim&Size MCDN D220 Z42 B3.2 d30	90110656	30
220	48	30	3	2	Trim&Cross MEW D220 Z48 B3 d30	90104036	22
220	64	30	3	2	Trim&Cross MFW D220 Z64 B3 d30	90105596	22
220	64	30	3	2	Trim&Size MFS D220 Z64 B3 d30	90106126	24
220	64	30	3	2	Trim&Size Ex DFS D220 Z64 B3 d30	95006126	25
230	24	30	3	2	Trim&Cross MBW D230 Z24 B3 d30	90101506	21
230	34	30	2,3	1,6	Trim&Cross MCWD D230 Z34 B2.3 d30	90130406	20
230	40	30	3	2	Trim&Cross MCW D230 Z40 B3 d30	90102506	21
230	40	30	3,2	2,2	MutliP MEC D230 Z40 B3.2 d30	90800206	26
230	48	30	3	2	Trim&Cross MEW D230 Z48 B3 d30	90102556	22
230	60	30	3	2	Trim&Cross MEW D230 Z60 B3 d30	90105606	22
230	60	30	3	2	Trim&Size MES D230 Z60 B3 d30	90106096	24
230	60	30	2,8	2,2	Al.Profiles MESAN D230 Z60 B2.8 d30	90202606	34
235	60	30	2,8	2,2	Al.Profiles MFSAN D235 Z60 B2.8 d30	90202636	34
240	64	30	3	2	Trim&Size MES D240 Z64 B3 d30	90106186	24
250	6	30	2,4		PCD F D250 Z6 B2.4 d30	2814.250.30	15
250	12	30	2,4		PCD F D250 Z12 B2.4 d30	2814.250.31	15
250	20	30	3,2	2,2	Rip MAF D250 Z20 B3.2 d30	90100306	17
250	20	30	3,2	2,2	Rip MAFG D250 Z20 B3.2 d30	90100906	18
250	24	30	3,2	2,2	Rip MAF D250 Z24 B3.2 d30	90100406	17
250	24	30	3,2	2,2	Rip MAFG D250 Z24 B3.2 d30	90100956	18
250	24	30	3,4	2,4	Cross Cut MAWO D250 Z24 B3.4 d30	90801106	19
250	30	30	3,2	2,2	Trim&Cross MBW D250 Z30 B3.2 d30	90101606	21
250	40	30	2,3	1,6	Trim&Cross MCWD D250 Z40 B2.3 d30	90130506	20
250	40	30	3,2	2,2	Trim&Cross MCW D250 Z40 B3.2 d30	90102606	21
250	40	30	3,2	2,2	Trim&Size MCS D250 Z40 B3.2 d30	90104756	24
250	42	30	3,4	2,4	Cross Cut MCWO D250 Z42 B3.4 d30	90801206	19
250	48	30	3,2	2,2	Trim&Cross MCW D250 Z48 B3.2 d30	90102636	21
250	50	30	3,4	2,4	MutliP MEC D250 Z50 B3.4 d30	90800406	26

Saw Blades

Quick Selection Guide

øD	Teeth	ød	B	c	Description	Code No.	Page
250	60	30	3,2		PCD TF D250 Z60 B3.2 d30	2715.251.30	14
250	60	30	3,2	2,2	Trim&Cross MEW D250 Z60 B3.2 d30	90104106	22
250	60	30	3,2	2,2	Trim&Size Ex DEW D250 Z60 B3.2 d30	95004106	23
250	60	30	3,2	2,2	Trim&Size MES D250 Z60 B3.2 d30	90104806	24
250	60	30	3,2	2,6	Al.Profiles MESAN D250 Z60 B3.2 d30	90200806	34
250	72	30	3,2	2,4	Trim&Size MFSO D250 Z72 B3.2 d30	90141656	27
250	80	30	2,3	1,6	Trim&Cross MEWD D250 Z80 B2.3 d30	90131606	20
250	80	30	3,2	2,2	Trim&Cross MFW D250 Z80 B3.2 d30	90105706	22
250	80	30	3,4	2,6	Trim&Size MFWTN D250 Z80 B3.4 d30	90302706	23
250	80	30	3,4	2,6	Trim&Size DFMTN D250 Z80 B3.4 d30	95302706	23
250	80	30	3,2	2,2	Trim&Size Ex DFW D250 Z80 B3.2 d30	95005706	23
250	80	30	3,2	2,2	Trim&Size MFS D250 Z80 B3.2 d30	90106106	24
250	80	30	3,2	2,2	Trim&Size Ex DFS D250 Z80 B3.2 d30	95006106	25
250	80	30	2,3	1,6	Trim&Size MFSO D250 Z80 B2.3 d30	90131756	27
250	80	30	2,5	1,8	Pl.Trim&Size MFUP D250 Z80 B2.5 d30	90107036	33
250	80	30	3,2	2,6	Al.Profiles MFSAN D250 Z80 B3.2 d30	90202706	34
250	100	30	2,3	1,6	Trim&Cross MFWD D250 Z100 B2.3 d30	90131676	20
250	100	30	2,3	1,6	Trim&Size MFSO D250 Z100 B2.3 d30	90131776	27
250	100	30	3,2	2,6	Al.Profiles MFSAN D250 Z100 B3.2 d30	90202756	34
250	18+2	30	3,2	2,2	MRip MAFM D250 Z18+2 B3.2 d30	90400106	19
250	18+2	70	3,2	2,2	MRip MAFM D250 Z18+2 B3.2 d70	90400100	19
253	48	30	3,2	2,2	Trim&Size MCD D253 Z48 B3.2 d30	90110106	30
253	48	30	3,2	2,2	Trim&Size MCDN D253 Z48 B3.2 d30	90110136	30
275	72	32	3,2	2,6	Al.Profiles MESAN D275 Z72 B3.2 d32	90200857	34
300	24	30	3,2	2,2	Rip MAF D300 Z24 B3.2 d30	90100506	17
300	24	30	4,4	2,8	Rip MAFT D300 Z24 B4.4 d30	90120306	17
300	24	30	3,2	2,2	Rip MAFG D300 Z24 B3.2 d30	90101006	18
300	24	70	3,2	2,2	Rip MAF D300 Z24 B3.2 d70	90100500	17
300	24	70	3,2	2,2	Rip MAFG D300 Z24 B3.2 d70	90101000	18
300	28	30	3,2	2,2	Rip MAFG D300 Z28 B3.2 d30	90101046	18
300	28	70	3,2	2,2	Rip MAFG D300 Z28 B3.2 d70	90101040	18
300	30	30	3,2	2,2	Rip MAF D300 Z30 B3.2 d30	90100606	17
300	36	30	3,8	2,8	Cross Cut MBWO D300 Z36 B3.8 d30	90801306	19
300	36	30	3,2	2,2	Trim&Cross MBW D300 Z36 B3.2 d30	90101706	21
300	48	30	2,3	1,6	Trim&Cross MCWD D300 Z48 B2.3 d30	90130606	20
300	48	30	3,2	2,2	Trim&Cross MCW D300 Z48 B3.2 d30	90102706	21
300	48	50	4.4 - 5.3	3,2	Scoring DVK D300 Z48 B4.4-5.3 d50	9560280N	29
300	60	30	3,2		PCD TF D300 Z60 B3.2 d30	2715.301.31	14
300	60	30	3,2	2,2	Trim&Cross MEW D300 Z60 B3.2 d30	90104206	22
300	60	30	3,2	2,2	Trim&Size MES D300 Z60 B3.2 d30	90104856	24
300	60	30	3,8	2,8	MutliP MEC D300 Z60 B3.8 d30	90800506	26
300	72	30	3,2		PCD TF D300 Z72 B3.2 d30	2715.301.30	14
300	72	30	3,2	2,2	Trim&Cross MEW D300 Z72 B3.2 d30	90104306	22
300	72	30	3,2	2,2	Trim&Size Ex DEW D300 Z72 B3.2 d30	95004306	23
300	72	30	3,2	2,2	Trim&Size MES D300 Z72 B3.2 d30	90104906	24
300	72	30	3,2	2,2	Trim&Size Ex DES D300 Z72 B3.2 d30	95004906	25
300	72	30	3,2	2,6	Al.Profiles MESAN D300 Z72 B3.2 d30	90200906	34
300	80	30	3,4	2,8	Al.Bars MFTA D300 Z80 B3.4 d30	90254006	35
300	84	30	3,2	2,4	Trim&Size MFSO D300 Z84 B3.2 d30	90141756	27
300	96	30	3,2		PCD TF D300 Z96 B3.2 d30	2715.303.30	14
300	96	30	2,3	1,6	Trim&Cross MFWD D300 Z96 B2.3 d30	90131706	20
300	96	30	3,2	2,2	Trim&Cross MFW D300 Z96 B3.2 d30	90105806	22
300	96	30	3,4	2,6	Trim&Size MFWTN D300 Z96 B3.4 d30	90302806	23
300	96	30	3,2	2,2	Trim&Size Ex DFW D300 Z96 B3.2 d30	95005806	23
300	96	30	3,2	2,2	Trim&Size MFS D300 Z96 B3.2 d30	90106206	24
300	96	30	3,2	2,2	Trim&Size Ex DFS D300 Z96 B3.2 d30	95006206	25
300	96	30	3,2	2,2	Trim&Size BST BFS D300 Z96 B3.2 d30	97006206	25
300	96	30	3,2	2,2	DTOP DTOP D300 Z96 B3.2 d30	95406256	26

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

Saw Blades

Quick Selection Guide

Saw Blades



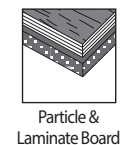
Solid Wood
Along the Grain



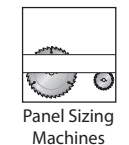
Solid Wood
Across the Grain



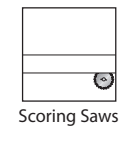
Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

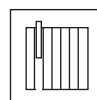
øD	Teeth	ød	B	c	Description	Code No.	Page
300	96	30	2,3	1,6	Trim&Size MFSD D300 Z96 B2.3 d30	90131856	27
300	96	30	3,3	2,6	Pl.Trim&Size MFUP D300 Z96 B3.3 d30	90107066	33
300	96	30	3,2	2,6	Al.Profiles MFSAN D300 Z96 B3.2 d30	90202806	34
300	100	30	3	2,2	Trim&Cross DFCC D300 Z100 B3 d30	96035306	20
300	20+2+2	30	3,2	2,2	Rip MAFGM D300 Z20+2+2 B3.2 d30	90400356	18
300	20+2+2	30	3,2	2,2	MRip MAFM D300 Z20+2+2 B3.2 d30	90400306	19
300	20+2+2	70	3,2	2,2	MRip MAFM D300 Z20+2+2 B3.2 d70	90400300	19
303	60	30	3,3	2,4	Trim&Size MED D303 Z60 B3.3 d30	90110256	30
303	60	30	3,2	2,2	Trim&Size MEDN D303 Z60 B3.2 d30	90110856	30
305	60	25,4	2,2	1,8	Metal MWZB D305 Z60 B2.2 d25.4	90210005	36
305	60	30	4,4	3	Panel DESTT D305 Z60 B4.4 d30	95531056	28
305	60	80	4,4	3	Panel DESTT D305 Z60 B4.4 d80	9553105U	28
305	80	25,4	2,2	1,8	Metal MFZB D305 Z80 B2.2 d25.4	90210055	36
320	60	65	4,4	3,2	Panel DESTT D320 Z60 B4.4 d65	9553350S	28
330	80	32	3,2	2,6	Al.Profiles MESAN D330 Z80 B3.2 d32	90200957	34
330	102	32	3,2	2,6	Al.Profiles MFSAN D330 Z102 B3.2 d32	90202857	34
350	28	30	3,5	2,5	Rip MAF D350 Z28 B3.5 d30	90100706	17
350	28	30	4,4	2,8	Rip MAFT D350 Z28 B4.4 d30	90120506	17
350	28	30	3,5	2,5	Rip MAFG D350 Z28 B3.5 d30	90101106	18
350	32	30	3,5	2,5	Rip MAFG D350 Z32 B3.5 d30	90101136	18
350	36	30	3,5	2,5	Trim&Cross MBW D350 Z36 B3.5 d30	90101796	21
350	42	30	4,2	2,8	Cross Cut MBWO D350 Z42 B4.2 d30	90801506	19
350	42	30	3,5	2,5	Trim&Cross MBW D350 Z42 B3.5 d30	90101806	21
350	54	30	2,3	1,6	Trim&Cross MCWD D350 Z54 B2.3 d30	90130706	20
350	54	30	3,5	2,5	Trim&Cross MCW D350 Z54 B3.5 d30	90102806	21
350	54	30	3,5	2,5	Trim&Size MCS D350 Z54 B3.5 d30	90102856	24
350	70	30	3,8	2,8	MutliP MEC D350 Z70 B3.8 d30	90800606	26
350	72	30	3,5	2,5	Trim&Cross MEW D350 Z72 B3.5 d30	90104406	22
350	72	30	3,5	2,5	Trim&Size Ex DEW D350 Z72 B3.5 d30	95004406	23
350	72	30	3,5	2,5	Trim&Size MES D350 Z72 B3.5 d30	90104956	24
350	72	30	3,5	2,5	Trim&Size Ex DES D350 Z72 B3.5 d30	95004956	25
350	72	30	4,4	3,2	Panel DESTT D350 Z72 B4.4 d30	95531136	28
350	72	30	3,2	2,2	Trim&Size MED D350 Z72 B3.2 d30	90110306	30
350	84	30	3,5		PCD TF D350 Z84 B3.5 d30	2715.350.30	14
350	84	30	3,5	2,5	Trim&Cross MEW D350 Z84 B3.5 d30	90104506	22
350	84	30	3,5	2,5	Trim&Size Ex DEW D350 Z84 B3.5 d30	95004506	23
350	84	30	3,5	2,5	Trim&Size MES D350 Z84 B3.5 d30	90105006	24
350	84	30	3,5	2,5	Trim&Size Ex DES D350 Z84 B3.5 d30	95005006	25
350	84	30	3,5	2,5	Trim&Size BST BES D350 Z84 B3.5 d30	97005006	25
350	84	30	3,2	2,6	Al.Profiles MESAN D350 Z84 B3.2 d30	90201006	34
350	96	30	3,3	2,5	Trim&Size MFSO D350 Z96 B3.3 d30	90141856	27
350	108	30	3,5		PCD TF D350 Z108 B3.5 d30	2715.351.30	14
350	108	30	2,3	1,6	Trim&Cross MFWD D350 Z108 B2.3 d30	90131806	20
350	108	30	3,5	2,5	Trim&Cross MFW D350 Z108 B3.5 d30	90105906	22
350	108	30	3,4	2,6	Trim&Size MFWTN D350 Z108 B3.4 d30	90302906	23
350	108	30	3,5	2,5	Trim&Size Ex DFW D350 Z108 B3.5 d30	95005906	23
350	108	30	3,5	2,5	Trim&Size MFS D350 Z108 B3.5 d30	90106306	24
350	108	30	3,5	2,5	Trim&Size Ex DFS D350 Z108 B3.5 d30	95006306	25
350	108	30	3,7	3	Pl.Trim&Size MFUP D350 Z108 B3.7 d30	90107096	33
350	108	30	3,2	2,6	Al.Profiles MFSAN D350 Z108 B3.2 d30	90202906	34
350	110	30	3,4	2,5	DTOP DTOP D350 Z110 B3.4 d30	95406356	26
350	24+2+2	30	3,5	2,5	Rip MAFGM D350 Z24+2+2 B3.5 d30	90400556	18
350	24+2+2	30	3,5	2,5	MRip MAFM D350 Z24+2+2 B3.5 d30	90400506	19
350	24+2+2	70	3,5	2,5	MRip MAFM D350 Z24+2+2 B3.5 d70	90400500	19
355	72	30	4,4	3	Panel DESTT D355 Z72 B4.4 d30	95531156	28
355	72	60	4,4	3	Panel DESTT D355 Z72 B4.4 d60	9553115R	28
355	72	75	4,4	3	Panel DESTT D355 Z72 B4.4 d75	9553115T	28
355	72	80	4,4	3	Panel DESTT D355 Z72 B4.4 d80	9553115U	28

Saw Blades

Quick Selection Guide

øD	Teeth	ød	B	c	Description	Code No.	Page
355	80	25,4	2,4	2	Metal MFZB D355 Z80 B2.4 d25.4	90210105	36
380	48	30	2,7	2	Trim&Cross MCWD D380 Z48 B2.7 d30	90130806	20
380	72	60	4,8	3,5	Panel DESTT D380 Z72 B4.8 d60	9553123R	28
380	72	80	4,8	3,5	Panel DESTT D380 Z72 B4.8 d80	9553123U	28
380	72	80	4,4	3,5	Panel DESTT D380 Z72 B4.4 d80	9553121U	28
380	100	30	2,7	2	Trim&Cross MFWD D380 Z100 B2.7 d30	90131906	20
380	100	30	2,8	2,2	Al.Profiles MESAN D380 Z100 B2.8 d30	90202956	34
400	18	30	3,5	2,5	Rip MAFG D400 Z18 B3.5 d30	90101146	18
400	28	30	3,5	2,5	Rip MAFG D400 Z28 B3.5 d30	90101156	18
400	32	30	3,5	2,5	Rip MAF D400 Z32 B3.5 d30	90100806	17
400	32	30	4	3	Rip MAFT D400 Z32 B4 d30	90121106	17
400	32	30	4,4	3	Rip MAFT D400 Z32 B4.4 d30	90120906	17
400	48	30	4,2	3	Cross Cut MBWO D400 Z48 B4.2 d30	90801706	19
400	48	30	3,5	2,5	Trim&Cross MBW D400 Z48 B3.5 d30	90101906	21
400	60	30	3,5	2,5	Trim&Cross MCW D400 Z60 B3.5 d30	90102906	21
400	72	30	4,4	3,2	Panel DESTT D400 Z72 B4.4 d30	95531306	28
400	72	75	4,4	3,2	Panel DCSTT D400 Z72 B4.4 d75	9553130T	28
400	72	80	4,4	3,2	Panel DESTT D400 Z72 B4.4 d80	9553132U	28
400	80	30	4	3	MutiP MEC D400 Z80 B4 d30	90800706	26
400	96	30	3,5	2,5	Trim&Cross MEW D400 Z96 B3.5 d30	90104606	22
400	96	30	3,5	2,5	Trim&Size MES D400 Z96 B3.5 d30	90105106	24
400	96	30	3,8	3,2	Al.Profiles MESAN D400 Z96 B3.8 d30	90201106	34
400	108	30	3,3	2,5	Trim&Size MFSO D400 Z108 B3.3 d30	90141956	27
400	120	30	3,5	2,5	Trim&Cross MFW D400 Z120 B3.5 d30	90106006	22
400	120	30	4	3,2	Trim&Size MFWTN D400 Z120 B4 d30	90303006	23
400	120	30	3,5	2,5	Trim&Size MFS D400 Z120 B3.5 d30	90106406	24
400	120	30	3,8	3,2	Al.Profiles MFSAN D400 Z120 B3.8 d30	90203006	34
420	96	30	4	3,4	Al.Profiles MESAN D420 Z96 B4 d30	90203406	34
430	72	80	4,4	3,2	Panel DESTT D430 Z72 B4.4 d80	9553150U	28
430	96	75	4,4	3,2	Panel DESTT D430 Z96 B4.4 d75	9553155T	28
450	32	30	4	2,8	Rip MAF D450 Z32 B4 d30	90100846	17
450	40	30	4	2,8	Rip MAFG D450 Z40 B4 d30	90101166	18
450	54	30	4	2,8	Trim&Cross MBW D450 Z54 B4 d30	90102006	21
450	66	30	4	2,8	Trim&Cross MCW D450 Z66 B4 d30	90103006	21
450	72	30	4,4	3,2	Panel DCSTT D450 Z72 B4.4 d30	95531606	28
450	72	60	4,4	3,2	Panel DCSTT D450 Z72 B4.4 d60	9553160R	28
450	72	60	4,8	3,5	Panel DCSTT D450 Z72 B4.8 d60	9553170R	28
450	72	80	4,4	3,2	Panel DESTT D450 Z72 B4.4 d80	9553160U	28
450	72	80	4,8	3,5	Panel DCSTT D450 Z72 B4.8 d80	9553170U	28
450	100	30	4	3,4	Al.Bars META D450 Z100 B4 d30	90250406	35
450	108	30	4	2,8	Trim&Cross MEW D450 Z108 B4 d30	90104626	22
450	108	30	4	2,8	Trim&Size MES D450 Z108 B4 d30	90105156	24
450	108	30	4	3,4	Al.Profiles MESAN D450 Z108 B4 d30	90204006	34
450	120	30	4	3,4	Al.Profiles MFSAN D450 Z120 B4 d30	90204106	34
450	132	30	4	2,8	Trim&Cross MFW D450 Z132 B4 d30	90106036	22
460	72	30	4,4	3,2	Panel DCSTT D460 Z72 B4.4 d30	95531746	28
500	36	30	4,4	3	Rip MAF D500 Z36 B4.4 d30	90100856	17
500	44	30	4,4	3	Rip MAFG D500 Z44 B4.4 d30	90101186	18
500	60	30	4,4	3	Trim&Cross MBW D500 Z60 B4.4 d30	90102056	21
500	60	60	4,8	3,5	Panel DCSTT D500 Z60 B4.8 d60	9553185R	28
500	72	30	4,4	3	Trim&Cross MCW D500 Z72 B4.4 d30	90103206	21
500	120	30	4,4	3	Trim&Cross MEW D500 Z120 B4.4 d30	90104636	22
500	120	30	4,4	3,8	Al.Profiles MESAN D500 Z120 B4.4 d30	90204206	34
550	100	30	4,4	3,8	Al.Bars MCTA D550 Z100 B4.4 d30	90256066	35
550	120	30	4,4	3,8	Al.Bars META D550 Z120 B4.4 d30	90256066	35
600	72	60	5,8	4	Panel DCST D600 Z72 B5.8 d60	9553301R	28

Saw Blades



Solid Wood
Along the Grain



Solid Wood
Across the Grain



Solid Wood
Miter Joint



Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

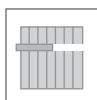


Cutting Profile
& Bars

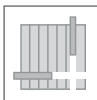
Saw Blades



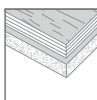
Solid Wood
Along the Grain



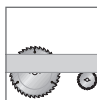
Solid Wood
Across the Grain



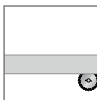
Solid Wood
Miter Joint



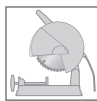
Particle &
Laminate Board



Panel Sizing
Machines



Scoring Saws

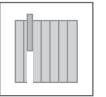


Cutting Profile
& Bars





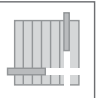
Saw Blades



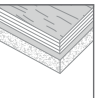
Solid Wood
Along the Grain



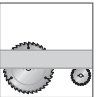
Solid Wood
Across the Grain



Solid Wood
Miter Joint



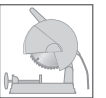
Particle &
Laminate Board



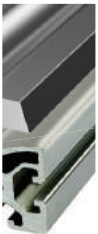
Panel Sizing
Machines



Scoring Saws



Cutting Profile
& Bars

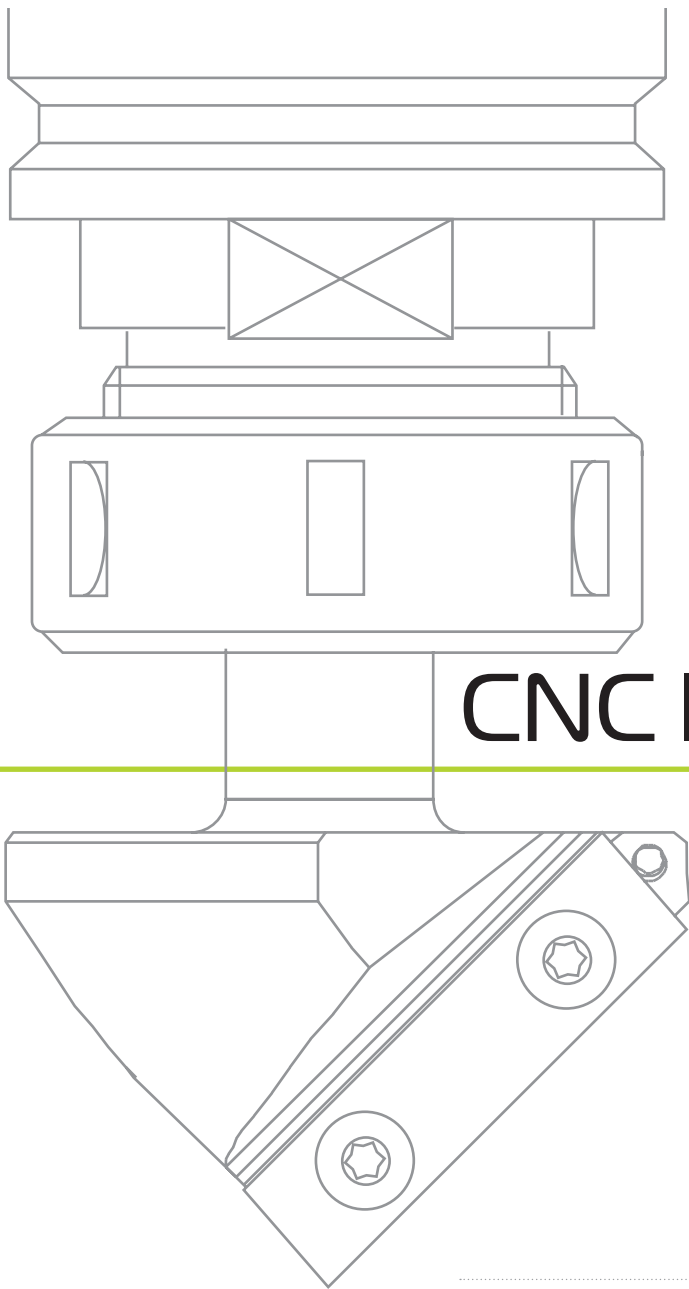


CNC

For decades, Dimar has been at the forefront of growing industry demands for top-quality CNC cutting tools for wood, man-made board, plastics and advanced materials. Fully automated precision machinery, dedicated quality control equipment and the use of only the highest quality raw materials, has allowed Dimar to offer a world-class selection of superior cutting tool options for CNC operations; from the basic to the most advanced. Our technical know-how and ongoing research and development has resulted in the continuous introduction of new and innovative solutions.

Featured New Tools for CNC Applications

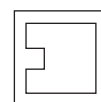
- ***DnamicX2 - The Ultimate in Router Bits:*** New generation long-lasting straight router bits specially engineered for increased tool life. For CNC operation on man-made wood board, plastic, solid surfaces, hard wood and soft wood.
- ***Spoilboard Surfacing Router:*** Three family groups available for planing, solid wood and man-made board, and spoilboard surfacing operations.
- ***Round Over Point Cutter:*** Adaptable design features replaceable knives and same tool height with different radii. For MDF door frame and carving on CNC machines.
- ***Small Adjustable Chamfer Cutter:*** Designed for smaller CNC machines working in smaller sizes in all types of wood.
- ***Diamond Tools (PCD):*** A selection of quality PCD tools for CNC operations. High durability, long-life cutting quality and reliability. on man-made wood board, plastic, solid surfaces, hard and soft wood.



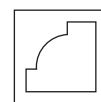
CNC INDEX

Illustrated Visual Index	48	49
Technical Information	50	- 53
 Diamond (PCD) tool NEW	54	- 60
Grooving & Sizing	61	- 79
Profiling & Chamfering	80	- 89
Door Frame & Panel	90	- 110
Jointing & Rebating	111	
Carving	112	- 116
Clamping Systems & Adapters	117	- 118

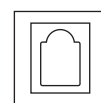
CNC



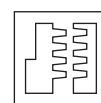
Grooving
& Sizing



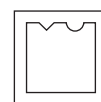
Profiling &
Chamfering



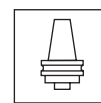
Door Frame
& Panel



Jointing &
Rebating



Carving



Clamping
Systems &
Adapters

Grooving
& SizingProfiling &
ChamferingDoor Frame
& PanelJointing &
Rebating

Carving

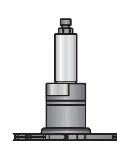
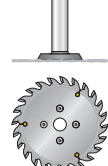
Clamping
Systems &
Adapters

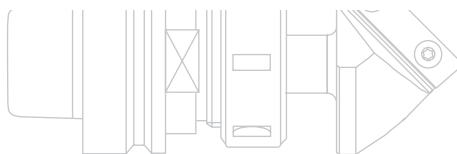
					
PCD - Eco Z1+1	PCD - Eco Z1+2	PCD - Z2+1 Superior	PCD - Z3+1 Helical	PCD - 45° 4 Wings	PCD - 54° 4 Wings
54	55	55	56	56	57

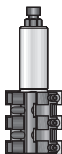
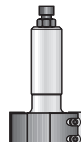
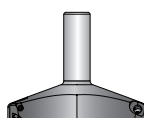
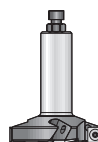
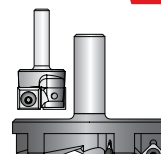
					
PCD - Nesting Heavy Steel - 2+1 Wings	PCD - Nesting Heavy Steel 3+3+1 Wings	PCD - Grooving Router Cutter Z1	PCD - Grooving Router Cutter Z2	PCD - Grooving Positive & Negative Z1+1	PCD - T-Slot Cutters for Aluminum Profile Grooving
57	58	58	59	59	60

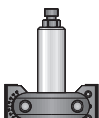
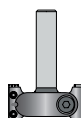
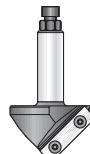
					
Dnamic X2	Solid Carbide Roughing Spiral Three Flute	Solid Carbide Roughing Spiral Multi Flutes	Multiple Cutting Edge Up & Down Shear Router Cutter	Solid Carbide Straight Router Cutter Double Flute	Solid Carbide Double Flute Spiral
61	62	62	63	63	64

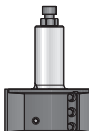
						
Solid Carbide Double Flute Spiral - for Solid Wood	Solid Carbide Double Flute Spiral - 8mm Shank	Solid Carbide Spiral Three Flute	Straight Router Cutter	Straight Router Cutter with Plunge Center Tip	Straight Router Cutter	Solid Carbide Up & Down Spiral Single Flute-for Solid Wood
64	65	65	66	67	68	68

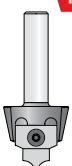
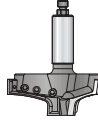
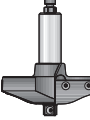
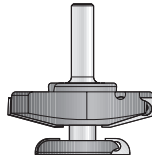
						
Straight Up & Down Shear Router Cutter	Solid Carbide Up & Down Spiral Double Flute	3 Flute Compression Spiral for Nesting Operations	Spiral Cutter for Lock Case	Router Cutter for Lock Case	Adjustable Grooving 4-15.5 mm Cutter	Saw blades for Cutting & Grooving
69	69	70	71	71	72	73

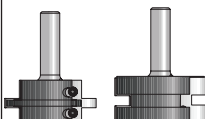
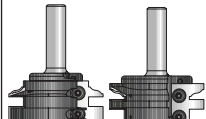
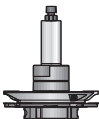
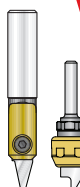
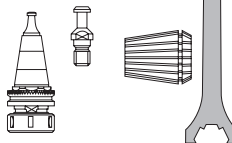


			 NEW		 NEW
Rough Rebating Router Cutter	Straight Rebater Router Cutter with Scorers	Straight Router Cutter with Scorers	Planing & Rebating Router Cutter	Planing & Rebating Router Cutter	Planing & Rebating Router Cutter
74	75	76	77	78	79

	 NEW			 NEW	
Adjustable Bevel Router Cutter	Adjustable Bevel Router Cutter	V - Groove Router Cutter	Solid Carbide Grooving & Engraving	Spiral Taper Ballnose For Plastic , MDF & Non ferrous metals.	Grooving & Engraving Router Cutter
80	81	82-83	84	84	84

	 NEW				
Solid Carbide Radius Grooving	Ball Nose End Mill	Ball Groovers Router Cutter	Rounding & Chamfering Router Cutter Set	Multi Profile Router Cutter	Multi Face Profile Router Cutter
85	85	86	87	88-89	92

 NEW						
Round Over Point Cutting	Multi-Face Profile Router Cutter	Multi-Edge Profile Router cutter	Multi Purpose Profile Router Cutter	Multi Frame Profile Router Cutter	Multi Profile Raised Panel Router Cutter	Raised Panel Router Cutter
95	96	97	98	99	100-101	102-104

				 NEW	
Tongue & Groove Router Cutter Set	Tongue & Groove Classic Router Cutter Set	Counter - Profile CNC Router Set	Finger Joint Router Cutter	Multiple Cutting EdgeUp & Down Shear Router Cutter	Tool holder for CNC machine
105	106-107	108-110	111	112-116	117-119



Grooving & Sizing



Profiling & Chamfering



Door Frame & Panel



Jointing & Rebating



Carving

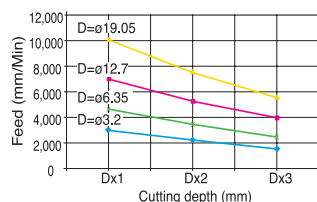


Clamping Systems & Adapters

Convenient feed rate charts are provided to assist you in selecting the right spiral family tool group best suited for working with different types of wood and laminate materials.

Values provided in the charts are recommendations only. Many external factors can influence the cutting process, including inconsistencies in the wood; wood fiber direction, wood type, wood humidity and also clamping stiffness, machine stiffness, etc. Each of these variables, alone or combined, can affect cutting conditions.

For any new application, it is recommended to increase feed rate gradually, checking the cutting quality as you go. If acceptable, continue to increase the feed rate to recommended values. Please note, the larger the chip-per-tip (high feed rate), the tool life will be increased.



R.P.M. = 18,000

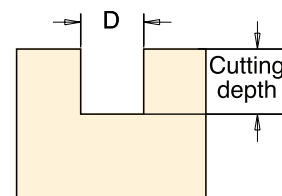
How to use the feed rate charts.

Each chart relates to a particular tool family for use with a different type of wood or material. Each line relates to the cutting diameter of the tool. If you cannot find the exact diameter you require, please approximate the value within the existing lines.

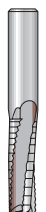
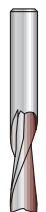
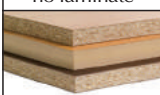
Chart values are based on a rotation speed of 18,000 RPM. Changing the rotation speed will influence the feed rate proportionally. For example, if the tool rotates at 12,000 RPM you will need to decrease the feed rate by 12,000/18,000. Values attributed to cutting depth or wood thickness relate to cutting diameter. For example, if the cutting diameter is 10 mm and wood thickness is 20 mm, cutting depth is 2xD.

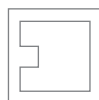
Step-by-step

1. Select the correct chart according to the tool family and wood type.
2. Locate the desired line on the chart according to diameter size.
3. Evaluate your wood thickness according to the cutting diameter i.e. 1xD or 2xD, 1.5x D etc.
4. Find the correct feed rate according to the wood thickness on the chart.

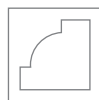


Selecting The Right Tool Family

							
	✓✓✓ Excellent	✓✓✓ Excellent	✗ Not Recommended	✓✓✓ Excellent	✗ Not Recommended	✓✓ Good	✓✓ Good
	✓ Fair	✓✓ Good	✗ Not Recommended	✓✓✓ Excellent	✗ Not Recommended	✓✓✓ Excellent	✓✓✓ Excellent
	✓✓✓ Excellent	✓ Fair	✓✓✓ Excellent	✓✓ Good	✓✓✓ Excellent	✓✓ Good	✓✓ Good
	✓✓✓ Excellent	✓✓ Good	✓✓✓ Excellent	✓✓ Good	✓✓✓ Excellent	✓ Fair	✓ Fair



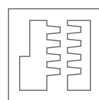
Grooving
& Sizing



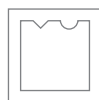
Profiling &
Chamfering



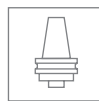
Door Frame
& Panel



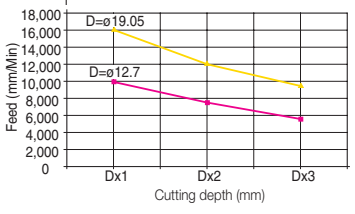
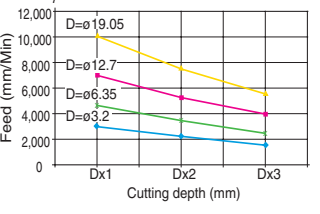
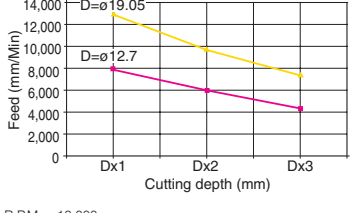
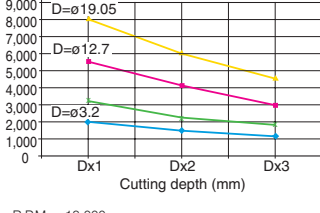
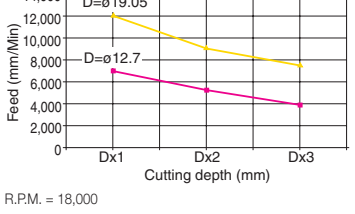
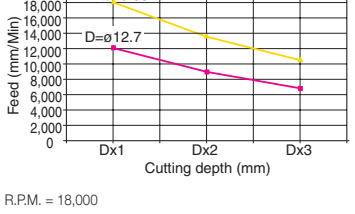
Jointing &
Rebating

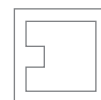


Carving

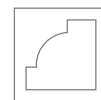


Clamping
Systems &
Adapters

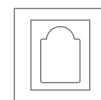
	 Routing Spiral Z=3	 Up Shear & Down Shear Z=2
 Plywood / Partice Boards no laminate	 R.P.M. = 18,000	 R.P.M. = 18,000
 Plywood / Partice Boards Laminate	 R.P.M. = 18,000	 R.P.M. = 18,000
 Hard Wood	 R.P.M. = 18,000	
 Soft Wood	 R.P.M. = 18,000	



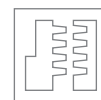
Grooving
& Sizing



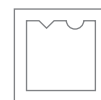
Profiling &
Chamfering



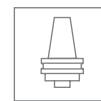
Door Frame
& Panel



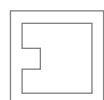
Joining &
Rebating



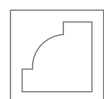
Carving



Clamping
Systems &
Adapters



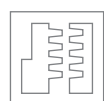
Grooving
& Sizing



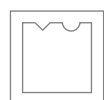
Profiling &
Chamfering



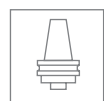
Door Frame
& Panel



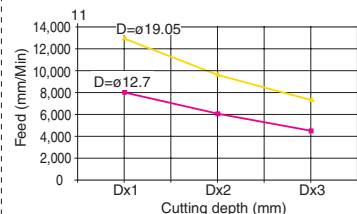
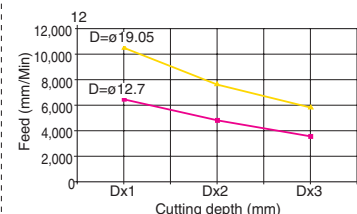
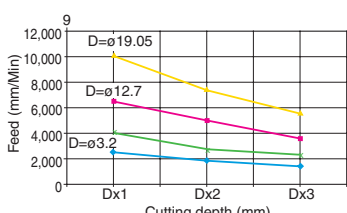
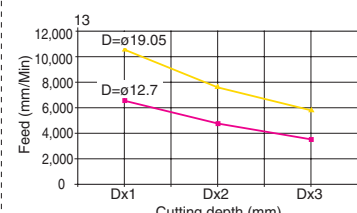
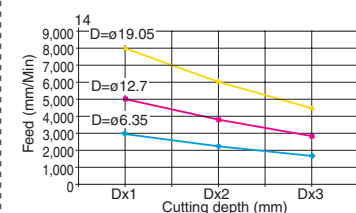
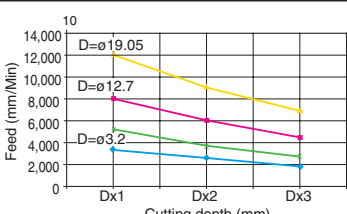
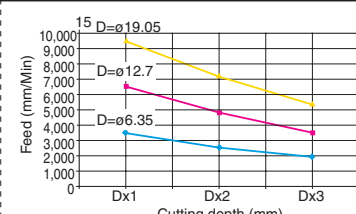
Jointing &
Rebating

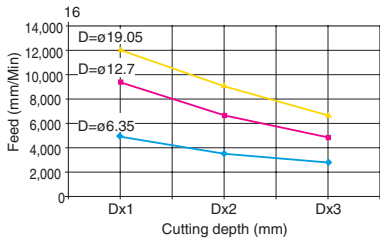
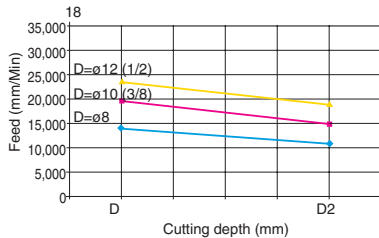
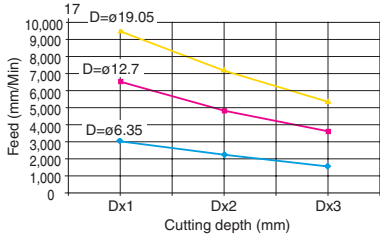


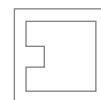
Carving



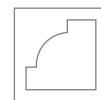
Clamping
Systems &
Adapters

	 Up Shear & Down Shear Z=2 Solid Wood	 Up Shear & Down Shear Z=3	 Compression Z=1 Solid
 Plywood / Partice Boards no laminate		 R.P.M. = 18,000	
 Plywood / Partice Boards Laminate		 R.P.M. = 18,000	
 Hard Wood	 R.P.M. = 18,000	 R.P.M. = 18,000	 R.P.M. = 18,000
 Soft Wood	 R.P.M. = 18,000		 R.P.M. = 18,000

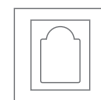
	 Compression Z=2	 Compression Z=3
 Plywood / Partice Boards no laminate	 R.P.M. = 18,000	 R.P.M. = 24,000
 Plywood / Partice Boards Laminate	 R.P.M. = 18,000	



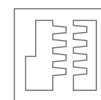
Grooving
& Sizing



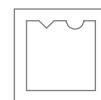
Profiling &
Chamfering



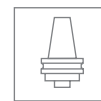
Door Frame
& Panel



Jointing &
Rebating



Carving



Clamping
Systems &
Adapters

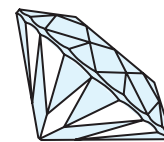
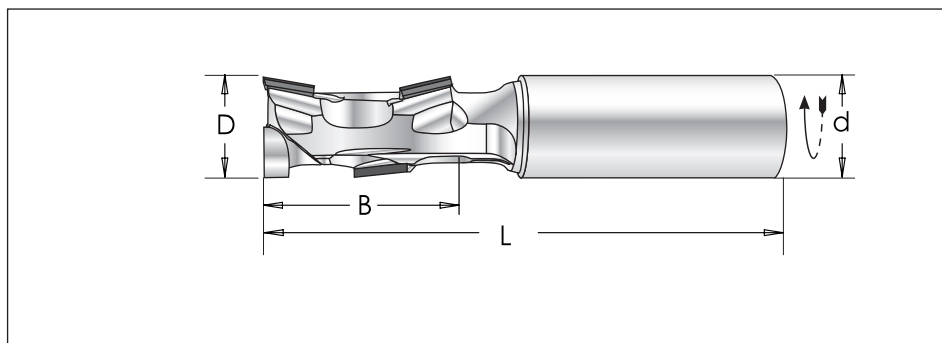


PCD - Eco Z1+1

NEW

Properties: Economical diamond router. Diamond height H=2.5 mm. 3 helicoidal wings, positive and negative cutters. Can be resharpened up to 2-3 times.

Application: Suitable for panels made of chipboard, coated, laminated and MDF.



Code No.											
øD	RH		LH		B	Tips	Plunge	L	ød	n	m/min.
8	6830.008.20		6830.108.20		20	2	HW	65	10	18,000-24,000	2-3
10	6830.010.27		6830.110.27		27	3	HW	75	10	18,000-24,000	2-3
12	6830.012.25		6830.112.25		25	3	HW	75	12	18,000-24,000	2-3
	6830.012.35		6830.112.35		35	4	HW	80	12	18,000-24,000	2-3
16	6830.016.27		6830.116.27		27	3	HW	85	16	18,000-24,000	2-3
	6830.216.27	■	6830.316.27	■	27	3	HW	85	20	18,000-24,000	2-3
	6830.016.34		6830.116.34		34	4	HW	95	16	18,000-24,000	2-3
	6830.216.34	■	6830.316.34	■	34	4	HW	95	20	18,000-24,000	2-3
	6830.016.43		6830.116.43		43	5	HW	105	16	18,000-24,000	2-3
	6830.216.43		6830.316.43		43	5	HW	105	20	18,000-24,000	2-3
18	6830.018.25	■	6830.118.25	■	25	3	HW	95	16	18,000-24,000	2-3
	6830.218.25		6830.318.25		25	3	HW	95	20	18,000-24,000	2-3
	6830.418.34	■	6830.518.34	■	34	4	HW	95	18	18,000-24,000	2-3
	6830.218.34	■	6830.318.34	■	34	4	HW	95	20	18,000-24,000	2-3
	6830.418.43	■	6830.518.43	■	43	5	HW	105	18	18,000-24,000	2-3
	6830.218.43		6830.318.43		43	5	HW	105	20	18,000-24,000	2-3
20	6830.220.25		6830.320.25		25	3	HW	95	20	18,000-24,000	2-3
	6830.220.34	■	6830.320.34	■	34	4	HW	95	20	18,000-24,000	2-3
	6830.220.43		6830.320.43		43	5	HW	105	20	18,000-24,000	2-3
	6830.220.52		6830.320.52		52	6	HW	110	20	18,000-24,000	2-3
	6830.220.58		6830.320.58		58	7	HW	120	20	18,000-24,000	2-3

■ Available upon request

CNC



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating



Carving

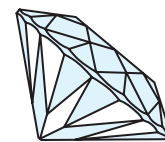
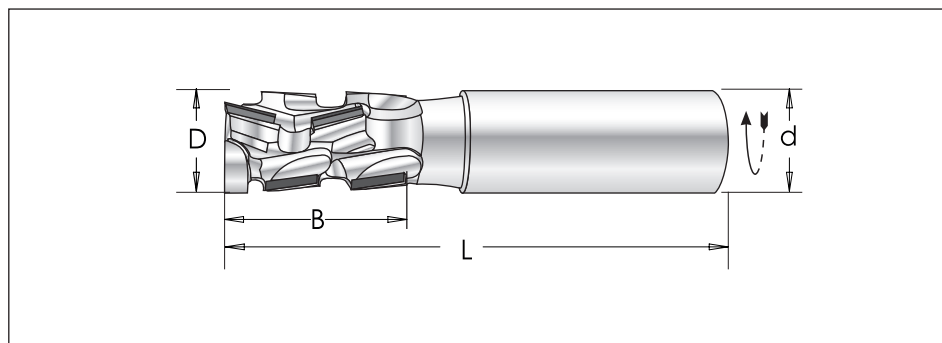


Clamping
Systems &
Adapters

 PCD - Eco Z2+1
NEW

Properties: Economical diamond router. Diamond height H=2.5 mm. 4 wings, 2 cutters engaged on all cutting points, positive and negative cutters. Can be resharpened up to 2-3 times.

Application: Suitable for panels made of chipboard, coated, laminated and MDF. Good finishing, good feed rate and low noise.



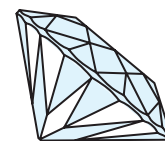
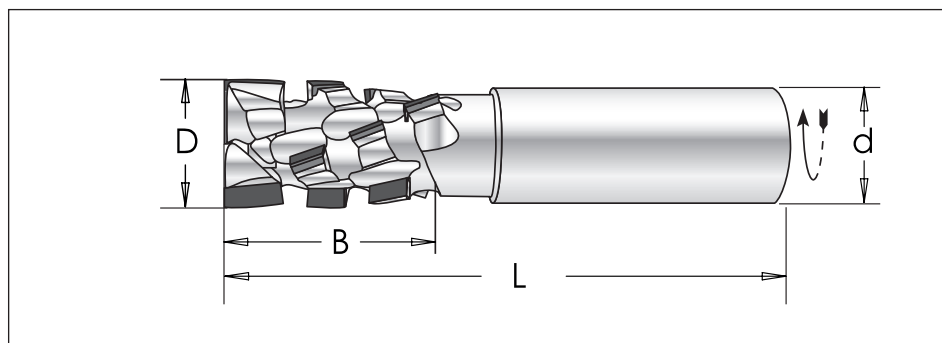
Code No.											
øD	RH		LH	B	Tips	Plunge	L	ød	n	m/min.	
12	6832.012.25		6832.112.25	25	6	HW	75	12	18,000-24,000	6-7	
16	6832.016.25		6832.116.25	25	6	HW	85	16	18,000-24,000	6-7	
	6832.016.34		6832.116.34	34	8	HW	94	16	18,000-24,000	6-7	
18	6832.218.25		6832.318.25	25	6	HW	85	20	18,000-24,000	6-7	
	6832.218.34	■	6832.318.34	■	34	8	HW	94	20	18,000-24,000	6-7
	6832.218.43		6832.318.43	43	10	HW	103	20	18,000-24,000	6-7	
20	6832.220.25		6832.320.25	25	6	HW	85	20	18,000-24,000	6-7	
	6832.220.32	■	6832.320.32	■	34	8	HW	94	20	18,000-24,000	6-7
	6832.220.42		6832.320.42	43	10	HW	103	20	18,000-24,000	6-7	
	6832.220.51	■	6832.320.51	■	52	12	HW	112	20	18,000-24,000	6-7
	6832.220.61		6832.320.61	61	14	HW	121	20	18,000-24,000	6-7	

■ Available upon request

 PCD - Z2+1 Superior
NEW

Properties: Router with diamond height of H=4 mm. 4 uninterrupted wings, 2 cutters engaged on all cutting points, positive and negative cutters. Can be resharpened up to 7-10 times.

Application: Suitable for panels made of chipboard, coated, laminated. Ideal for MDF. Good finishing, high feed rate and low noise, due to good chip removal.



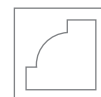
Code No.											
øD	RH		LH		B	Tips	Plunge	L	ød	n	m/min
22	6833.222.32	■	6833.322.32	■	32	10	DP	92	20	18,000-24,000	8-10
	6833.222.38	■	6833.322.38	■	38	12	DP	98	20	18,000-24,000	8-10
	6833.222.43		6833.322.43		43.5	14	DP	103	20	18,000-24,000	8-10
	6833.222.49	■	6833.322.49	■	49	16	DP	109	20	18,000-24,000	8-10
	6833.222.54	■	6833.322.54	■	54	18	DP	115	20	18,000-24,000	8-10
25	6833.025.49	■	6833.125.49	■	49	16	DP	109	25	18,000-24,000	8-10
	6833.025.55	■	6833.125.55	■	55	18	DP	115	25	18,000-24,000	8-10
	6833.025.60	■	6833.125.60	■	60	20	DP	126	25	18,000-24,000	8-10
	6833.025.65		6833.125.65		65	22	DP	126	25	18,000-24,000	8-10

■ Available upon request

CNC



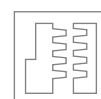
**Grooving
& Sizing**



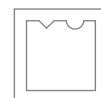
**Profiling &
Chamfering**



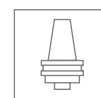
**Door Frame
& Panel**



**Jointing &
Rebating**



Carving



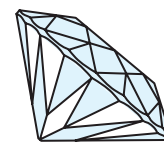
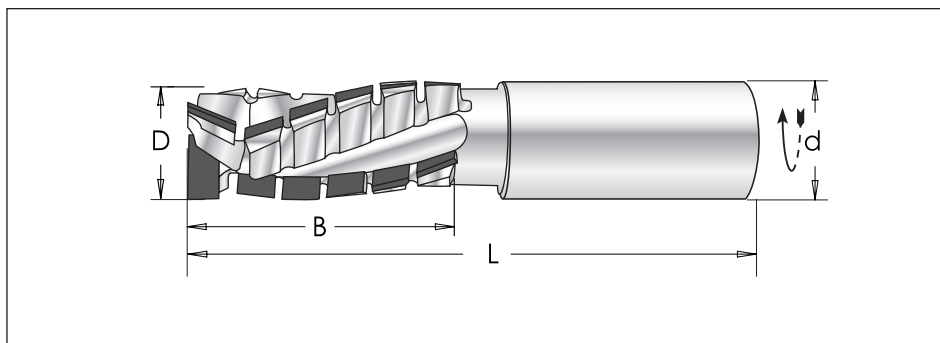
**Clamping
Systems &
Adapters**

PCD - Z3+1 Helical

NEW

Properties: Router with diamond height of H=4 mm. 3 uninterrupted helical wings, 3 cutters engaged on all cutting points, positive and negative cutters. Can be resharpened up to 7-10 times.

Application: Suitable for panels made of chipboard, coated, laminated and MDF. Excellent finishing, high feed rate and low noise, due to good chip removal.



Code No.											
øD	RH		LH		B	Tips	Plunge	L	ød	n	m/min.
20	6834.220.29	■	6834.320.29	■	29	11	PCD	95	20	18,000-24,000	10-12
	6834.222.44		6834.322.44		44	17	PCD	105	20	18,000-24,000	10-12
25	6834.025.37	■	6834.125.37	■	37	14	PCD	100	25	18,000-24,000	10-12
	6834.025.52	■	6834.125.52	■	52	20	PCD	115	25	18,000-24,000	10-12
	6834.025.67		6834.125.67		67	26	PCD	130	25	18,000-24,000	10-12

■ Available upon request

CNC



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating



Carving



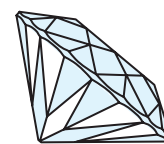
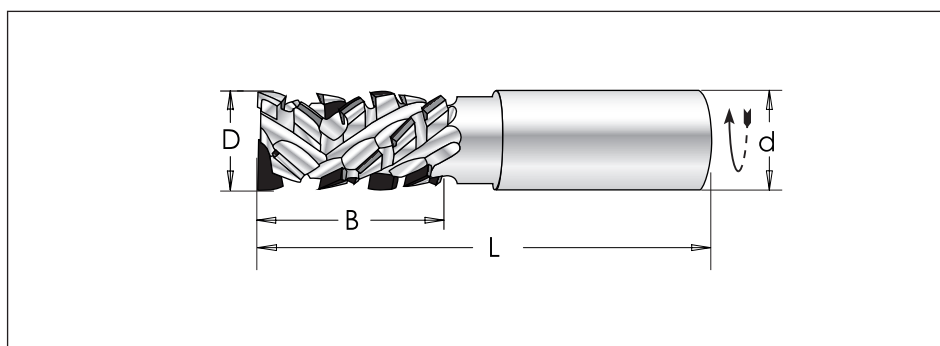
Clamping
Systems &
Adapters

PCD - 45° 4 Wings

NEW

Properties: Router with diamond height of H=4 mm. 4 uninterrupted helical wings, 2 cutters engaged on all cutting points, axial cut 45°, plug PCD tip, positive and negative cutters.

Application: Ideal for panels made of chipboard and MDF, with coatings or thin paper coverage. Excellent finishing due to special design. High feed rate and low noise due to good chip removal.



Code No.											
øD	RH		LH		B	Tips	Plunge	L	ød	n	m/min.
22	6835.222.38	■	6835.322.38	■	38	16+1	PCD	100	20	18,000-24,000	12-14
25	6835.025.38	■	6835.125.38	■	38	16+1	PCD	100	25	18,000-24,000	12-14
	6835.025.46		6835.125.46		46	20+1	PCD	110	25	18,000-24,000	12-14
	6835.025.54	■	6835.125.54	■	54	24+1	PCD	125	25	18,000-24,000	12-14
	6835.025.63	■	6835.125.63	■	63	28+1	PCD	125	25	18,000-24,000	12-14
	6835.025.71	■	6835.125.71	■	71	32+1	PCD	140	25	18,000-24,000	12-14

■ Available upon request

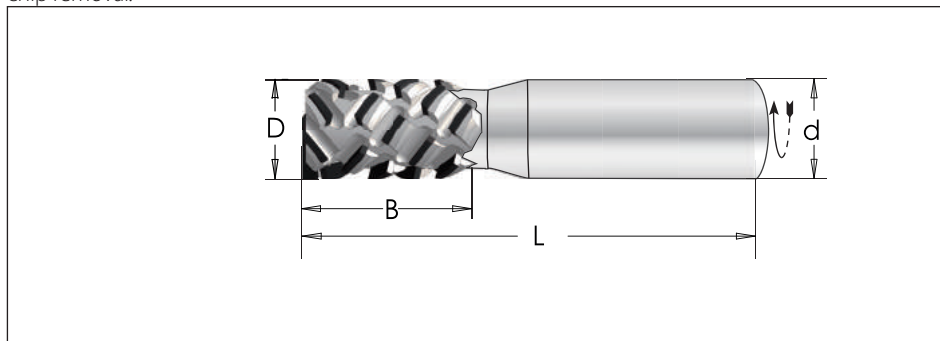


PCD - 54° 4 Wings

NEW

Properties: Router with diamond height of H=4 mm. 6 uninterrupted wings, 2 cutters engaged on all cutting points, axial cut 54°, plug PCD tip, positive and negative cutters.

Application: Ideal for various materials such as chipboard, MFD, HDF, with coatings or thin paper coverage. Excellent finishing due to special design. Very high feed rate and low noise due to good chip removal.



Code No.											
øD	RH		LH		B	Tips	Plunge	L	ød	n	m/min.
25	6837.225.30	■	6837.325.30	■	30	18+1	PCD	95	20	18,000-24,000	12-14
	6837.025.30	■	6837.125.30	■	30	18+2	PCD	95	25	18,000-24,000	12-14
	6837.225.40	■	6837.325.40	■	40	24+1	PCD	105	20	18,000-24,000	12-14
	6837.025.40	■	6837.125.40	■	40	24+2	PCD	105	25	18,000-24,000	12-14
	6837.225.49	■	6837.325.49	■	49.5	30+1	PCD	115	20	18,000-24,000	12-14
	6837.025.49		6837.125.49		49.5	30+2	PCD	115	25	18,000-24,000	12-14
	6837.225.59	■	6837.325.59	■	59	36+1	PCD	125	20	18,000-24,000	12-14
	6837.025.59	■	6837.125.59	■	59	36+2	PCD	125	25	18,000-24,000	12-14

■ Available upon request

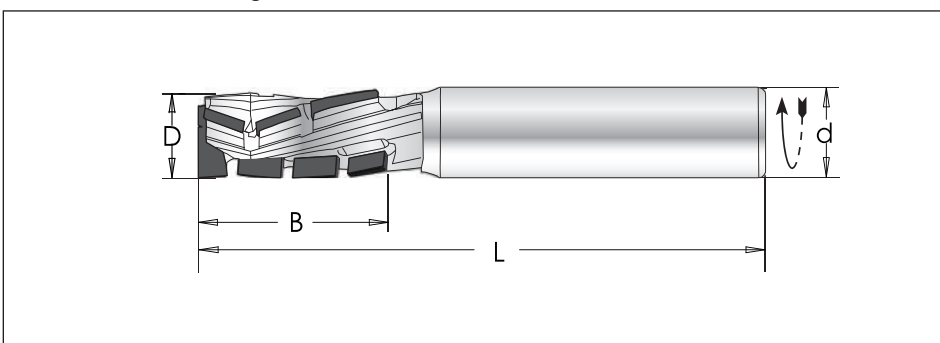


PCD - Nesting Heavy Steel - 2+1 Wings

NEW

Properties: Router bit for nesting with diamond height of H=3.0mm. 3 helicoidal wings. Can be resharpened up to 2-3 times. 2 engaged cutters, positive and negative. 3 engaged cutters on top and bottom.

Application: Suitable for chipboard panels laminated, coated and MDF. High feed rate, good chip removal, excellent finishing and low noise.



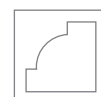
øD	Code No.	B	Tips	Plunge	L	ød	n	m/min.
12	6838.012.21	21.5	8	PCD	75	12	24,000	6-8
	6838.012.24 ■	24.5	9	PCD	75	12	24,000	6-8
	6838.012.31 ■	31.5	12	PCD	80	12	24,000	6-8

■ Available upon request

CNC



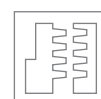
Grooving
& Sizing



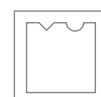
Profiling &
Chamfering



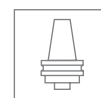
Door Frame
& Panel



Jointing &
Rebating



Carving



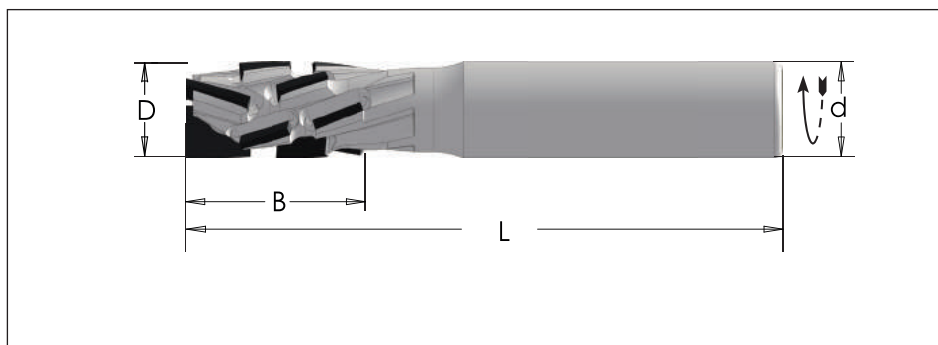
Clamping
Systems &
Adapters

PCD - Nesting Heavy Steel 3+3+1 Wings

NEW

Properties: Router bit for nesting with diamond height $H=3.0\text{mm}$. 6 helicoidal wings. Can be resharpened up to 2-3 times. 3 engaged cutters, mainly positive. 3 engaged cutters on top and bottom.

Application: Suitable for chipboard panels, laminated, coated and MDF. High feed rate, good chip removal, excellent finishing and low noise.



$\varnothing D$	Code No.	B	Tips	Plunge	L	$\varnothing d$	n	m/min.
12	6842.012.22	22	12	PCD	75	12	24,000	10-12
	6842.012.25	25	12	PCD	75	12	24,000	10-12
16	6843.216.35*	35	18	PCD	95	12	24,000	10-12

* steel

■ Available upon request

CNC



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating



Carving



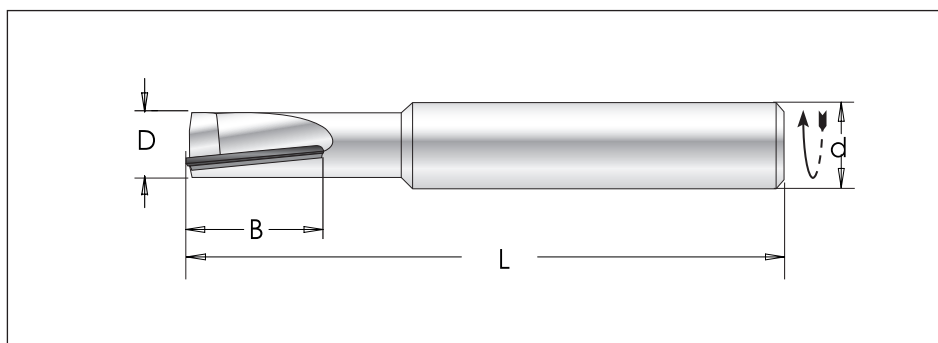
Clamping
Systems &
Adapters

PCD - Grooving Router Cutter Z1

NEW

Properties: Cutter with single tip $Z=1$ working as grooving bit. Made with HW body ideal for making canals. Negative axial angle. Can be resharpened up to 2-3 times.

Application: Suitable for raw, coated and laminated chipboard, MDF and plywood, plastic, Corian and polymers.



øD	Code No.		B	Plunge	L	ød	n	m/mn.
5	6844.005.10	■	10	DP	70	6	18,000-24,000	2-4
6	6844.006.10		10	DP	70	6	18,000-24,000	2-4
7	6844.007.10	■	10	DP	70	6	18,000-24,000	2-4
8	6844.008.10	■	10	DP	70	10	18,000-24,000	2-4
8	6844.008.16	■	15	DP	70	10	18,000-24,000	2-4
9	6844.009.15	■	15	DP	70	10	18,000-24,000	2-4
10	6844.010.16	■	16	DP	70	10	18,000-24,000	2-4
	6844.010.25		22	DP	70	10	18,000-24,000	2-4

■ Available upon request

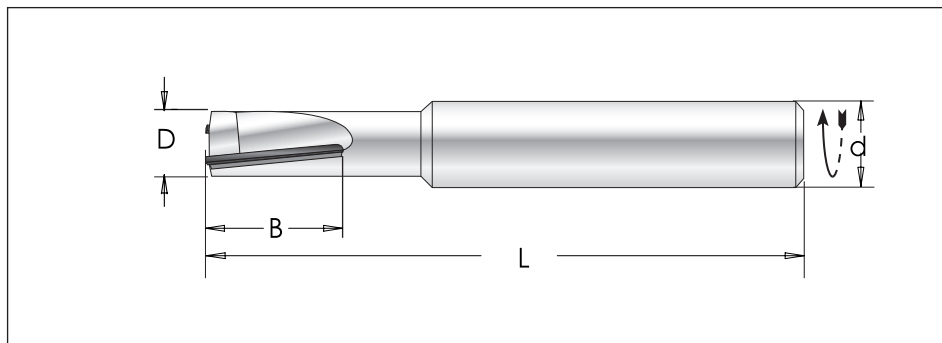


PCD - Grooving Router Cutter Z2

NEW

Properties: Cutter with Z=2 working as grooving bit. Made with HW body ideal for making canals. Negative axial angle. It can be resharpened up to 2-3 times.

Application: Suitable for raw, coated and laminated chipboard, MDF and plywood, plastic, Corian and polymers.



øD	Code No.		B	Plunge	L	ød	n	m/mn.
5	6845.005.10	■	10	DP	70	6	18,000-24,000	2-4
6	6845.006.10		10	DP	70	6	18,000-24,000	2-4
7	6845.007.10	■	10	DP	70	6	18,000-24,000	2-4
8	6845.008.10		10	DP	70	10	18,000-24,000	2-4
8	6845.008.15	■	15	DP	70	10	18,000-24,000	2-4
9	6845.009.15	■	15	DP	70	10	18,000-24,000	2-4
10	6845.010.16	■	16	DP	70	10	18,000-24,000	2-4
	6845.010.25		22	DP	70	10	18,000-24,000	2-4

■ Available upon request

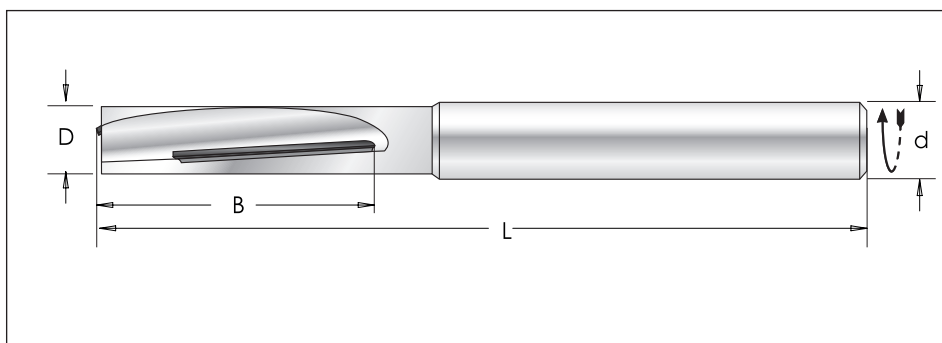


PCD - Grooving Positive & Negative Z1+1

NEW

Properties: Cutter with Z=1+1 positive and negative. Made with HW body ideal for making canals. Can be resharpened up to 2-3 times.

Application: Excellent finishing top and bottom for chipboard and MDF.



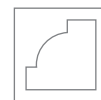
øD	Code No.		B	Plunge	L	ød	n	m/mn.
8	6846.080.28	■	28	DP	80	8	18,000-24,000	2-4
10	6846.010.28		28	DP	80	10	18,000-24,000	2-4
12	6846.012.28	■	28	DP	80	12	18,000-24,000	2-4

■ Available upon request

CNC



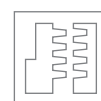
Grooving
& Sizing



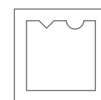
Profiling &
Chamfering



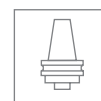
Door Frame
& Panel



Jointing &
Rebating



Carving



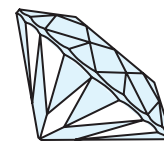
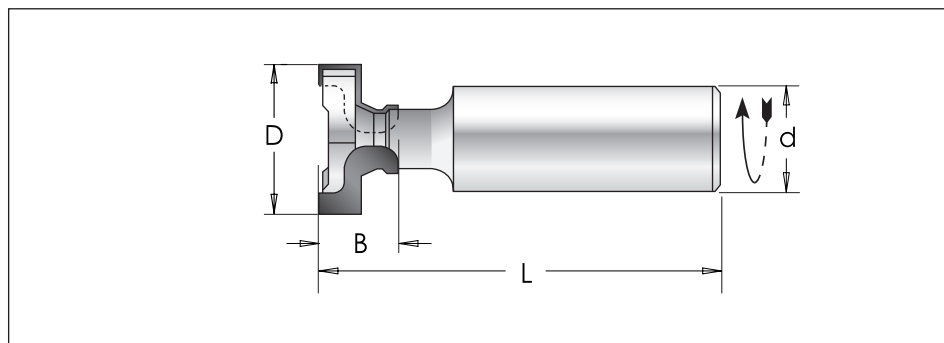
Clamping
Systems &
Adapters

PCD - T-Slot Cutters for Aluminum Profile Grooving

NEW

Properties: T-slot cutter in diamond Z2+2. Can be resharpened up to 2-3 times.

Application: Ideal for aluminum profile grooving. Suitable for chipboard panels and MDF. Excellent finishing of the panel. Low noise.



	øD	Code No.	B	Tips	L	ød	n	m/mn.
A	27.9	6850.027.15	15.2	2+2	75	20	18,000-24,000	3-4
B	32.7	6850.032.16	16.8	2+2	75	20	18,000-24,000	3-4
C	27.3	6850.027.16	16	2+2	75	20	18,000-24,000	3-4
D	29	6850.029.15	15.2	2+2	75	20	18,000-24,000	3-4
E	28	6850.028.13	13.7	2+2	75	20	18,000-24,000	3-4
F	25.9	6850.025.17	17	2+2	75	20	18,000-24,000	3-4



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



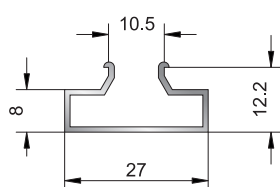
Jointing &
Rebating



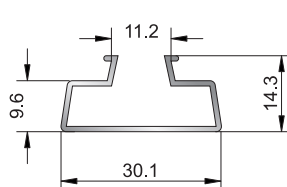
Carving



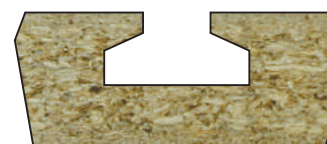
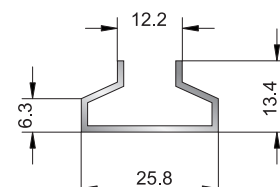
Clamping
Systems &
Adapters



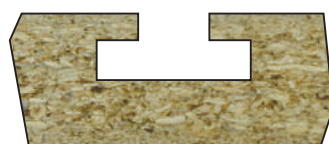
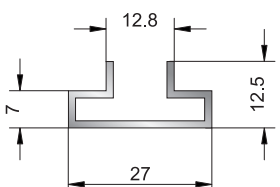
A



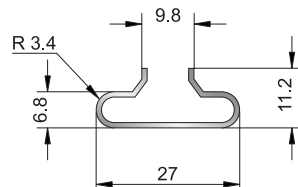
B



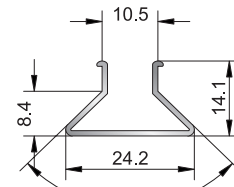
C



D



E

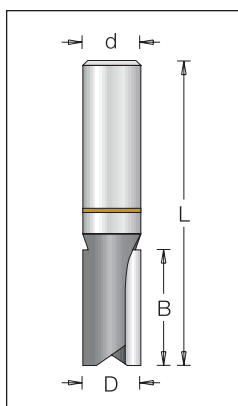


F

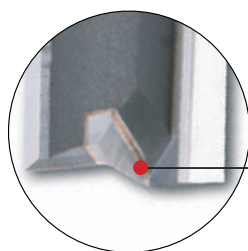
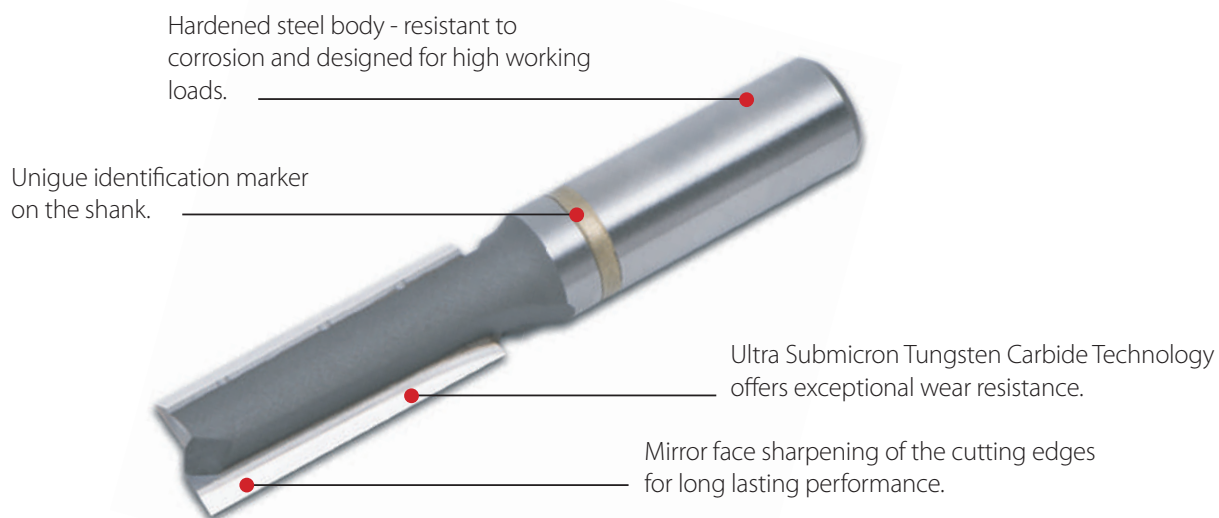
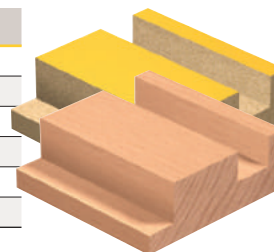
DnamicX2

NEW

The new generation of long lasting straight router bits, specially designed to cut laminated boards, MDF, panels and solid wood

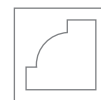
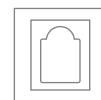
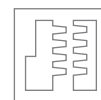
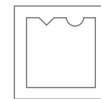


øD	Code No.	B	L	ød
8.0	1074595	25.0	67.0	8
10.0	1074809	30.0	80.0	12
12.0	1074819	25.0	75.0	12
12.0	1074869	30.0	80.0	12
12.0	1074879	38.0	88.0	12
12.0	1074899	48.0	100.0	12

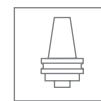


* Center tip design for easy penetration. #1074899

CNC

Grooving
& SizingProfiling &
ChamferingDoor Frame
& PanelJointing &
Rebating

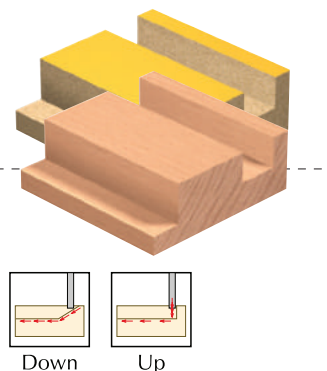
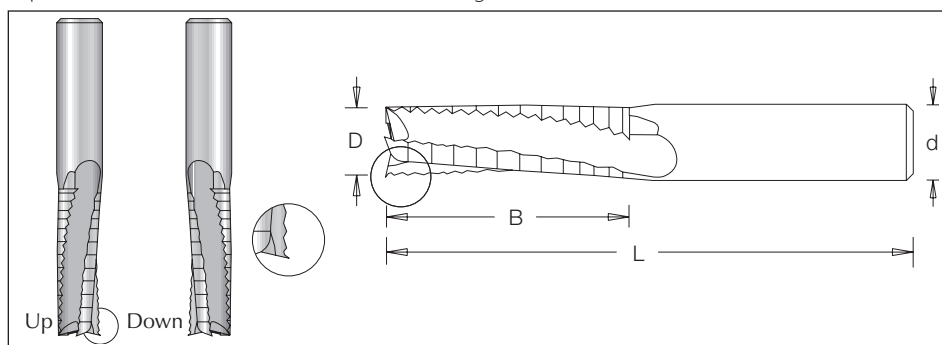
Carving

Clamping
Systems &
Adapters

Solid Carbide Roughing Spiral Three Flute

Solid tungsten carbide router cutter complete with three spiral flutes. Suitable for 'roughing' cuts in softwood, hardwood and man-made board (with or without coating). Carbide for maximum durability in abrasive materials. Up-cut spiral for optimum chip flow and improved finish on the bottom of the board. Down-cut for better clamping when machining small work pieces and improved finish on the top of the board. For use on routers and machining centers with or without CNC control.

NAMIC™
Extended Life



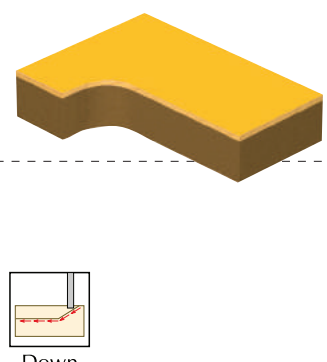
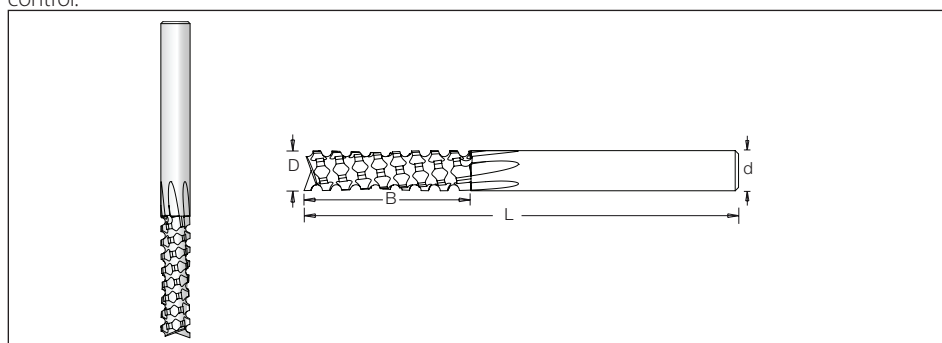
øD	Code No.		B	L	ød
	Upcut	Downcut			
10	1786327	1789327	32	80	10
12	1786359	1789359	32	80	12
	1786389	1789389	52	100	12
14	1786410	1789410	52	110	14
16	1786470	1789470	55	110	16
20	1786560		55	120	20
	1786580		72	135	20

See feed rates details on page 2.6

Solid Carbide Roughing Spiral Multi Flutes

Solid tungsten carbide router cutter complete with unique multi spiral flute shapes. Suitable for 'roughing' cuts in hard and abrasive materials, such as composites, Trespa, fiber glass etc. Carbide for maximum durability. Down-cut for better clamping when machining small work pieces and improved finish on top of the board. For use on routers and machining centers with or without CNC control.

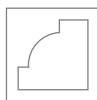
NAMIC™
Extended Life



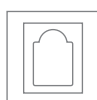
øD	Code No.	B	L	ød	n
6	1787103	25	65	6	35,000
12	1787109	42	82	12	35,000



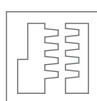
Grooving
& Sizing



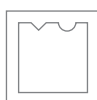
Profiling &
Chamfering



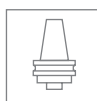
Door Frame
& Panel



Jointing &
Rebating



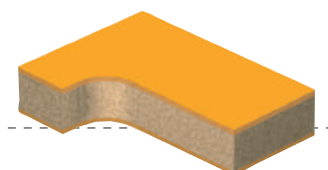
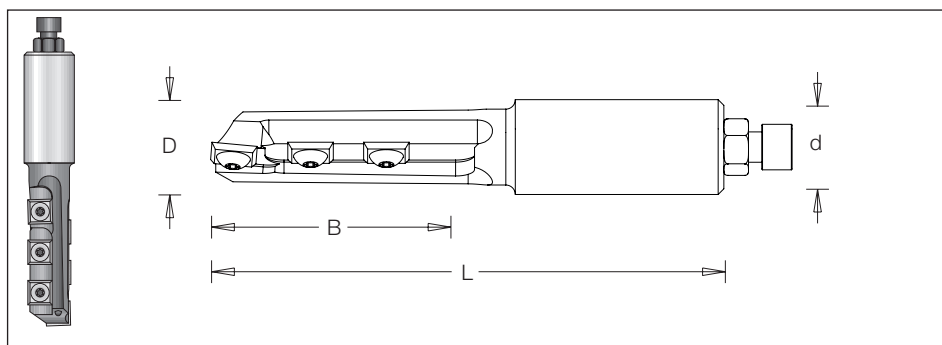
Carving



Clamping
Systems &
Adapters

Multiple Cutting Edge Up & Down Shear Router Cutter

Disposable insert straight router cutter complete with two flutes and multiple cutting blades. Top and Bottom Blades are sheared up and down to ensure a good finish on both top and bottom surfaces of laminated and veneered boards. For use on routers and machining centers with CNC control.



øD	Code No.	B	Z	L	Up ød	n
22	807310H	42	4	115	25x55mm	18,000
	807315H	62	6	135	25x55mm	18,000

⚠ Also available with 20 mm diameter shank.

Spare Parts:



T.C. Blade
310 121 2
12x12x1.5



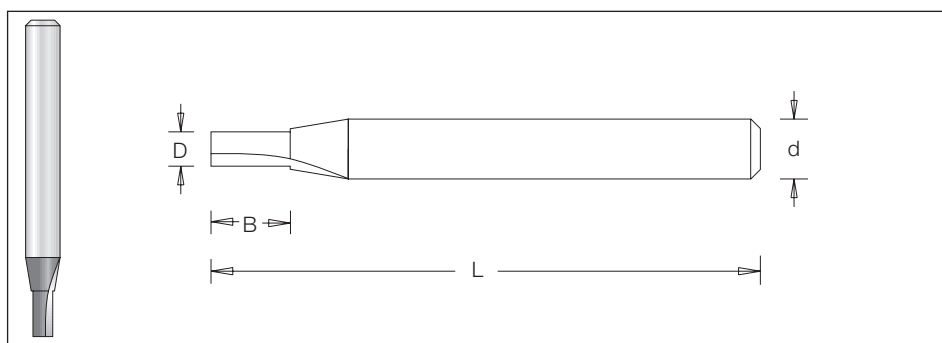
Torx screw
193 395 0
M4x6



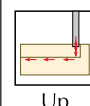
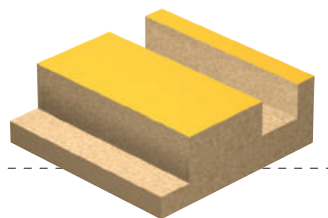
Torx key
194 101 5
T - 15

Solid Carbide Straight Router Cutter Double Flute

Solid tungsten carbide router cutter complete with two straight flutes. Suitable for producing grooves and slots in softwood, hardwood or man-made boards. Carbide for maximum durability in abrasive materials and better plunge characteristics. For use on routers and machining centers with or without CNC control.



D **NAMIC™**
Extended Life



øD	Code No.	B	L	ød	n
3	so1070013	11	60	6	35,000
4	so1070043	11	60	6	35,000
5	so1070073	11	60	6	35,000
6	so1070103	19	60	6	35,000
	so1070133	25	60	6	35,000
8	so1070255	25	70	8	35,000
10	so1078587	30	80	10	35,000

CNC



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating



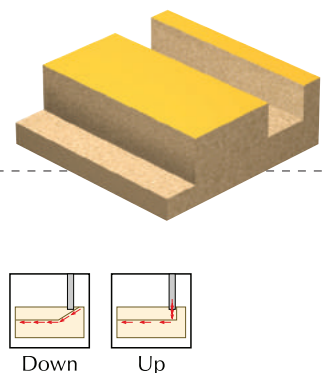
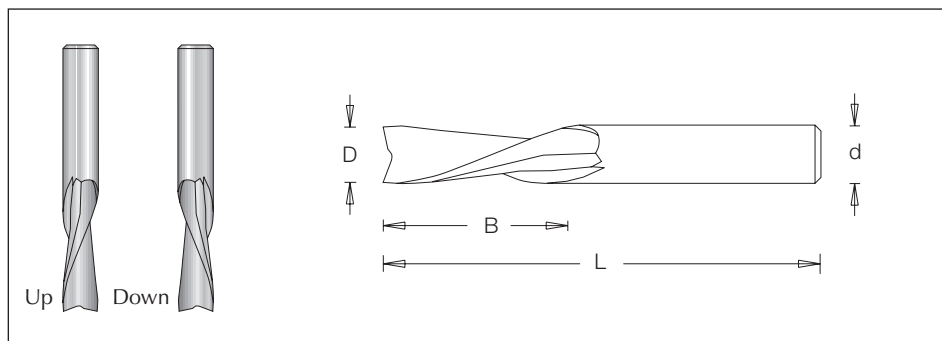
Carving



Clamping
Systems &
Adapters

Solid Carbide Double Flute Spiral

Solid tungsten carbide router cutter complete with two spiral flutes. Suitable for fine 'finishing' cuts combined with high feed rate in soft wood, hard wood and man-made boards (with or without coating). Carbide for maximum durability in abrasive materials. Up-cut spiral for optimum chip flow and improved finish on the bottom of the board. Down-cut for better clamping when machining small work pieces and improved finish on the top of the board. For use on routers and machining centers with or without CNC control.

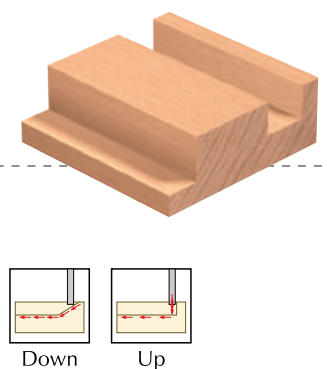
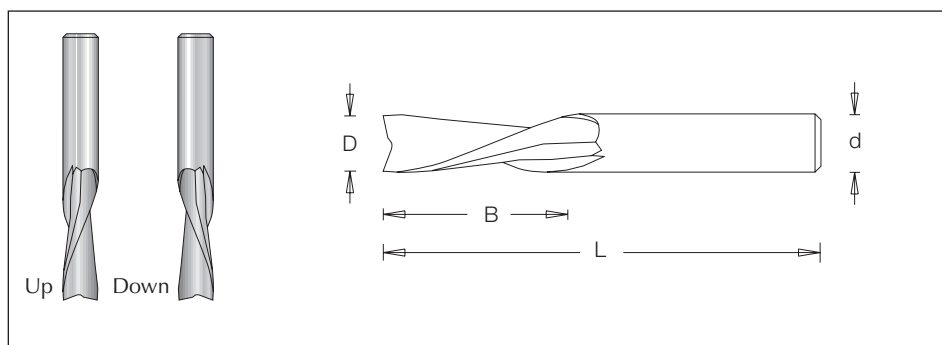


Code No.							
øD	Upcut	Downcut	B	L	ød	n	
3	1734050	1735050	12	50	3	35,000	
4	1734100	1735100	12	55	4	35,000	
5	1734160	1735160	20	55	5	35,000	
6	1734203	1735203	20	60	6	35,000	
8	1734265	1735265	25	60	8	35,000	
10	1734307	1735307	25	70	10	35,000	
	1734327	1735327	32	70	10	35,000	
	1734359	1735359	32	80	12	35,000	
12	1734379	1735379	42	90	12	35,000	
	1734389	1735389	52	100	12	35,000	

See feed rates details on page 2.6

Solid Carbide Double Flute Spiral - for Solid Wood

Solid tungsten carbide router cutter complete with two spiral flutes. Suitable for fine 'finishing' cuts in soft wood and hard wood. Up-cut spiral for optimum chip flow and improved finish on the bottom of the board. Down-cut for better clamping when machining small work pieces and improved finish on the top of the board. For use on routers and machining centers with or without CNC control.



Code No.							
øD	Upcut	Downcut	B	L	ød	n	
6	1734203S	1735203S	20	60	6	35,000	
8	1734265S	1735265S	25	60	8	35,000	

See feed rates details on page 2.7



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating



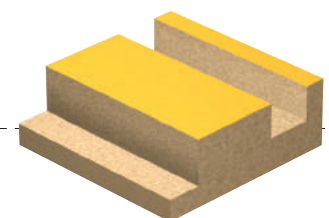
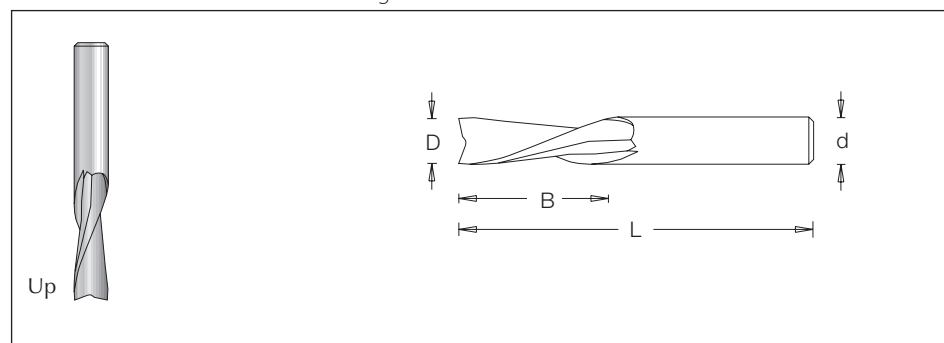
Carving



Clamping
Systems &
Adapters

Solid Carbide Double Flute Spiral - 8mm Shank

Solid tungsten carbide router cutter complete with two spiral flutes. Suitable for fine 'finishing' cuts in soft wood and man-made board (with or without coating). Carbide for maximum durability in abrasive materials. Up-cut spiral for optimum chip flow and improved finish on the bottom of the board. Down-cut for better clamping when machining small work pieces and improved finish on the top of the board. For use on routers and machining centers with or without CNC control.

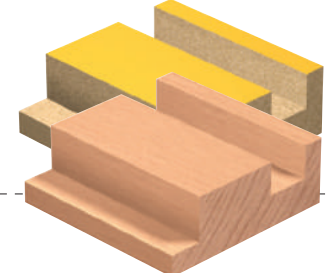
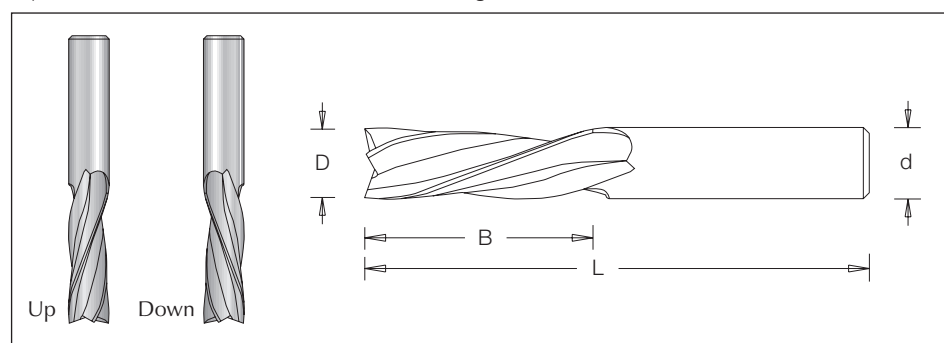


øD	Code No.	B	L	ød	n
3	1734055	12	50	8	35,000
4	1734105	12	50	8	35,000
5	1734155	15	50	8	35,000
6	1734205	20	60	8	35,000
8	1734255	20	60	8	35,000

See feed rates details on page 2.6

Solid Carbide Spiral Three Flute

Solid tungsten carbide router cutter complete with two spiral flutes. Suitable for fine 'finishing' cuts in soft wood, hard wood and man-made board (with or without coating). Carbide for maximum durability in abrasive materials. Up-cut spiral for optimum chip flow and improved finish on the bottom of the board. Down-cut for better clamping when machining small work pieces and improved finish on the top of the board. For use on routers and machining centers with CNC control.



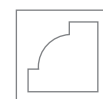
øD	Code No.		B	L	ød
	Upcut	Downcut			
12	1736379	1739379	42	90	12
	1736389	1739389	52	100	12
14	1736700	1739700	42	100	14
	1736400	1739400	55	110	14
16	1736410	1739410	35	80	16
	1736480	1739480	52	110	16
20	1736560	1739560	52	120	20
	1736580	1739580	72	135	20

See feed rates details on page 2.7

CNC



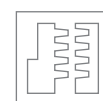
Grooving
& Sizing



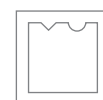
Profiling &
Chamfering



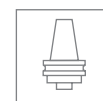
Door Frame
& Panel



Jointing &
Rebating



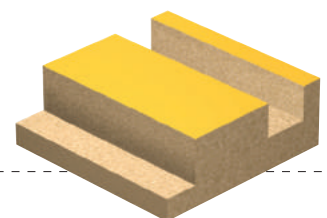
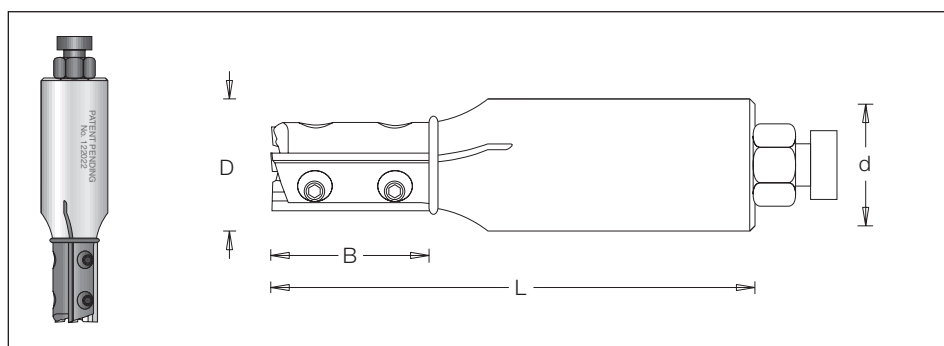
Carving



Clamping
Systems &
Adapters

Straight Router Cutter

Disposable insert straight router cutter complete with a variety of flutes. Suitable for rebating and sizing in man-made board (with or without coating). Replaceable inserts ensure a consistent cutting diameter and finish quality. Cutters are not suitable for plunge cutting.



Down

øD	Code No.	B	Z	L	ød	n
10	8071059*	20	1	71.5	12	18,000
12	8071119**	30	2	81	12	18,000
18	8071200	30	3	81.5	20	18,000
	807120H	30	3	81.5	25	18,000
	8071210	50	3	101.5	20	18,000
	8071210L	50	3	101.5	20	18,000
20	8071250	50	3	101.5	20	18,000
	807125H	50	3	101.5	25	18,000
	807125HL	50	3	101.5	25	18,000
18	807121H	50	3	101.5	25	18,000
	807121HL	50	3	101.5	25	18,000

⚠ L = Left hand Rotation.

Spare parts:

	T.C. Blade	Allen screw *	Allen screw **	Allen screw	Allen Key
B= 20	#310 751 0 20x5.5x1.1	#193 035 0 M3x4	#193 036 0 M3x5	#193 037 0 M3x6	#194102 0 S1.5

B= 30 #310 751 1
30x5.5x1.1

B= 50 #310 751 3
50x5.5x1.1

Left - #310 751 3L
50x5.5x1.1

T.C. Blade for MDF

	T.C. Blade
--	------------

B= 20 #360 751 0
20x5.5x1.1

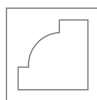
B= 30 #360 751 1
30x5.5x1.1

B= 50 #360 751 3
50x5.5x1.1

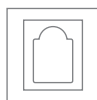
Left - #360 751 3L
50x5.5x1.1



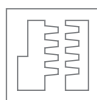
Grooving & Sizing



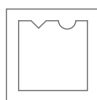
Profiling & Chamfering



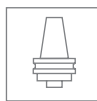
Door Frame & Panel



Jointing & Rebating



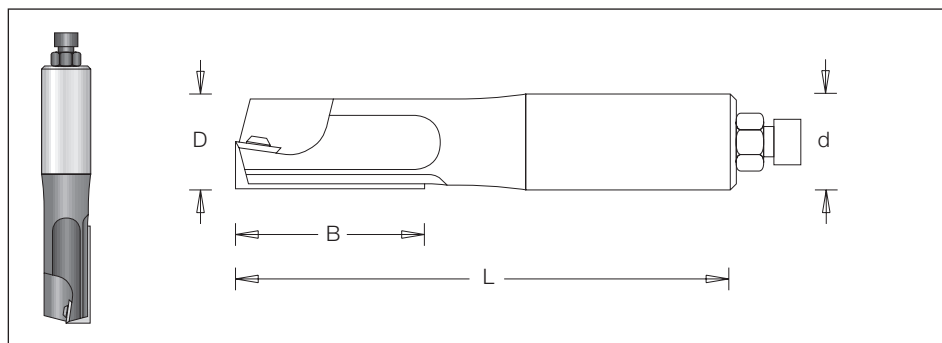
Carving



Clamping Systems & Adapters

Straight Router Cutter with Plunge Center Tip

Disposable insert straight router cutter complete with one flute and center tip. Suitable for grooving, rebating and sizing in man-made boards with plunge (with or without coating). Replaceable inserts ensure a consistent cutting diameter and finish quality. Center tip for improved boring. It is recommended to implement plunge operation insteps. For use on routers and machining centers with CNC control.



øD	Code No.	B	Z	L	ød	n
16	107373H*	30	1+1	105	25x55	18,000
	107374H*	50	1+1	125	25x55	18,000
18	107376H	50	1+1	125	25x55	18,000
20	107377H	30	1+1	105	25x55	18,000
	107398H	50	1+1	125	25x55	18,000

⚠ Also available with 20 mm diameter shank.
*Braze center tip

Spare Parts:



T.C. Blade
310 723 0
29.5x12x1.5



T.C. Blade
310 725 0
49.5x12x1.5



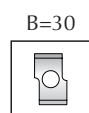
Torx screw
193 395 0
M4x6



Torx screw
193 354 8
M3.5x4.8

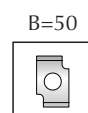


Torx key
194 101 5
T15



CENTER
T.C. Blade

D=18 310 752 6
7.5x12x1.5



CENTER
T.C. Blade

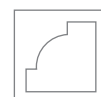
D=20 310 752 3
7.5x12x1.5

D=20 310 752 6
7.5x12x1.5

CNC



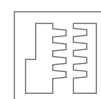
Grooving
& Sizing



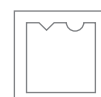
Profiling &
Chamfering



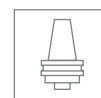
Door Frame
& Panel



Jointing &
Rebating



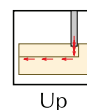
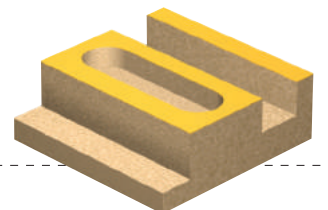
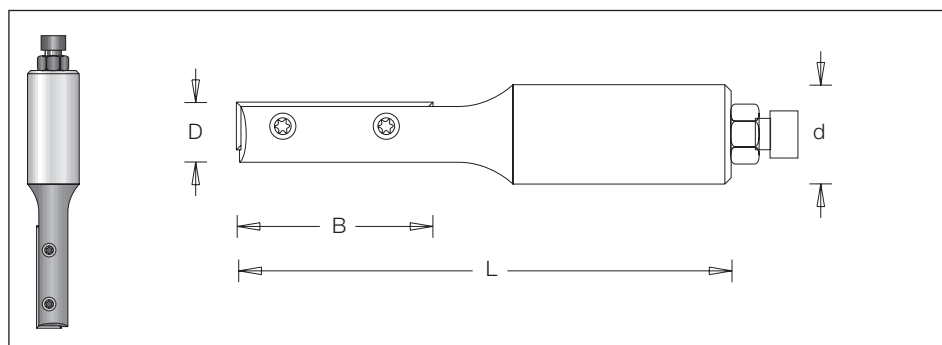
Carving



Clamping
Systems &
Adapters

Insert straight single flute router Cutter

Disposable insert straight router cutter with one flute. Suitable for grooving, rebating and sizing with plunge in man-made boards (with or without coating). Replaceable inserts ensure a consistent cutting diameter and finish quality. Plunging should be done in steps.



øD	Code No.	B	Z	L	ød	n
12	1073500	30	1	105	20x55	18,000
14	1073540	30	1	105	20x55	18,000

Spare Parts:



T.C. Blade 1
310 793 0
30x9x1.5



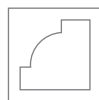
Torx screw
193 354 8
M3.5x4.8



Torx key
194 101 5
T15



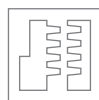
Grooving
& Sizing



Profiling &
Chamfering



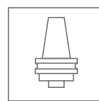
Door Frame
& Panel



Jointing &
Rebating



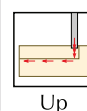
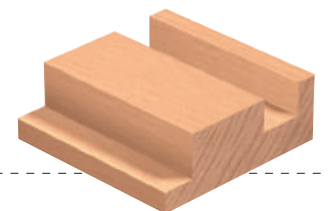
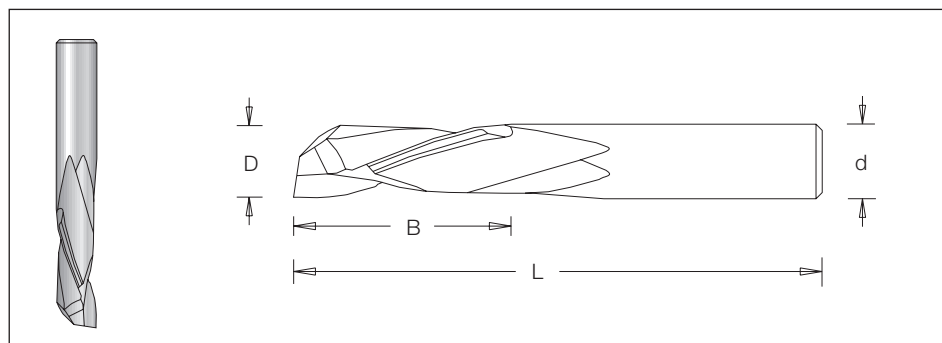
Carving



Clamping
Systems &
Adapters

Solid Carbide Up & Down Spiral Single Flute - for Solid Wood

Solid tungsten carbide router cutter complete with one up and down compression spiral flutes. The compression spiral compresses the chips into the center of the bit to ensure a fine finish on both surfaces of solid wood and hard wood. For use on routers and machining centers with and without CNC control.

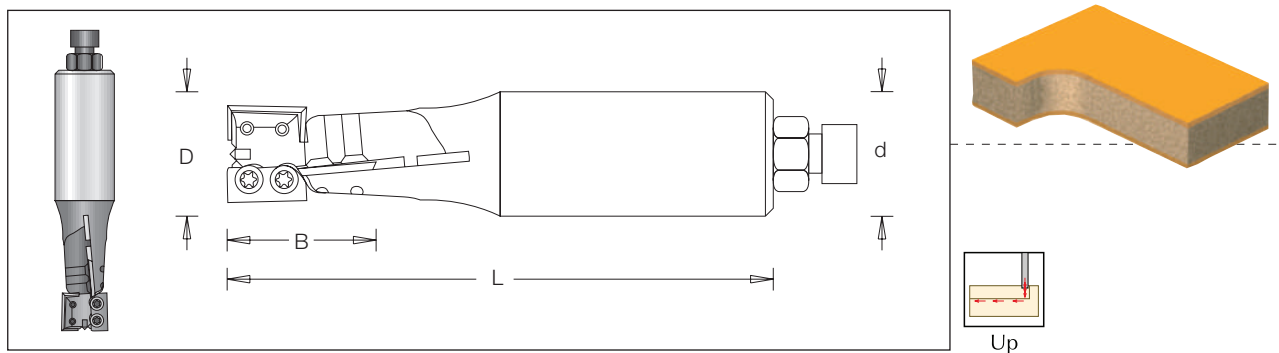


øD	Code No.	B	L	ød
6	1742203S	20	60	6
8	1742275S	25	70	8
10	1742337S	32	80	10
12	1742359S	32	80	12

See feed rates details on page 47.

Straight Up & Down Shear Router Cutter

Disposable insert straight router cutter complete with two up and down shear flutes and center tip. Shear flutes squeeze the material into the middle to give an extra fine finish on both surfaces of laminated and veneered board. (Special carbide grade for abrasive material). Replaceable inserts ensure a consistent cutting diameter and finish quality. Center tip for improved boring. For use on routers with CNC control.



øD	Code No.	B	Z	L	ød	n
20	807320H	30	2	110	25x55	18,000
	807322H	50	2	130	25x55	18,000

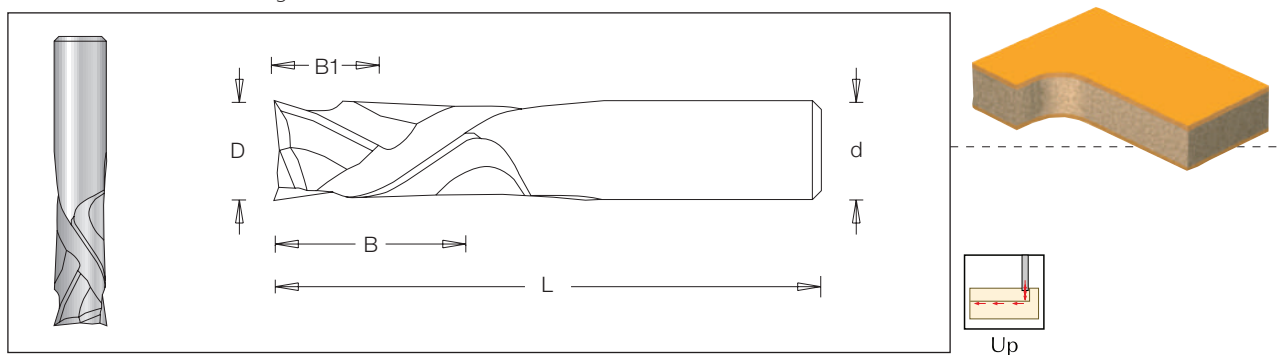
⚠ Also available with 20 mm diameter shank.

Spare Parts:

B = 30	B = 50		
T.C. Blade	T.C. Blade	Torx screw	Torx key
300 771 6	300 772 8	193 400 0	194 110 0
16x7x1.5	28x7x1.5	M3x4	T - 9

Solid Carbide Up & Down Spiral Double Flute

Solid tungsten carbide router cutter complete with two up and down compression spiral flutes. Compression spiral ensures material is squeezed into the middle to give an extra fine finish on both surfaces of laminated and veneered board. Carbide for maximum durability in abrasive materials. For use on routers and machining centers with and without CNC control.



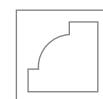
øD	Code No.	B	B1	L	ød
3.2	174107Z*	21	6.0	63.5	3.2
6.0	1743203	20	6.0	60	6
8.0	1743275	25	7.0	70	8
10.0	1743337	32	8.0	80	10
12.0	1743359	32	8.0	80	12
	1743379	42	13.0	90	12
16.0	1743480	52	14.0	110	16
20.0	1743560	52	17.0	120	20
	1743580	72	20.0	135	20

* Not DAMIC Carbide
See feed rates details on page 2.7

CNC



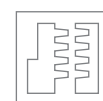
Grooving
& Sizing



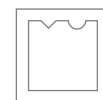
Profiling
& Chamfering



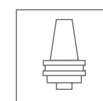
Door Frame
& Panel



Jointing
& Rebating



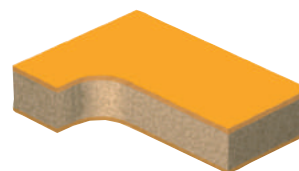
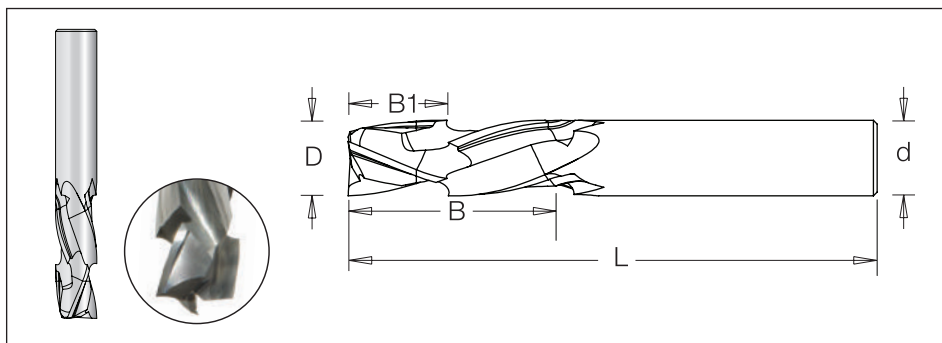
Carving



Clamping
Systems &
Adapters

3 Flute Compression Spiral for Nesting Operations

New generation of spiral tools for nesting operations on CNC machines. Dimar's "Dynamic" carbide for longer life.
Three flute design, high clearance geometric shape for max. feed rate. Free chip flow. Clean Cut.



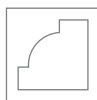
øD	Code No.	B	B1	ød	L	n
8	1748815 NEW	20 (12)*	3	8	70	24,000
	1748405	20 (12)*	5	8	70	24,000
10	1748827 NEW	25 (16)*	4	10	70	24,000
	1748507	25 (16)*	7	10	70	24,000
12	1748839 NEW	32 (22)*	5	12	80	24,000
	1748609	32 (22)*	9	12	80	24,000

⚠ Also available in inch sizes.
* Max recommended working height/

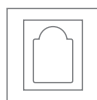
CNC



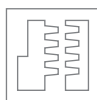
Grooving
& Sizing



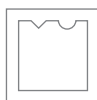
Profiling &
Chamfering



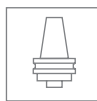
Door Frame
& Panel



Jointing &
Rebating



Carving

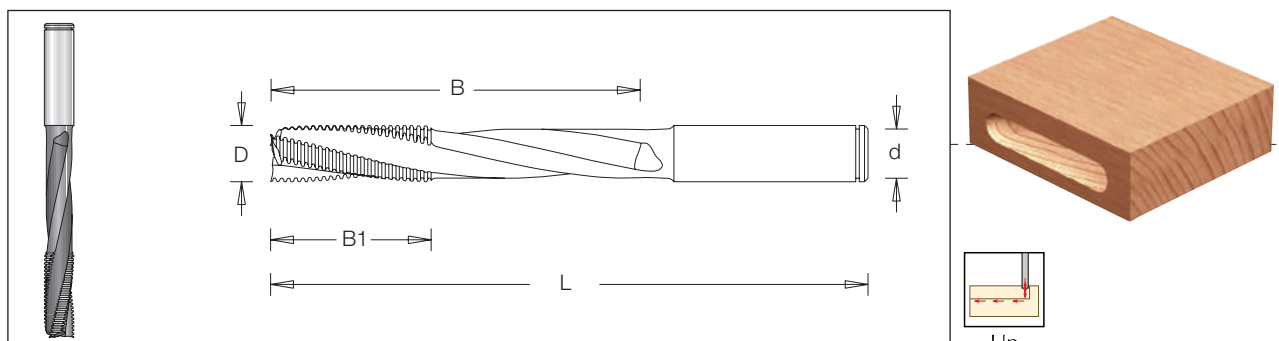


Clamping
Systems &
Adapters



Spiral Cutter for Lock Case

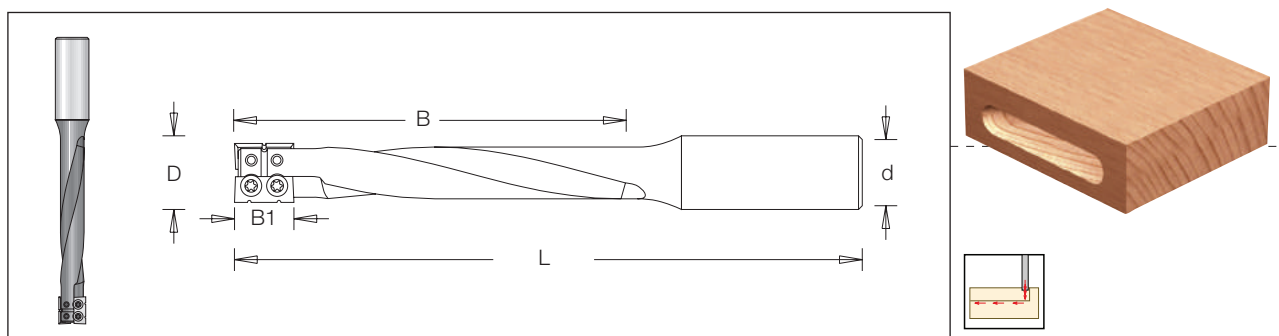
Solid tungsten carbide router cutter complete with three spiral chip breaker flutes. Suitable for producing deep grooves, slots and holes for door furniture in softwood, hardwood, solid and hollow board doors. Solid carbide for maximum durability in abrasive materials. For use on routers and machining centers with CNC control.



øD	Code No.	B1	B	L	ød	n
14	1786400	45	95	150	14	18,000
16	1786460	45	115	170	16	18,000
18	1786520	45	115	170	18	18,000

Router Cutter for Lock Case

Disposable insert router cutter complete with two chip breaker flutes. Suitable for producing deep grooves, slots and holes for door furniture in softwood, hardwood, solid and hollow board doors. Replaceable inserts ensure a consistent cutting diameter and finish quality. For use on routers and machining centers with CNC control.



øD	Code No.	B1	B	Z	L	ød	n
16	807366E	16	95	2	150	16	12,000
16	8073650*	16	115	2	170	20	12,000
18	8073700	16	115	2	170	20	12,000

⚠ * Also available with 16 mm diameter shank.

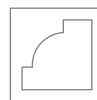
Spare Parts:

				
T.C. Blade	T.C. Blade	* Torx screw	Torx screw	Torx key
310 771 6	310 772 6	193 400 1	193 400 0	194 110 0
16x7x1.5	16x7x1.5	M3x4	M3x4	T - 9

CNC



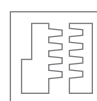
Grooving
& Sizing



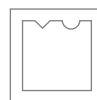
Profiling &
Chamfering



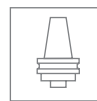
Door Frame
& Panel



Jointing &
Rebating



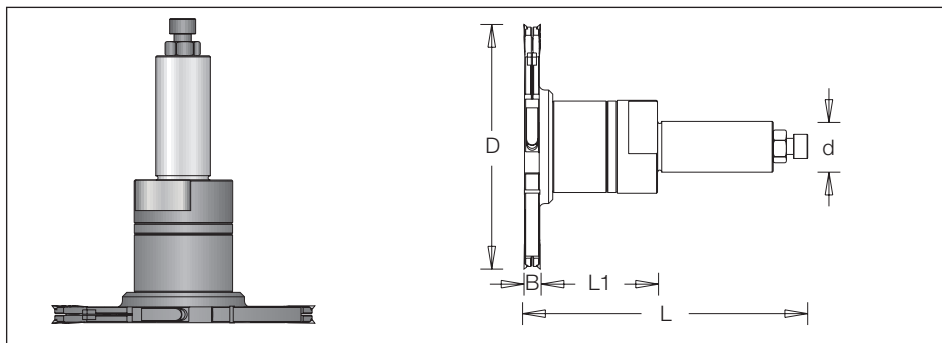
Carving



Clamping
Systems &
Adapters

Adjustable Grooving 4-15.5 mm Cutter

Hard wearing steel body complete with disposable tungsten carbide knives and scorers for improved finish. Suitable for producing various thickness grooves and slots in softwood, hardwood and man-made boards (with or without coating). Cutting width can be adjusted in 0.1 mm steps by using supplied spacer rings. Replaceable inserts ensure a consistent cutting diameter and finish quality. For use on routers and machining centers with CNC control.



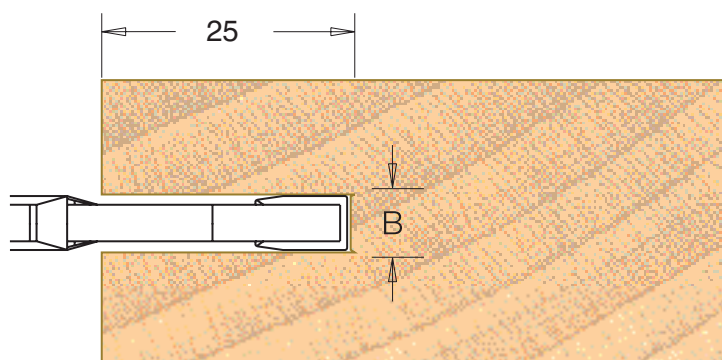
øD	Code No.	B	L1	L	ød	n
120	822055H	4-15.5	82.25	139	25	12,000

⚠ Also available with HSK or ISO adapters.
Also available with 20 mm diameter shank.

Spare Parts:

								
T.C. Blade	Wedge	Allen screw	T.C. Blade	T.C. Blade	T.C. Blade Nut	T.C. Blade Nut	Torx screw	Washer set
310 751 2	199 031 0	193 060 0	300 850 1	300 850 2	#192 350 0	#192 360 0	193 028 0	192 619 0
7.5x12x1.5	L=6.5	M5x16	18x18x1.95	14x14x1.2	M4x0.5x11.1	M4x0.5x9.9	M4x3.2	B=8.1

				
Arbor	Arbor screw	Allen key	Torx key	Allen key
190 820 H	193 608 5	194 008 0	194 110 0	194 015 0
L=127	M5x25	S2.5	T9	S4



Scale -1:1



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating



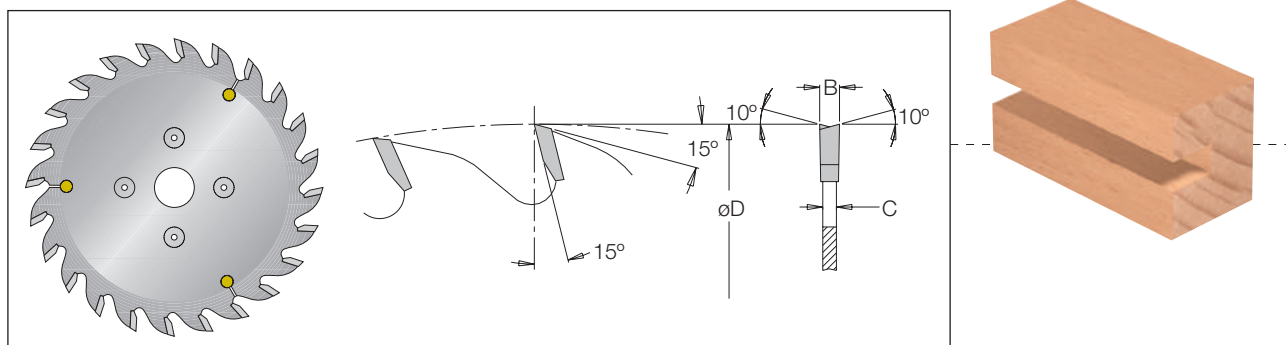
Carving



Clamping
Systems &
Adapters

Saw Blades for Cutting & Grooving

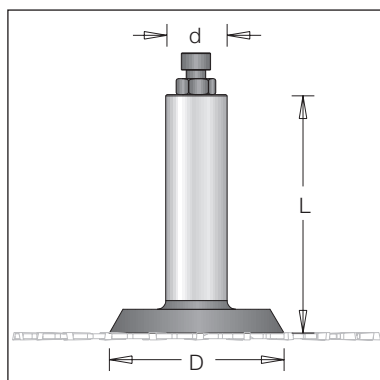
Tungsten carbide tipped alternate bevel saw blades for cutting and grooving along and across the grain on softwoods, hardwoods and man-made boards (with or without coating).
For use on machining centers with CNC Control.



øD	B	Code No.	Teeth	c	Max. t	ød	n
125	3	90112106	24	2.0	25	30	19,000
	4	90102156	24	2.8	25	30	19,000
	5	90102166	24	3.5	25	30	19,000
150	3	90112206	24	2.0	38	30	9,000
	4	90102236	24	2.8	38	30	9,000
	5	90102246	24	3.5	38	30	9,000
180	3	90112306	30	2.0	54	30	7,000
	4	90102316	30	2.8	54	30	7,000
	5	90102336	30	3.5	54	30	7,000

⚠ All the blades are available with a variety of bores and Pin holes as per individual order.
Also available with 20 mm diameter shank.

CNC Arbor



øD	Code No.	L	⌀	ød
71	190025H	90.0	4xM5xø52	25

⚠ Also available with 20 mm diameter shank.

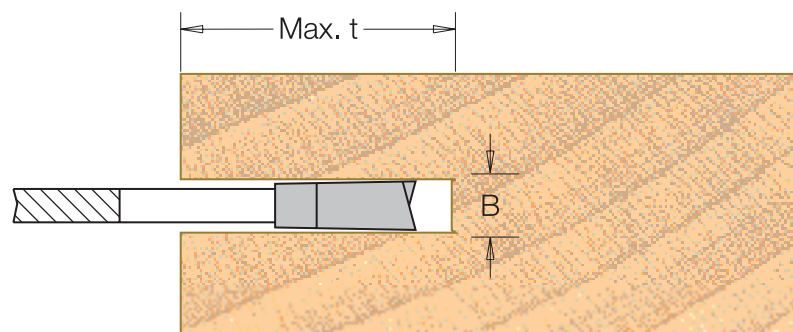
Spare Parts:



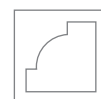
Allen screw
193 042 6
M5x12



Allen key
194 003 5
S3



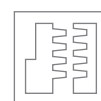
Grooving
& Sizing



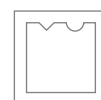
Profiling &
Chamfering



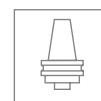
Door Frame
& Panel



Jointing &
Rebating



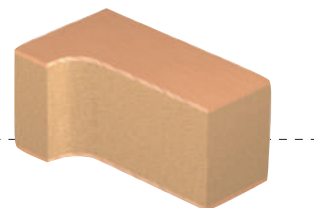
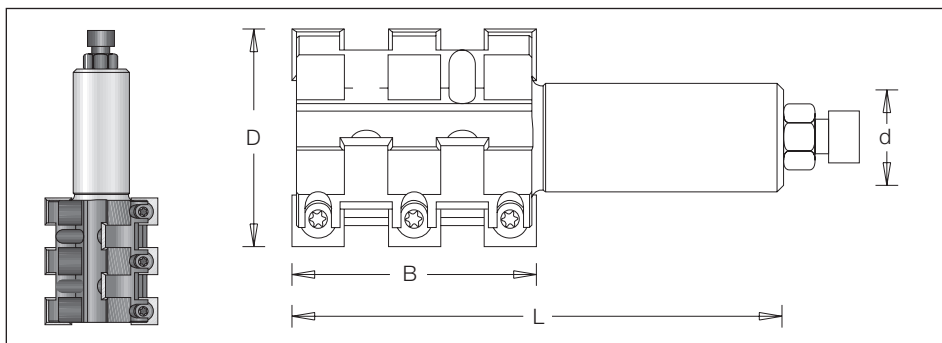
Carving



Clamping
Systems &
Adapters

Rough Rebating Router Cutter

Disposable insert straight router cutter with multiple cutting flutes. Suitable for rough rebating and sizing in softwoods, hardwoods and man-made boards (with or without coating). Multiple cutting flutes ensure fine chips are produced for improved waste extraction. Replaceable inserts ensure a consistent cutting diameter. For use on machining centers with CNC control.



øD	Code No.	B	Z	L	ød	n
50	807350H	56	10	113	25x55	18,000
	807355H	78	14	135	25x55	18,000

⚠ Also available with 20 mm diameter shank.

Spare Parts:



T.C. Blade
310 121 2
12x12x1.5

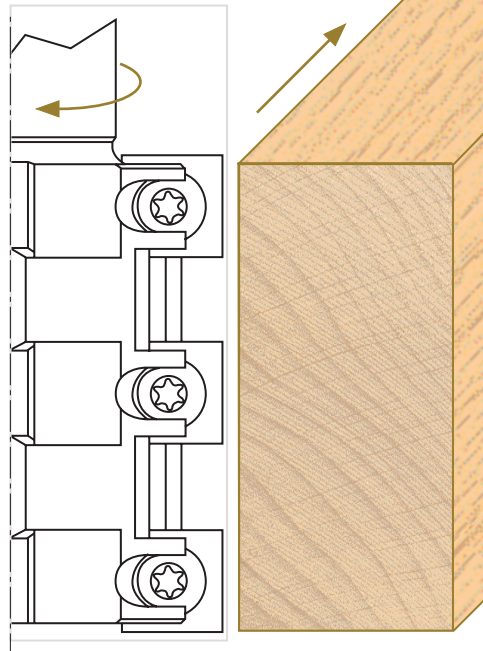


Torx screw
193 148 2
M4x5.6



Torx key
194 101 5
T - 15

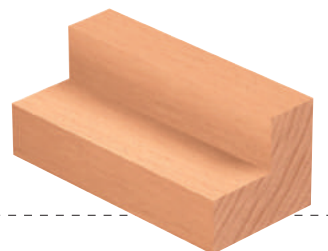
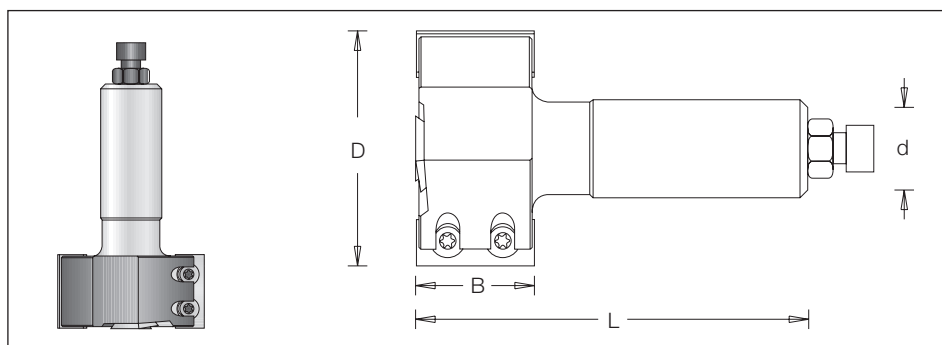
Feed Direction Clockwise



Scale -1:1

Straight Rebater Router Cutter with Scorers

Disposable insert rebating outer cutter complete with two cutting flutes and two center tips. Suitable for soft wood, hard wood and man-made board. For use on machining centers with CNC control.

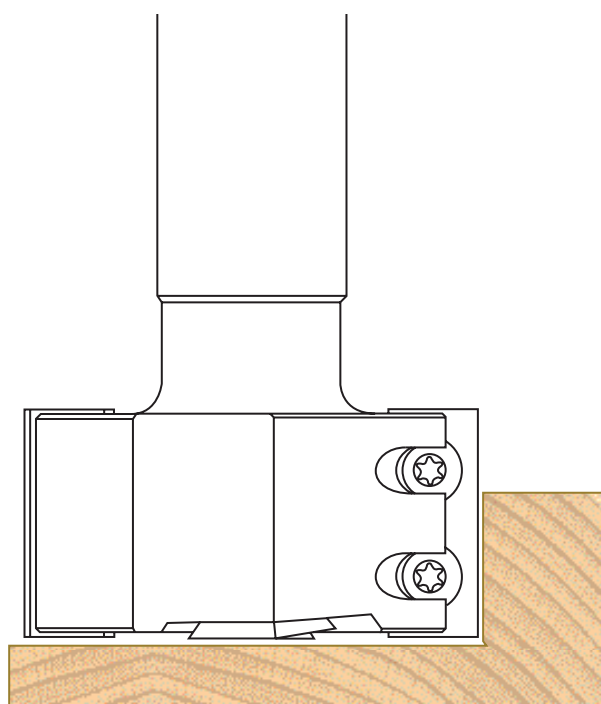


øD	Code No.	B	Z	L	ød	n
40	807330H	30	2+2	100	25x55	18,000
60	807335H	30	2+2	100	25x55	18,000
	807337H	50	2+2	120	25x55	18,000

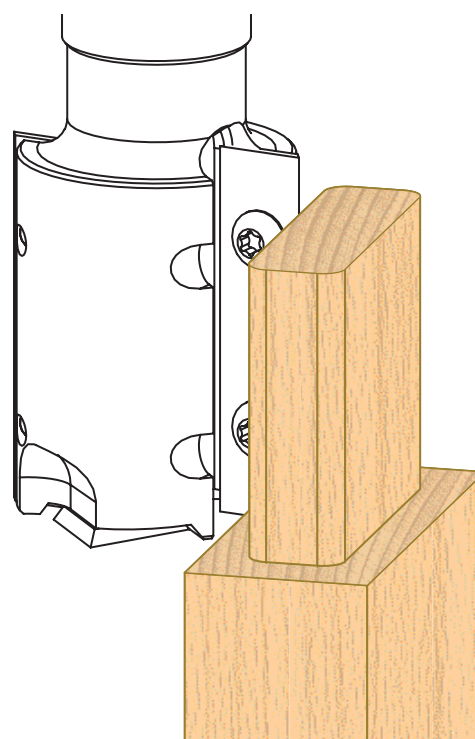
⚠ Also available with 20 mm diameter shank.

Spare Parts:

						
T.C. Blade	T.C. Blade	T.C. Blade	Torx screw	Torx key	Torx key	Torx screw
310 123 0	310 125 0	300 850 3	193 148 2	194 101 5	194 106 0	193 370 0
30x12x1.5	50x12x1.5	14x14x2	M4x5.6	T - 15	T - 20	M5x6.3



Scale -1:1



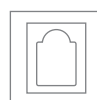
CNC



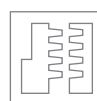
Grooving
& Sizing



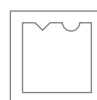
Profiling &
Chamfering



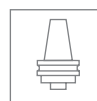
Door Frame
& Panel



Jointing &
Rebating



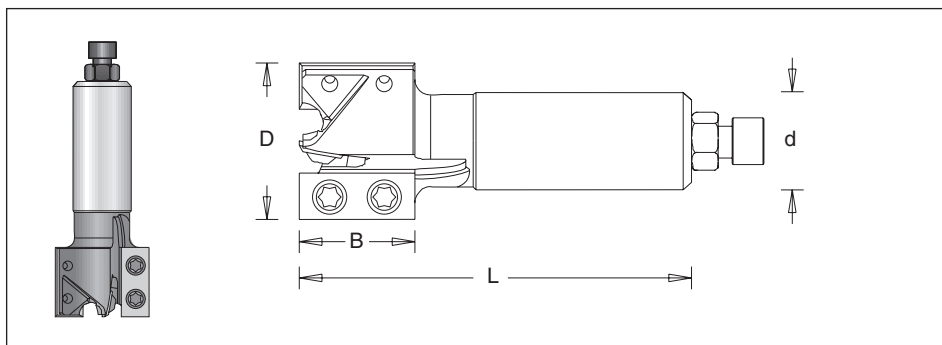
Carving



Clamping
Systems &
Adapters

Straight Router Cutter with Scorers

Disposable insert rebating router cutter complete with two flutes and two center tips. Suitable for fast straight penetration into the wood top and the fast removal of the material in either an open or closed pocket in soft wood, hard wood and man-made board. For use on machining centers with CNC control.

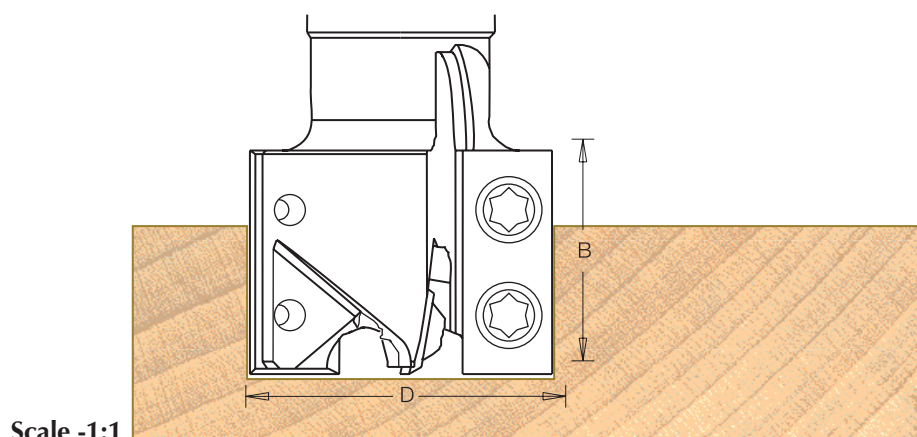


øD	Code No.	B	Z	L	ød	n
40	807331H*	29.5	2+2	100	25x55	18,000
60	807336H**	29.5	2+3	110	25x55	18,000

⚠ Also available with 20 mm diameter shank.

Spare Parts:

T.C. Blade	T.C. Blade 2*	T.C. Blade 3**	Torx screw	Torx key
310 723 0	310 121 2	310 122 0	193 148 2	194 101 5
29.5x12x1.5	12x12x1.5	20x12x1.5	M4x5.6	T - 15



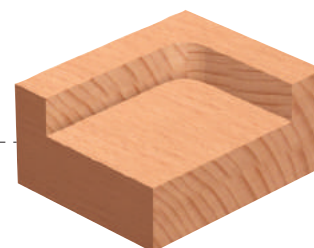
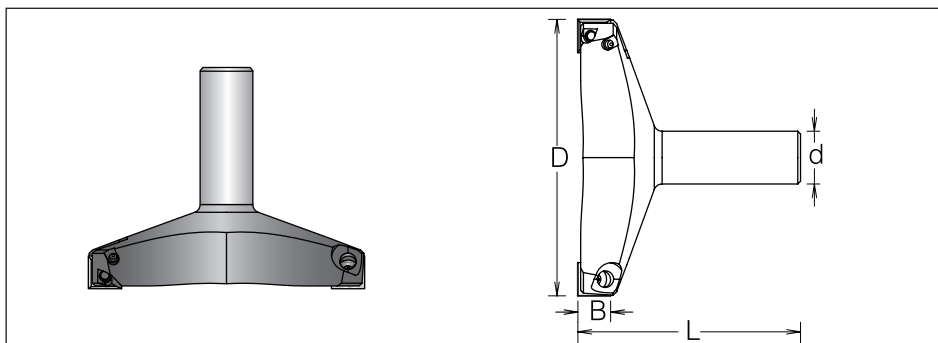
Scale -1:1

Planing & Rebating Router Cutter Z2

Man-made board, non-penetrating

Disposable insert planing and rebating router cutter complete with 2-5 cutting flutes and scorers. Suitable for planing and rebating in soft wood, hard woods and man-made boards. Ideal tool for fast removal of material over a large surface area such as spoil boards on CNC machines. For use on routers and machining centers with CNC control.

NEW



øD	Code No.	B	Z	L	ød
38.1	8073713	12.0	2	42.8	6
38.1	8073715	12.0	2	46.2	8
38.1	8073719	12.0	2	55.8	12
63.5	8073419	12.0	2	62.7	12
101.6	8073420	12.0	2	80.0	20

Spare Parts:



T.C. Blade
360 121 2
12x12x1.5
MDF



T.C. Blade
310 121 2
12x12x1.5



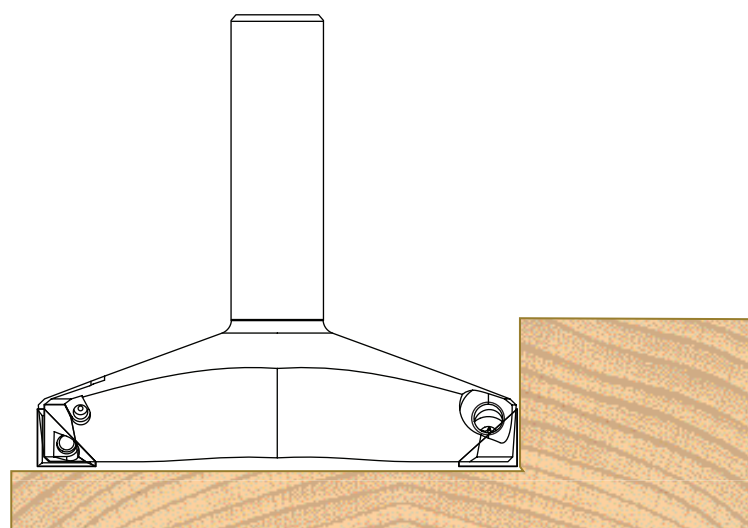
Torx screw
193 395 0
M4x6



Torx screw
193 354 8
M3.5x4.8



Torx Key
194 101 5
T - 15

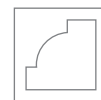


Scale -1:1

CNC



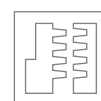
Grooving
& Sizing



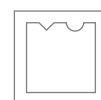
Profiling &
Chamfering



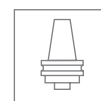
Door Frame
& Panel



Jointing &
Rebating



Carving

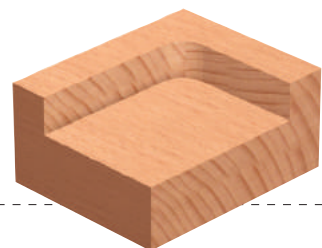
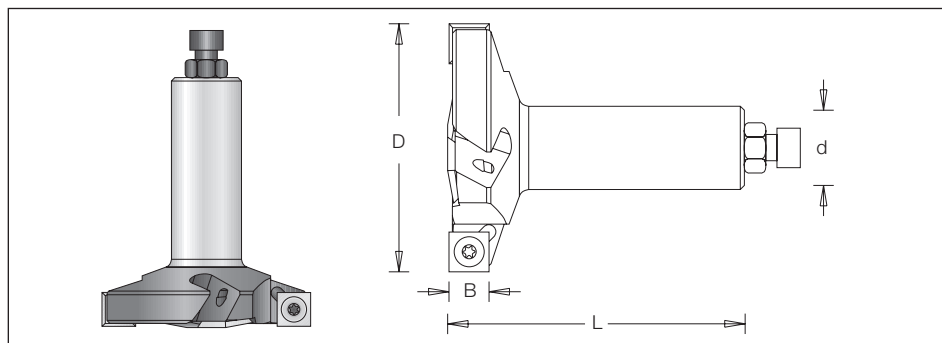


Clamping
Systems &
Adapters

Planing & Rebating Router Cutter Z2+2

Solid wood, non-penetrating

Disposable insert planing and rebating router cutter complete with 2-5 cutting flutes and scorers. Suitable for planing and rebating in soft wood, hard woods and man-made boards. Ideal tool for fast removal of material over a large surface area such as spoil boards on CNC machines. For use on routers and machining centers with CNC control.



øD	Code No.		B	Z	L	ød	n
31.8	8073739	NEW	10.5	2+2	57.5	12	28,000
38.1	8073729	NEW	12.0	2+2	57.5	12	28,000
80.0	8073390*	NEW	12.0	2+2	90.0	20	14,000
80.0	807340H		12.0	2+2	90.0	25	14,000

*For MDF

Spare Parts:



T.C. Blade
310 121 2
12x12x1.5



T.C. Blade
300 850 3
14x14x2



Torx screw
193 395 0
M4x6



Torx screw
193 370 0
M5x6.1



Torx Key
194 101 5
T - 15



Torx Key
194 106 0
T - 20

T.C. Blade
300 059 2
10.5x10.5x1.5

T.C. Blade
300 851 9
10.5x10.5x1.5

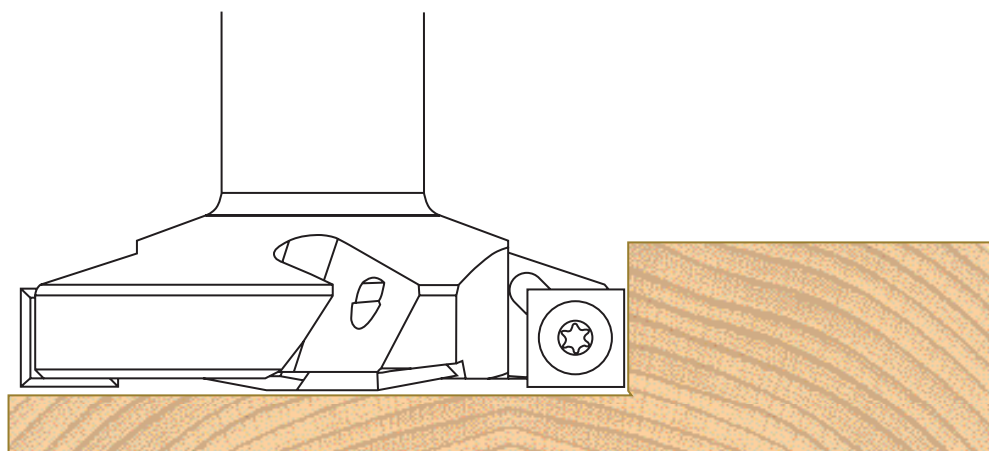
Torx screw
193 031 0
M4x5.3

Torx screw
193 148 2
M45x5.6

Torx Key
194 110 0
T - 9

Code No.	T.C. Blade	Screw
8073739	3000592	1931482
	3008519	1930310
8073729	3008503	1933700
	3601212	1931482
8073390	3008503	1933700
	3601212	1933950
807340H		1930420*
	3008503	1933700
	3101212	1933950
		1930420*

*Adjustable screw for the shaft



Scale -1:1



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating



Carving



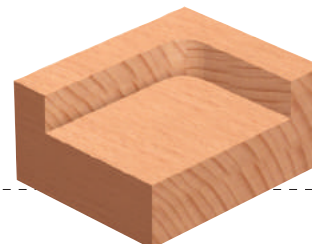
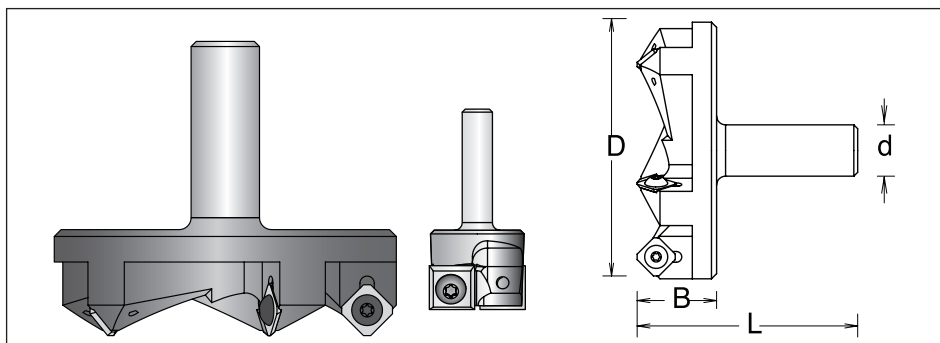
Clamping
Systems &
Adapters

Planing & Rebating Router Cutter

All types of wood, penetrating (6mm)

Disposable insert planing and rebating router cutter complete with 2-5 cutting flutes and scorers. Suitable for planing and rebating in soft wood, hard woods and man-made boards. Ideal tool for fast removal of material over a large surface area such as spoil boards on CNC machines.

NEW



øD	Code No.	B	Z	L	ød	n
25.4	8073745	12.0	2	53.0	8.0	28,000
63.0	8073219	21.0	3	66.0	12.0	14,000
97.0	8073800	31.0	5	86.0	20.0	12,000

Spare Parts:



T.C. Blade
310 121 2
12x12x1.5
For items
8073745



T.C. Blade
360 854 4
12x12x1.5
For items
8073219
8073800



Torx screw
193 395 0
M4x6



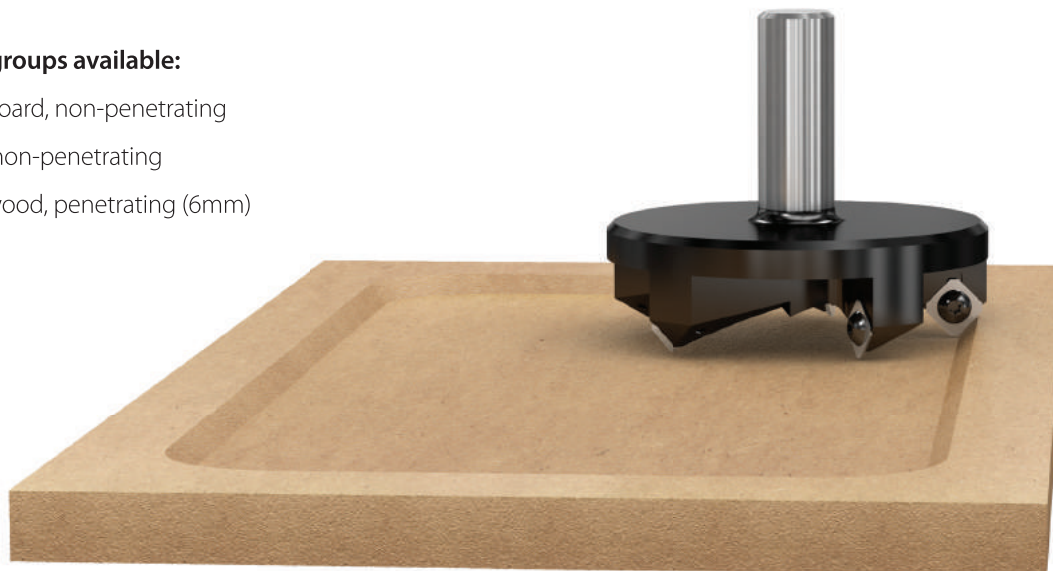
Torx screw
193 148 2
M5x6.3



Torx Key
194 101 5
T - 15

Three family groups available:

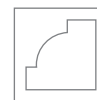
- Man-made board, non-penetrating
- Solid wood, non-penetrating
- All types of wood, penetrating (6mm)



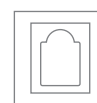
CNC



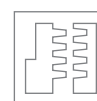
Grooving
& Sizing



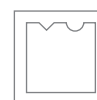
Profiling &
Chamfering



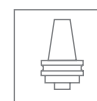
Door Frame
& Panel



Jointing &
Rebating



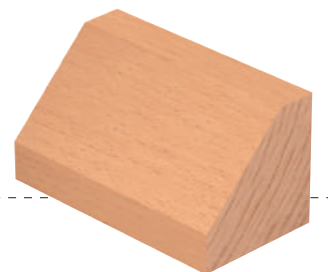
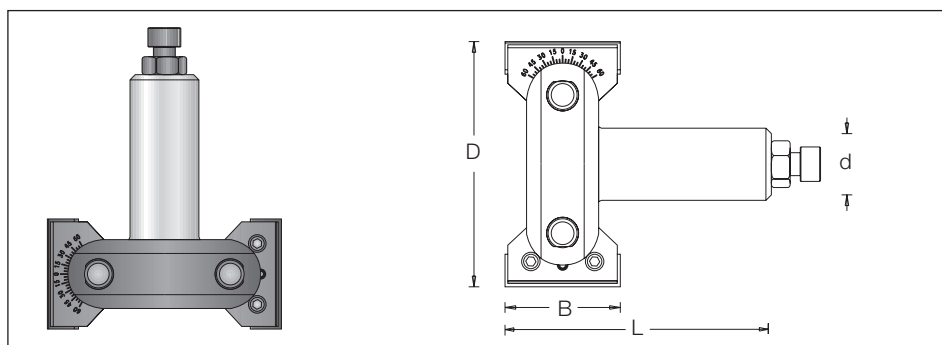
Carving



Clamping
Systems &
Adapters

Adjustable Bevel Router Cutter

Disposable insert router cutter complete with two cutting flutes. Suitable for producing chamfer cuts at various angles in softwood, hardwood and man-made board. Cutting angle can be adjusted in 7.5° steps by using a notched scale. Fine adjustment of 1° is also possible. For use on machining centers with CNC control.



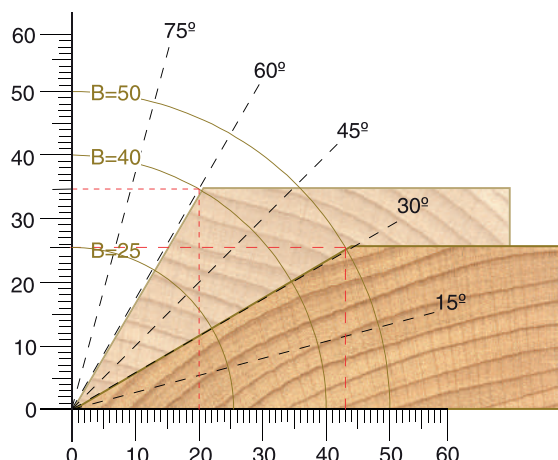
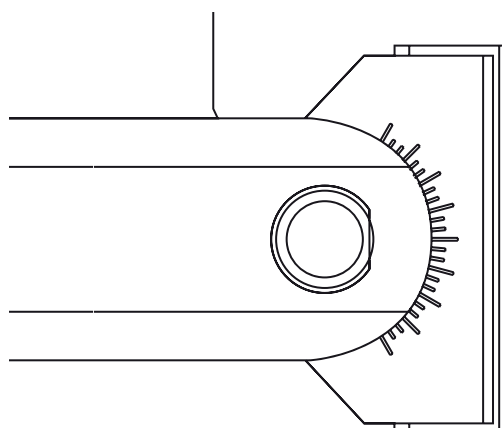
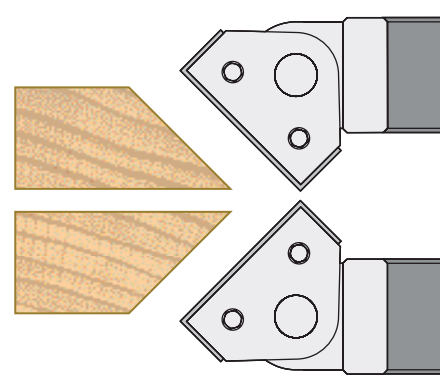
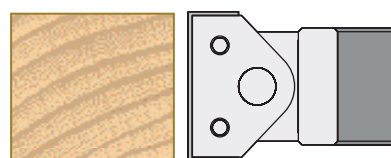
øD	a	Code No.	B	Z	L	ød	n
85	-45° → +90°	8540010	40	2	100	25*	12,000
110	-45° → +90°	854004H	50	2	130	25	10,000

⚠ Fast tuning angle of 7.5° step.

*Also available with 20 mm diameter shank.

Spare Parts:

B=40	T.C. Blade	Wedge	Locking wedge	Allen screw	Allen screw	Allen key
300 052 8	199 082 0	199 403 1	193 049 4	193 075 2	194 003 5	194 003 6
40x12x1.5	L=38	25x12	M6x8	M5x16	S-3	S-4
B=50	310 125 0	199 925 1				
50x12x1.5	L=48					

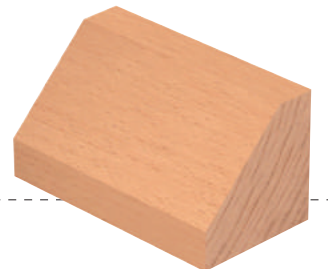
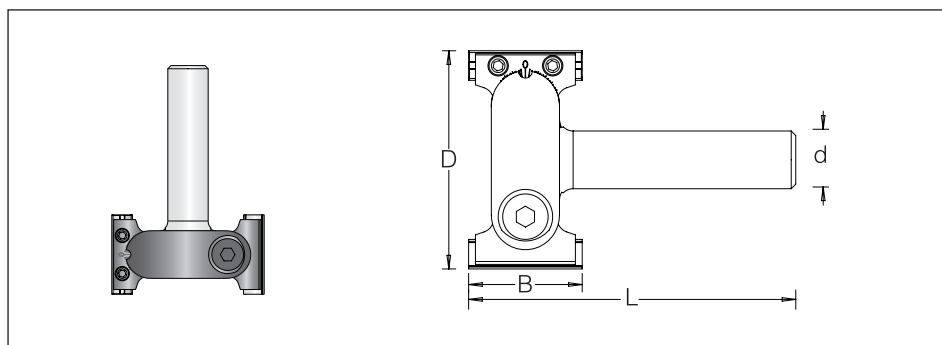


Scale -1:1

Adjustable Bevel Router Cutter, Mini

NEW

Disposable insert router cutter complete with two cutting flutes. Suitable for producing chamfer cuts at various angles in soft wood, hard wood and man-made boards. Cutting angle can be adjusted in 15° steps by using a notched scale. For use on routers and machining centers with CNC control.



øD	Code No.	B	Z	L	ød	n
50.47	8540029	25.0	2	72	12.0	12,000

Spare Parts:



T.C. Blade
3107525
25X6.5X1.1



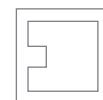
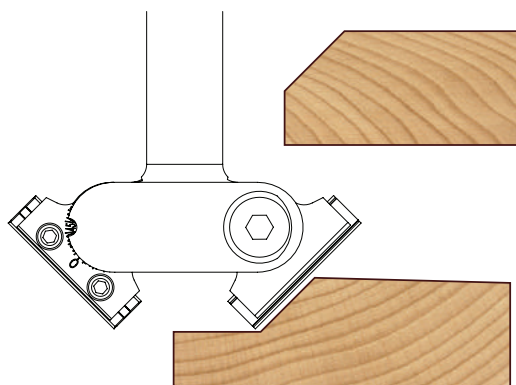
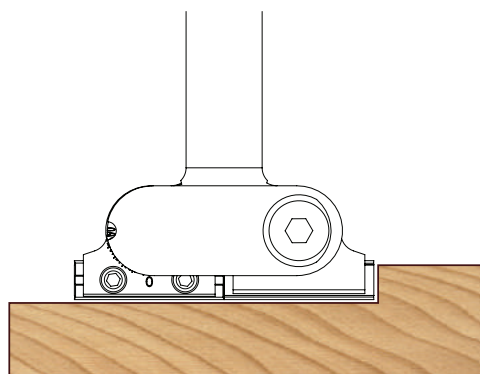
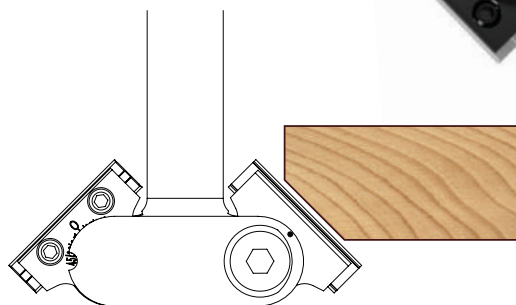
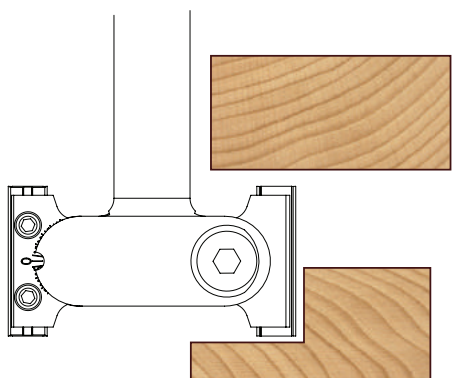
Allen screw
1930391
M4x3



Allen Key
1940150
S3



Allen Key
1940200
S4



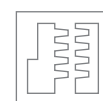
Grooving
& Sizing



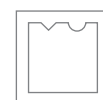
Profiling &
Chamfering



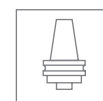
Door Frame
& Panel



Jointing &
Rebating



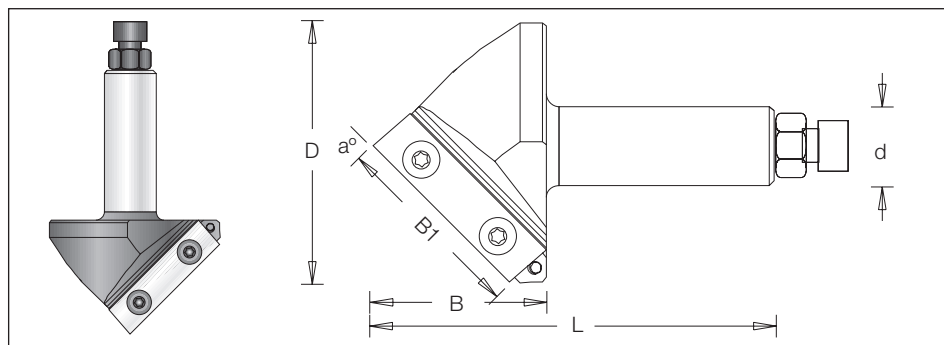
Carving



Clamping
Systems &
Adapters

Insert V- Groove Router Cutter with Locking screw

Disposable insert router complete with one or two cutting flutes designed to miter fold and V groove on solid wood, hard wood and man-made board, to perfect the joint.



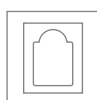
øD	Code No.	a	B	B1	Z	L	ød	n
50.0	8053600	60°	44.6	51.5	1	111	20	18,000
66.0	8053750	90°	33.0	47.0	1	97	20	18,000
67.0	8053650	91°	33.0	47.0	1	97	20	18,000
86.6	1053700	120°	25.0	50.0	2	97.5	20	15,000
90.6	8053850	130°	20.8	50.0	2	98.0	20	12,000
96.6	1053800	150°	13.0	50.0	2	90.3	20	12,000



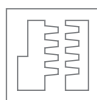
Grooving
& Sizing



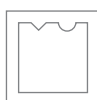
Profiling &
Chamfering



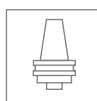
Door Frame
& Panel



Joining &
Rebating



Carving



Clamping
Systems &
Adapters

Spare Parts:



T.C. Blade

a= 60°
310 500 2
59.7X12x1.5



Torx screw

a= 90°
a= 91°
310 500 1
48X12x1.5



Torx key

a= 120°
a= 130°
a= 150
310 500 4
50x12x1.5

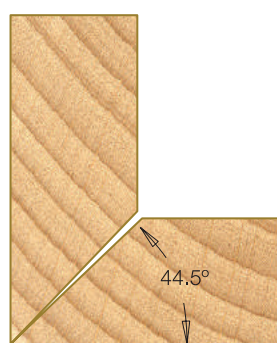
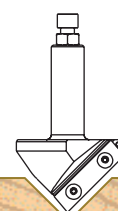
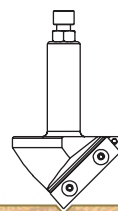
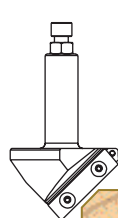
193 395 0
M4x6
194 101 5
T-15

193 148 2
M4x5.6

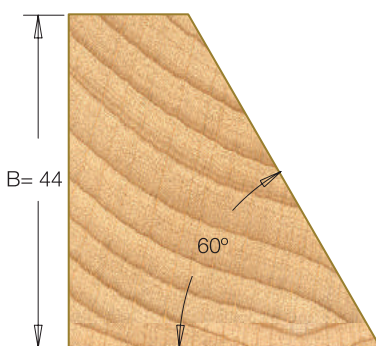
193 148 2
M4x5.6

193 148 2
M4x5.6

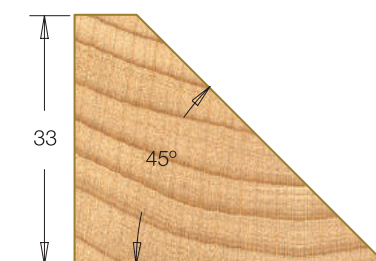
193 148 2
M4x5.6



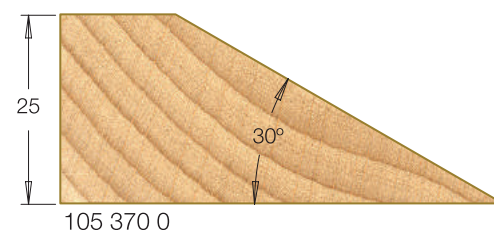
805 365 0



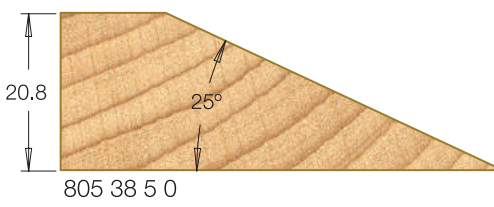
805 360 0



805 375 0



105 370 0

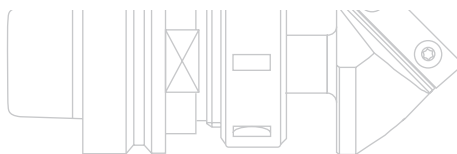


805 38 5 0



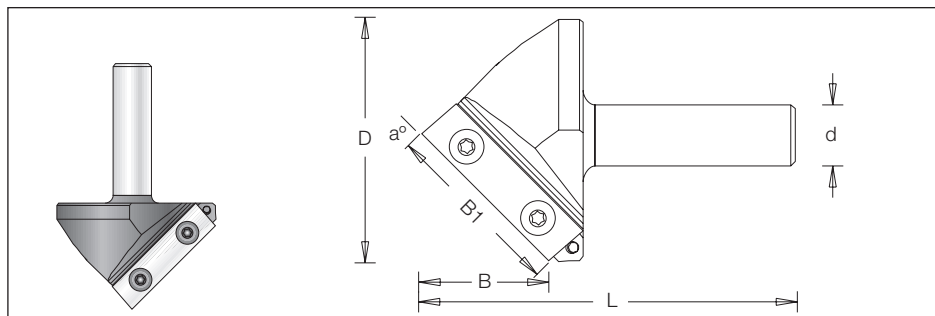
105 380 0

Scale -1:1



Insert V- Groove Router Cutter

Disposable insert router complete with one or two cutting flutes designed to engrave on solid wood, hard wood and man-made board.



øD	Code No.	a	B	B1	L	Z	ød	n
20.8	1054059	45°	25.0	27.0	60.3	1	12	18,000
22.8	1053529	50°	24.5	27.0	65.0	1	12	18,000
26.0	1054069	60°	23.4	27.0	60.4	1	12	18,000
31.0	1053569	70°	22.1	27.0	66.0	1	12	18,000
38.4	1053619	90°	19.0	27.0	76.5	1	12	18,000
38.4	1053609	91°	19.0	27.0	76.5	1	12	18,000
41.2	1053629	100°	17.3	27.0	81.0	1	12	18,000
44.2	1053649	110°	15.5	27.0	81.0	1	12	18,000
51.6	1054009	120°	14.7	29.8	77.7	2	12	18,000
54.0	1053669	130°	12.7	29.8	77.0	2	12	18,000
57.6	1053909	150°	7.6	29.5	75.0	2	12	18,000
58.7	1053689	160°	5.0	29.8	70.7	2	12	18,000

Spare Parts:



T.C. Blade
310 523 0
27x9x1.5



Torx screw
193 354 8
M3.5x4.8



Torx key
194 101 5
T-15

a = 45°

a = 50°

a = 60°

a = 70°

a = 90°

a = 91°

a = 100°

a = 110°

a = 120°

a = 130°

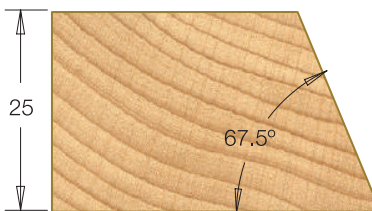
a = 150°

a = 160°

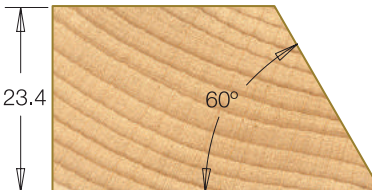
12.4



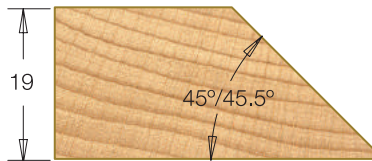
105 366 9



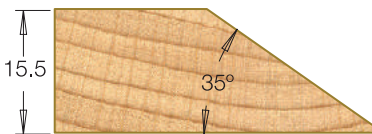
105 405 9



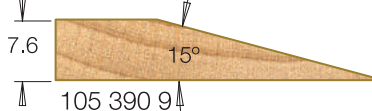
105 406 9



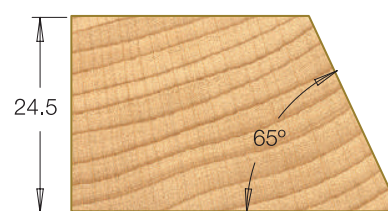
105 361 9 & 105 360 9



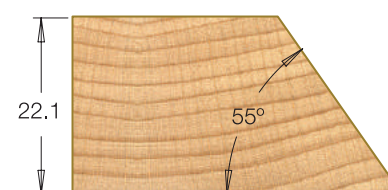
105 364 9



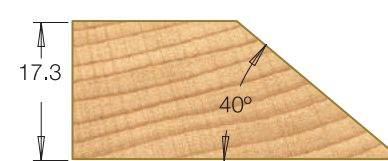
105 390 9



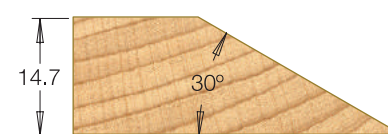
105 352 9



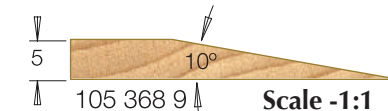
105 356 9



105 362 9



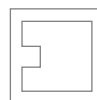
105 400 9



105 368 9

Scale -1:1

CNC



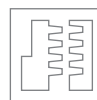
Grooving
& Sizing



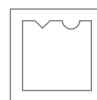
Profiling &
Chamfering



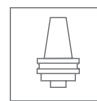
Door Frame
& Panel



Jointing &
Rebating



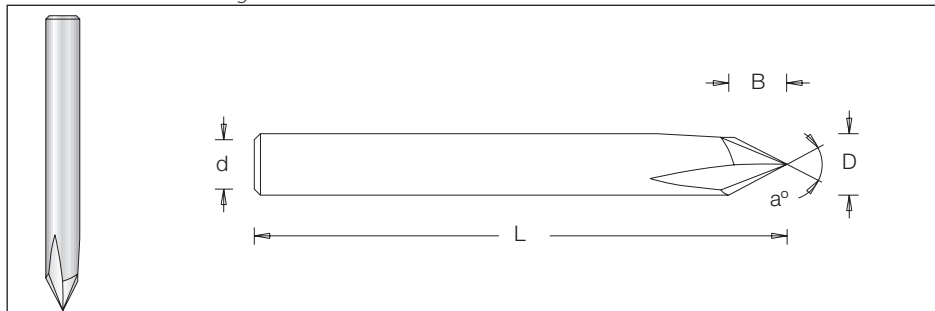
Carving



Clamping
Systems &
Adapters

Solid Carbide Grooving & Engraving

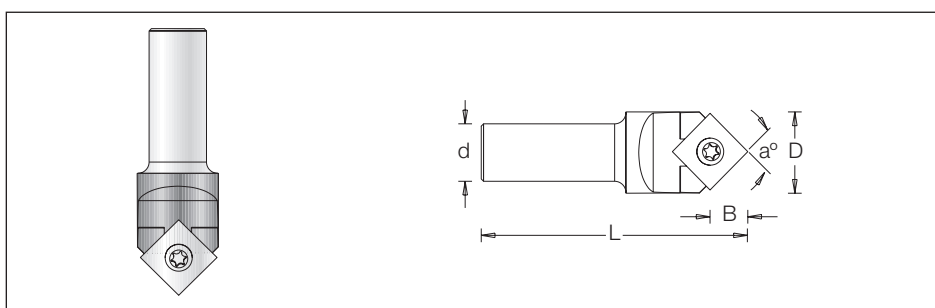
Solid tungsten carbide router cutter complete with three flutes. Suitable for producing v-grooves in soft wood, hard wood or man-made board. Specially designed for engraving and sign writing. For use on routers and machining centers with or without CNC control.



øD	a	Code No.	B	L	ød	n
8	60°	so1053155	7	70	8	35,000

Grooving & Engraving Router Cutter

Disposable insert router with one cutting flute designed for engraving on solid wood, Hard wood and man-made board.



øD	a	Code No.	B	L	ød	n
17	90°	1053509	8.4	59	12	35,000

Spare Parts:



T.C. Blade
#310 121 2
12X12X1.5



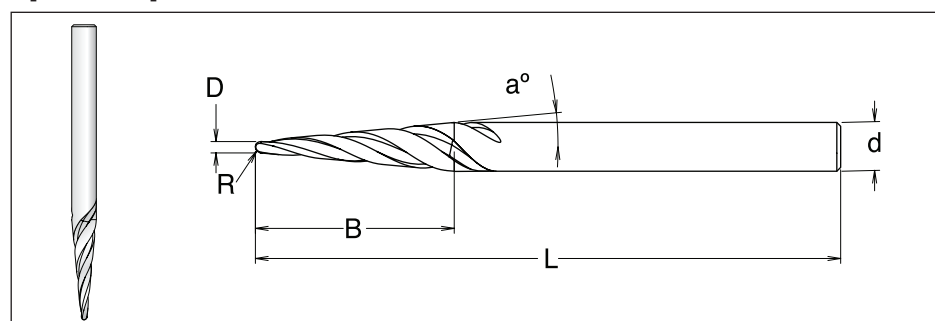
Torx screw
#193 364 8
M3.5x4.8



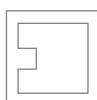
Torx key
#194 101 5
T15

Spiral Taper Ball nose For Plastic , MDF & Non Ferrous Metals.

NEW



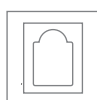
øD	Code No.	B	a°	R	Z	L	ød	n
1.6	SOT1060204	25.4	5.4°	0.8	2	76.2	6.35	35,000
3.2	SOT1060214	12.7	7°	1.6	3	76.2	6.35	35,000
3.2	SOT1060224	25.4	3.6°	1.6	3	76.2	6.35	35,000
3.2	SOT1060234	38.1	1°	1.6	3	76.2	6.35	35,000
6.35	SOT1060248	25.4	7°	3.2	4	101.6	12.7	35,000
6.35	SOT1060258	50.8	3°	3.2	4	101.6	12.7	35,000



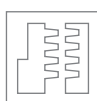
Grooving
& Sizing



Profiling &
Chamfering



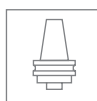
Door Frame
& Panel



Jointing &
Rebating



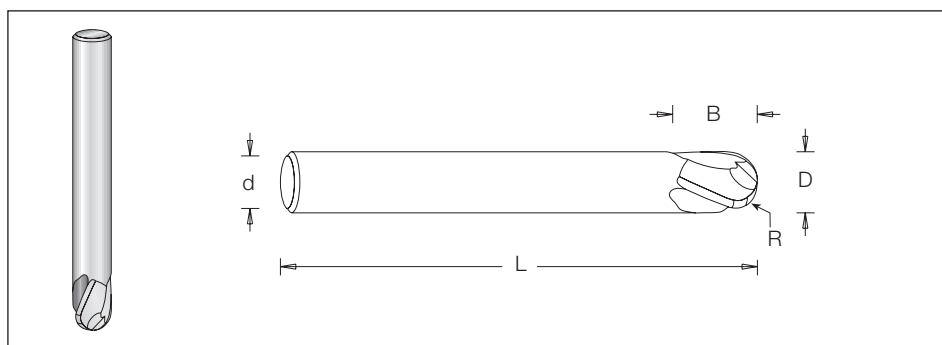
Carving



Clamping
Systems &
Adapters

Solid Carbide Radius Grooving

Solid tungsten carbide router cutter complete with three flutes. Suitable for producing radial grooves in soft wood, hard wood or man-made board. Specially designed for engraving and sign writing. For use on routers and machining centers with or without CNC control.

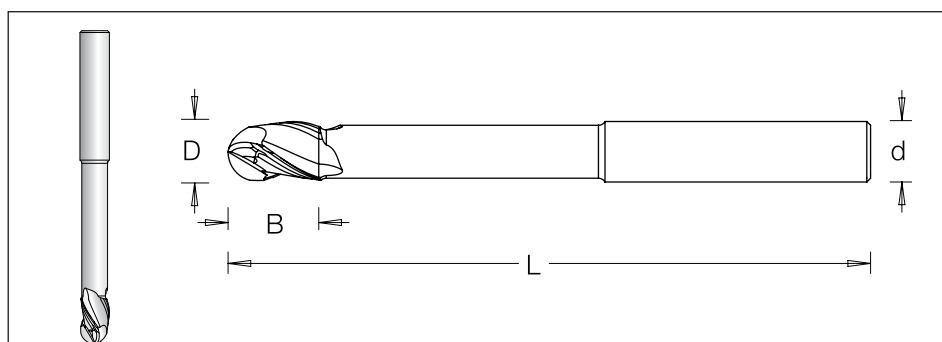


øD	R	Code No.	B	Flute	L	ød	n
3	1.5	so106303z*	3	2	60	3	35,000
6	3	so1063043	9	3	60	6	35,000
8	4	so1063085	11	3	70	8	35,000
10	5	so1063097	13	3	80	10	35,000

Ball Nose End Mill

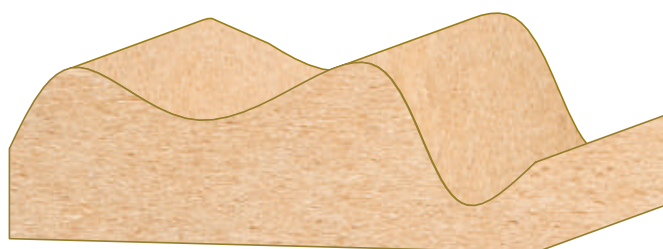
Solid tungsten carbide router suitable for round corners, edges, pockets and 3D curving. For use in all types of materials such as MDF, plastics and aluminum. All tools made with neck clearance for deep cuts.

NEW

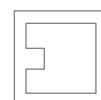


øD	Code No.	B	Z	L	ød
6.0	SO1063763	9.0	3	80.0	6
8.0	SO1063775	12.0	3	85.0	8
10.0	SO1063787	15.0	3	100.0	10
12.0	SO1063799	16.0	3	100.0	12

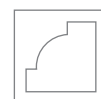
øD	Uncoated	B	Z	L	ød
6.35	73034064	9.52	3	76.0	6.35
7.95	7303407Z	12.7	3	88.9	7.94
9.52	73034086	15.87	3	101.6	9.52
12.7	73034098	19.05	3	127	12.7



CNC



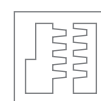
Grooving
& Sizing



Profiling
& Chamfering



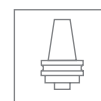
Door Frame
& Panel



Jointing
& Rebating



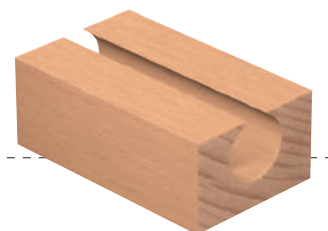
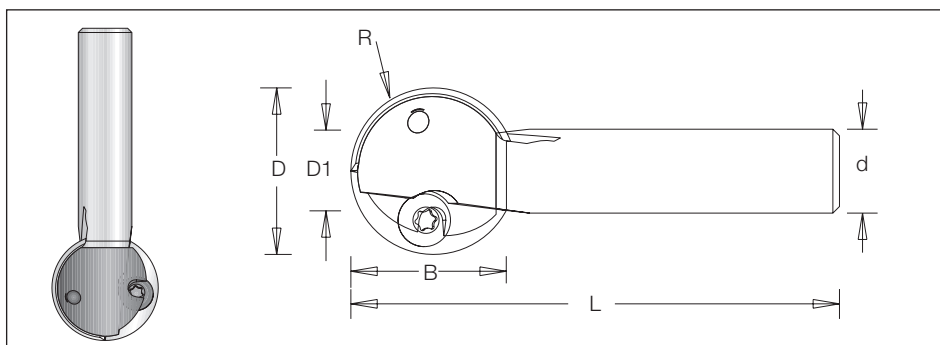
Carving



Clamping
Systems &
Adapters

Ball Groovers Router Cutter

Disposable insert router with one or two cutting flutes, suitable for light CNC and manual routing applications. Designed for 3D carving, milling and routing of electrical wire installation slots.



øD	D1	R	Code No.	B	Z	L	ød	n
12.7	10.3	6.35	1063629	10.3	1	66.7	12	18,000
16.0	13.3	8.0	1063649	14.0	2	70.0	12	18,000
19.0	15.0	9.5	1063669	17.0	2	66.7	12	18,000
25.4	17.0	12.7	1063689	23.8	2	74.0	12	18,000

Spare Parts:



T.C. Blade

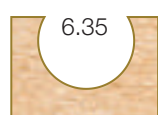
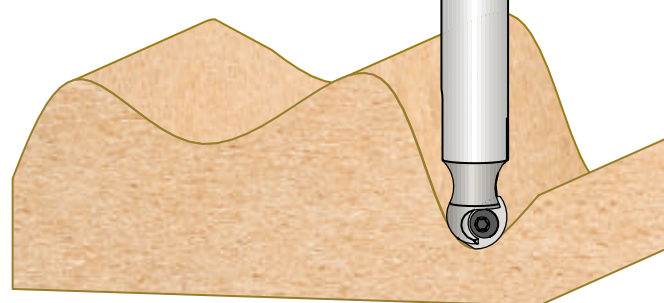
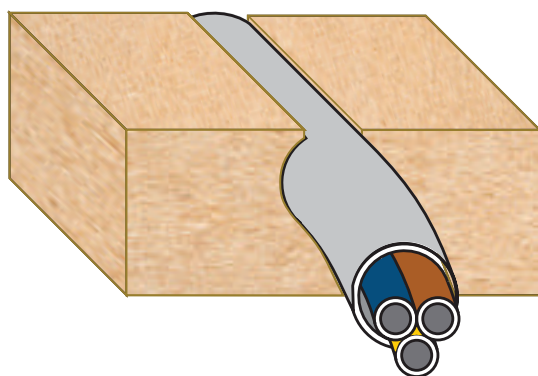


Torx screw



Torx key

R= 6.35	310 650 1	193 400 0 M3x4	194 111 0 T-9
R= 8.0	310 650 2	193 354 8 M3.5x4.8	193 111 5 T-15
R= 9.5	310 650 3	193 400 0 M3x4	193 110 0 T-9
R= 12.7	310 650 4	193 148 2 M4x5.6	194 101 5 T-15



1063629



1063649



1063669



1063689

Scale -1:1

CNC



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating



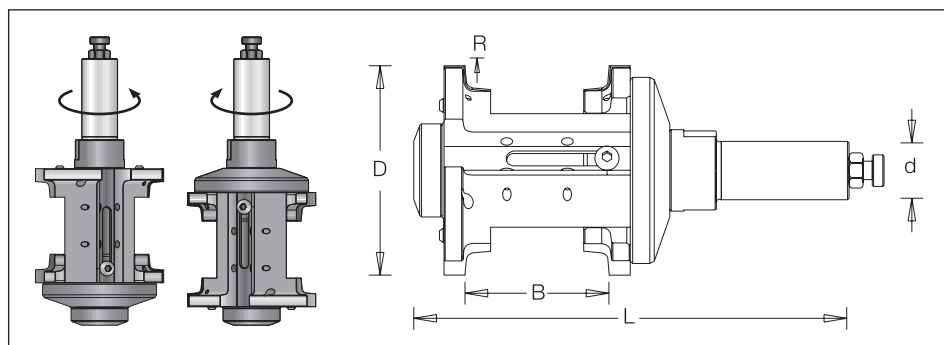
Carving



Clamping
Systems &
Adapters

Rounding & Chamfering Router Cutter Set

Disposable insert router cutter suitable for rounding over and/or chamfering various thicknesses of soft wood, hard wood or man-made board. Allows continuous adjustment with a scale accuracy of 0.5mm. Can be adjusted for working in a left or right rotational direction. For use on routers and machining centers with CNC control.

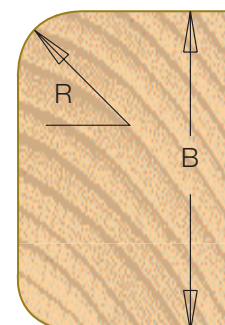
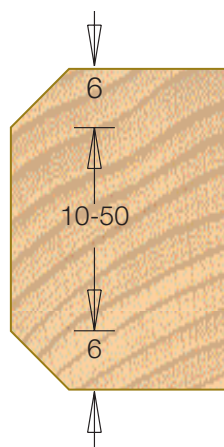


øD	R/a	Code No.	B	Z	L	ød	n
90	3	852413H	18-58	2+2+2	186	25x55	10,000
	4	852414H	18-58	2+2+2	186	25x55	10,000
	5	852415H	18-58	2+2+2	186	25x55	10,000
	6	852416H	18-58	2+2+2	186	25x55	10,000
	8	852418H	20-60	2+2+2	186	25x55	10,000
	10	852420H	22-62	2+2+2	186	25x55	10,000
	45°	852421H	12-62	2+2+2	186	25x55	10,000
Set No.	3-10 & 45°	852410H		2+2+2			

⚠ No shims needed to adjust.
Also available with 20mm diameter shank.

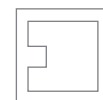
Spare parts:

	T.C. Blade Top	T.C. Blade Bottom	T.C. Blade	Torx screw	Arbor	Allen screw	Allen screw	Allen key	Torx key
R3	#310 896 3	#310 896 3L	#300 053 1 60x12x1.5	#193 395 0 M4x6	190 810 H L=186	193 608 0 M5x20	193 076 0 M6x12	194 003 6 S4	194 101 5 T15
R4	#310 896 4	#310 896 4L							
R5	#310 896 5	#310 896 5L							
R6	#310 896 6	#310 896 6L							
R8	#310 896 8	#310 896 8L							
R10	#310 897 0	#310 897 0L							
45°	#310 300 1	#310 300 1L							



Scale -1:1

CNC



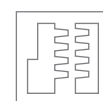
Grooving
& Sizing



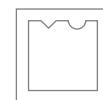
Profiling &
Chamfering



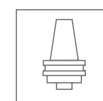
Door Frame
& Panel



Jointing &
Rebating



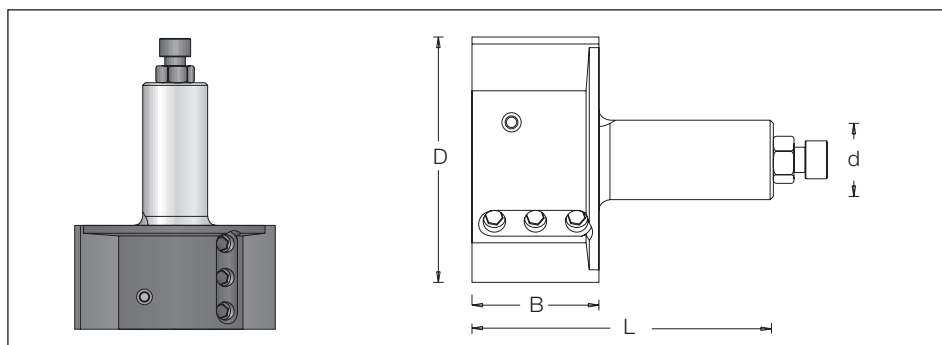
Carving



Clamping
Systems &
Adapters

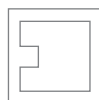
Multi Profile & Rebating Router Cutter

Disposable insert profile router cutter with two cutting flutes. Suitable for profiling in softwoods, hardwoods and man-made boards (with or without coating). Tool will be supplied with special inserts and backing plates ground to the customer's own specification. For use on routers and machining centres with CNC control.



øD	Code No.	B	Z	L	ød	n
80	8560020	40	2	100	25	18,000

⚠ Also available with 20mm diameter shank.



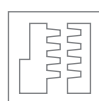
Grooving
& Sizing



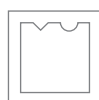
Profiling &
Chamfering



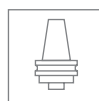
Door Frame
& Panel



Jointing &
Rebating



Carving



Clamping
Systems &
Adapters

Spare Parts:



Special profile
305 650 1



Wedge
199 022 0
40x13.5x8



Supporting plate
199 110 0
40x26x4



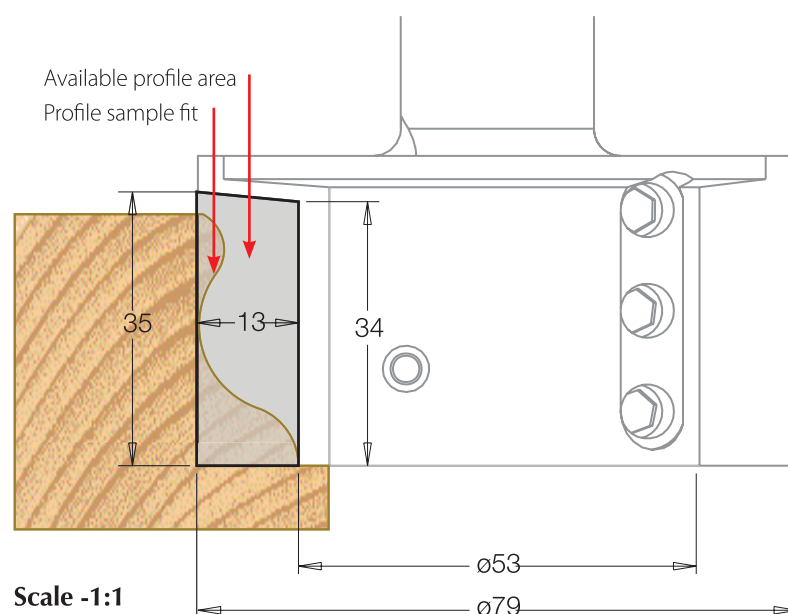
Allen screw
193 040 0
M8x10



Allen key
194 015 0
S-4

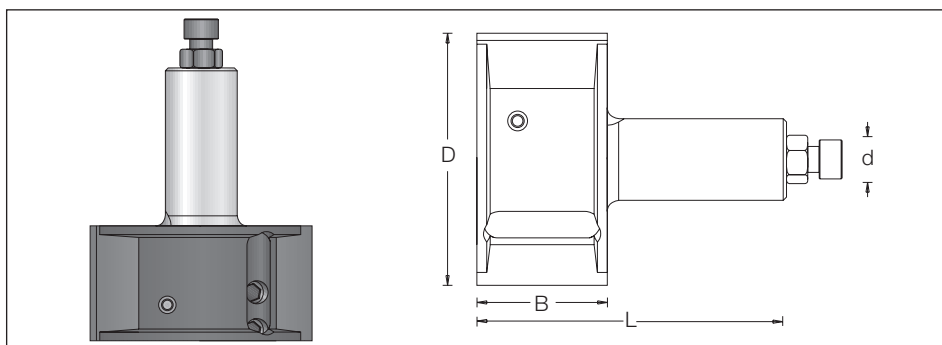
The router will be supplied with knives ground according to customer specifications that fit into the marked area below.

For each new profile, two supporting plates must be ordered.



Multi Profile Router Cutter for side- cut operations

Disposable insert profile router cutter with two cutting flutes. Suitable for profiling in softwoods, hardwoods and man-made boards (with or without coating). Tool will be supplied with special inserts and backing plates ground to the customer's own specification. For use on routers and machining centres with CNC control.



øD	Code No.	B	Z	L	ød	n
80	8560010	40	2	100	25	18,000

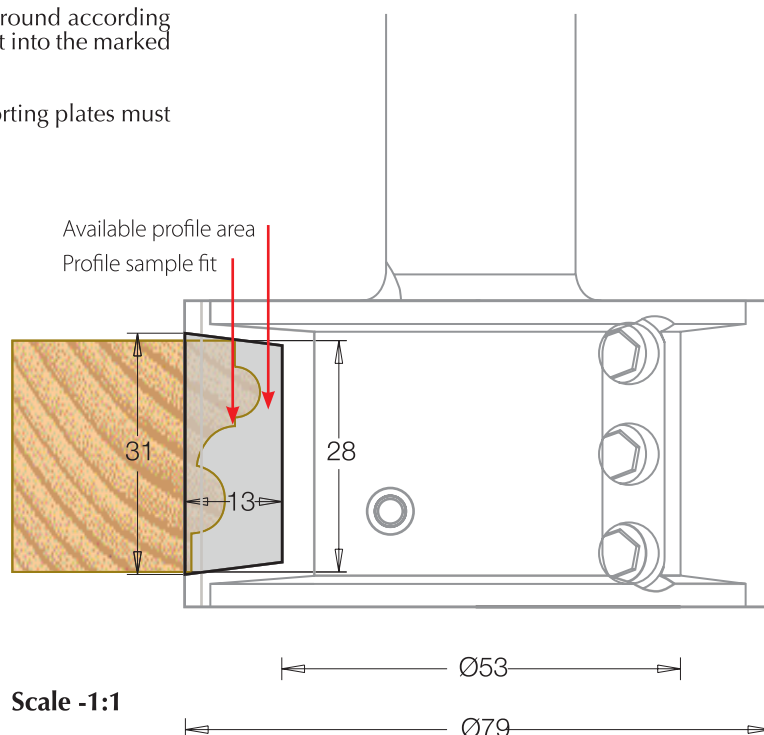
⚠ Also available with 20mm diameter shank.

Spare Parts:

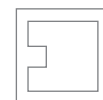
Special profile	Wedge	Supporting plate	Allen screw	Allen key
199 022 0	199 110 0	199 110 0	193 026 6	194 015 0
40x15.5x8	40x26x4	40x26x4	M8x10	S4

Router is supplied with knives ground according to customer specifications that fit into the marked area shown below.

For each new profile, two supporting plates must be ordered.



CNC



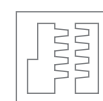
Grooving
& Sizing



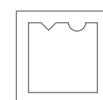
Profiling &
Chamfering



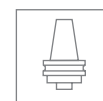
Door Frame
& Panel



Joining &
Rebating



Carving



Clamping
Systems &
Adapters

CNC Multi Profile Router Bits for Cabinet Doors



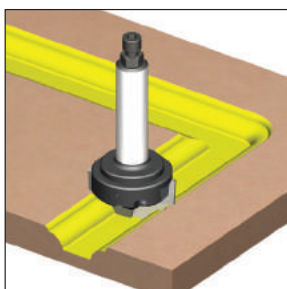
Three types of knife holders in numerous combinations allow you to achieve a wide variety of frame and door panel profiles using natural timber as well as MDF.

Custom-made profile cutters are also available.

Creating more complex profiles may require the use of additional tools or involve making several passes to complete the profile.

An efficient solution is to divide complex profiles into partial profiles, that can be assembled inline using replaceable knife holders, and ready to be coated, painted or veneered.

1. First Pass



Code No.	øD	B	L	ød
8080310	56	25	109	20



T.C. Blade
3511700



VIOLA Door

W = width of the frame.

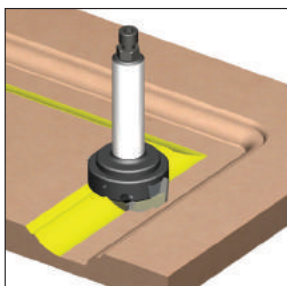
H = maximum depth of the frame.

In the example:

W = 50 and H = 13

Any change in the dimensions of the frame width and depth should be made according to the formula given in each tool drawing.

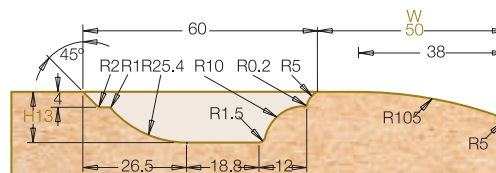
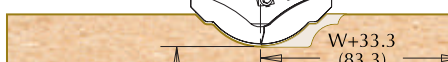
2. Second Pass



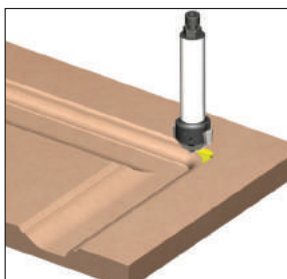
Code No.	øD	B	L	ød
8080320	56	25	109	20



T.C. Blade
3510601



3. Third Pass



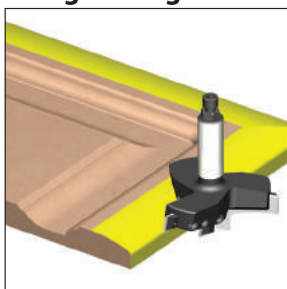
Code No.	øD	B	L	ød
8080630	32	24	109	20



T.C. Blade
3511701



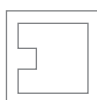
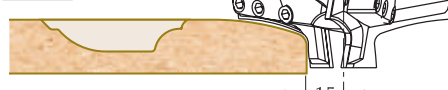
4. Edge Sizing & Profiling Pass



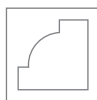
Code No.	øD	B	L	ød
8171230	106	20	99.5	20



T.C. Blade
3117532



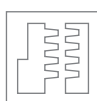
Grooving
& Sizing



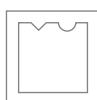
Profiling
& Chamfering



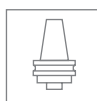
Door Frame
& Panel



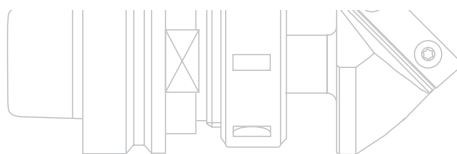
Jointing
& Rebating



Carving



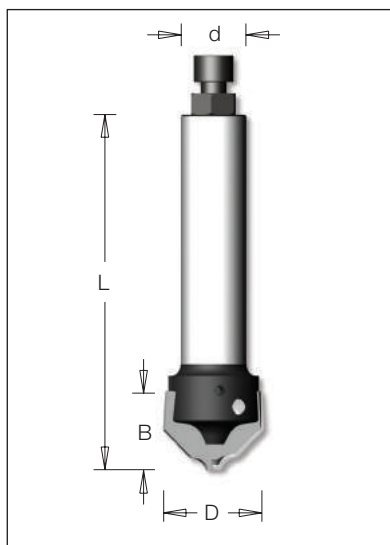
Clamping
Systems &
Adapters



Three Styles of Universal Replaceable Knife Holders.

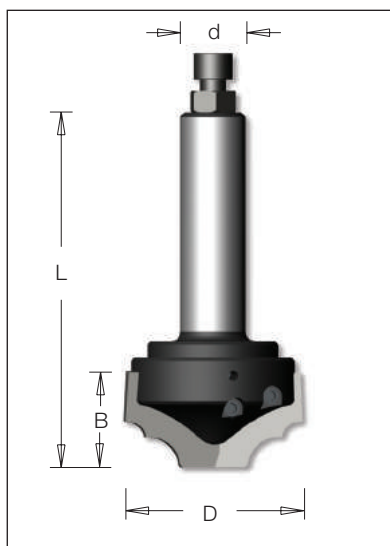
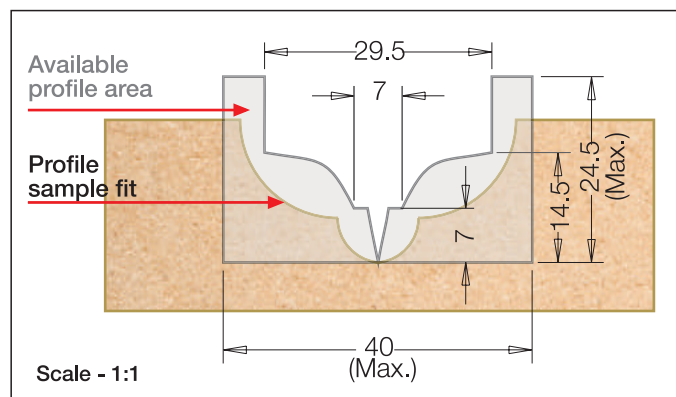
With the following grinding envelope, it can be determined, which part of the profile can be made by what tool. Tool diameter, profile symmetry and the overlap should also be taken into consideration of how to divide the profile.

Special knives require a minimum quantity order. Assembled tool with special knife, will have a different catalog number.



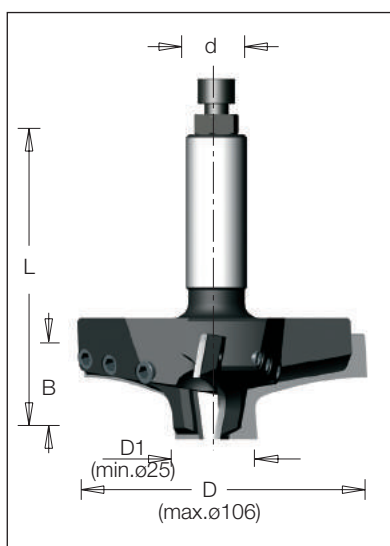
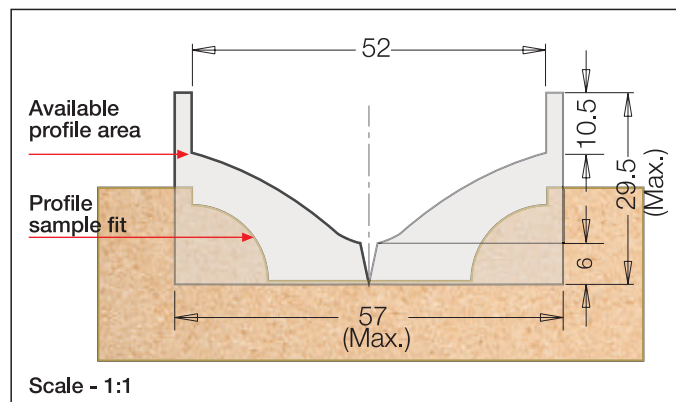
Code No.	øD	B	Z	L	ød
8080110	40	24.5	2	109	20

⚠ Also available with 25mm diameter shank.



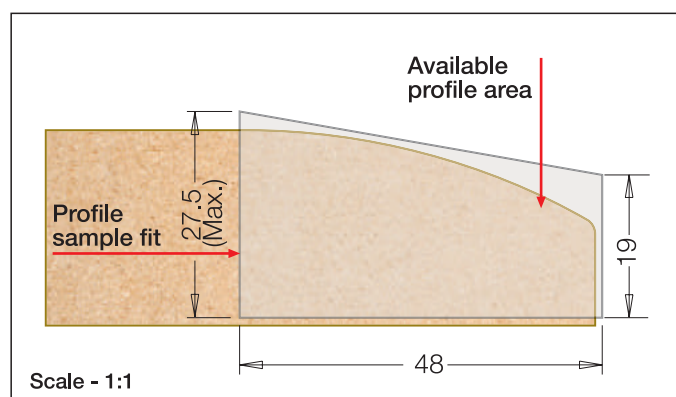
Code No.	øD	B	Z	L	ød
8080350	57	29.5	2	109	20

⚠ Also available with 25mm diameter shank.

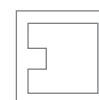


Code No.	øD	øD1	B	Z	L	ød
8171x3 0	106	25	27.5	3	99.5	20

⚠ Also available with 25mm diameter shank.



CNC



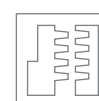
Grooving
& Sizing



Profiling &
Chamfering



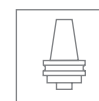
Door Frame
& Panel



Jointing &
Rebating



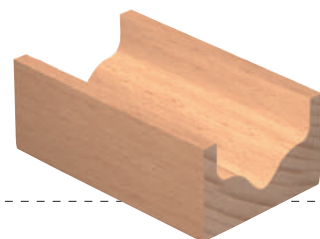
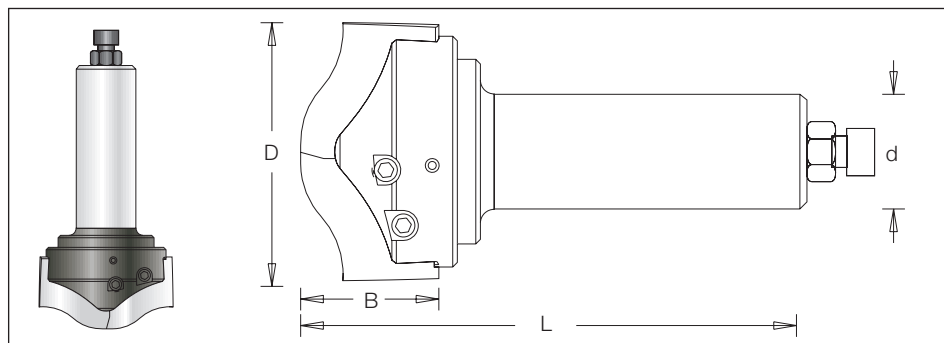
Carving



Clamping
Systems &
Adapters

Multi-Face Profile Router Cutter, Big

Disposable insert profile router cutter with two tungsten carbide cutting flutes. Suitable for profiling in softwoods, hardwoods and man-made boards. Tool will be supplied with standard inserts or special inserts ground to the customer's own specification. For use on routers and machining centres with CNC control.



øD	Code No.	B	Profile	Z	L	d	n
56	808035H	29.5	Customer design	2	109	25	14,000
	8080310	25.0	1	2	109	20	14,000
	8080320	25.0	2	2	109	20	14,000

⚠ Also available with 20/25mm diameter shank.

Spare Parts:



T.C. Blade

351 170 0

29x30x2.5



Allen screw

#193 049 5

M6x10



Allen key

#194 003 5

S3

Profile 1



T.C. Blade

351 060 1

29.5x30x2.5

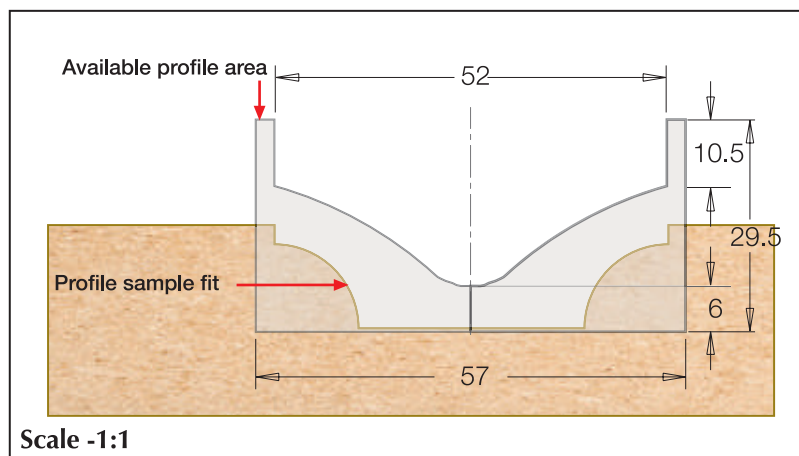
Profile 2



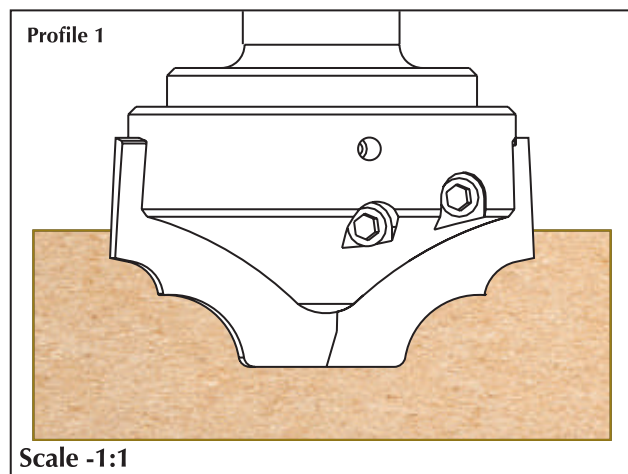
T.C. Blade

351 060 1

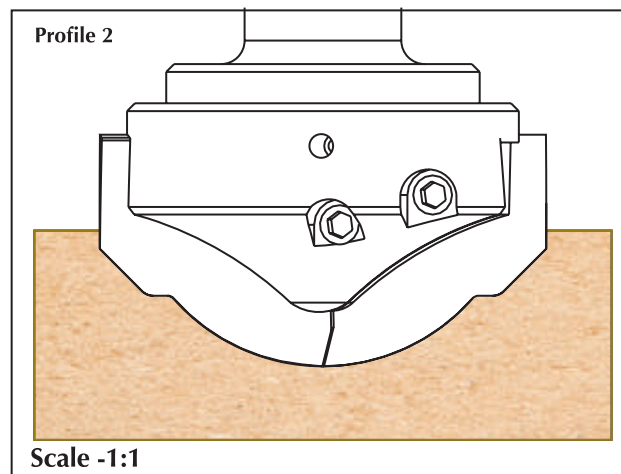
29.5x30x2.5



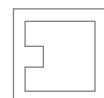
Scale -1:1



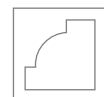
Scale -1:1



Scale -1:1



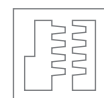
Grooving
& Sizing



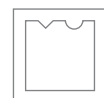
Profiling
& Chamfering



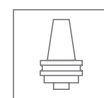
Door Frame
& Panel



Jointing
& Rebating



Carving

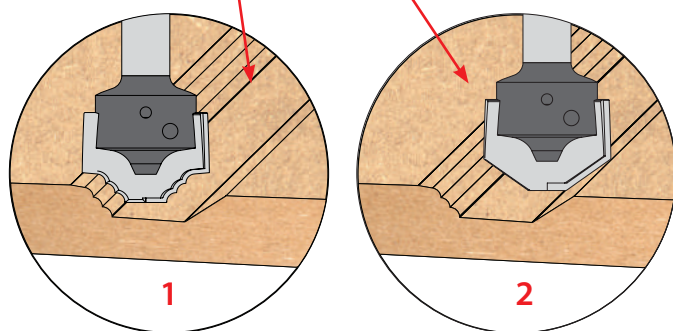
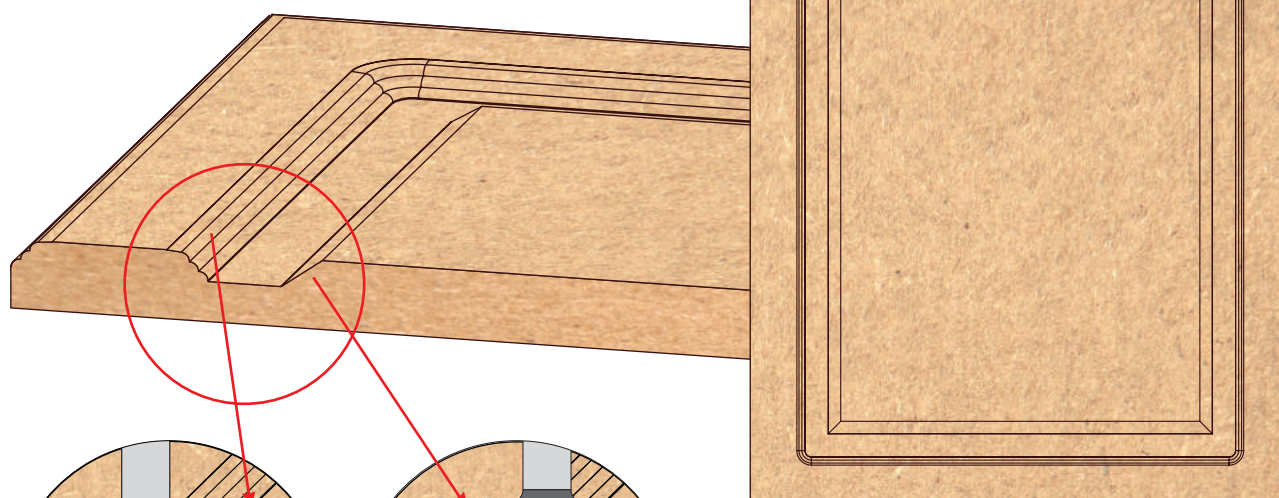


Clamping
Systems &
Adapters

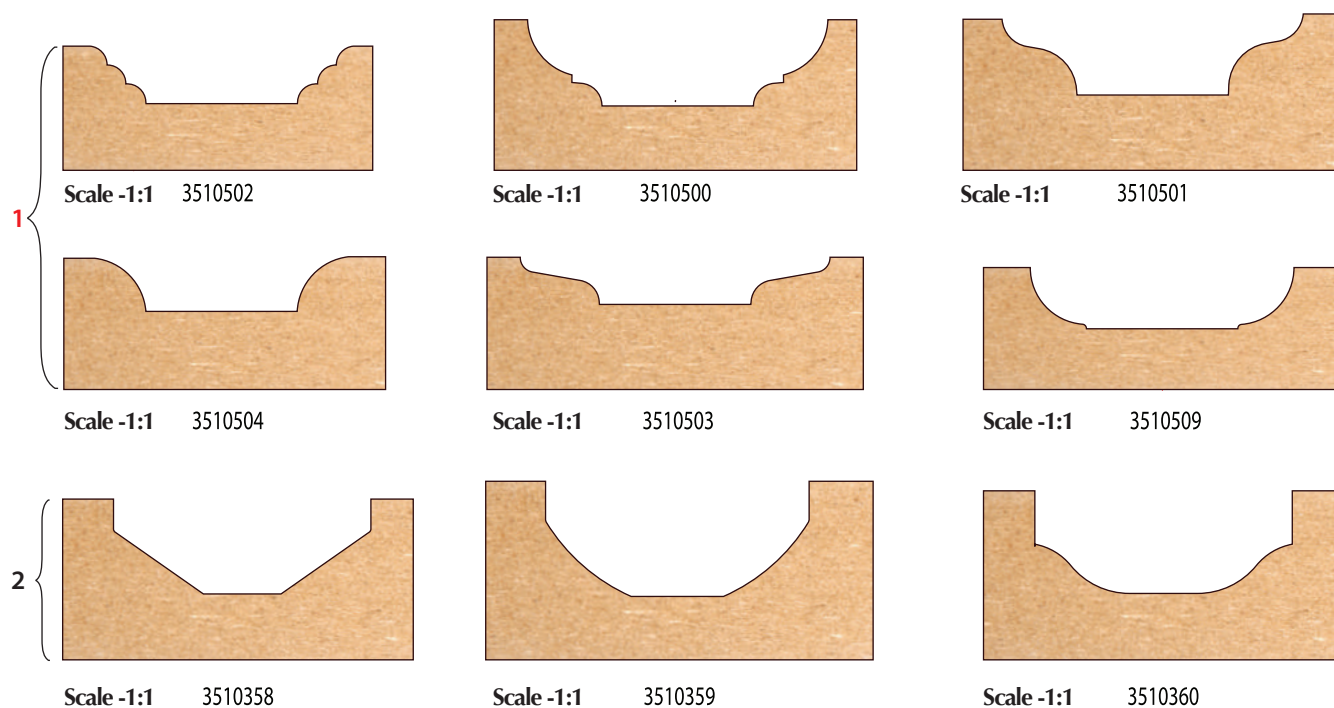
CNC Multi-Profile Router Bits for Cabinet Doors

NEW

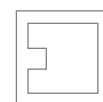
Based on Dimar's NOVA: New Age Router Bit System, we offer 15 different popular door-making profiles. Featuring 3 different profile knives for the inlet door combined with 5 different profiles for the outlet door and frame. Bottom diameter of the 5 outlet door profiles support a 12.7 diameter nesting router. Router bits are suitable for producing doors from MDF, veneered MDF and solid wood (soft and hard).



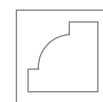
3510358 + 3510502



CNC



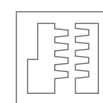
Grooving
& Sizing



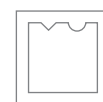
Profiling &
Chamfering



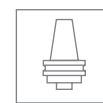
Door Frame
& Panel



Jointing &
Rebating



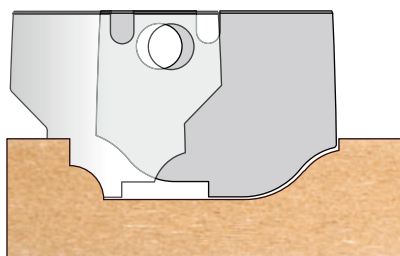
Carving



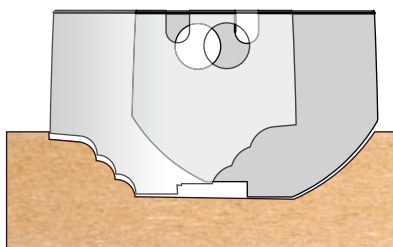
Clamping
Systems &
Adapters

CNC Multi-Profile Router Bits for Cabinet Doors

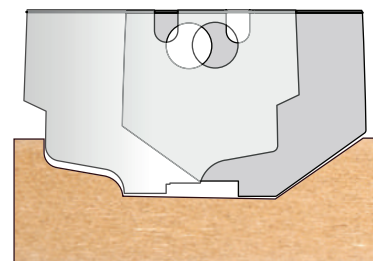
NEW



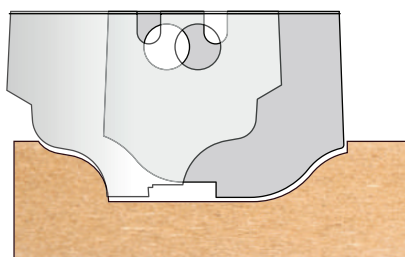
Scale -1:1 3510360+3510357



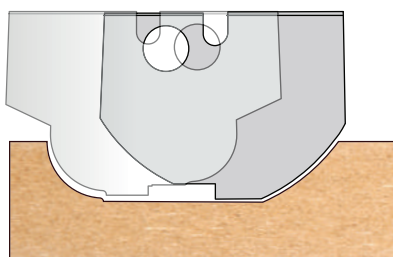
Scale -1:1 3510359+3510502



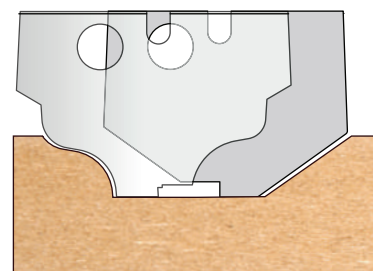
Scale -1:1 3510358+3510503



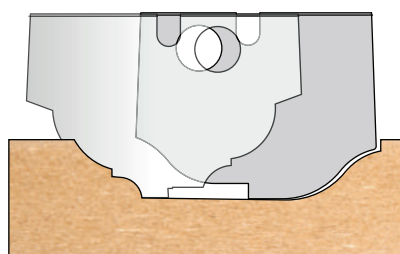
Scale -1:1 3510360+3510501



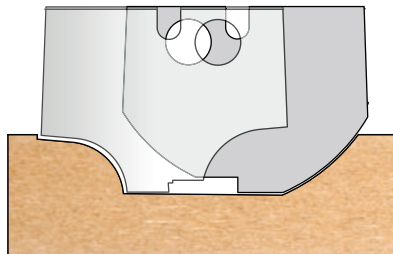
Scale -1:1 3510359+3510509



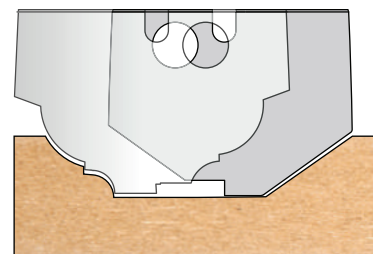
Scale -1:1 3510358+3510501



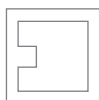
Scale -1:1 3510360+3510500



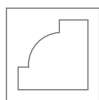
Scale -1:1 3510359+3510504



Scale -1:1 3510358+3510500



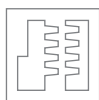
Grooving
& Sizing



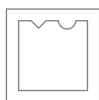
Profiling &
Chamfering



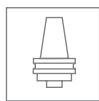
Door Frame
& Panel



Jointing &
Rebating



Carving

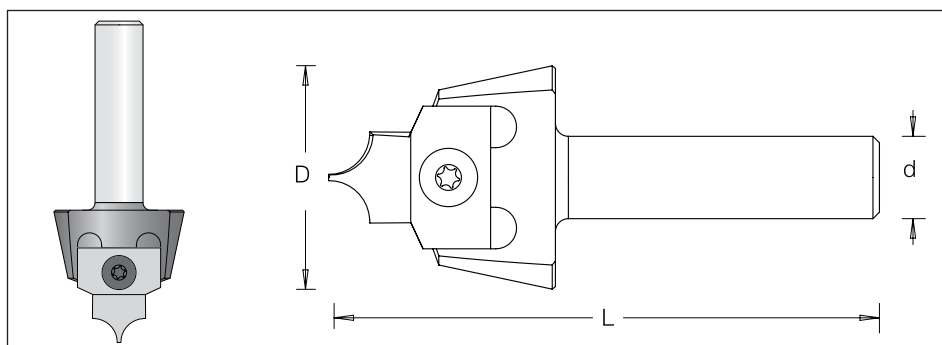


Clamping
Systems &
Adapters

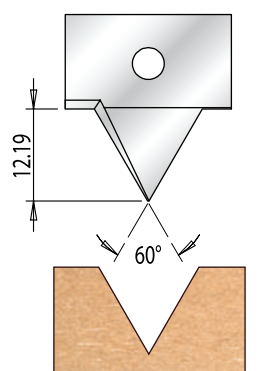
Insert for Round Over Point Cutter

NEW

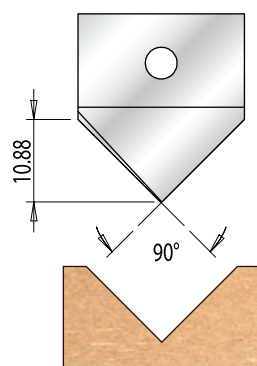
Disposable insert round over router with two-edge cutting geometry and seven different "V" groove profiles and round over. Bottom diameter less than 1 mm. Suitable for producing MDF doors, solid wood turning and curving and plastics routing. To be used on machining centers with CNC control.



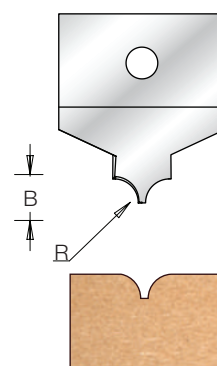
$\varnothing D$	Code No.	Z	L	$\varnothing d$	n
22	G1853x19	2	85	12	24,000



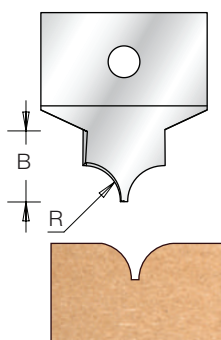
Code No.	α°	B
3185110	60	12.19



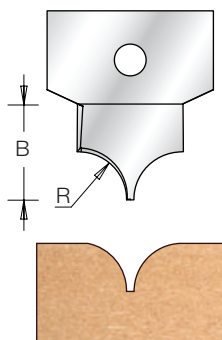
Code No.	α°	B
3185109	90	10.88



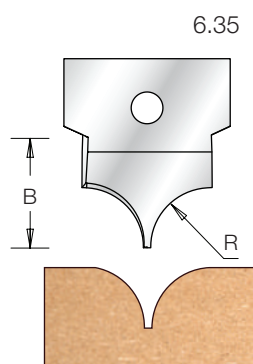
Code No.	R	B
3185101	3.2	6.35



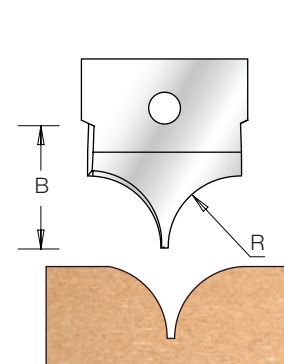
Code No.	R	B
3185102	4.8	9.5



Code No.	R	B
3185103	6.35	6.35



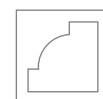
Code No.	R	B
3185104	8.0	15.0



Code No.	R	B
3185105	9.5	16.5



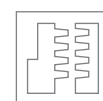
Grooving
& Sizing



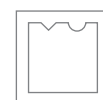
Profiling &
Chamfering



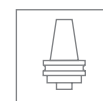
Door Frame
& Panel



Jointing &
Rebating



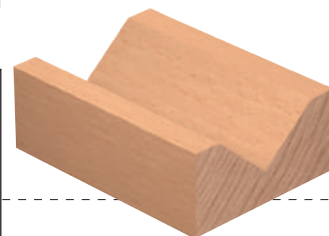
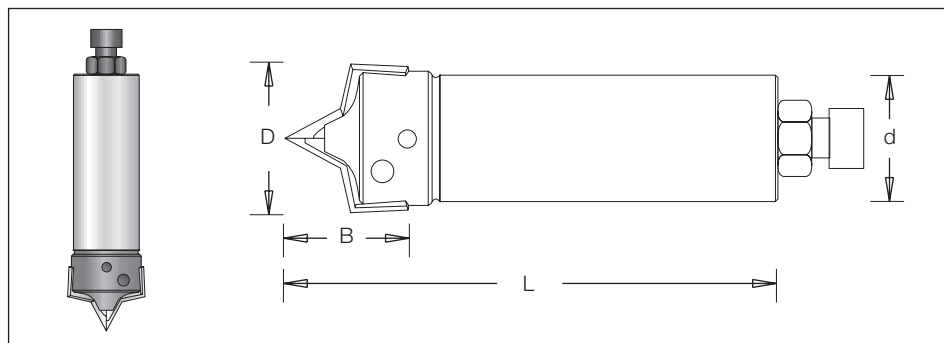
Carving



Clamping
Systems &
Adapters

Multi-Face Profile Router Cutter, Small

Disposable insert profile router cutter with two tungsten carbide cutting flutes. Suitable for profiling in softwoods, hardwoods and man-made boards. Tool will be supplied with standard inserts or special inserts ground to the customer's own specification. For use on routers and machining centres with CNC control.



øD	α°	R	B	Code No.	Profile	Z	L	ød	n
29.5	45		24.6	8080510	B51	2	82.5	20	28,000
	30		24.6	8080520	B52	2	82.5	20	28,000
		6.3	24.6	8080530	B53	2	82.5	20	28,000
		12.5	24.6	8080540	B54	2	82.5	20	28,000
		4.0	24.6	8080550	B55	2	82.5	20	28,000

! The router will be supplied with standard profiles or with knives grinded according to customer specification that fit into the marked area. Also available with 25mm diameter shank.

Spare Parts:



T.C. Blade

B51 351 051 0
31x25x2



Wedge

199 050 0
L=28



Allen Screw

#193 049 0
M5x10



Allen key

#194 008 0
S2.5



T.C. Blade

B52 351 050 5
31x25x2



T.C. Blade

B53 351 060 5
31x24x2



T.C. Blade

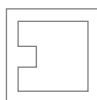
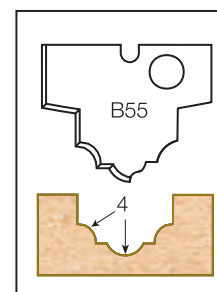
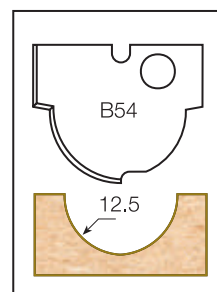
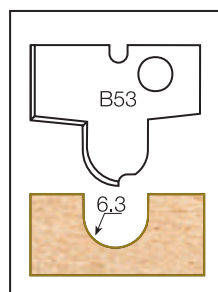
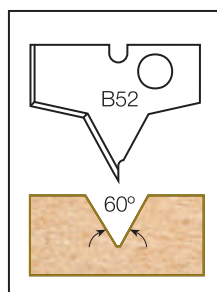
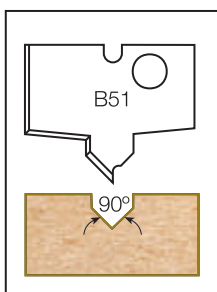
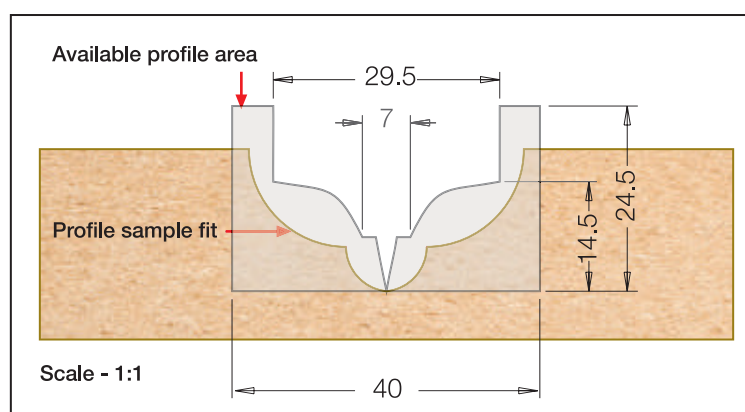
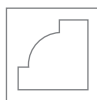
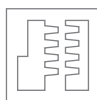
B54 351 061 0
31x24x2



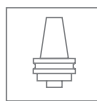
T.C. Blade

B55 351 310 5
31x24x2

1 Body 5 Profiles

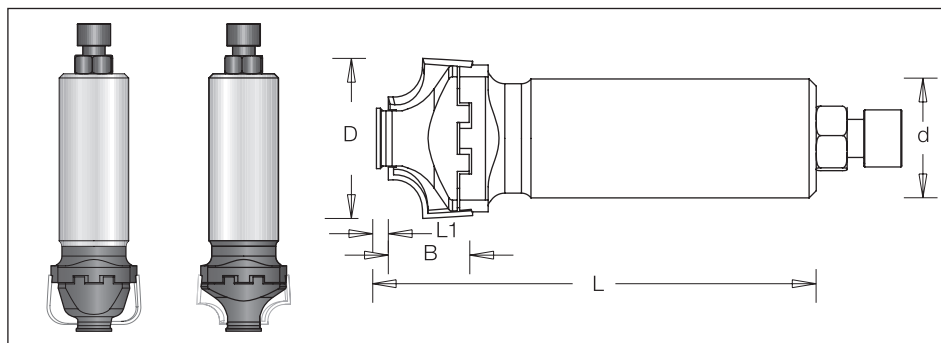
Grooving
& SizingProfiling &
ChamferingDoor Frame
& PanelJointing &
Rebating

Carving

Clamping
Systems &
Adapters

Multi-Edge Profile Router cutter

Disposable insert router cutter, chip free design and twenty three different profiles suitable for the same body.
Suitable for all types of wood.



Spare Parts:



Safety Cover
199 211 0



Safety Cover
199 212 0



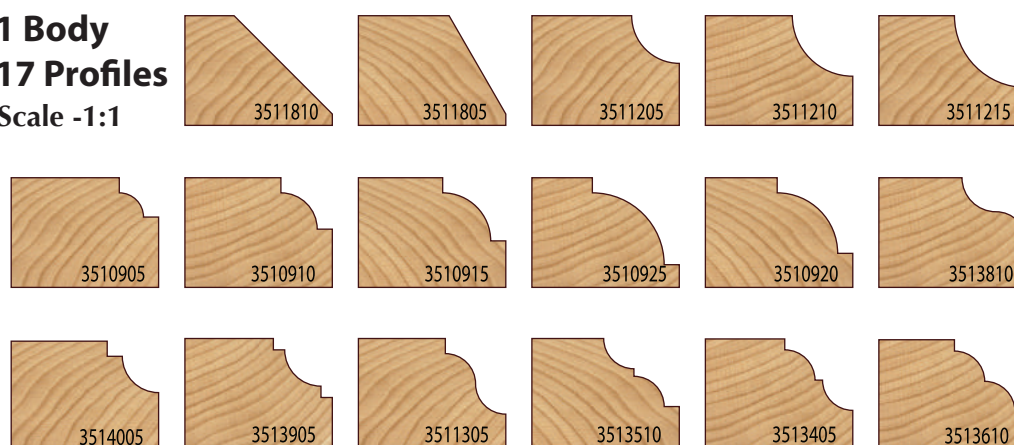
Allen screw
193 018 0
1/4"x57



Allen key
#194 010 0
5/32"

D	a°	R	Code No.	Knife No.	Safety Cover	B	d	Z	L	L1	n
35	30		808107H	3511805	1992110	17.5	25	2	92.5	2.5	28000
38	45		808602H	3511810	1992110	17.5	25	2	92.5	2.5	28000
35		3.2	808603H	3510905	1992110	17.5	25	2	92.5	2.5	28000
35		4.8	808604H	3510910	1992110	17.5	25	2	92.5	2.5	28000
35		6.35	808605H	3510915	1992110	17.5	25	2	92.5	2.5	28000
35		8	808606H	3510920	1992110	17.5	25	2	92.5	2.5	28000
38		9.5	808607H	3510925	1992110	17.5	25	2	92.5	2.5	28000
35		6.3	808611H	3511205	1992120	17.5	25	2	92.5	2.5	28000
35		8	808612H	3511210	1992120	17.5	25	2	92.5	2.5	28000
35		9.5	808601H	3511215	1992120	17.5	25	2	92.5	2.5	28000
35		4.8	808613H	3514005	1992110	17.5	25	2	92.5	2.5	28000
38		4, 4.5	808615H	3513810	1992110	17.5	25	2	92.5	2.5	28000
35		4	808616H	3511305	1992120	17.5	25	2	92.5	2.5	28000
38		4	808618H	3513510	1992110	17.5	25	2	92.5	2.5	28000
38		4	808619H	3513405	1992120	17.5	25	2	92.5	2.5	28000
35		4.8	808620H	3513905	1992120	17.5	25	2	92.5	2.5	28000
38		4	808622H	3513610	1992110	17.5	25	2	92.5	2.5	28000

1 Body 17 Profiles Scale -1:1



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Joining &
Rebating



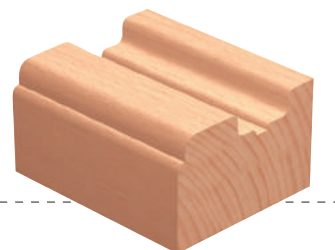
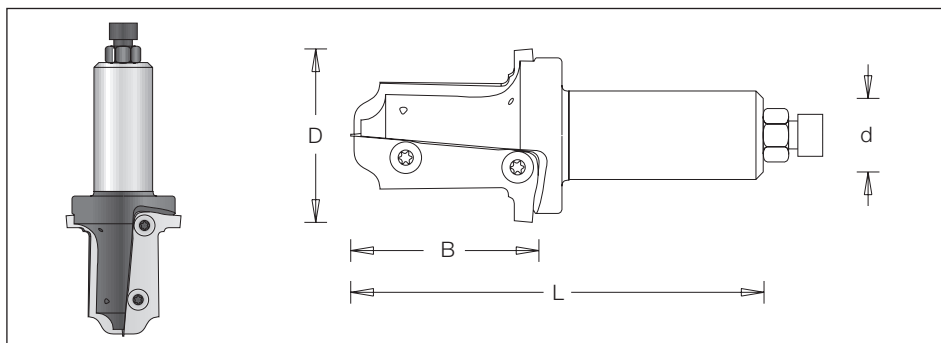
Carving



Clamping
Systems &
Adapters

Multi Purpose Profile Router Cutter

Disposable insert straight router cutter with two cutting flutes. Suitable for profiling and sizing in softwoods, hardwoods and man made board (with or without coating). Tool will be supplied with standard inserts (profile 1 or 2), or can be supplied with special inserts, ground to the customer's own specification. For use on routers and machining centres with CNC control.



øD	B	Code No.	Profile	Z	L	ød	n
50	50	853001H	Customer design	2	120	25	10,000
	50	853011H	1	2	120	25	10,000
	50	853012H	2	2	120	25	10,000

⚠ Also available with 20 mm diameter shank.

Spare parts:



T.C. Blade



Torx screw

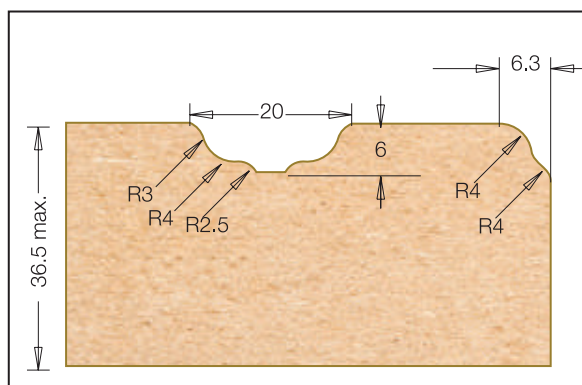
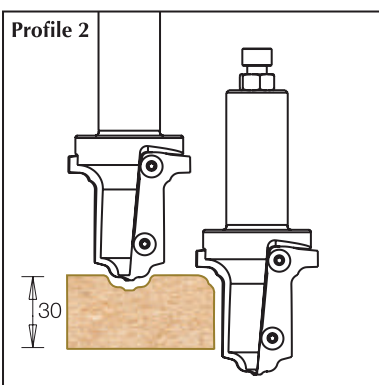
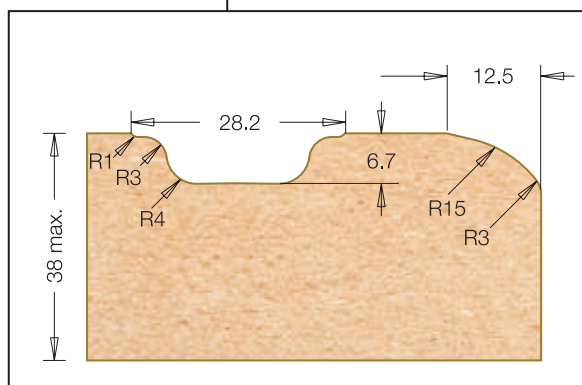
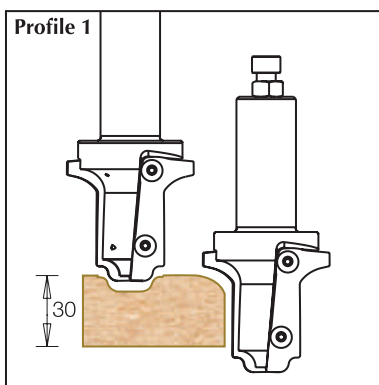
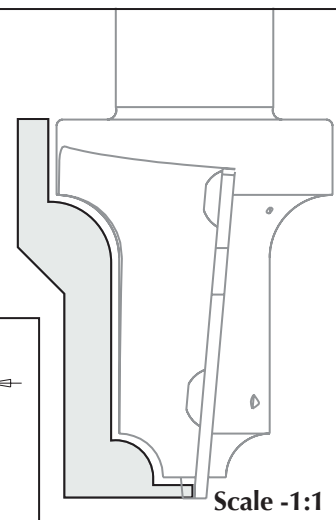


Torx key

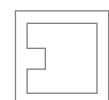
Profile 1 #315 300 1 54x20x2 #193 395 0 M4x6 #194 101 5 T-15

Profile 2 #315 300 2 54x20x2

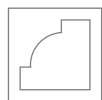
The router bit will be supplied with standard profiles or with knives grinded according to customer specification that fit into the marked area.



Scale -1:1



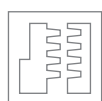
Grooving & Sizing



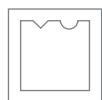
Profiling & Chamfering



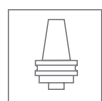
Door Frame & Panel



Joining & Rebating



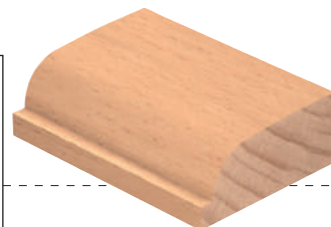
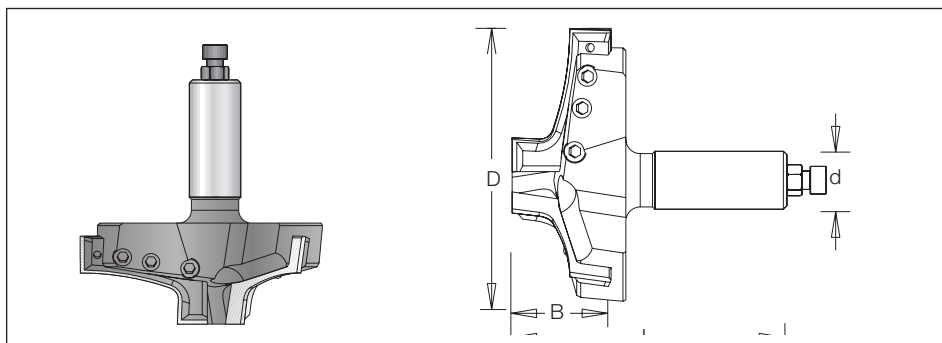
Carving



Clamping Systems & Adapters

Multi Frame Profile Router Cutter

Disposable insert profile router with three disposable Tungsten Carbide knives and back plates. Assembled in 10° Shear angle for best cutting results, suitable for profiling softwood, hardwood and manmade boards. For use on machining center with CNC control.



øD	Code No.	B	Profile No.	Z	L	ød	n
95	8171430	20	1	3	99.5	20	10,000
122	8171330	25	2	3	104	20	10,000
106	8171230	20	3	3	99.5	20	10,000
120	8171130	20	4	3	99.5	20	10,000

⚠ Also available with 25 mm diameter shank.

Spare parts:



T.C. Blade



Wedge

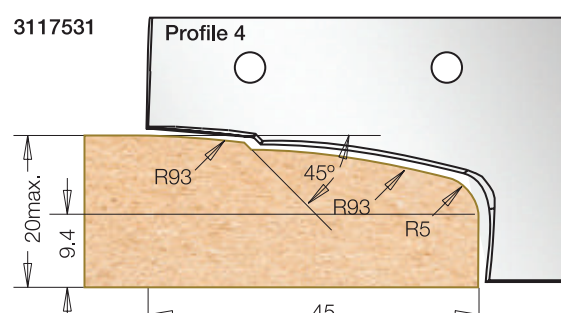
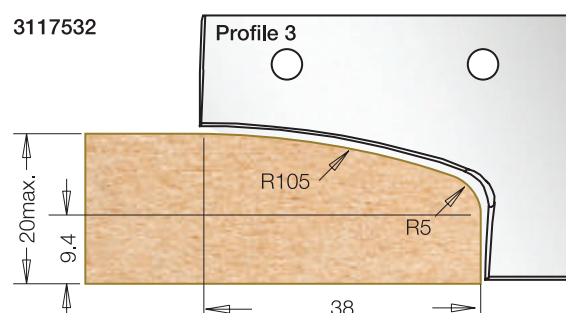
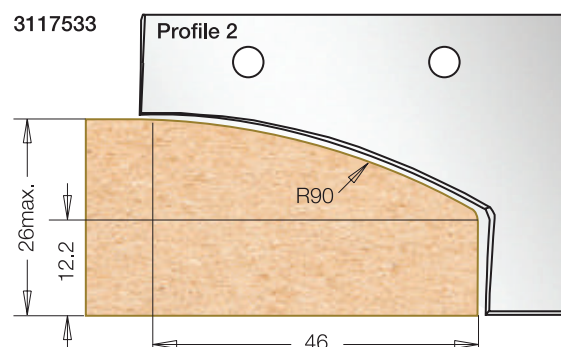
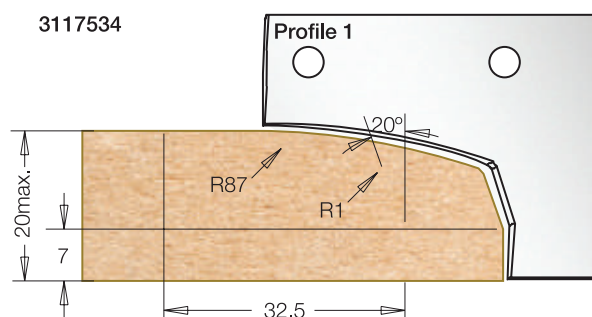
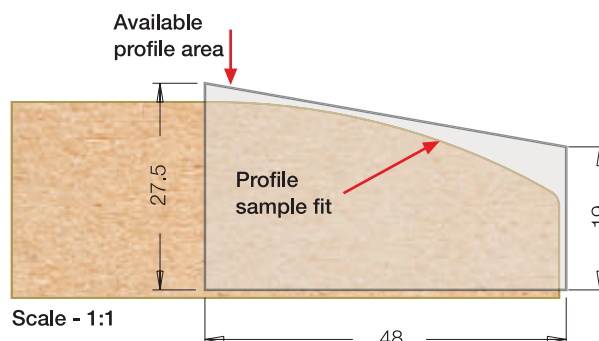


Allen screw
#193 026 6
M8x12



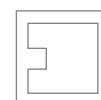
Allen key
#194 003 6
S4

Profile 1	#311 753 4	199 153 4	#193 026 6	#194 003 6
	44x35x2.0	42.5x33x4	M8x12	S4
Profile 2	#311 753 3	199 153 3		
	57.6x40x2.0	56x38x4		
Profile 3	#311 753 2	199 153 2		
	49.6x35x2.0	48x33x4		
Profile 4	#311 753 1	199 153 1		
	56.7x35x2.0	55x33.5x4		

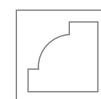


Scale - 1:1

CNC



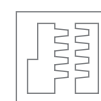
Grooving
& Sizing



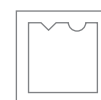
Profiling &
Chamfering



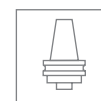
Door Frame
& Panel



Jointing &
Rebating

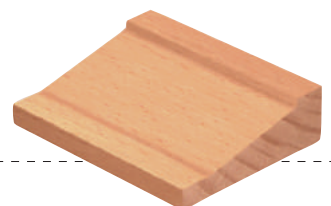
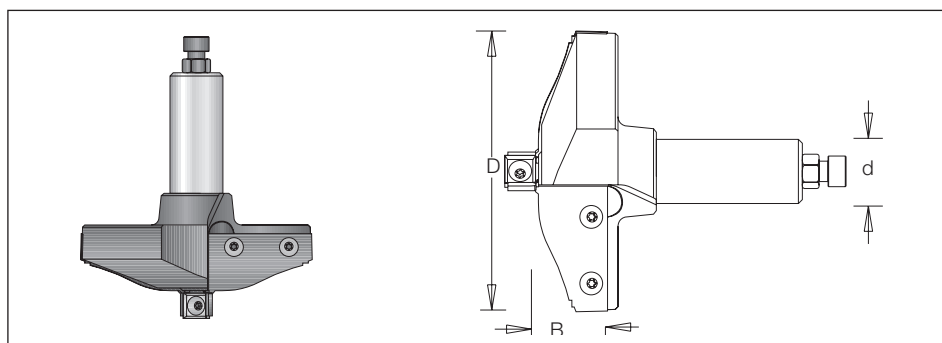


Carving



Clamping
Systems &
Adapters

Multi Profile Raised Panel Router Cutter



øD	Code No. Without Trimmer	Profile No.	Z	L	ød	n
112	822031H	1	2	110	25	8,000
	822032H	2	2	110	25	8,000
	822033H	3	2	110	25	8,000
	822034H	4	2	110	25	8,000
	822035H	5	2	110	25	8,000
	822036H	6	2	110	25	8,000
	822037H	7	2	110	25	8,000
	822038H	8	2	110	25	8,000

⚠ Available with or without trimmer bit "807 301 3"
Also available with 20mm diameter shank.

Spare parts:



T.C. Blade



Torx screw



Allen screw



Allen key



Torx key

profile 1 #352 220 1
50x30.5x2

profile 2 #352 220 2
50x30.5x2

profile 3 #352 220 3
50x30.5x2

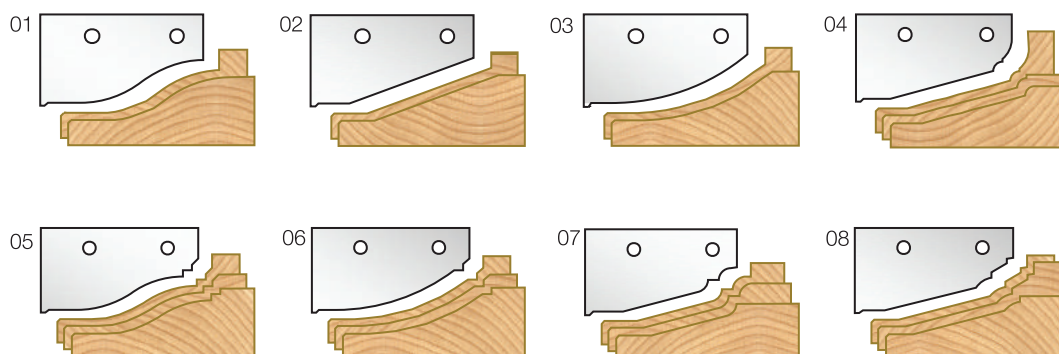
profile 4 #352 220 4
50x30.5x2

profile 5 #352 220 5
50x30.5x2

profile 6 #352 220 6
50x30.5x2

profile 7 #352 220 7
50x30.5x2

profile 8 #352 220 8
50x30.5x2



Trimmer Bit

øD1	Code No	B	L	ød
18	8073015	12	31.8	8

Spare Parts:



T.C. Blade



Torx screw

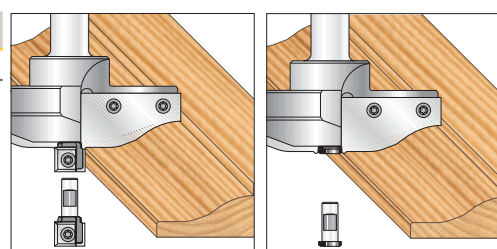


Torx key

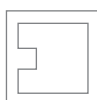
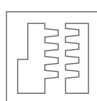
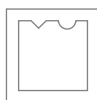
310 121 2
12x12x1.5

193 148 2
M4x5.6

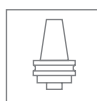
194 101 5
T - 15

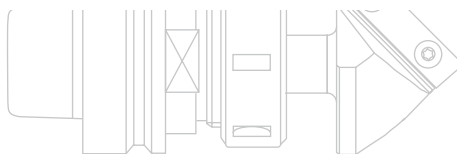


CNC

Grooving
& SizingProfiling &
ChamferingDoor Frame
& PanelJoining &
Rebating

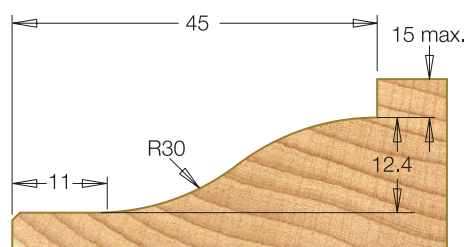
Carving

Clamping
Systems &
Adapters



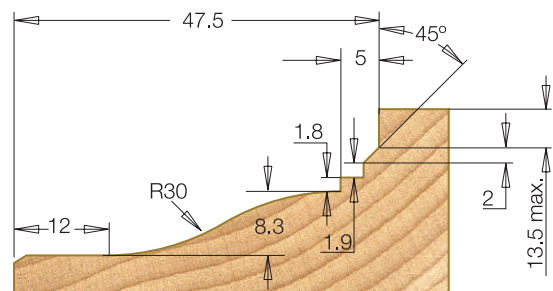
Profile for Raised Panel Router Cutter

Profile 1



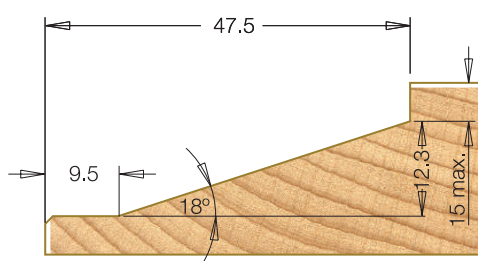
Scale - 1:1

Profile 5



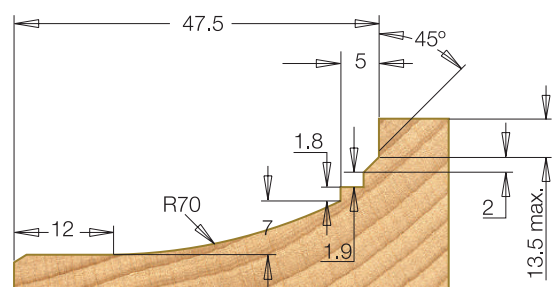
Scale - 1:1

Profile 2



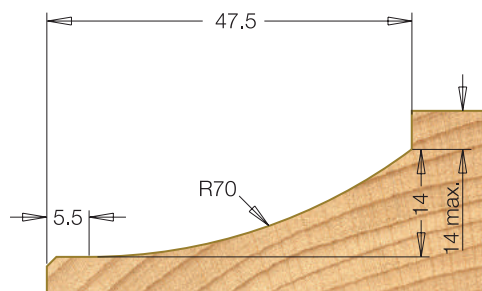
Scale - 1:1

Profile 6



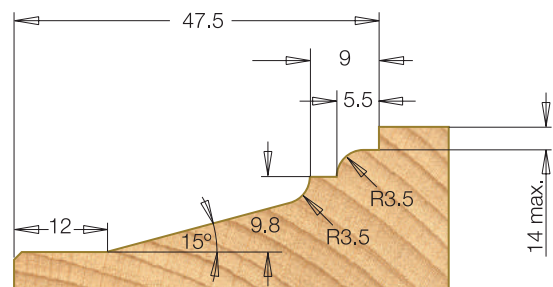
Scale - 1:1

Profile 3



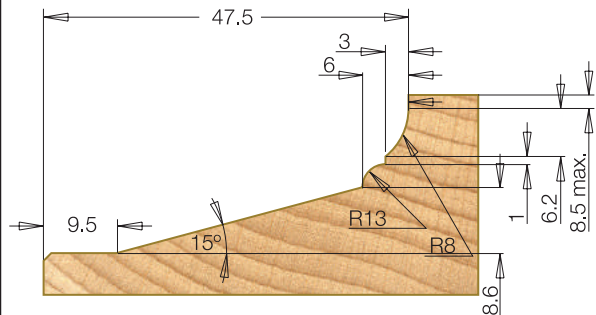
Scale - 1:1

Profile 7



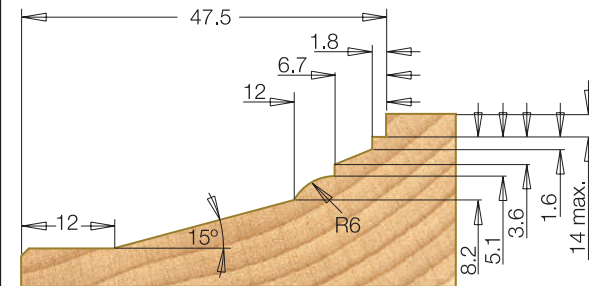
Scale - 1:1

Profile 4



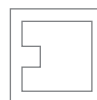
Scale - 1:1

Profile 8

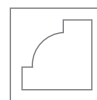


Scale - 1:1

CNC



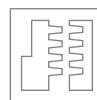
Grooving
& Sizing



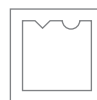
Profiling &
Chamfering



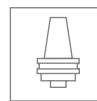
Door Frame
& Panel



Jointing &
Rebating



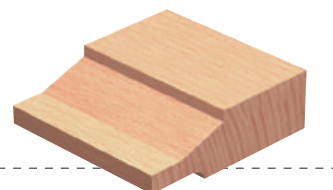
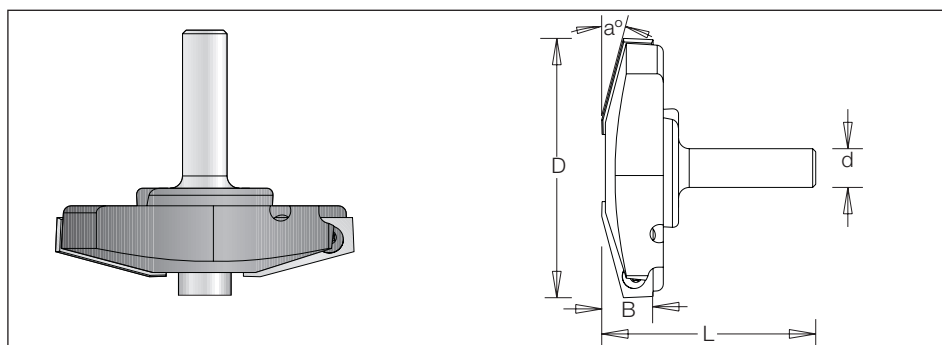
Carving



Clamping
Systems &
Adapters

Raised Panel Angled Cutter

Disposable insert router with two cutting flutes, suitable for light CNC and manual routing applications. Includes an assembled ball bearing seat and an anti-dust plug. Can also be used on a CNC machine with a back cutter.



øD	a°	Code No.	B	Z	L	ød	n
85.8	15°	8223019	20.2	2	71	12	12,000

Spare Parts:



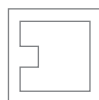
T.C. Blade
312 200 1
31x17x2



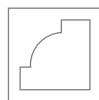
Torx screw
193 148 2
M4x5.6



Torx key
194 101 5
T-15



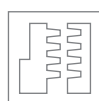
Grooving
& Sizing



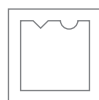
Profiling &
Chamfering



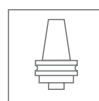
Door Frame
& Panel



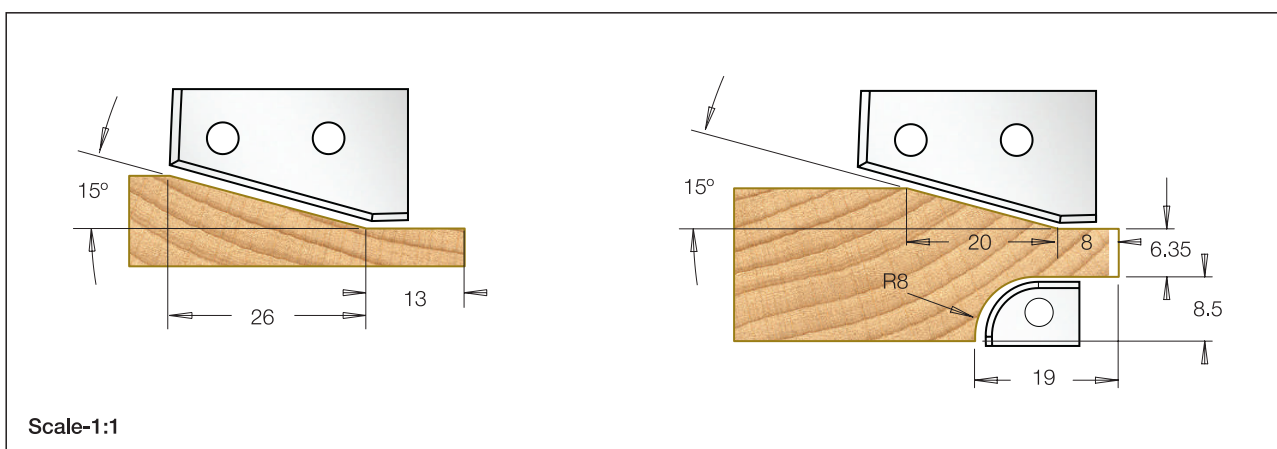
Jointing &
Rebating



Carving



Clamping
Systems &
Adapters



Back Cutter
822 501 0
54X26.7X1/2"



T.C. Blade
312 200 3
13.9x9.5x2xR8



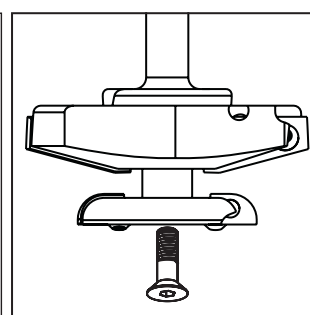
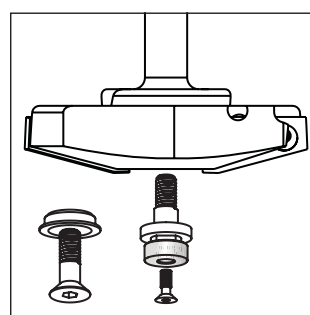
Ball Bearing set
190 870 0
12.7x4.7x5xM6



Torx screw
193 400 0
M3x4

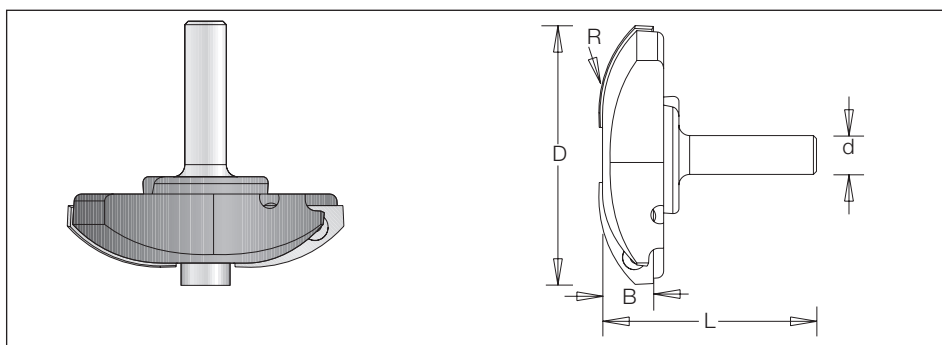


Torx key
194 110 0
T-9



Raised Panel Radius Cutter

Disposable insert router with two cutting flutes, suitable for light CNC and manual routing applications. Includes an assembled ball bearing seat and an anti-dust plug. Can also be used on a CNC machine with a back cutter.



øD	R	Code No.	B	Z	L	ød	n
85.8	40	8223029	21.2	2	72	12	12,000

Spare Parts:



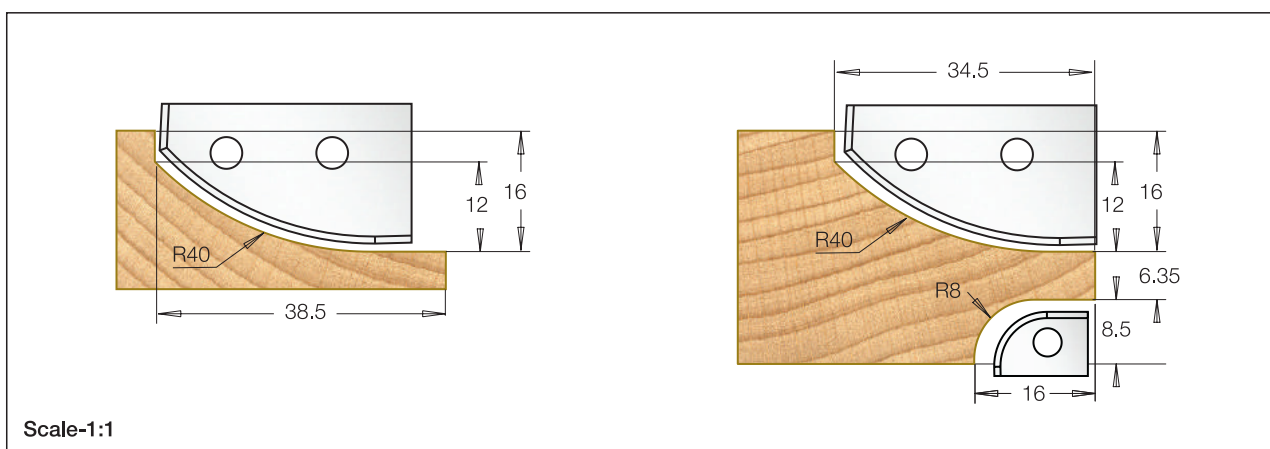
T.C. Blade
312 200 2
33.3x18.5x2



Torx screw
193 148 2
M4x5.6



Torx key
194 101 5
T-15



Back Cutter
822 501 0
54X26.7X1/2"



T.C. Blade
312 200 3
13.9x9.5x3xR8



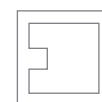
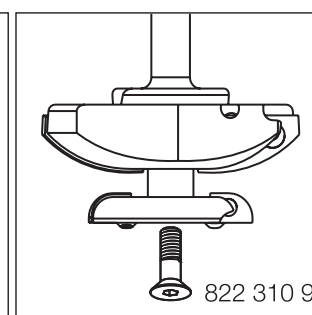
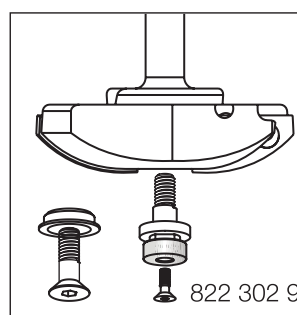
Ball Bearing set
190 870 0
12.7x4.7x5xM6



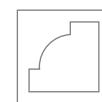
Torx screw
193 400 0
M3x4



Torx key
194 110 0
T-9



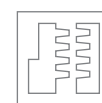
Grooving
& Sizing



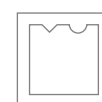
Profiling
& Chamfering



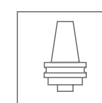
Door Frame
& Panel



Jointing
& Rebating



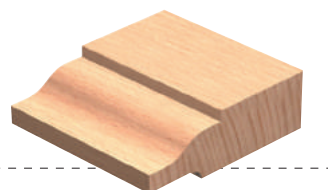
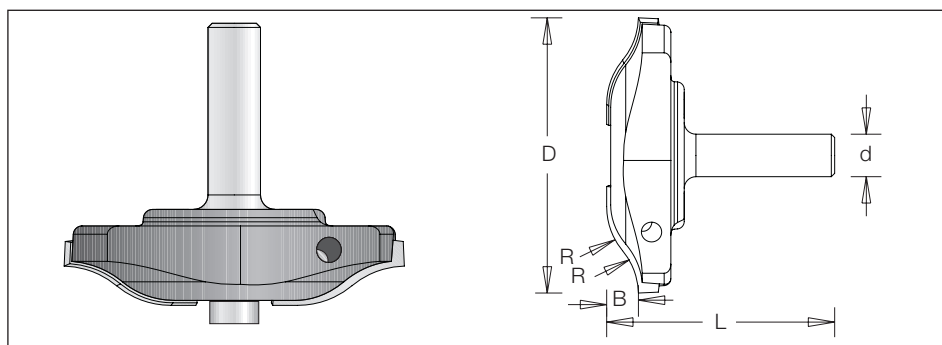
Carving



Clamping
Systems &
Adapters

Raised Panel Double Radius Cutter

Disposable insert router with two cutting flutes, suitable for light CNC and manual routing applications. Includes an assembled ball bearing seat and an anti-dust plug. Can also be used on a CNC machine with a back cutter.



øD	R	Code No.	B	Z	L	ød	n
85.7	22	8223209	19.2	2	69	12	12,000
85.7	22	8223259*	19.2	2	69	12	12,000

Spare Parts:



T.C. Blade
312 200 5
32x20x1.5



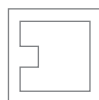
Torx screw
193 395 0
M4x6



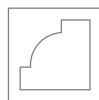
Torx key
194 101 5
T-15



Open Key
3107726
8mm



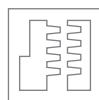
Grooving
& Sizing



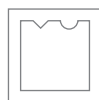
Profiling &
Chamfering



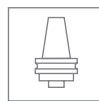
Door Frame
& Panel



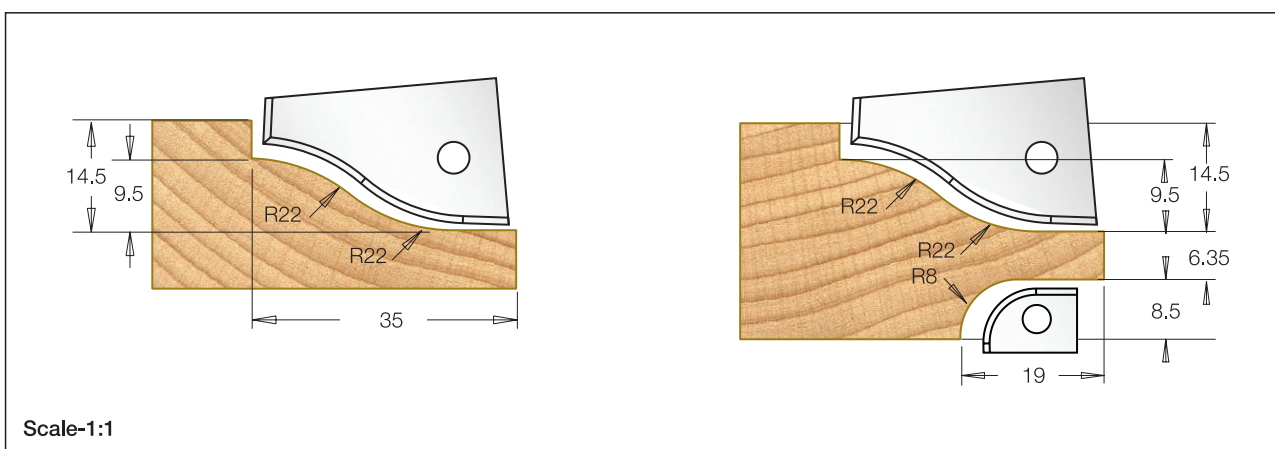
Jointing &
Rebating



Carving



Clamping
Systems &
Adapters



Back Cutter
822 501 0
54X26.7X1/2"
For item no
8223259*



T.C. Blade
312 200 3
13.9x9.5x2
For item no
8223259*



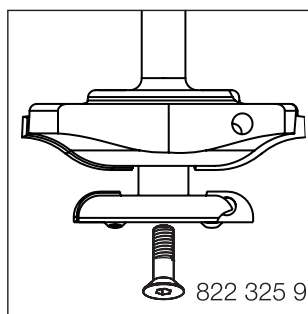
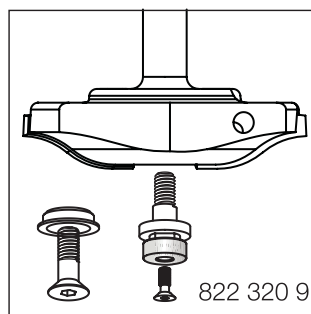
Ball Bearing set
190 870 0
12.7x4.7x5xM6
For item no
8223209



Torx screw
193 400 0
M3x4
For item no
8223259*



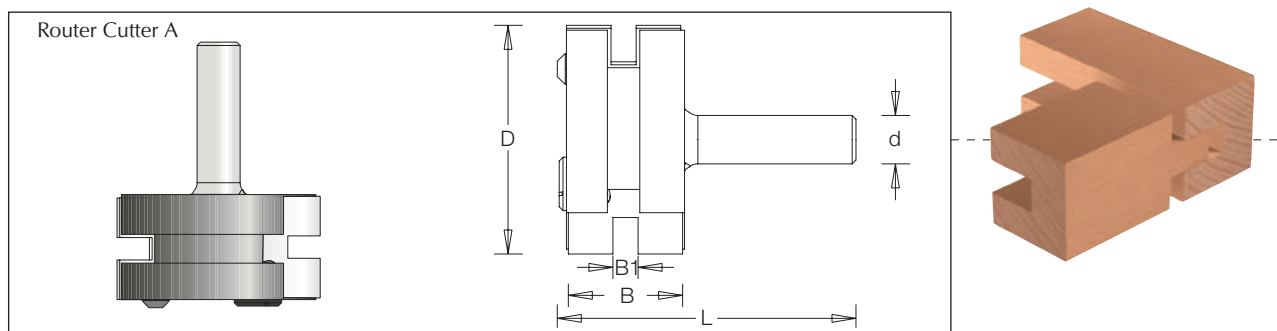
Torx key
194 110 0
T-9
For item no
8223259*



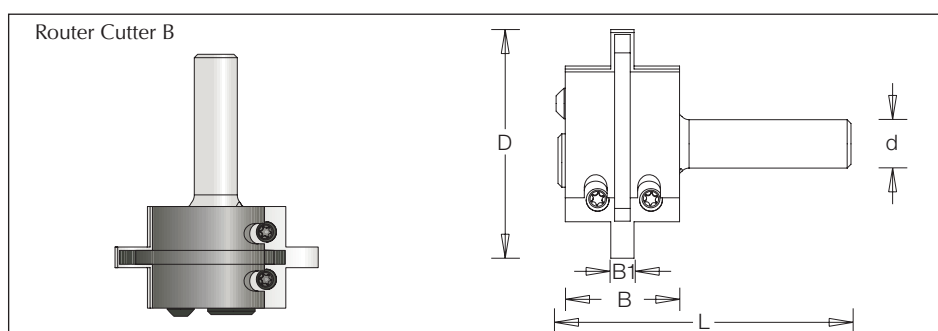
Tongue & Groove Router Cutter Set

Disposable insert router set with two cutting flutes on each router, suitable for light CNC and manual routing applications. Simplify the operation for making tongue & groove frames, includes fine adjusting option for best fitting results. Max wood thickness 30 mm.

	øD	B	B1	Code No.	L	ød	n
Set 1 complet	60.0	30.0	5.4-6.0	8450219	75.0	12	18,000
Set 2 complet	60.0	30.0	6.1-6.6	8451169	75.0	12	18,000



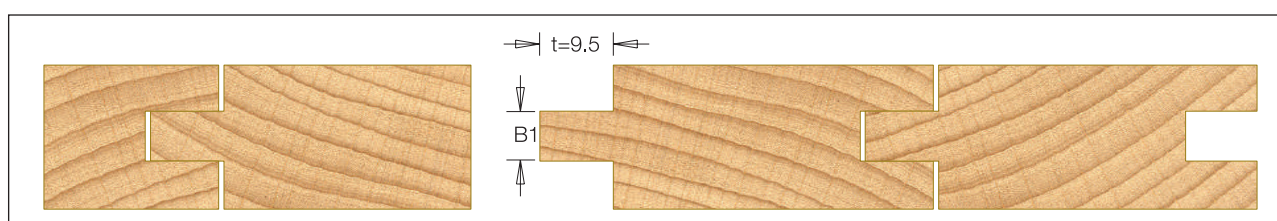
øD	B	B1	Code No.	Z	L	ød	n
60.0	30.0	5.4-6.0	8450199	2	75.0	12	18,000
60.0	30.0	6.1-6.6	8450069	2	75.0	12	18,000



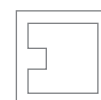
øD	B	B1	Code No.	Z	L	ød	n
60.0	30.0	5.4-6.0	8450209	2	75.0	12	18,000
60.0	30.0	6.0-6.6	8450169	2	75.0	12	18,000

Spare parts:

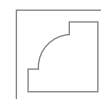
							
	T.C. Blade A	T.C. Blade B	Torx screw	Torx screw	Stopper screw	Allen key	Torx key
B1=6-6.6	#314 500 5 30x22x2	#314 501 5 30x22x2	#193 355 9 3.5x8	#193 148 1 M4x5.6	#193 072 0 M6x12.5	#194 020 0 S2	194 101 5 T - 15
							
	T.C. Blade A	T.C. Blade B					
B1=5.4-6	#314 501 8 30x22x2	#314 501 9 30x22x2					



Scale -1:1



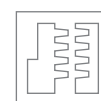
Grooving
& Sizing



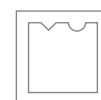
Profiling &
Chamfering



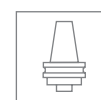
Door Frame
& Panel



Jointing &
Rebating



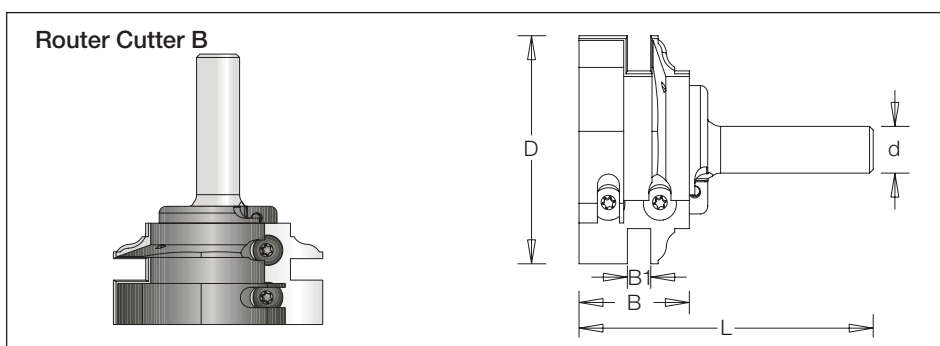
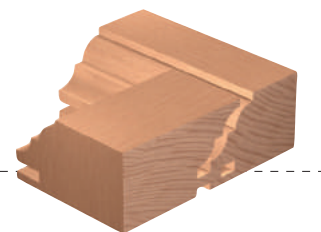
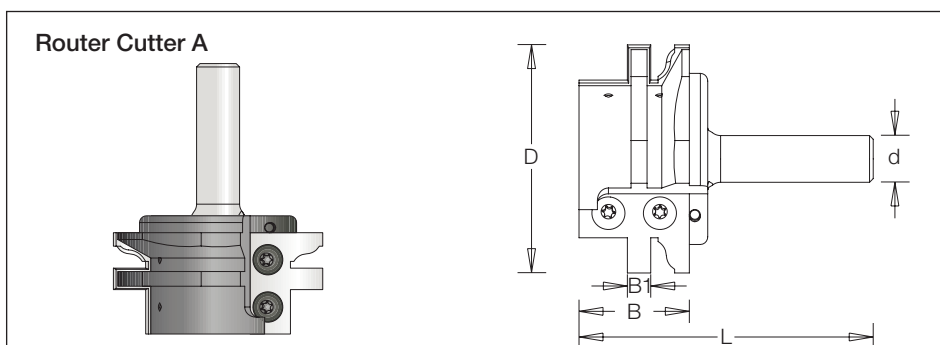
Carving



Clamping
Systems &
Adapters

Tongue & Groove Classic Router Cutter Set

Disposable insert router set with two cutting flutes on each router, suitable for light CNC and manual routing applications. Best fitting results and simplify the operation for making tongue & groove frames, no adjusting is required, Max wood thickness 30 mm.



Set 1

	øD	B	B1	Code No.	Z	L	ød	n
Complete	62	30	6.35	8451149	2+2	75	12	18,000
Router Cutter A	62	30	6.35	8450149	2	75	12	18,000
Router Cutter B	62	30	6.35	8450049	2	75	12	18,000

Spare parts:



T.C. Blade A
#314 501 4
30x23x2



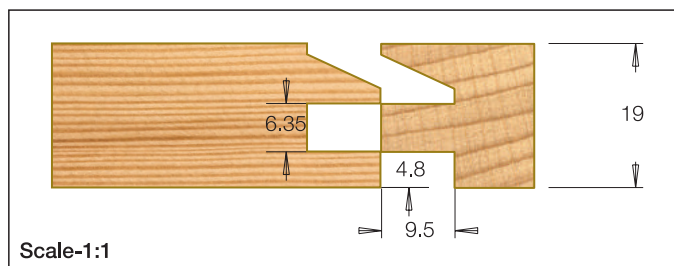
T.C. Blade B
#314 500 4
30x23x2



Torx screw
#193 395 0
M4x6

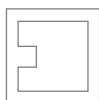


Torx key
194 101 5
T - 15

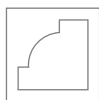


Scale-1:1

CNC



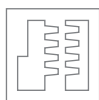
Grooving
& Sizing



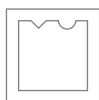
Profiling &
Chamfering



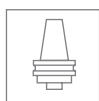
Door Frame
& Panel



Jointing &
Rebating



Carving



Clamping
Systems &
Adapters

Tongue & Groove Classic Router Cutter Set

Set 2

	øD	B	B1	Code No.	L	ød	n
Complete	62.0	30.0	6.35	8451139	75.0	12	18,000
Router Cutter A	62.0	30.0	6.35	8450139	75.0	12	18,000
Router Cutter B	62.0	30.0	6.35	8450039	75.0	12	18,000

Spare parts:



T.C. Blade A

#314 501 3
30x23x2



T.C. Blade B

#314 500 3
30x23x2



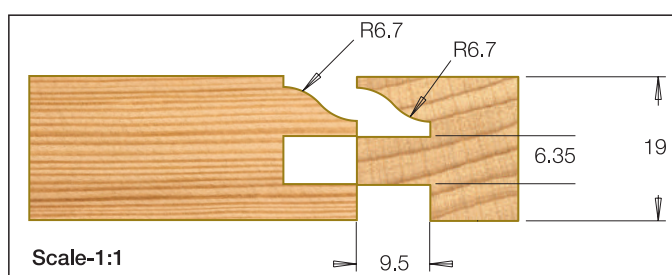
Torx screw

#193 395 0
M4x6



Torx key

194 101 5
T - 15



Set 3

	øD	B	B1	Code No.	L	ød	n
Complete	62.0	30.0	6.35	8451119	75.0	12	18,000
Router Cutter A	62.0	30.0	6.35	8450119	75.0	12	18,000
Router Cutter B	62.0	30.0	6.35	8450019	75.0	12	18,000

Spare parts:



T.C. Blade A

#314 501 1
30x23x2



T.C. Blade B

#314 500 1
30x23x2



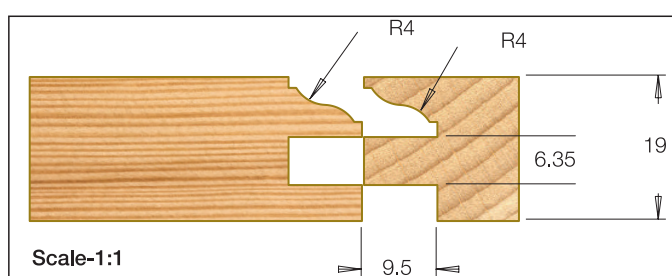
Torx screw

#193 395 0
M4x6



Torx key

194 101 5
T - 15



Set 4

	øD	B	B1	Code No.	L	ød	n
Complete	62.0	30.0	6.35	8451129	75.0	12	18,000
Router Cutter A	62.0	30.0	6.35	8450129	75.0	12	18,000
Router Cutter B	62.0	30.0	6.35	8450029	75.0	12	18,000

Spare parts:



T.C. Blade A

#314 501 2
30x23x2



T.C. Blade B

#314 500 2
30x23x2



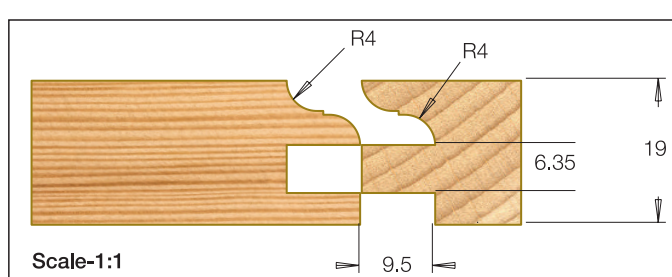
Torx screw

#193 395 0
M4x6

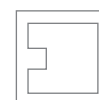


Torx key

194 101 5
T - 15



CNC



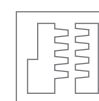
Grooving
& Sizing



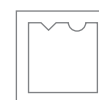
Profiling &
Chamfering



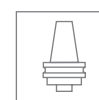
Door Frame
& Panel



Joining &
Rebating



Carving

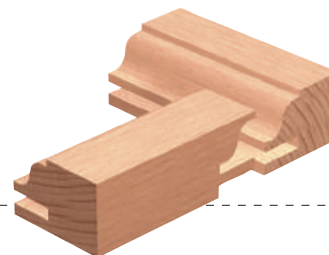
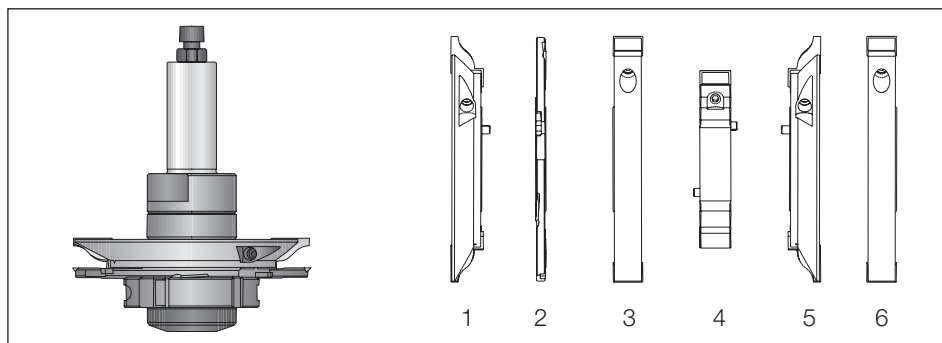


Clamping
Systems &
Adapters

Counter - Profile CNC Router Set

Disposable insert router cutter set complete with a maximum of six different cutters. Suitable for producing various thickness profile / counter profile joints in softwood, hardwood and man-made boards by using combinations of the supplied cutters. For use on routers and machining centres with CNC control. Max wood thickness 34 mm.

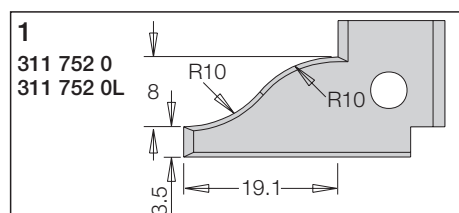
Set No. 3 was made in order to let the user work with both required assemblies at the same time without turning over the wood piece



Set.No.	øD	Code No.	Cutters	B	Wood Sample Type	L	d	n
Set 1	120	842031H	1,2,3,4	20-35	1, 2	135	25	12,000
Set 2	120	842036H	1,2,3,4,5	20-35	1, 2, 3	125	25	12,000
set 3	120	842061H	1,2,3,2*4,5,6	20-35	1,3,4	125	25	12,000

⚠ Also available with HSK or ISO adapters.

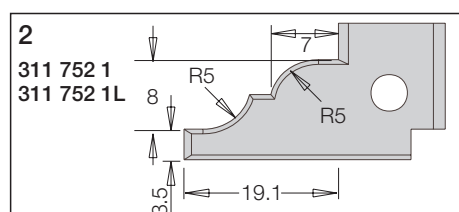
øD	B	Code No.	Cutter No.	Profile	z	ød
120	16.0	8421113	1	1	2	20
120	5.0	8420123	2		4	20
120	15.0	8420133	3		2	20
88	15.0	8420143	4		2	20
120	16.0	8421153	5	1	2	20
120	15.0	8420163	6		2	20



Set.No.	øD	Code No.	Cutters	B	Wood Sample Type	L	d	n
Set 1	120.0	842032H	1,2,3,4	20-35	1, 2	135.0	25.0	12,000
Set 2	120.0	842037H	1,2,3,4,5	20-35	1, 2, 3	125.0	25.0	12,000
set 3	120.0	842062H	1,2,3,2*4,5,6	20-35	1,3,4	125.0	25.0	12,000

⚠ Also available with HSK or ISO adapters.

øD	B	Code No.	Cutter No.	Profile	z	ød
120	16	8422113	1	2	2	20
120	5	8420123	2		4	20
120	15	8420133	3		2	20
88	15	8420143	4		2	20
120	16	8422153	5	2	2	20
120	15	8420163	6		2	20



CNC



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating



Carving

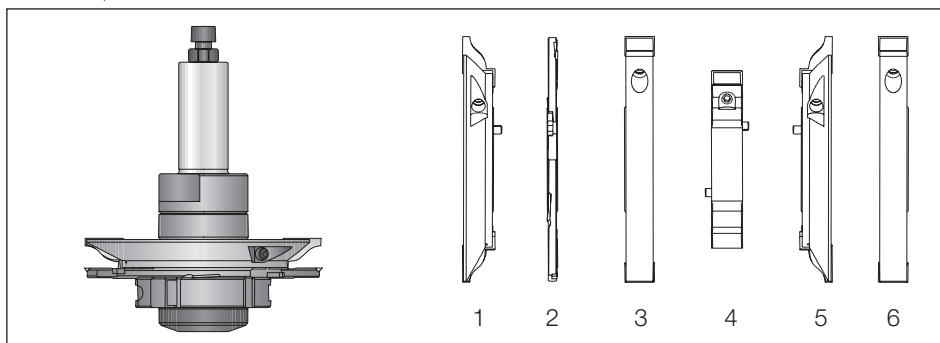


Clamping
Systems &
Adapters

Counter - Profile CNC Router Set

Disposable insert router cutter set complete with a maximum of six different cutters. Suitable for producing various thickness profile / counter profile joints in softwood, hardwood and man-made boards by using combinations of the supplied cutters. For use on routers and machining centres with CNC control. Max wood thickness 34 mm.

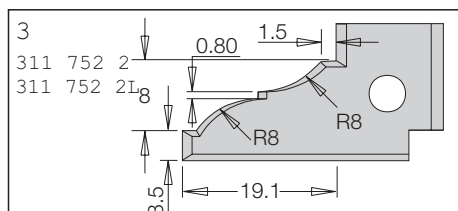
Set No. 3 was made in order to let the user work with both required assemblies at the same time without turning over the wood piece



Set.No.	øD	Code No.	Cutters	B	Wood Sample Type	L	d	n
Set 1	120	842033H	1,2,3,4	20-35	1, 2	135	25	12,000
Set 2	120	842038H	1,2,3,4,5	20-35	1, 2, 3	125	25	12,000
set 3	120	842063H	1,2,3,2*4,5,6	20-35	1,3,4	125	25	12,000

⚠ Also available with HSK or ISO adapters.

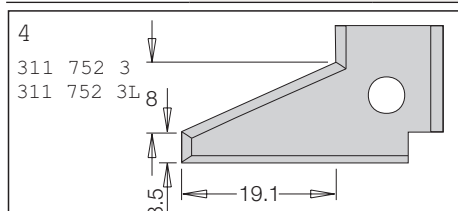
øD	B	Code No.	Cutter No.	Profile	z	ød
120	16	8423113	1	3	2	20
120	5	8420123	2		4	20
120	15	8420133	3		2	20
88	15	8420143	4		2	20
120	16	8423153	5	3	2	20
120	15	8420163	6		2	20



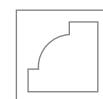
Set.No.	øD	Code No.	Cutters	B	Wood Sample Type	L	d	n
Set 1	120	842034H	1,2,3,4	20-35	1, 2	135	25	12,000
Set 2	120	842039H	1,2,3,4,5	20-35	1, 2, 3	125	25	12,000
set 3	120	842064H	1,2,3,2*4,5,6	20-35	1,3,4	125	25	12,000

⚠ Also available with HSK or ISO adapters.

øD	B	Code No.	Cutter No.	Profile	z	ød
120	16	8424113	1	4	2	20
120	5	8420123	2		4	20
120	15	8420133	3		2	20
88.0	15	8420143	4		2.0	20.0
120.0	16	8424153	5	4	2.0	20.0
120.0	15	8420163	6		2.0	20.0



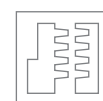
Grooving
& Sizing



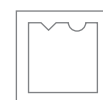
Profiling &
Chamfering



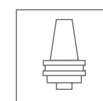
Door Frame
& Panel



Jointing &
Rebating

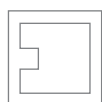
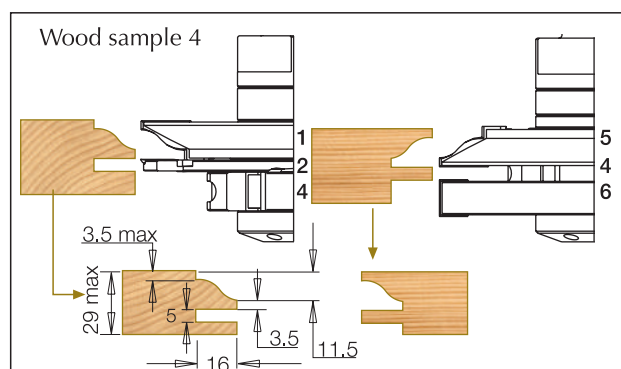
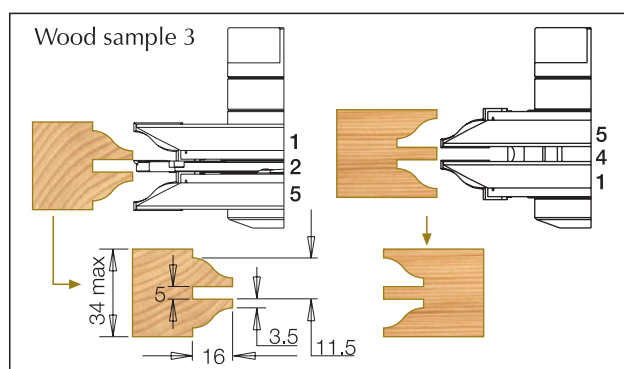
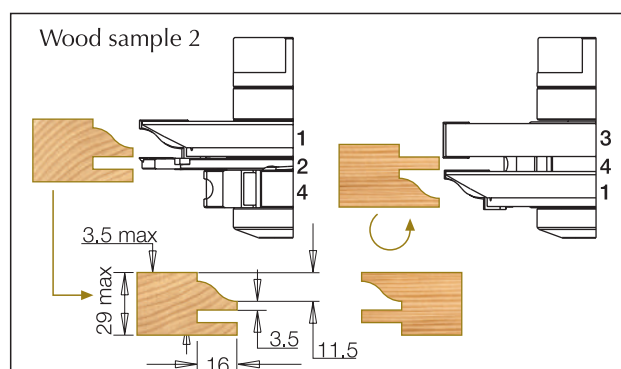
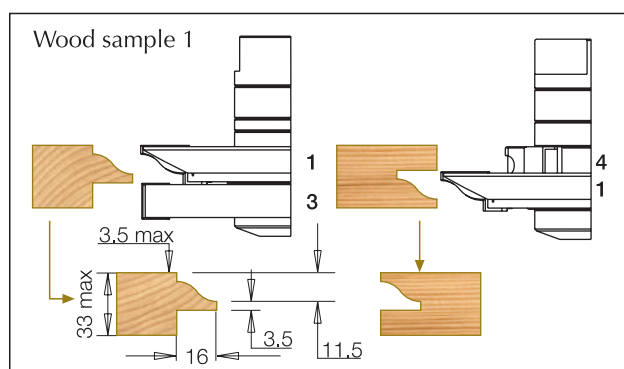


Carving

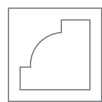


Clamping
Systems &
Adapters

Counter - Profile CNC Router Set



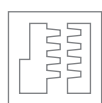
Grooving
& Sizing



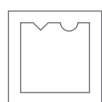
Profiling &
Chamfering



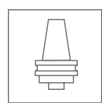
Door Frame
& Panel



Jointing &
Rebating



Carving



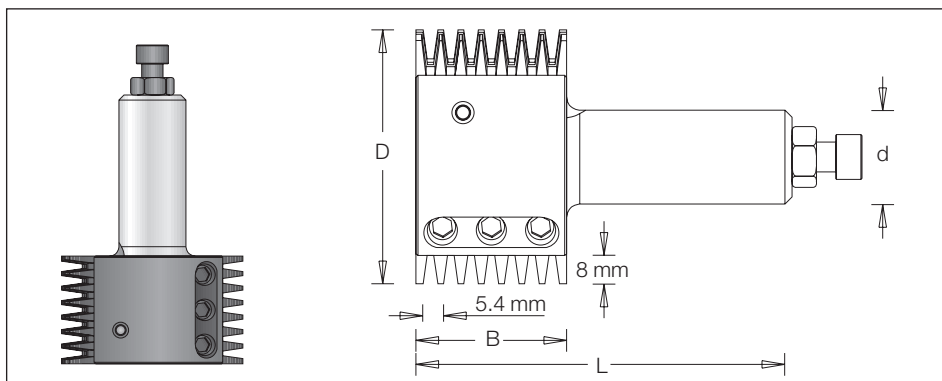
Clamping
Systems &
Adapters

Spare Parts:

	Arbor	Spacer	Spacer	Spacer	Cover	Arbor screw	Stopper screw	Allen key
	#190 820 H	#196 360 0	#196 365 0	#196 370 0	#199 720 3	#193 608 0	#193 042 0	#194 015 0
	L=127	5x45	10x45	13x45	12x45	M5x20	M8x16	S4
Cutter 1								
	T.C. Blade Profile 1	T.C. Blade Profile 2	T.C. Blade Profile 3	T.C. Blade Profile 4	Wedge	Allen screw	Torx screw	Allen key
	#311 752 0	#311 752 1	#311 752 2	#311 752 3	#199 032 6	#193 026 5	#193 148 2	#1940035
	15.7x30x2	15.7x30x2	15.7x30x2	15.7x30x2	L=14	M6x16	M8x5.6	S3
Cutter 2								
	T.C. Blade	T.C. Blade	T.C. Blade nut	T.C. Blade nut	Torx screw	Torx key		
	#300 850 4	#300 850 2	#192 360 0	#192 350 0	#193 030 0	#194 110 0		
	18x18x2.5	14x14x1.2	M4*0.5D=9.9	M4*0.5D=11.9	M4x4	T9		
Cutter 3,6*								
	T.C. Blade	Wedge	Allen screw	Allen key	gauge*			
	#311 451 2	#199 038 5	#193 026 5	#194 003 5	#7601065			
	14.3x12x1.5	L=13.5	M6x16	S3	0.25			
Cutter 4								
	T.C. Blade	Wedge	Allen screw	Allen key				
	#300 052 7	#199 038 5	#193 026 5	#194 003 5				
	15x12x1.5	L=13.5	M6x16	S3				
Cutter 5								
	T.C. Blade	T.C. Blade	T.C. Blade	T.C. Blade	Wedge	Allen screw	Torx screw	Allen key
	#311 752 0 L	#311 752 1 L	#311 752 2 L	#311 752 3 L	#199 032 6	#193 026 5	#193 148 2	#1940035
	15.7x30x2	15.7x30x2	15.7x30x2	15.7x30x2	L=14	M6x16	M4x5.6	S3

Finger Joint Router Cutter

Disposable insert finger jointing router cutter complete with two cutting flutes. Suitable for producing finger joints in softwoods, hardwoods and man-made boards. For use on routers and machining centres with CNC control.

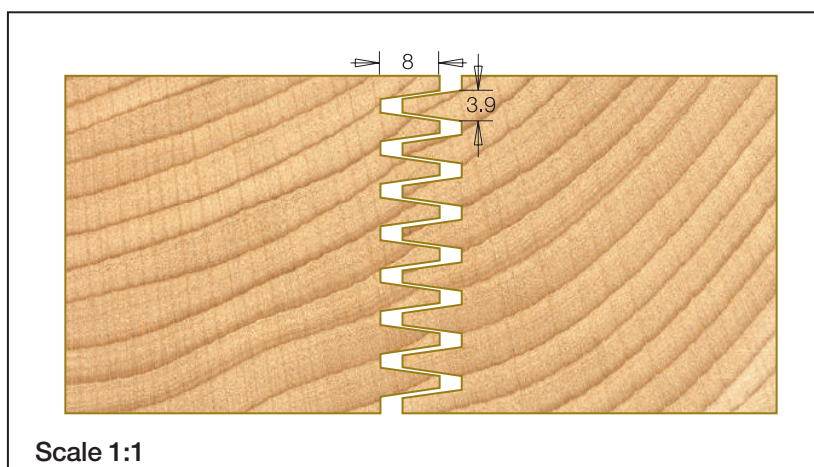


øD	Code No.	B	Z	L	ød	n
70	8560110	40	2	100	25	12,000

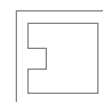
⚠ Also available with 20 mm diameter shank.

Spare Parts:

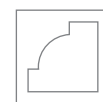
T.C. Blade	Supporting plate	Allen screw	Wedge	Allen key
315 650 2	199 110 1	193 040 0	199 022 0	194 015 0
40x28x1.5	40x22.5x4	M8x10	40x13.5x8	S-4



CNC



Grooving
& Sizing



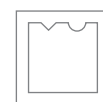
Profiling &
Chamfering



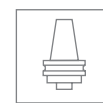
Door Frame
& Panel



Jointing &
Rebating

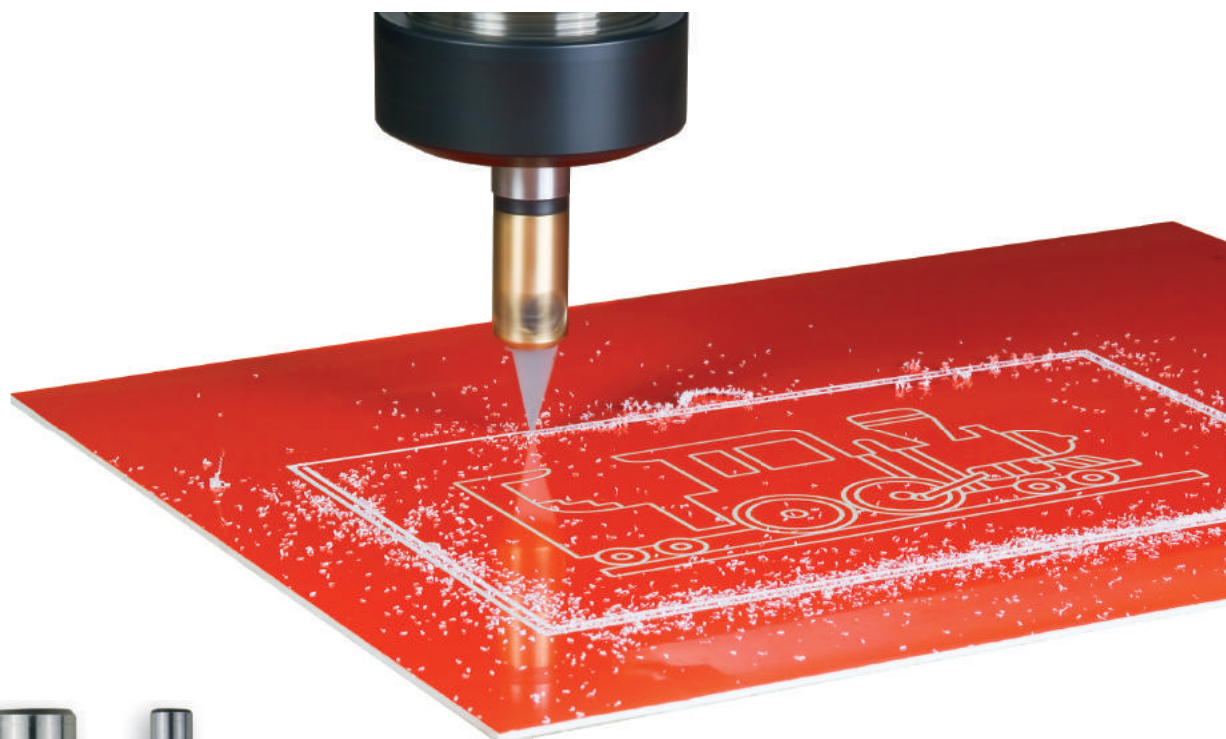


Carving



Clamping
Systems &
Adapters

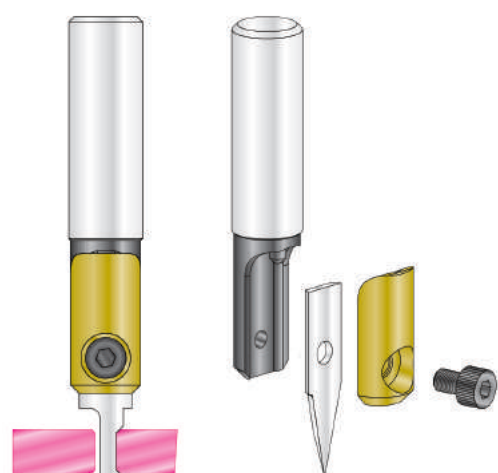
Engraving System



The versatile Engraving Insert System features one tool body with 40 unique insert knives of the highest industrial quality, to ensure cleaner cuts and longer life than most other standard solid router bits.

Designed for a wide variety of applications including straight cut, core box, round corner, V-grooves and cutting & chamfering. Ideal for cutting laminated materials, veneers, MDF, plastics, wood and solid surfaces.

The system was specially engineered to enable a quick, easy exchange of inserts while mounted in CNC machines; eliminating setup-time while maintaining consistent cutting accuracy. The balanced design minimizes vibration resulting in superior cutting.



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



Jointing &
Rebating

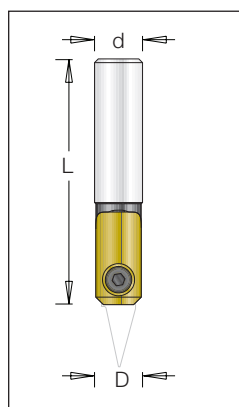


Carving



Clamping
Systems &
Adapters

Engraving System



Code No.	D	L	ød
G1853x05*	12	65	8
G1853x09*	12	65	12

Also available with 1/4 & 1/2 diameter shank.

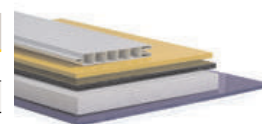
*Body only.



Allen screw
#193 807 0
M4x6



Allen key
#194 003 0
S3



V-Groove 30°
Engraving
Insert Knives

Code No.	D
* 3185005	0.12
* 3185006	0.24
3185007	0.5
3185008	0.75
3185009	1.0
3185010	1.5
3185011	2.25

V-Groove 60°
Engraving
Insert Knives

Code No.	D
* 3185018	0.12
* 3185019	0.25
3185020	0.5
3185021	0.75
3185022	1.0
3185023	1.5
3185024	2.25

V-Groove 90°
Engraving
Insert Knives

Code No.	D
3185014	0.12
3185015	0.24
3185016	0.5
3185017	1

Straight
Engraving
Insert Knives

Code No.	D	B
3185032	3.2	5
3185033	4.76	6
3185034	6.35	7
3185035	7.94	8

*Only for use with controllable feed rate machines.

Core box
Engraving
Insert Knives

Code No.	R	B
3185028	1.6	5
3185029	2.4	6
3185030	3.2	7
3185031	4.0	8

Corner round
Engraving
Insert Knives

Code No.	R	B
3185025	1.6	8
3185026	2.4	8
3185027	3.2	8

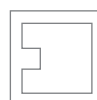
Cutting and chamfering
Engraving
Insert Knives

Code No.	B
3185040	0.5
3185036	1.0
3185002	1.5
3185037	1.8
3185041	2.3
3185042	3.3
3185012	3.6

Code No.	B
3185043	4.3
3185013	4.6
3185003	5
3185044	5.5
* 3185038	6.3
* 3185039	8.3

* Only for Chamfer operation.

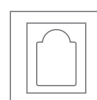
CNC



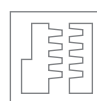
Grooving
& Sizing



Profiling &
Chamfering



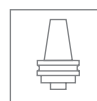
Door Frame
& Panel



Jointing &
Rebating



Carving



Clamping
Systems &
Adapters

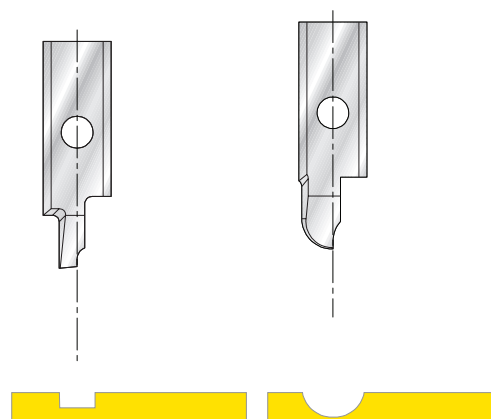
Scale -1:1

Engraving System

Engraving System feed Rates.

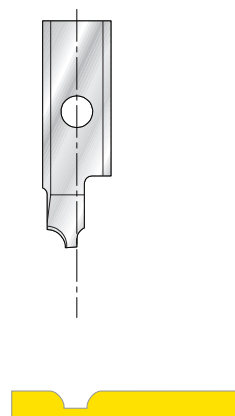
Straigh and Core Box Max. Feed Vars. RPM (Cutting Depth 1D) mm/min

Head Diameter (mm)	3.2	4.76	6.35	7.93
Rotation Speed (RPM)	Recomended Feed Rate (mm/min)			
6000	600	780	900	1080
7000	700	910	1050	1260
8000	800	1040	1200	1440
9000	900	1170	1350	1620
10000	1000	1300	1500	1800
11000	1100	1430	1650	1980
12000	1200	1560	1800	2160
13000	1300	1690	1950	2340
14000	1400	1820	2100	2520
15000	1500	1950	2250	2700
16000	1600	2080	2400	2880
17000	1700	2210	2550	3060
18000	1800	2340	2700	3240
19000	1900	2470	2850	3420
20000	2000	2600	3000	3600
21000	2100	2730	3150	3780
22000	2200	2860	3300	3960
23000	2300	2990	3450	4140
24000	2400	3120	3600	4320
25000	2500	3250	3750	4500
26000	2600	3380	3900	4680
27000	2700	3510	4050	4860
28000	2800	3640	4200	5040

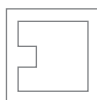
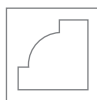
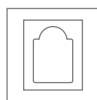
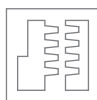


Round Corner Reccomended Feed Vars. RPM mm/min

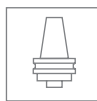
Knife Radius (mm)	1.6	2.4	3.2
Rotation Speed (RPM)	Recomended Feed Rate (mm/min)		
6000	1500	1320	1200
7000	1750	1540	1400
8000	2000	1760	1600
9000	2250	1980	1800
10000	2500	2200	2000
11000	2750	2420	2200
12000	3000	2640	2400
13000	3250	2860	2600
14000	3500	3080	2800
15000	3750	3300	3000
16000	4000	3520	3200
17000	4250	3740	3400
18000	4500	3960	3600
19000	4750	4180	3800
20000	5000	4400	4000
21000	5250	4620	4200
22000	5500	4840	4400
23000	5750	5060	4600
24000	6000	5280	4800
25000	6250	5500	5000
26000	6500	5720	5200
27000	6750	5940	5400
28000	7000	6160	5600

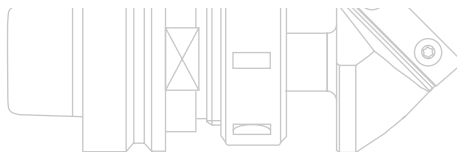


CNC

Grooving
& SizingProfiling &
ChamferingDoor Frame
& PanelJointing &
Rebating

Carving

Clamping
Systems &
Adapters



Engraving System

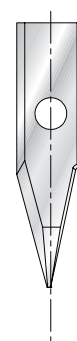
Engraving System Feed Rates.

V- Groove Routing Recommended Max. Feed Vars. RPM (inch/min)

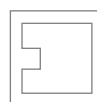
Head Diameter (D) mm	0.1	0.25	0.5	0.75	1	1.5	2.25
Rotation Speed (RPM)	Max. Feed Rate mm/min						
6000	480	1200	2400	3600	NO LIMIT		
7000	560	1400	2800				
8000	640	1600	3200				
9000	720	1800	3600				
10000	800	2000	4000				
11000	880	2200					
12000	960	2400					
13000	1040	2600					
14000	1120	2800					
15000	1200	3000					
16000	1280	3200					
17000	1360	3400					
18000	1440	3600					
19000	1520	3800					
20000	1600						
21000	1680						
22000	1760						
23000							
24000	1920						
25000	2000						
26000	2080						
27000	2160						
28000	2240						

Sizing and Chamfering Recommended Feed Vars. RPM mm/min

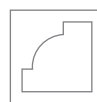
Material Thickness (mm)	2	3	4.6	5.6	6	7.2	8
Rotation Speed (RPM)	Recommended Feed Rate (mm/min)						
6000	1500	1320	1200	1080	1500	1320	1200
7000	1750	1540	1400	1260	1750	1540	1400
8000	2000	1760	1600	1440	2000	1760	1600
9000	2250	1980	1800	1620	2250	1980	1800
10000	2500	2200	2000	1800	2500	2200	2000
11000	2750	2420	2200	1980	2750	2420	2200
12000	3000	2640	2400	2160	3000	2640	2400
13000	3250	2860	2600	2340	3250	2860	2600
14000	3500	3080	2800	2520	3500	3080	2800
15000	3750	3300	3000	2700	3750	3300	3000
16000	4000	3520	3200	2880	4000	3520	3200
17000	4250	3740	3400	3060	4250	3740	3400
18000	4500	3960	3600	3240	4500	3960	3600
19000	4750	4180	3800	3420	4750	4180	3800
20000	5000	4400	4000	3600	5000	4400	4000
21000	5250	4620	4200	3780	5250	4620	4200
22000	5500	4840	4400	3960	5500	4840	4400
23000	5750	5060	4600	4140	5750	5060	4600
24000	6000	5280	4800	4320	6000	5280	4800
25000	6250	5500	5000	4500	6250	5500	5000
26000	6500	5720	5200	4680	6500	5720	5200
27000	6750	5940	5400	4860	6750	5940	5400
28000	7000	6160	5600	5040	7000	6160	5600



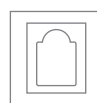
CNC



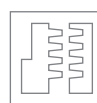
Grooving & Sizing



Profiling & Chamfering



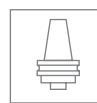
Door Frame & Panel



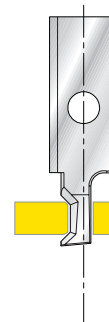
Jointing & Rebating



Carving



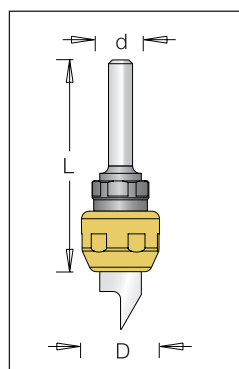
Clamping Systems & Adapters



Mini Engraving 1/8" Shank

NEW

1/8" shank mini engraving system for small CNC machines with seven different knife profiles for curving and engraving. Ideal for cutting veneers, MDF, plastics, wood and solid surfaces.



Code No.	D	L	ød
G1853x3Z*	10.3	28	3.18

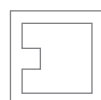
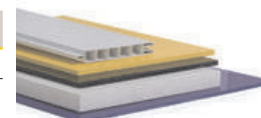
*Body only.



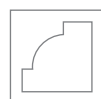
key
#1940011



key
#1940012



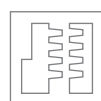
Grooving
& Sizing



Profiling
& Chamfering



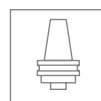
Door Frame
& Panel



Jointing
& Rebating

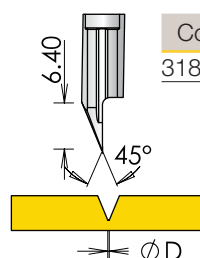


Carving



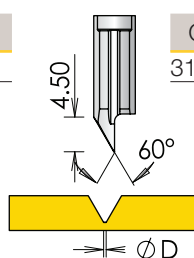
Clamping
Systems &
Adapters

V-Groove 45°
Engraving
Insert Knives



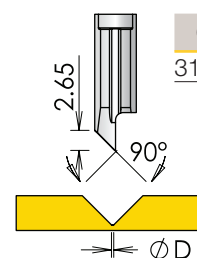
Code No.	D
3185202	0.2

V-Groove 60°
Engraving
Insert Knives



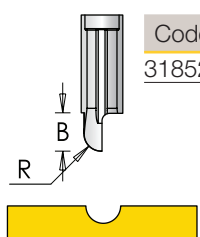
Code No.	D
3185203	0.2

V-Groove 90°
Engraving
Insert Knives



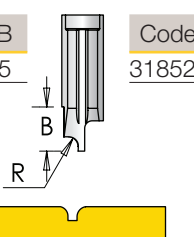
Code No.	D
3185204	0.2

Corer Box
Engraving
Insert Knives



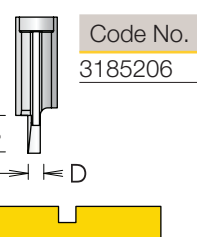
Code No.	R	B
3185200	2.3	5

Corner round
Engraving
Insert Knives



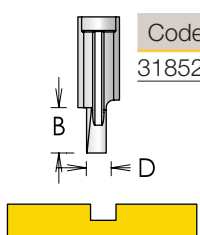
Code No.	R	B
3185201	1.3	6

Straight
Engraving
Insert Knives

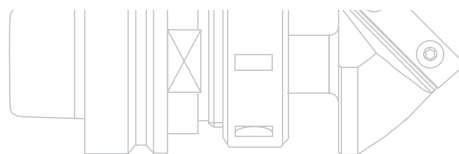


Code No.	D	B
3185206	2.3	5

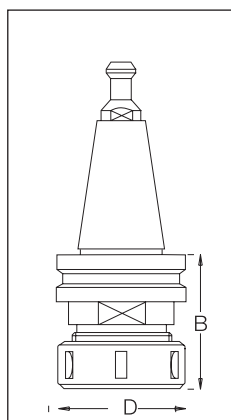
Straight
Engraving
Insert Knives



Code No.	D	B
3185205	3.3	6

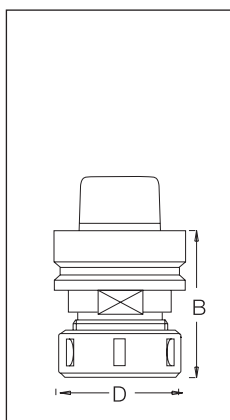


Tool Holder for CNC Machine



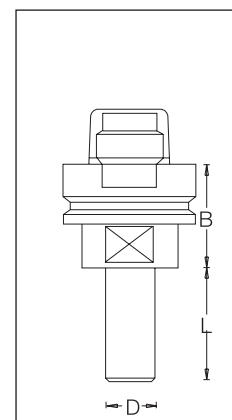
ISO Tool Holder

Code No.	Adapter standard	øD	B	ød
641011	ISO 30	50	42	ER32
641012	ISO 30	63	55	ER40
641021	ISO 40	50	63	ER32
641019	ISO 40	63	73	ER40



HSK Tool Holder

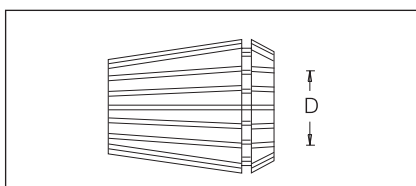
Code No.	Adapter standard	øD	B	ød
641031	HSK63	50	76	ER32
641030	HSK63	63	76	ER40
615100	HSK63	63	115	ER40
615098	HSK63	60	76	462E
615099	HSK63	60	115	462E



HSK Tool Holder with An Arbor

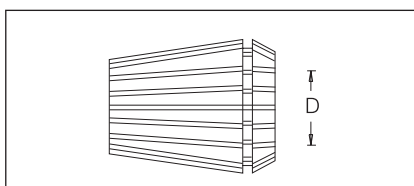
Code No.	Adapter standard	øD	B	L
643001	HSK63	30	33	55
643002	HSK63	30	33	100

Collets for ER32 Nut



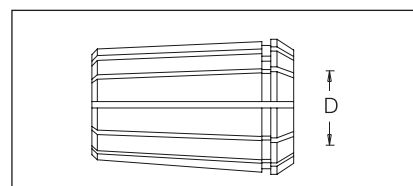
øD	Code No.
2-3	615040
3-4	615041
4-5	615042
5-6	615043
6-7	615044
7-8	615012
8-9	615046
9-10	615010
10-11	615048
11-12	615049
12-13	615009
13-14	615051
14-15	615008
15-16	615053
16-17	615054
17-18	615055
18-19	615056
19-20	615011
Complete set for ER 32 collets	615090

Collets for ER40 Nut



øD	Code No.
3-4	615060
4-5	615061
5-6	615062
6-7	615063
7-8	615064
8-9	615065
9-10	615007
10-11	615031
11-12	615032
12-13	615006
13-14	615070
14-15	615005
15-16	615030
16-17	615073
17-18	615074
18-19	615004
19-20	615003
20-21	615077
21-22	615078
22-23	615079
23-24	615080
24-25	615002
25-26	615001
Complete set for ER40 collets	615091

Collets for 462E Nut

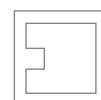


øD	Code No.
4.5-5.0	615105
5.5-6.0	615106
7.5-8.0	615108
9.5-10.0	615109
11.5-12.0	615110
13.5-14.0	615111
15.5-16.0	615115
17.5-18.0	615116
19.5-20.0	615117
24.5-25.0	615118
Complete set for 462E collets	615092

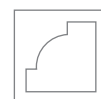


Key	Code. No.
For ER32 nut	631004
For ER40 nut	631003

CNC



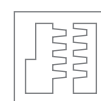
Grooving & Sizing



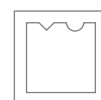
Profiling & Chamfering



Door Frame & Panel



Jointing & Rebating

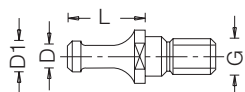


Carving

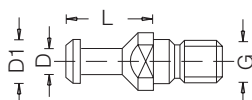


Clamping Systems & Adapters

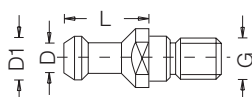
Tool Holder for CNC Machine



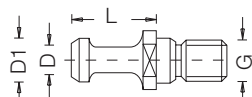
For machines	Adapter	Code No.	øD1	øD	L	G
Morbidelli, SCM	ISO 30	650010	8.5	6.5	22	M10



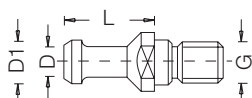
Busellato, Weeke, Bulleri	ISO 30	650011	13	9	24	M12
Cosmec, Reichenbacher	ISO 40	650020	19	14	26	M16



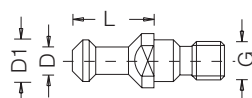
Alberti, Vitap, Masterwood	ISO 30	650013	13	9	24	M12
----------------------------	--------	--------	----	---	----	-----



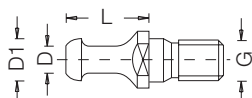
Esseteam	ISO 30	650014	12	8	24	M12
----------	--------	--------	----	---	----	-----



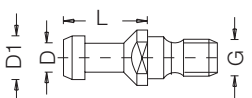
CMS	ISO 30	650015	12.8	9	24	M12
-----	--------	--------	------	---	----	-----



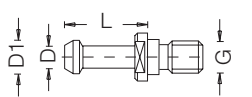
Belotti	ISO 30	650016	13	9	23	M12
---------	--------	--------	----	---	----	-----



Biesse	ISO 30	650017	12	8	24	M12
--------	--------	--------	----	---	----	-----



Biesse Masterwood	ISO 30	650018	13	9	24	M12
-------------------	--------	--------	----	---	----	-----



Shoda (BT30-BT40), Heian (BT35)	BT 30	650031	11	7	23	M12
	BT 35	650040	13	8.5	28	M12
	BT 40	650050	15	10	35	M16

CNC



Grooving
& Sizing



Profiling &
Chamfering



Door Frame
& Panel



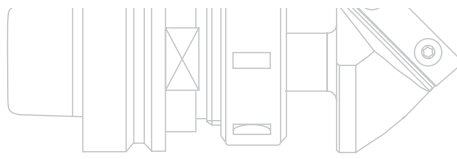
Jointing &
Rebating



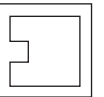
Carving



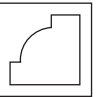
Clamping
Systems &
Adapters



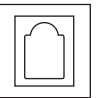
CNC



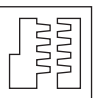
Grooving
& Sizing



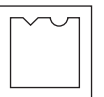
Profiling &
Chamfering



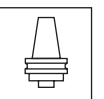
Door Frame
& Panel



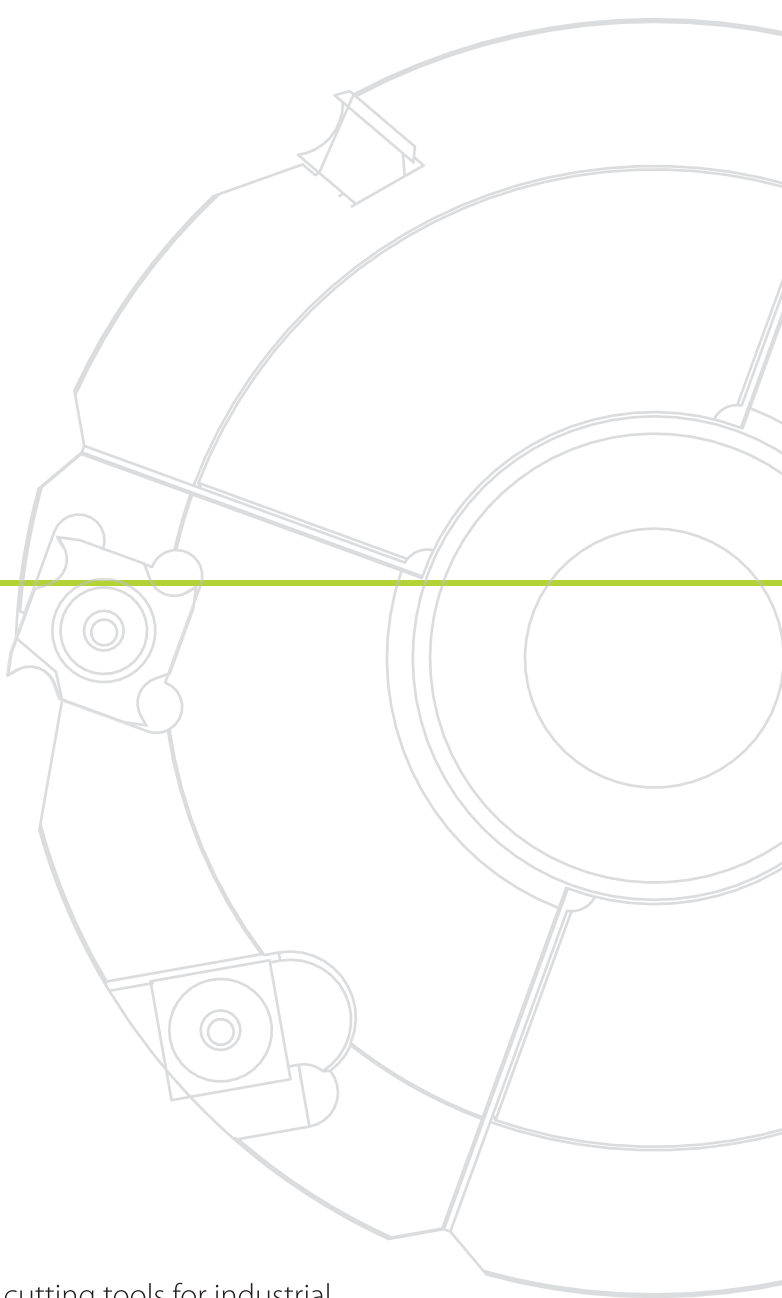
Jointing &
Rebating



Carving



Clamping
Systems &
Adapters



Cutters

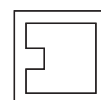
A comprehensive range of standard and custom shaper cutting tools for industrial and professional use.

- Cutters with replaceable knife system for industrial applications
 - Diversified range of brazed cutters, specially designed for high precision
 - Multi-profile system with over 200 knife profile variations
 - Polycrystalline Diamond (PCD) tool technology, for ultra-hard-wearing, long-life cutting
-  quality and reliability in man-made boards, composite materials, non-ferrous metals and plastics.

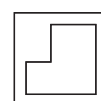
quality and reliability in man-made boards, composite materials, non-ferrous metals and plastics.

Cutters INDEX

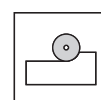
Illustrated Visual Index	122 - 123
Technical Information	124 - 127
 Diamond (PCD) Tool NEW	128 - 130
Grooving	131 - 138
Rebating	139 - 140
Planing Heads	141 - 144
Profiling	145 - 157
Jointing	158 - 161
Biscuit Jointer Cutter	160 - 161
Door Frame & Panel	162 - 173
Multi Profile System	174 - 189



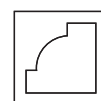
Grooving



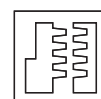
Rebating



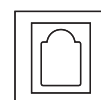
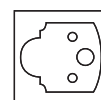
Planing



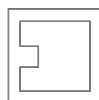
Profiling



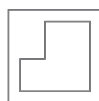
Jointing

Door Frame
& Panel

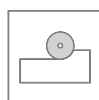
Multi Profile



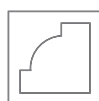
Grooving



Rebating



Planing



Profiling



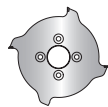
Jointing

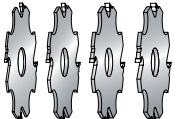
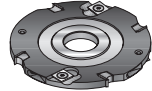
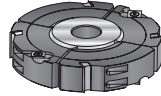


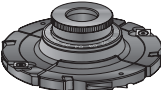
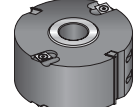
Door Frame
& Panel



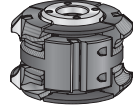
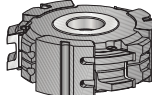
Multi Profile

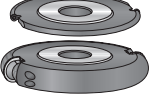
				
NEW	NEW	NEW	NEW	NEW
PCD - Jointing Cutter-heads for Edge Bending Machines	PCD - Straight Trimming Cutters	PCD - Radius Trimming Cutters	PCD - Biscuit Grooving Cutter for Lamello Machines	PCD - Profile Grooving Cutter for Lamello Profile Connectors
128	129	129	130	130

				
Grooving Cutter 3 - 20mm	Adjustable Brazed Grooving Cutter Set 3-18 mm	Grooving Cutter with Scorers 4 - 12mm	Adjustable Brazed Grooving Cutter with Scorers 1.8 - 50mm	Adjustable Grooving and Rebating Cutter with Scorers 4 - 100mm
131	132	133	134	135

				
Adjustable Grooving Cutter with Scorers 4 - 15.5mm	Adjustable Thin Kerf Grooving Cutter 1.5 - 6mm	Adjustable Grooving Cutter with Scorers (with ring nut) 4 - 24mm	Rebating Cutter	Rebating Cutter
136	137	138	139	140

				
Roughing Cutter Planer Head with TC blades	Roughing Cutter Planer Head 14x14x2TC Blades	Disposable Insert Planning Cutter Head	Finish cutter Planer Head with HSS/TC blades	Adjustable Beveling Cutter
141	141	142	143-144	145

				
Adjustable Beveling Cutter	Chamfering Cutter	Adjustable Rounding & Chamfering Cutter Set	Adjustable Rounding & Rebating Cutter	Rounding Over Cutter
146	147	148-149	150	151

				
Convert Profile Cutter	Concave Profile Cutter	Corner Round / Cove Cutter	Multi Round Over Cutter	Custom Made Profile Cutters
152	150	154	155	156

Cutters



Technical Information

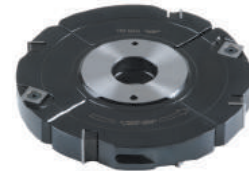
GROOVING AND REBATING

Application: Brazed and replaceable carbide knives Cutters for Grooving and rebating with a fixed or adjustable width for making slots and rebating in all types of wood, for use with mechanical or hand feed according to the EN 847 standard requirements.

Machine: Spindle Molder or Multi spindle

Material: Solid Wood, Boards.

Technical Information: The adjusting in adjustable cutters is done with a set of spacer rings with a minimum step of 0.05 or continuous adjusting by a ring nut. Bore size accuracy H7 a range of dimensions between 1" to 50mm.



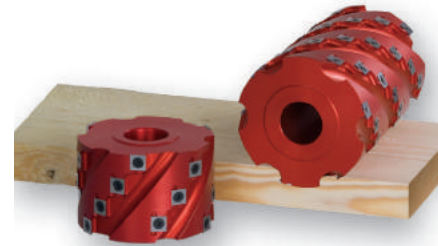
PRE PLANER

Application: Rough Planning.

Machine: Spindle molder and multi spindle molder machines.

Material: Soft and Hard wood.

Technical Information: Six spiral flute, large gullet segmented edge by large number of 2 or 4 sided knives which allow fast feed rate, low noise and energy saving. An additional finish pass will be required for fine surface finish.



FINE PLANER

Application: Fine quality planning.

Machine: Spindle molder and multi spindle machine.

Material: Soft and hard wood.

Technical information: Cutter heads with HW and HSS quality replaceable knives.



The replaceable carbide knives cutter head includes unique design for fast knife replacement, large gullet space and a special HSS chip flow edge on the wedge in order to maintain smooth chip flow. Also a long lasting lifetime for the cutter parts, with a unique quick clamping system. The finish planning heads can be used with either four planning knives or with two knives and an additional attachment for rounding /chamfering corners.

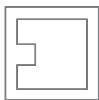
PROFILE CUTTERS AND SETS

Application: Brazed and replaceable carbide knives Cutters for Profiling and Joining in all types of wood, for use with mechanical or hand feed according to the EN 847 standard requirements.

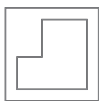
Machine: Spindle molder.

Material: Solid wood and boards.

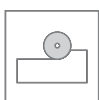
Technical information: Cutter body made from Alloy steel for heavy use or Aluminum for light machines



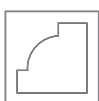
Grooving



Rebating



Planing



Profiling



Jointing



Door Frame
& Panel



Multi Profile

Technical Information

Determination of Number of Teeth (Chart 1)

For your convenience we have drawn up some charts in order to assist you in better defining your tool.

The table below indicates the required number of teeth, (Z), for a cutterhead according to:

- Rotation speed, n (min⁻¹)
- Feed rate, s (m.min⁻¹)
- Tooth progress, f_z (mm) in each rotation

suggested values for f_z^* :

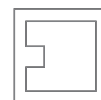
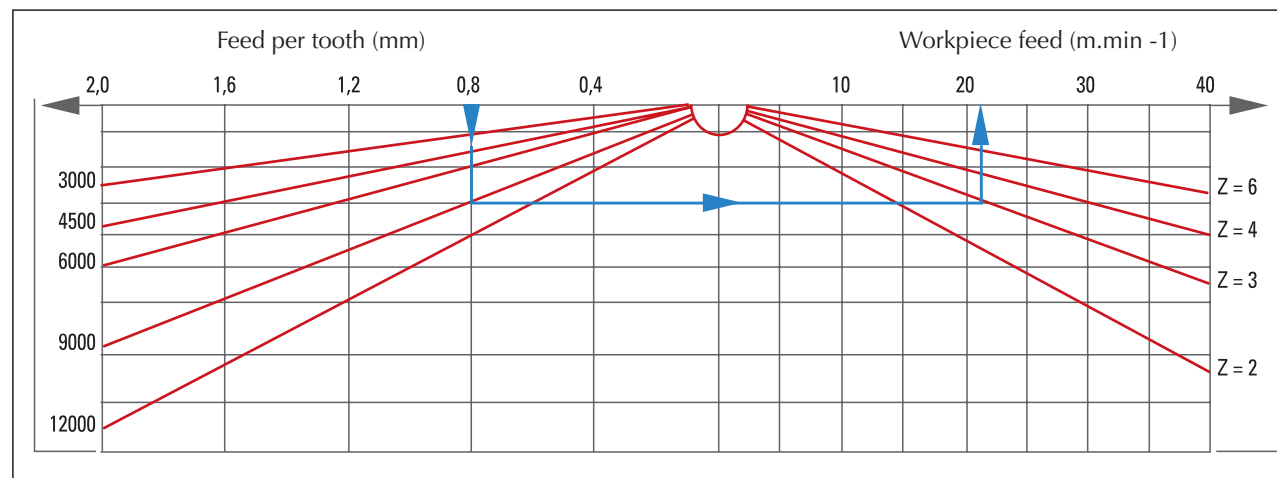
- 0.3 to 0.8 mm fine
- 0.8 to 2.5 mm smooth
- 2.5 to 5.0 mm coarse

* The best finish is obtained when a tooth progress of between 0.3 and 0.8 mm is achieved.

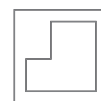
Example:

- $f_z = 0.8$ required
- Rotation speed, $n = 3500$ min⁻¹
- Feed rate, $s = 20$ m.min⁻¹
- Number of teeth, $Z = ?$
- From the table we obtain $Z = 3$

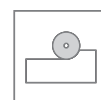
(Chart 1)



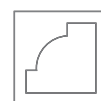
Grooving



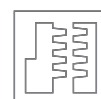
Rebating



Planing



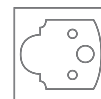
Profiling



Jointing



Door Frame & Panel



Multi Profile

Determination of linear Cutting Speed (Vc) (Chart 2):

- The linear cutting speed (Vc) can be calculated when the diameter of the tool and rotational speed are known.
- The maximum permitted rotational speed, „n max.“, of each tool is etched on the tool body.
- This is not the optimum speed, but the maximum safe operating speed which must not be exceeded.
- As a rule, the optimum speed is 20% – 30% below the maximum speed.

$$n \text{ (r.p.m.)} = \frac{1000 \cdot 60 \cdot V_c}{\pi \cdot D}$$

$$V_c = \frac{\pi \cdot D \cdot n}{60,000}$$

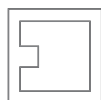
$V_c = \text{Speed } \frac{\text{M}}{\text{sec}}$
 $D = \text{Diameter mm}$
 $n = \text{Spindle R. P. M.}$

Example:

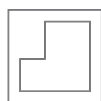
- D = 140 mm
- r.p.m. = 8000 min⁻¹
- v_c = ?
- From the table we obtain v_c = 58,6 m · sek⁻¹
- In relation to tool diameter, D, the optimum rotational speed can be obtained from the table

Example:

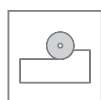
- Cutter diameter D = 140 mm optimum rotational speed range n = 5500 – 9000 min⁻¹



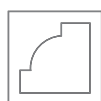
Grooving



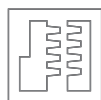
Rebating



Planing



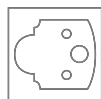
Profiling



Jointing

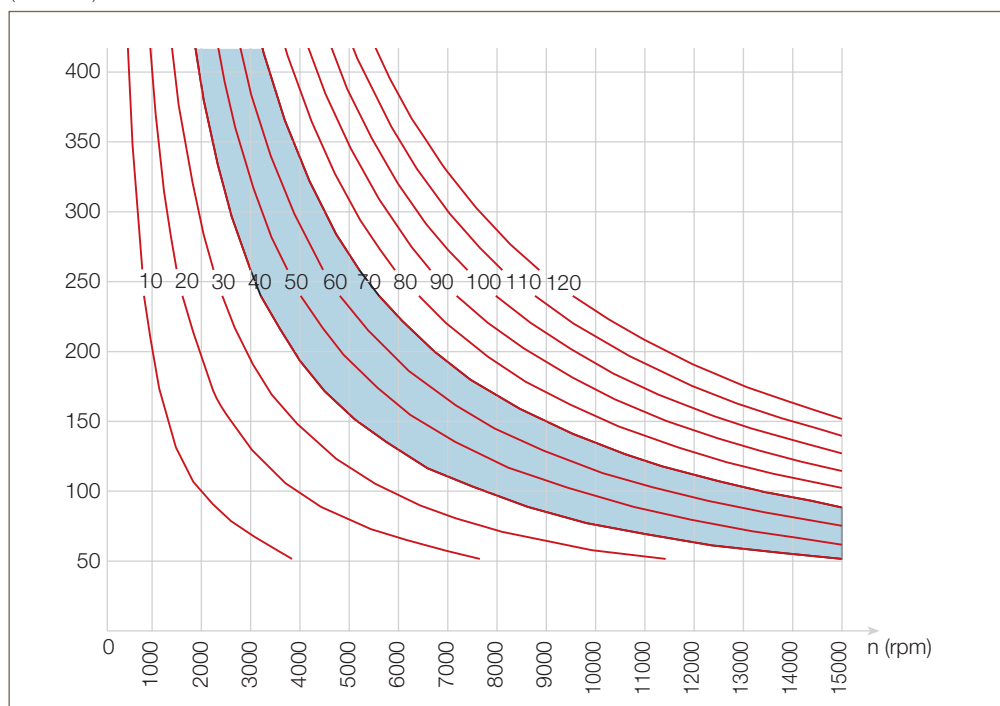


Door Frame & Panel



Multi Profile

(Chart 2)

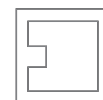
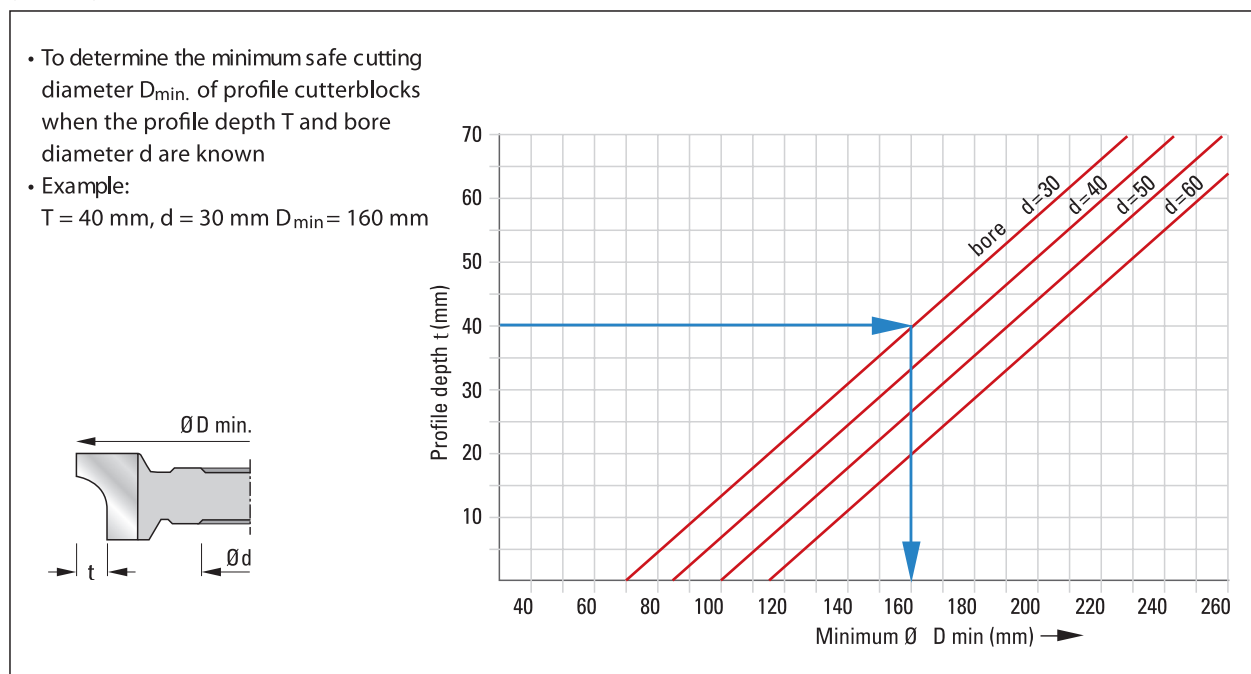


Minimum Diameter (Chart 3)

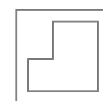
The table below explains the relation between the profile cutting depth and the minimum tool diameter. In tools with replaceable tips the final diameter might be bigger.

- The minimum safe cutting diameter of the tool is determined within the meaning of VBG 7 (Federal German Industrial Law), and can be calculated from the following tables. No consideration is taken of the number of knives, feed rate or cutting speed

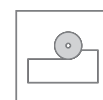
(Chart 3)



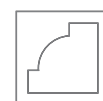
Grooving



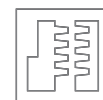
Rebating



Planing



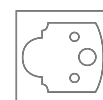
Profiling



Jointing



Door Frame
& Panel



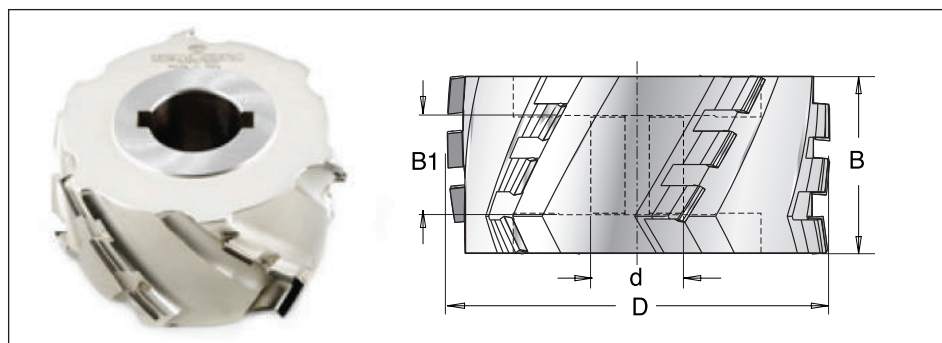
Multi Profile

PCD - Jointing Cutterheads for Edge Bending Machines

NEW

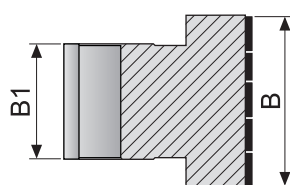
Properties: Anti-chipping cutter heads. Jointing cutter for edge banding machines or for squaring machines. Fits most common machines in the market. Diamond H3 Axial 30° design for better finishing and tool life. Feedwise and counter feed rotation.

Application: Suitable for working on chipboard, laminated, veneered, coated and MDF. Optimized unloading for faster chip discharge. Excellent finishing of the panel. Low noise.

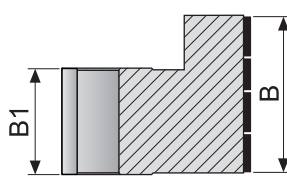


Code No.											
øD	Upcut	Downcut	B	B1	Z	Type	Axial	ød	Machine	n	m/min
100	3831.100.34 ■	3831.101.34 ■	34	36	3+3	C	A2	30DKN	IMA, Brandt	18,000-25,000	18-25
	3831.100.48	3831.101.48	48	40.6	3+3	B	A2	30DKN	IMA, Brandt	18,000-25,000	18-25
125	3831.125.43	3831.126.43	43	40	3+3	A	A1	30DKN	Homag	18,000-25,000	18-25
	3831.125.63 ■	3831.126.63 ■	63	40	3+3	A	A1	30DKN	Homag	18,000-25,000	18-25
	3831.125.45 ■	3831.126.45 ■	45	40	3+3	A	A2	30DKN	Biesse	18,000-25,000	18-25
	3831.125.48 ■	3831.126.48 ■	48	42	3+3	A	A2	30DKN	IMA	18,000-25,000	18-25
	3831.125.64 ■	3831.126.64 ■	64	40	3+3	A	A2	30DKN	IMA	18,000-25,000	18-25

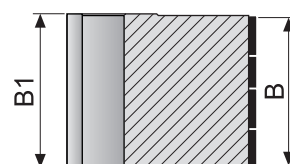
■ Available upon request



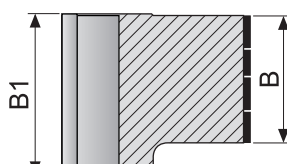
Type A



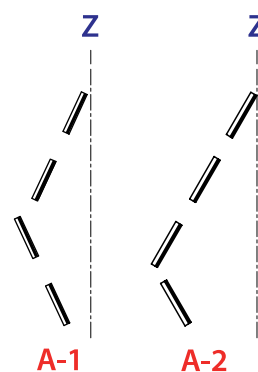
Type B



Type C



Type D



Cutters



Grooving



Rebating



Planing



Profiling



Jointing



Door Frame
& Panel



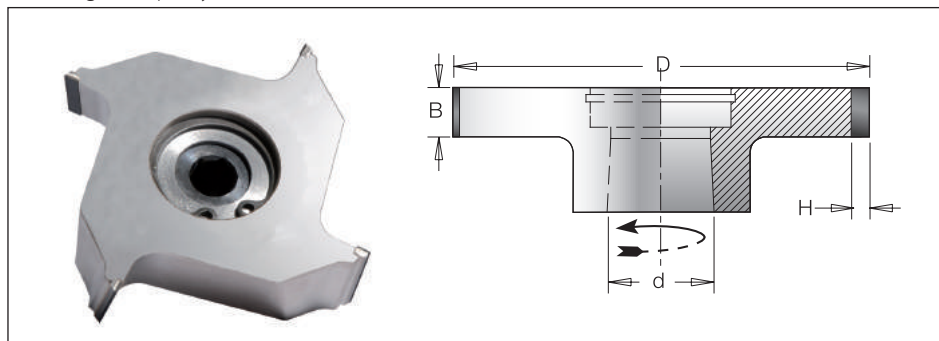
Multi Profile

PCD - Straight Trimming Cutters

NEW

Properties: Edge bending / grooving cutter blocks for working on glue edges for flush trimming, chamfering and profiling. Diamond in H3. Fits most common machines in the market. Counter feed machining.

Application: Suitable for chipboard panels laminated, coated, veneered, MDF. Optimized unloading for faster chip removal. Excellent finishing due to HSK holders for a perfect fit with the drive shaft, achieving best quality.



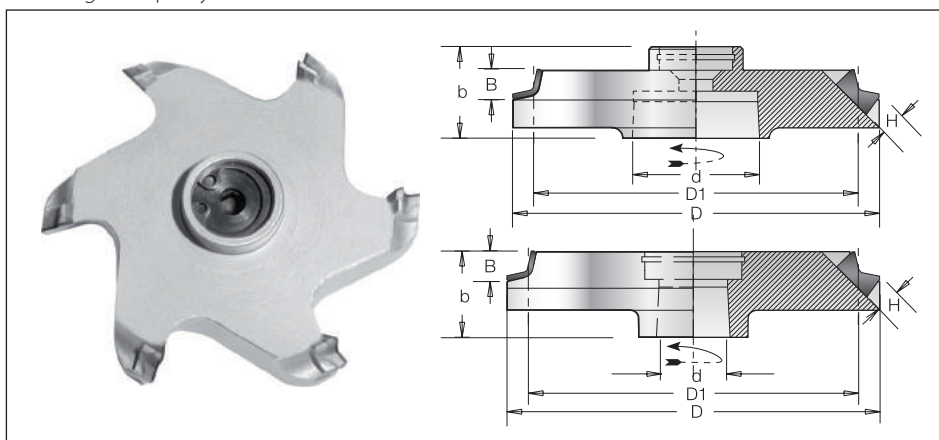
		Code No.				
øD	RH	LH	B	Z	H	ød
70	3810.074.08	3810.174.08	8	4	3	HSK25
	3810.076.08	3810.176.08	8	6	3	HSK25
	3810.074.15	3810.174.15	15	4	3	HSK25
	3810.076.15	3810.176.15	15	6	3	HSK25
73	3810.074.06	3810.174.06	6	4	3	HSK25
	3810.076.06	3810.176.06	6	6	3	HSK25

PCD - Radius Trimming Cutters

NEW

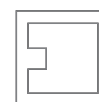
Properties: Radius trimming cutters for making radius edges. Diamond height H=3.0mm. Counter feed machining.

Application: Suitable for chipboard panels laminated, coated, veneered, MDF. Optimized unloading for faster chip removal. Excellent finishing due to HSK holders for a perfect fit with the drive shaft, achieving best quality.

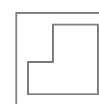


Code No.							
øD	RH	LH	B	R	Z	H	ød
78	3910.078.20	3910.178.20	23	2	4	3	HSK25
	3920.078.20	3920.178.20	23	2	6	3	HSK25
79	3910.079.20	3910.179.20	23	2	4	3	HSK25
	3920.079.20	3920.179.20	23	2	6	3	HSK25
70	3910.070.20	3910.170.20	17.5	2	4	3	HSK25
	3920.070.20	3920.170.20	17.5	2	6	3	HSK25
70	3910.070.30	3910.170.30	17.5	3	4	3	HSK25
	3920.070.30	3920.170.30	17.5	3	6	3	HSK25

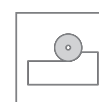
Cutters



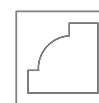
Grooving



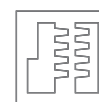
Rebating



Planing



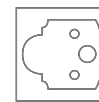
Profiling



Jointing



Door Frame
& Panel



Multi Profile

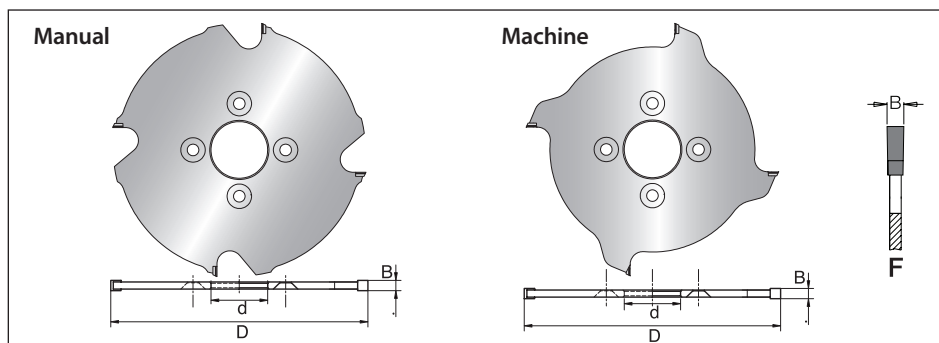


PCD - Biscuit Grooving Cutter for Lamello Machines

NEW

Properties: Grooving cutter to produce biscuit grooves. Diamond height of H=4.0mm.

Application: Suitable for portable biscuit grooving machines such as Lamello or Top 20.



øD	Code No	B	Z	From	H	ød
100	3810.100.22	3.97	3	F	4	22+4
	3810.101.22	3.97	4	F	4	22+4
	3810.102.22 ■	3.97	6	F	4	22+4

■ Available upon request



Grooving



Rebating



Planing



Profiling



Joining



Door Frame
& Panel



Multi Profile

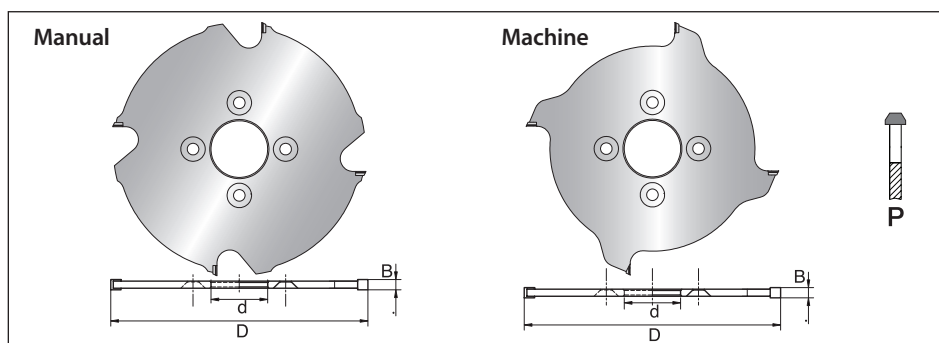


PCD - Profile Grooving Cutter for Lamello Profile Connectors

NEW

Properties: Profile grooving cutter to produce profile grooves. Diamond height H=3.0mm.

Application: Suitable for portable profile grooving machines such as Lamello P System and CNC machines.



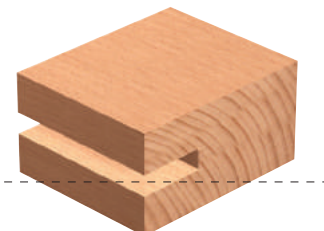
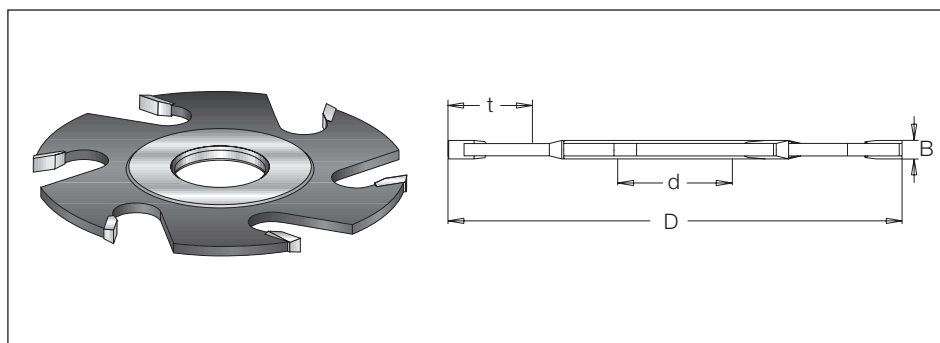
øD	Code No	B	Z	From	H	ød
100,4 MAN	3810.107.22	7	3	P	3	22
100,4 MAN	3810.117.22 ■	7	6	P	3	22
100,4 CNC	3810.107.30	7	3	P	3	30
100,4 CNC	3810.117.30 ■	7	6	P	3	30

■ Available upon request

Grooving Cutter 3 - 20mm

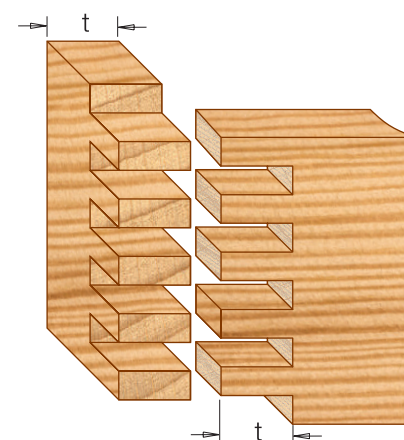
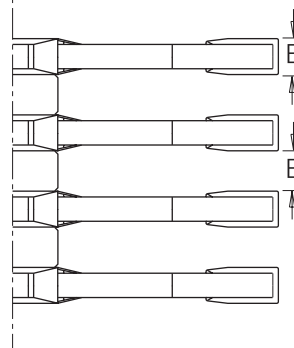
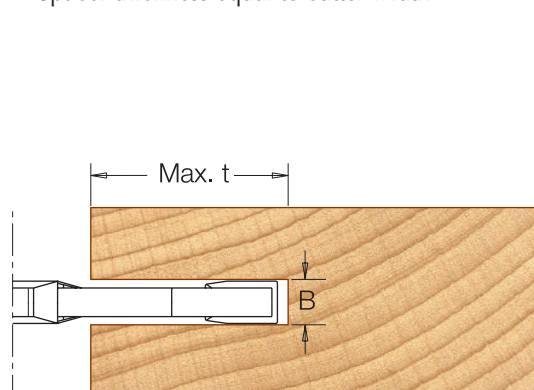
Hard wearing steel tool body complete with six tungsten carbide knives. Suitable for producing grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle moulder.

Can be used with spacer rings for comb jointing.



øD	B	Code No.	Z	ød	ød Max.	Max. t	n
125	3	7070011	6	30	40	32	6,100 - 10,500
	5	7070071	6	30	40	32	6,100 - 10,500
	6	7070101	6	30	40	32	6,100 - 10,500
	8	7070131	6	30	40	32	6,100 - 10,500
	10	7070161	6	30	40	32	6,100 - 10,500
	12	7070191	6	30	40	32	6,100 - 10,500
	14	7070221	6	30	40	32	6,100 - 10,500
	16	7070251	6	30	40	32	6,100 - 10,500
150	4	7070311	6	30	40	45	5,200 - 9,000
	5	7070341	6	30	40	45	5,200 - 9,000
	6	7070371	6	30	40	45	5,200 - 9,000
	8	7070401	6	30	40	45	5,200 - 9,000
	10	7070431	6	30	40	45	5,200 - 9,000
	12	7070461	6	30	40	45	5,200 - 9,000
	14	7070491	6	30	40	45	5,200 - 9,000
	16	7070521	6	30	40	45	5,200 - 9,000
180	5	707 055 1	8	30	40	60	4,300 - 7,500

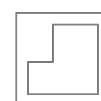
Spacer thickness equal to cutter width



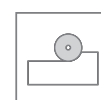
Cutters



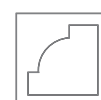
Grooving



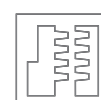
Rebating



Planing



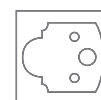
Profiling



Jointing



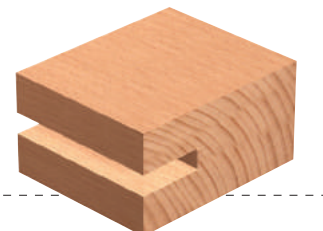
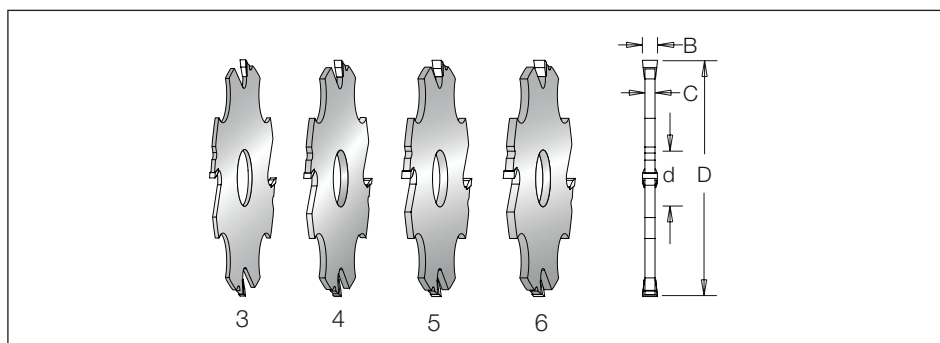
Door Frame
& Panel



Multi Profile

Adjustable Brazed Grooving Cutter Set 3-18 mm

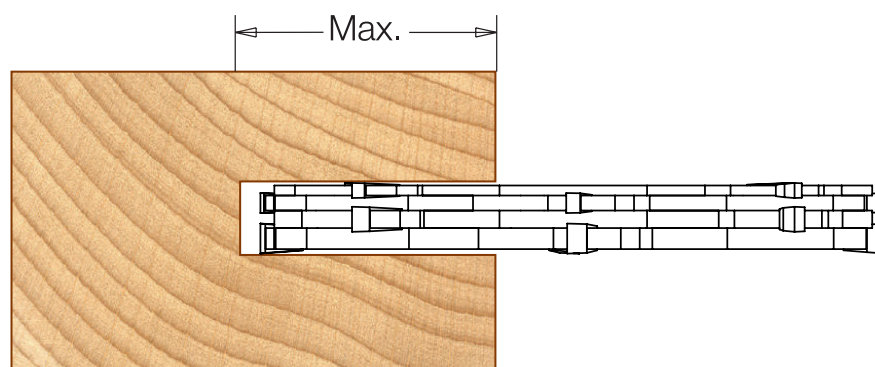
Combination of four Cutters made of hard wearing steel tool body complete with four tungsten carbide Tips. Suitable for producing different grooves, slots and rebating in softwood, hardwood and man-made boards (with or without coating) on a spindle moulder. Can be adjusted with 0.1 mm spacers rings for required width.



øD	B	C	Code No.	Z	ød	ød Max.	Max. t	n
125	3	2	7120901	4	30	50	32	6,100 - 10,500
	4	3	7120911	4	30	50	32	6,100 - 10,500
	5	3.5	7120921	4	30	50	32	6,100 - 10,500
	6	4.2	7120931	4	30	50	32	6,100 - 10,500
Set	3-18		7120941*	4	30	50	32	6,100 - 10,500



Spacer set *
192 705 1
B=3.8

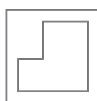


Assembly Table for Desired Width (Kerf)

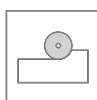
Kert	Cutter	Spacer	Cutter	Spacer	Cutter	Spacer	Cutter
3	3						
4	4						
5	5						
6	6						
7	4	0.9	3				
8	5	1.2	3				
9	5	1.2	4				
10	6	1.3	4				
11	6	1.6	5				
12	5	1.2	4	0.9	3		
13	6	1.3	4	1	3		
14	6	1.6	5	1.2	3		
15	6	1.6	5	1.2	4		
16	6	1.1	5	0.2	4	0.6	3
17	6	1.1	5	1.2	4	0.6	3
18	6	1.6	5	1.2	4	1	3



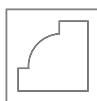
Grooving



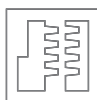
Rebating



Planing



Profiling



Jointing



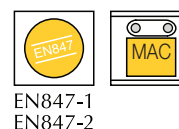
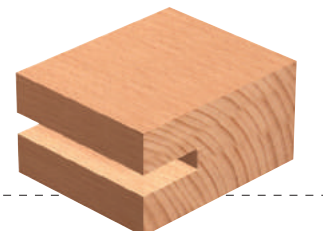
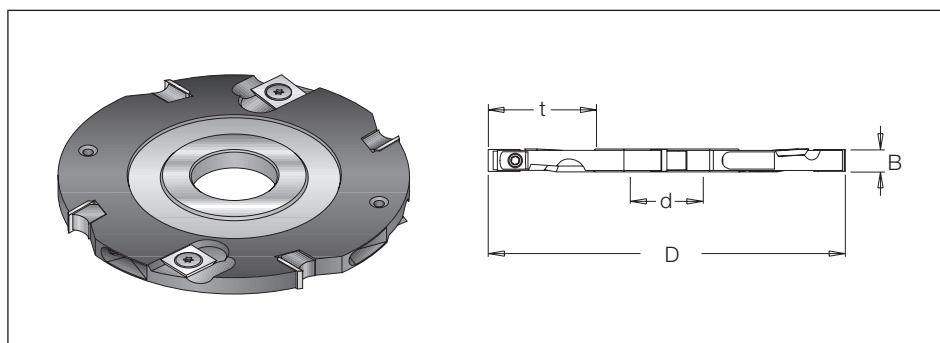
Door Frame
& Panel



Multi Profile

Grooving Cutter with Scorers 4 - 12mm

Hard wearing steel body complete with disposable tungsten carbide knives and scorers for improved finish. Suitable for producing grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle moulder. Can be used with spacer rings for comb jointing.



øD	B	Code No.	Z	ød	ød Max.	Max. t	n
125	4	7210011	4+4	30		35	6,100 - 10,500
	5	7210021	4+4	30		35	6,100 - 10,500
	6	7210031	4+4	30		35	6,100 - 10,500
	8	7210101	4+4	30		35	6,100 - 10,500
	10	7210111	4+4	30		35	6,100 - 10,500
	12	7210121	4+4	30		35	6,100 - 10,500
150	4	7210041	4+4	30	40	45	5,200 - 8,900
	5	7210051	4+4	30	40	45	5,200 - 8,900
	6	7210061	4+4	30	40	45	5,200 - 8,900
	8	7210131	4+4	30	40	45	5,200 - 8,900
	10	7210141	4+4	30	40	45	5,200 - 8,900
	12	7210151	4+4	30	40	45	5,200 - 8,900
180	4	7210071	8+8	30	50	55	4,200 - 7,200
	5	7210081	8+8	30	50	55	4,200 - 7,200
	6	7210091	8+8	30	50	55	4,200 - 7,200
	8	7210161	4+8	30	50	55	4,200 - 7,200
	10	7210171	4+8	30	50	55	4,200 - 7,200
	12	7210181	4+8	30	50	55	4,200 - 7,200

Spare parts:

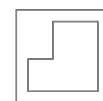
						
B = 4mm	#300 850 1 18x18x2	#300 850 2 14x14x1.2	#192 350 0 M4x0.5x11.1	#192 360 0 M4x0.5x9.9	#193 028 0 M4x3.2	#194 110 0 T9
B = 5mm	#300 850 4 18x18x2.5	#300 850 2 14x14x1.2	#192 350 0 M4x0.5x11.1	#192 360 0 M4x0.5x9.9	#193 030 0 M4x4	#194 110 0 T9
B = 6mm	#300 850 5 18x18x2.95	#300 850 2 14x14x1.2	#192 350 0 M4x0.5x11.1	#192 360 0 M4x0.5x9.9	#193 031 0 M4x5.3	#194 110 0 T9

Spare parts:

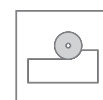
							
B= 8mm	#310 751 2 7.5x12x1.5	#199 031 0 L=6.5	#300 850 3 14x14x2	#193 370 0 M5x6.1	#193 060 0 M5x16	#194 106 0 T20	#194 008 0 S2.5
B= 10mm	#300 750 7 9.6x12x1.5	#199 023 0 L=8.5	#300 850 3 14x14x2	#193 370 0 M5x6.1	#193 060 0 M5x16	#194 106 0 T20	#194 008 0 S2.5
B= 12mm	#300 750 9 11.6x12x1.5	#199 032 0 L=10.5	#300 850 3 14x14x2	#193 370 0 M5x6.1	#193 060 0 M5x16	#194 116 0 T20	#194 008 0 S2.5



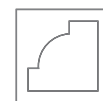
Grooving



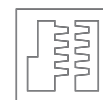
Rebating



Planing



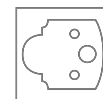
Profiling



Jointing



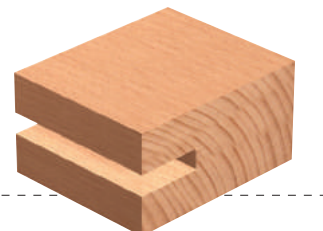
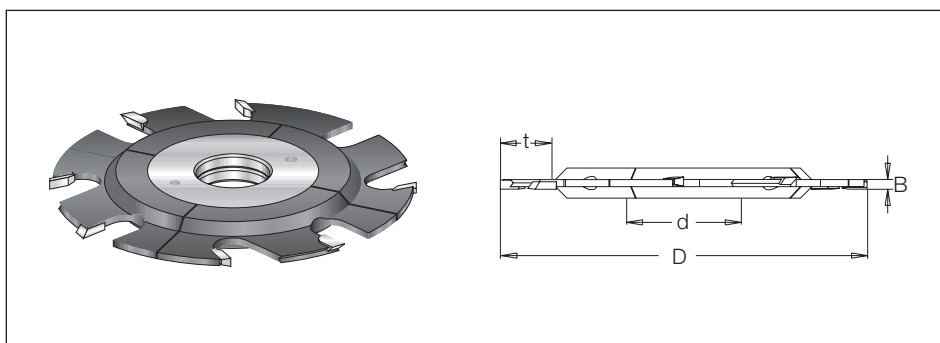
Door Frame
& Panel



Multi Profile

Adjustable Brazed Grooving Cutter - with Scorers 1.8 - 50mm

Hard wearing steel body complete with tungsten carbide knives and scorers for improved finish. Suitable for producing various thickness grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle moulder. Cutting width can be adjusted in 0.1mm steps by using supplied spacer rings



øD	B	Code No.	Z	ød	ød Max.	Max. t	n
120	1.8-3.4	7971601	4+4	30	40	16	6,500-11,500
	7.5-15	7972001	6+4	30	40	16	6,500-11,500
140	1.8-3.4	7976501	4+4	30	50	27	5,500-9,500
	3.0-5.8	7971301	4+4	30	50	27	5,500-9,500
150	4.0-7.5	7971401	4+4	30	50	35	5,100-9,000
	5.0-9.5	7971501	4+4	30	50	32	5,100-9,000
	6.7-13.0	7971041	4+4	30	50	30	5,100-9,000
	7.5-14	7971701	4+4	30	50	35	5,100-9,000
	12.7-25.0	7971071	4+4	30	50	30	5,100-9,000
	25.0-49.5	7971101	4+4	30	50	27	5,100-9,000
250	5.20-10	7976201	8+8	30		50	3,000-5,500
	7.2-14	7976301	8+8	30		50	3,000-5,500
	10.2-20.2	7976401	8+8	30		50	3,000-5,500

Adjusting cutting widths, with spacers in increments of 0.1mm.

Spare parts:



D=120, B=1.8-3.4 #1926610
B=2.0

D=150, B=7.5-14.0 #1926620
B=7

D=120, B=7.5-15 #1921820
B=8.0

D=150, B=12.7-25.0 #7973071
B=13

D=140, B=3.0-5.8 #1926880
B=3.0

D=150, B=25.0-49.5 #7973101
B=26.1

D=140, B=1.8-3.4 #1926610
B=2.0

D=250, B=5.2-10 #7976051
B=7

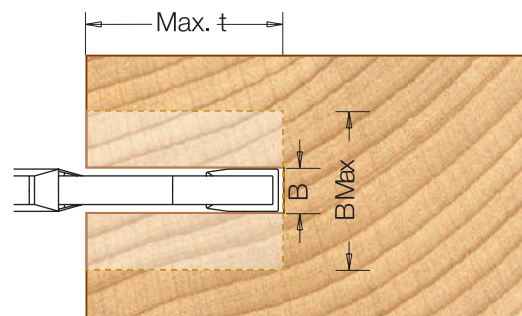
D=150, B=4.0-7.5 #1926900
B=3.5

D=250, B=7.2-14 #7976051
B=7

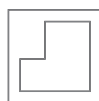
D=150, B=5.0-9.5 #1926890
B=4.5

D=250, B=10.2-20.2 #7976061
B=11

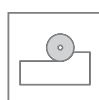
D=150, B=6.7-13.0 #7973041
B=7.1



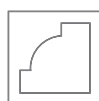
Grooving



Rebating



Planing



Profiling



Jointing



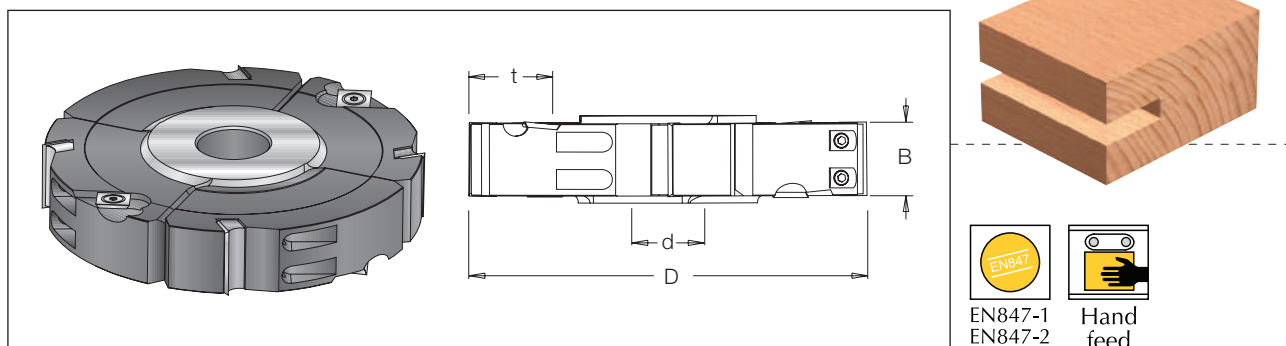
Door Frame
& Panel



Multi Profile

Adjustable Grooving and Rebating Cutter with Scorers 4 - 100mm

Hard wearing steel body complete with disposable tungsten carbide knives and scorers for improved finish. Suitable for producing various thickness grooves and rebates in softwood, hardwood and man-made boards (with or without coating) on a spindle moulder. Cutting width can be adjusted in 0.1mm steps by using supplied spacer rings.



øD	B	Code No.	Z	ød	ød Max.	Max. t	n
160	4.0-7.5	7220011	8+4	30	50	30	5,000 - 8,900
	8.0-15.0	7220021	4+4	30	50	30	5,000 - 8,900
	12.5-24.0	7220031	4+4	30	50	30	5,000 - 8,900
	20.6-40	7220071	4+4	30	50	40	5,000 - 8,900
	30.6-60	7220321	4+4	30	50	40	Max 5,400
	50.6-100	7220331	4+4	30	50	40	Max 5,000
180	4.0-7.5	7220101	8+4	30	50	40	4,500 - 6,600
	8.0-15.0	7220041	4+4	30	50	40	4,500 - 5,500
	12.5-24.0	7220051	4+4	30	50	40	4,500 - 5,000
200	20.6-40	7220271	4+4	30	50	50	Max 4,000

⚠ Adjusting cutting widths, with spacers in increments of 0.1mm.

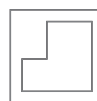
Spare parts:

B= 4-7.5mm							
	T.C. Blade #300 850 1 18x18x2	T.C. Blade #300 850 2 14x14x1.2	Spacer set #192 690 0 B= 3.5	T.C. Blade Nut #192 360 0 M4x0.5x9.9	T.C. Blade Nut #192 350 0 M4x0.5x11.1	Torx screw #193 028 0 M4x3.2	Torx key 1941100 T9
B= 8-15mm							
	T.C. Blade #310 751 2 7.5x12x1.5	Wedge #199 031 0 L=6.5	T.C. Blade #300 850 3 14x14x2	Spacer set #192 691 0 B =7	Torx screw #193 370 0 M5x6.3	Allen screw #193 060 0 M5x16	Torx key #194 106 0 T20
B= 12.5-24mm							
	T.C. Blade #300 750 9 11.6x12x1.5	Wedge #199 032 0 L=10.5	T.C. Blade #300 850 3 14x14x2	Spacer set #192 692 0 B =11.5	Torx screw #193 370 0 M5x6.1	Allen screw #193 060 0 M5x16	Torx key #194 106 0 T20
B= 20.6-40mm							
	T.C. Blade #310 122 0 20x12x1.5	Wedge #199 033 0 L=19	T.C. Blade #300 850 3 14x14x2	Spacer set #192 693 0 B=20	Torx screw #193 370 0 M5x6.1	Allen screw #193 026 5 M6x16	Torx key #194 106 0 T20
B= 30.6-60mm							
	T.C. Blade #310 123 0 30x12x1.5	Wedge #199 051 0 L=28	T.C. Blade #300 850 3 14x14x2	Spacer set #192 698 0 B=30	Torx screw #193 370 0 M5x6.1	Allen screw #193 026 5 M6x16	Torx key #194 106 0 T20
B= 50.6-100mm							
	T.C. Blade #310 125 0 50x12x1.5	Wedge #199 048 0 L=48	T.C. Blade #300 850 3 14x14x2	Spacer set #192 699 0 B=50	Torx screw #193 370 0 M5x6.1	Allen screw #193 026 5 M6x16	Torx key #194 106 0 T20

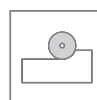
Cutters



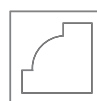
Grooving



Rebating



Planing



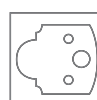
Profiling



Jointing



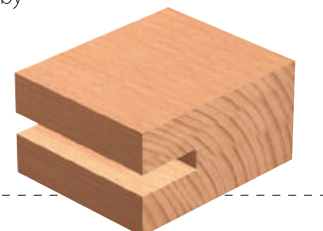
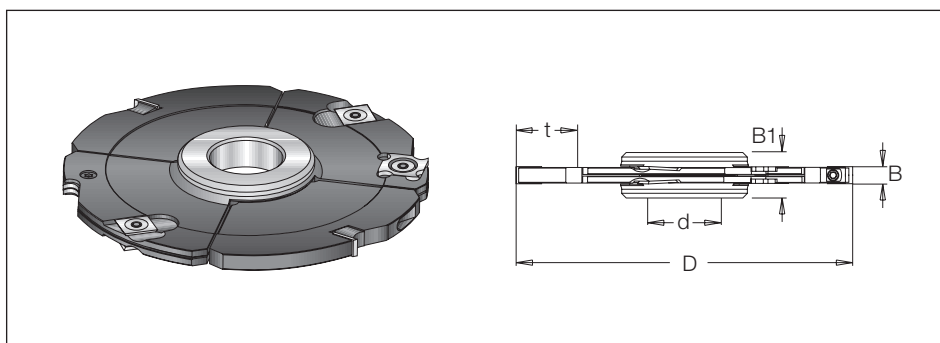
Door Frame & Panel



Multi Profile

Adjustable Grooving Cutter with Scorers 4 - 15.5mm

Hard wearing steel body complete with disposable tungsten carbide knives and scorers for improved finish. Suitable for producing various thickness grooves and slots in softwood, hardwood and man made boards (with or without coating) on a spindle moulder. Cutting width can be adjusted in 0.1mm steps by using supplied spacer rings.



EN847-1
EN847-2

Hand
feed

øD	B	Code No.	B1	Z	ød	Max. t	n
150	4.0-15.5	7220301	19	2+4+4	30	45	6,100 - 9,000

Adjusting cutting widths, with spacers in increments of 0.1mm.

Spare parts:



T.C. Blade
#310 751 2
7.5x12x1.5



Wedge
#199 031 0
L=6.5



T.C. Blade
#300 850 1
18x18x2



T.C. Blade
#300 850 2
14x14x1.2



Spacer set
#192 619 0
B=8.1



T.C. Blade Nut
#192 360 0
M4x0.5x9.9



T.C. Blade Nut
#192 350 0
M4x0.5x11.1



Torx screw
#193 028 0
M4x3.2



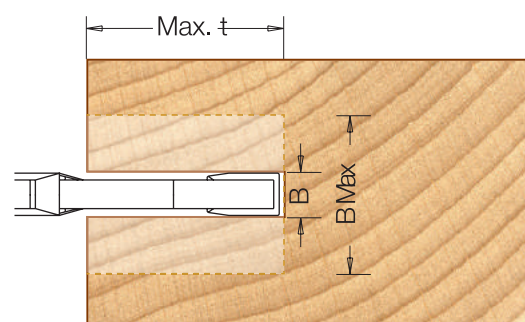
Allen screw
#193 060 0
M5x16



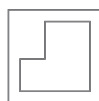
Torx key
194 110 0
T9



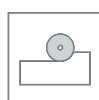
Allen key
194 008 0
S2.5



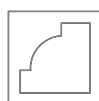
Grooving



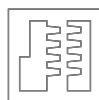
Rebating



Planing



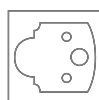
Profiling



Jointing



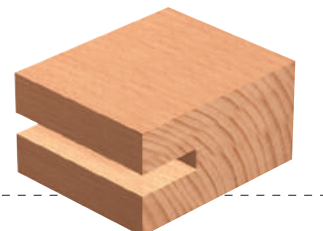
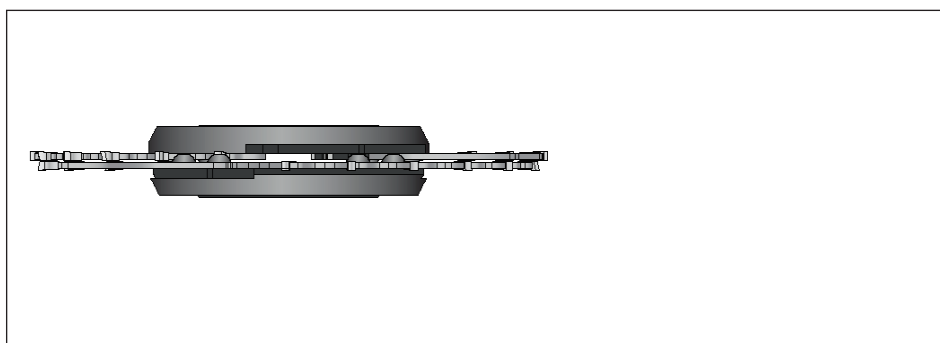
Door Frame
& Panel



Multi Profile

Adjustable Thin Kerf Grooving Cutter 1.5 - 6mm

Heavy duty adjustable cutter produced precisely as a saw blade and operates as an adjustable cutter. One body designed to support a working thickness range of 1.5-3mm & 3-6mm.



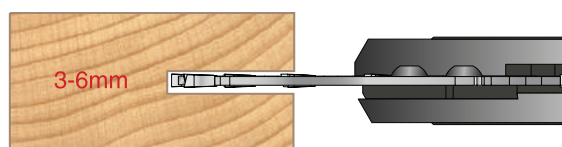
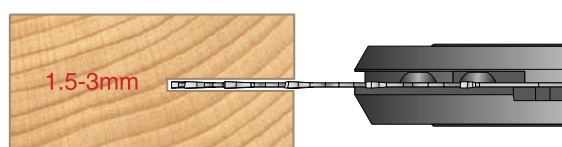
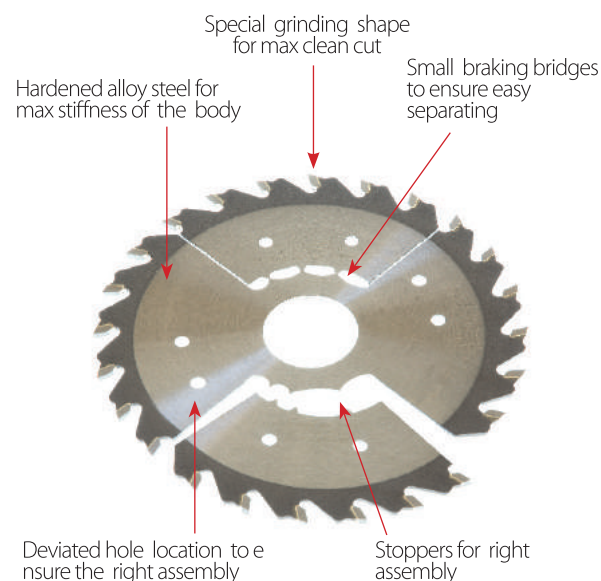
EN847-1
EN847-2



Hand
feed

Description	Part No:	D	B	d	Remarks
Full set	7124411		1.5-6		7124401+7122178+7122208
Set includes saw + body	7122181		3-6	30	7124401+7122208
Set includes saw + body	7123141		1.5-3	30	7124401+7122178
Body (Top + Bottom)	7124401	110		30	Include Set spacers
Saw 1.5-3	7122178	160	1.5		
Saw 3-6	7122208	160	3		

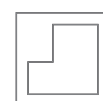
PATENTED



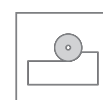
Cutters



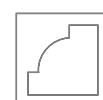
Grooving



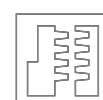
Rebating



Planing



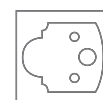
Profiling



Jointing



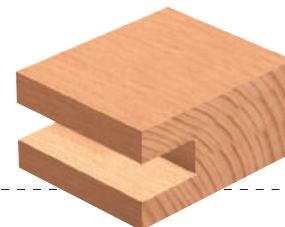
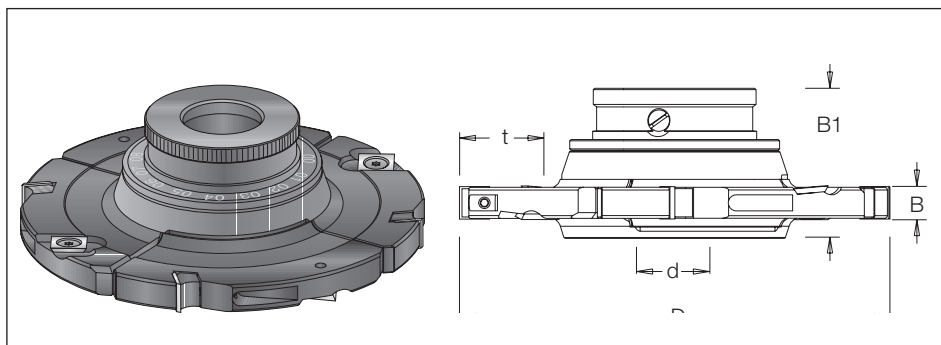
Door Frame
& Panel



Multi Profile

Adjustable Grooving Cutter with Scorers (with ring nut) 4 - 24mm

Hard wearing steel body complete with disposable tungsten carbide knives and scorers for improved finish. Suitable for producing various thickness grooves and slots in softwood, hardwood and man-made boards (with or without coating) on a spindle moulder. Cutting width can be adjusted in 0.1mm steps by special threaded bush and scale without removing the cutter from the spindle.

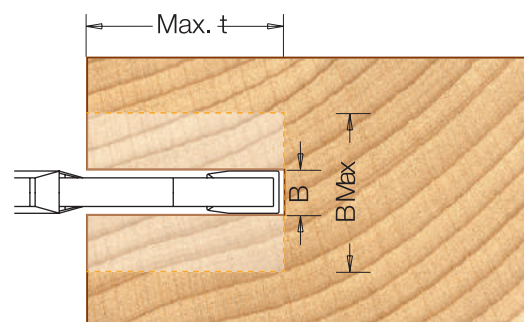


øD	B	Code No.	B1	Z	ød	Max. t	n
160	4.0-7.5	7220161	52.8	8+4	30	30	5,000 - 8,900
	8.0-15.0	7220081	49.3	4+4	30	30	5,000 - 6,900
	12.5-24.0	7220091	55.6	4+4	30	30	5,000 - 6,000
180	4.0-7.5	7220171	49.3	8+4	30	40	4,500 - 6,600
	8.0-15.0	7220111	49.3	4+4	30	40	4,500 - 5,500
	12.5-24.0	7220121	55.7	4+4	30	40	4,500 - 5,000

⚠ For producing various grooving widths through continuous adjustment in a resolution scale of 0.1mm.

Spare parts:

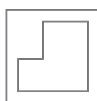
								
B= 4-7.5mm	T.C. Blade #300 850 1 18x18x2	T.C. Blade #300 850 2 14x14x1.2	T.C. Blade Nut #192 360 0 M4x0.5x9.9	T.C. Blade Nut #192 350 0 M4x0.5x11.1	Torx screw #193 028 0 M4x3.2	Torx key #194 110 0 T9		
								
B= 8-15mm	T.C. Blade #310 751 2 7.5x12x1.5	Wedge #199 031 0 L=6.5	T.C. Blade #300 850 3 14x14x2	Torx screw #193 370 0 M5x6.1	Allen screw #193 060 0 M5x16	Allen screw #193 367 0 M5x6	Torx key #194 106 0 T20	Allen key #194 008 0 S2.5
B= 12.5-24mm	#300 750 9 11.6x12x1.5	#199 032 0 L=10.5	#300 850 3 14x14x2	#193 370 0 M5x6.1	#193 060 0 M5x16	#193 367 0 M5x6	#194 106 0 T20	#194 008 0 S2.5



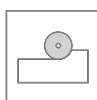
Cutters



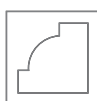
Grooving



Rebating



Planing



Profiling



Joining



Door Frame
& Panel



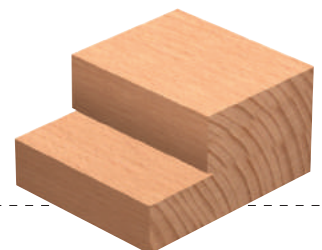
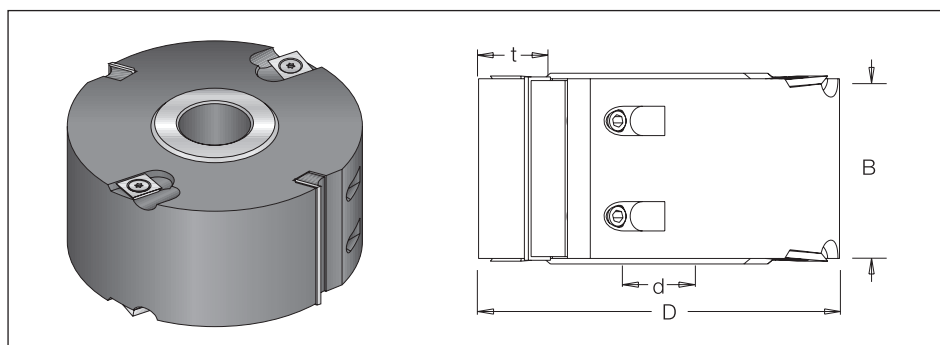
Multi Profile

Cutters

Rebating

Rebating Cutter

Hard wearing steel tool body complete with four alternately sheared tungsten carbide knives for machining large surface areas. Suitable for producing wide grooves and rebates in softwood, hardwood and man-made boards (with or without coating) on a spindle moulder.



øD	B	Code No.	Z	ød	ød Max.	t	n
85	50	7331041	2+4	30		8	9,000 - 15,000
90	40	7332011*	2+4	30		15	8,500 - 12,000
100	30	7331051	2+4	30		20	7,600 - 12,900
	50	7331061	2+4	30		20	7,600 - 12,900
125	30	7331101	2+4	30	50	30	6,100 - 10,000
	50	7331021	2+4	30	50	30	6,100 - 10,000
	50	7333021*	2+4	30	50	30	6,100 - 10,000
	60	7331031	2+4	30	50	30	6,100 - 10,000

⚠ *Aluminum

Spare parts:



T.C. Blade



Wedge



T.C. Blade



Torx screw



Allen screw

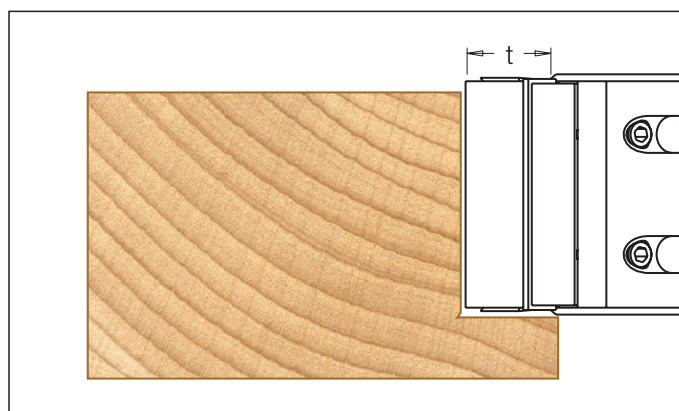


Torx key

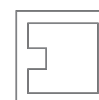


Allen key

B= 30mm	#310 123 0 30x12x1.5	#199 051 0 L=28	#300 850 3 14x14x2	#193 370 0 M5x6.1	#193 026 5 M6x16	#194 106 0 T20	#194 003 5 S3
B= 40mm	#300 052 8 40x12x1.5	#199 046 0 L=38	#300 850 3 14x14x2	#193 370 0 M5x6.1	#193 065 0 M6x10	#194 106 0 T20	#194 003 5 S3
B= 50mm	#310 125 0 50x12x1.5	#199 048 0 L=48	#300 850 3 14x14x2	#193 370 0 M5x6.1	#193 026 5 M6x16	#194 106 0 T20	#194 003 5 S3
B= 60mm	#300 053 1 60x12x1.5	#199 033 7 L=58	#300 850 3 14x14x2	#193 370 0 M5x6.1	#193 026 5 M6x16	#194 106 0 T20	#194 003 5 S3



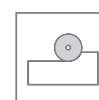
Cutters



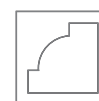
Grooving



Rebating



Planing



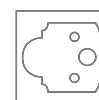
Profiling



Jointing



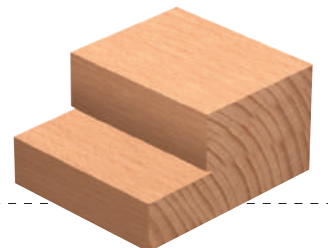
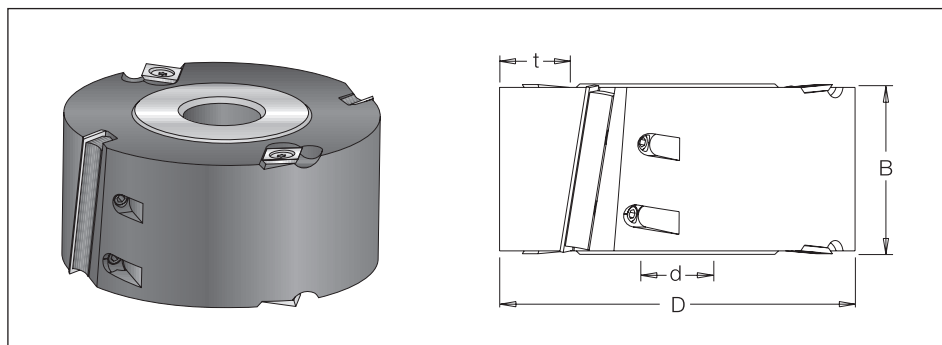
Door Frame
& Panel



Multi Profile

Rebating Cutter

Cutterhead bodies available in hard wearing aluminium or steel, complete with $\pm 10^\circ$ shear angle disposable tungsten carbide knives and scorers. Shear angle reduces tear out and improve quality of cut. Suitable for producing various thickness rebates in softwood, hardwood and man-made boards (with or without coating) on a spindle moulder.



EN847-1
EN847-2



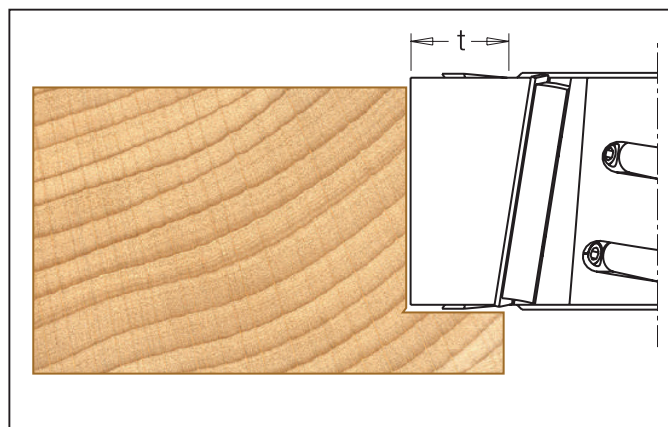
Hand
feed

$\varnothing D$	B	Code No.	Z	$\varnothing d$	$\varnothing d$ Max.	t	n
125	30	7330011	4+4	30	50	27	6,100 - 10,300
	50	7330041*	2+4	30	50	27	6,100 - 10,300
	50	7330021	4+4	30	50	27	6,100 - 10,300
	60	7330051*	2+4	30	50	27	6,100 - 10,300
150	60	7330061*	2+4	30	50	40	5,200 - 8,600

⚠ $\pm 10^\circ$ Face shear angles.
* Aluminum

Spare parts:

							
B= 30mm	T.C. Blade #310 123 0 30x12x1.5	Wedge #199 027 5 L=26	T.C. Blade #300 850 3 14x14x2	Torx screw #193 370 0 M5x6.3	Allen screw #193 026 5 M6x16	Torx key #194 106 0 T20	Allen key #194 003 5 S3
B= 50mm	#310 125 0 50x12x1.5	#199 045 0 L=46	#300 850 3 14x14x2	#193 370 0 M5x6.3	#193 065 0 M6x10	#194 106 0 T20	#194 003 5 S3
B= 60mm	#300 053 1 60x12x1.5	#199 033 6 L=56	#300 850 3 14x14x2	#193 370 0 M5x6.3	#193 026 5 M6x16	#194 106 0 T20	#194 003 5 S3



Cutters



Grooving



Rebating



Planing



Profiling



Joining



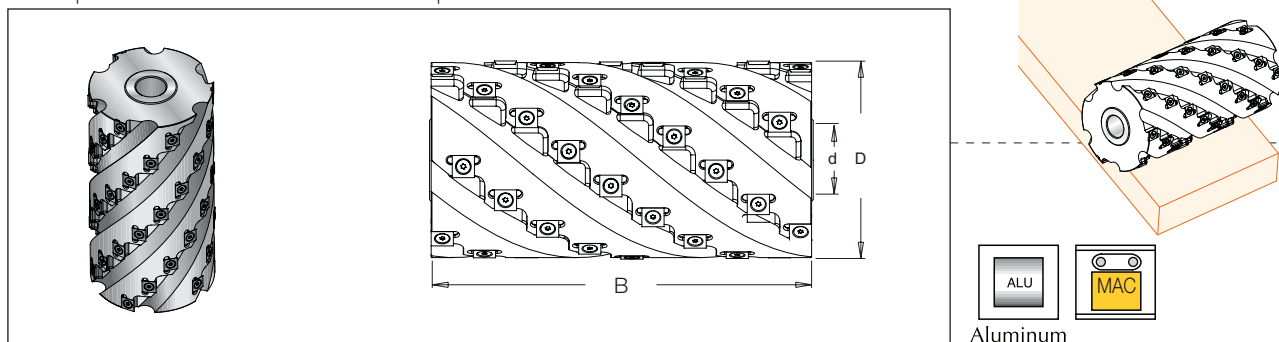
Door Frame
& Panel



Multi Profile

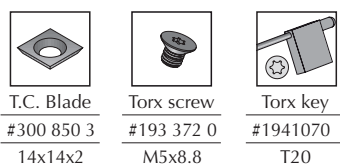
Roughing Cutter Planer Head with TC Disposable 14x14x2 Blades.

Hard wearing aluminum body complete with spiral positioned disposable TC Knives arranged in six flutes. Suitable to remove large volumes of all types of wood with a high feed rate, by creating small chips. Low noise operation. Can also be ordered with a special dimension.



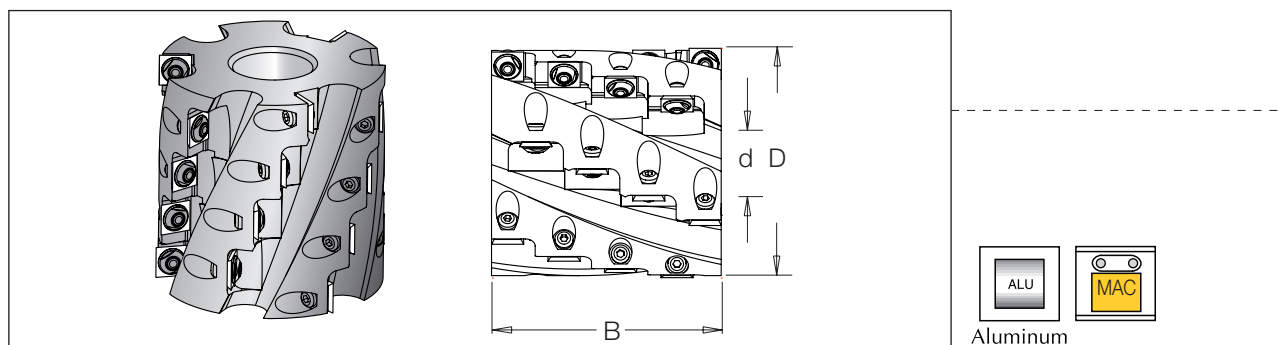
øD	B	Code No.	Flute No.	Z	ød	n
125	80	7336919	6	18	40	9,000
	100	7336929	6	24	40	9,000
	130	7336939	6	30	40	9,000
	190	7336949	6	45	40	9,000
	210	7336959	6	48	40	9,000
	240	7336969	6	54	40	9,000
60-200	80-250	Customer design	4-6		30-40	

Spare parts:



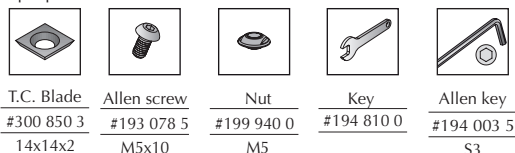
Roughing Cutter Planer Head with TC Disposable 14X14x2 Blades Extended Chip Clearance

Hard wearing aluminum body complete with spiral positioned disposable TC Knives arranged in several flutes. Suitable to remove large volumes of all types of wood with a high feed rate, by creating small chips. Low noise operation. All the thread parts made from alloy steel and can be replaced, can also be ordered with a special dimension.



øD	B	Code No.	Flute No.	Z	ød	n
100	100	7120728	6	24	35	9000
	120	7120848	6	30	35	9000
90-200	80-250	Customer design	4-6		30-50	

Spar parts



Cutters



Grooving



Rebating



Planing



Profiling



Jointing



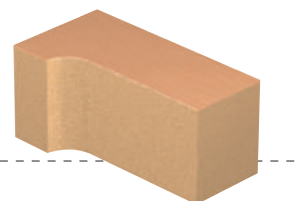
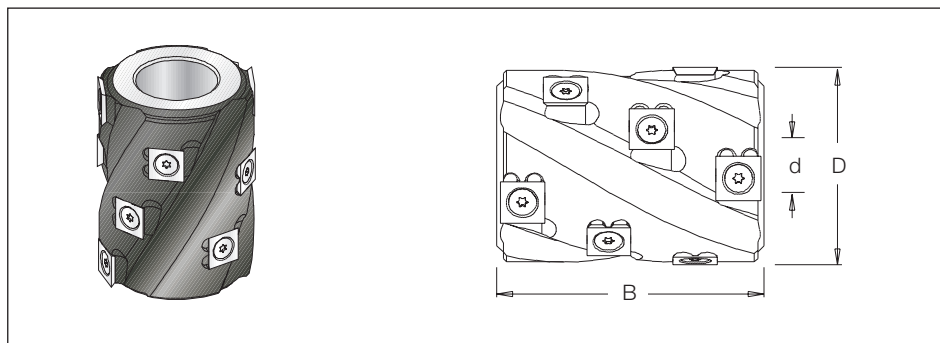
Door Frame
& Panel



Multi Profile

Disposable Insert Planing Cutter Blocks

Hard wearing aluminium body complete with spiral positioned disposable tungsten carbide knives. Suitable for planing and jointing in softwood, hardwood and man-made boards on a spindle moulder. Can be used with a bearing guide and ring fence for planing and routing curved work pieces with a template.



EN847-1
EN847-2

Hand
feed

ALU
Aluminum

øD	B	Code No.	Z	ød	n
62	82	7336511	3x4	30	7,000-12,000

Spare parts:



T.C. Blade

#300 850 3
14x14x2



Torx screw

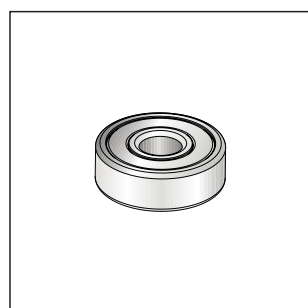
#193 370 0
M5x6.1



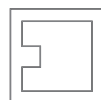
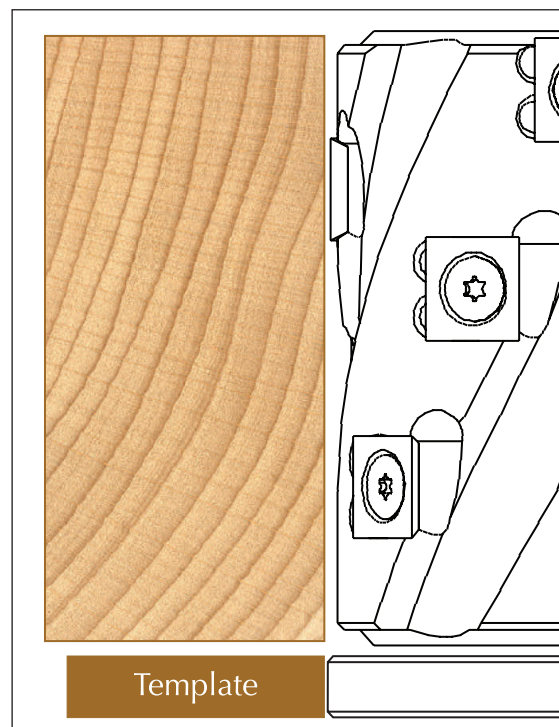
Torx key

#194 106 0
T20

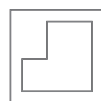
Ball Bearing



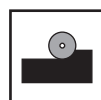
øD	B	Code No.	ød
62	16	1910261	30



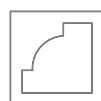
Grooving



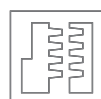
Rebating



Planing



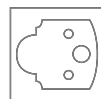
Profiling



Jointing



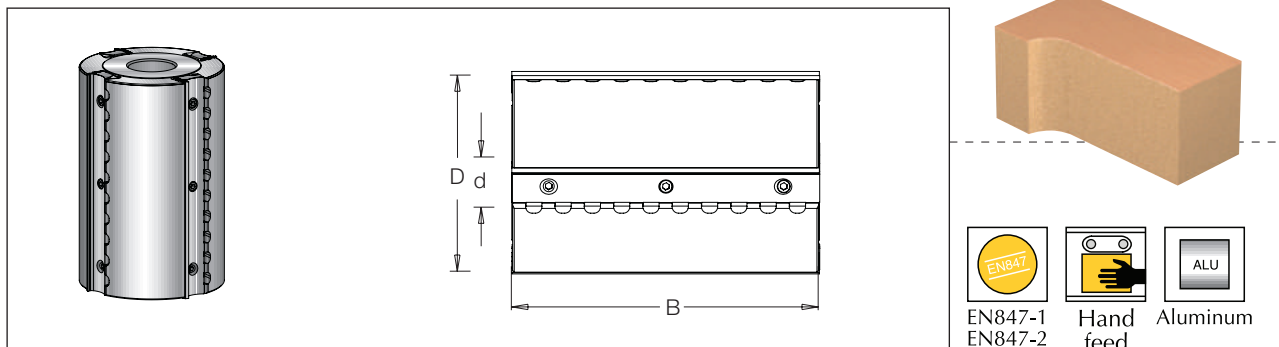
Door Frame
& Panel



Multi Profile

Finish Cutter Planer Head with HSS/TC Disposable Blades

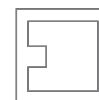
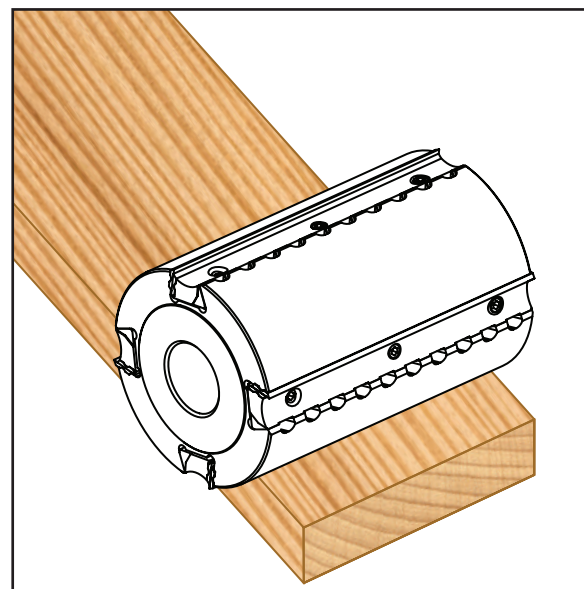
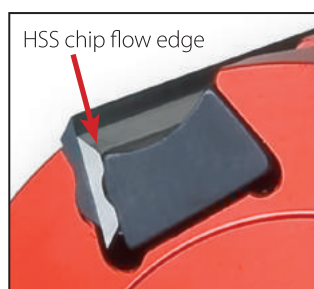
Hard wearing aluminum body complete with four disposable HSS/ TC Knives and quick changing knife option. Large gullet for the high feed operation and a special wedge with a HSS chip flow edge to maintain the life-time of the locking wedge. Can also round/chamfer corners with four special TC holders assembled on the cutter instead of two knives.



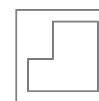
øD	B	Code No.	Z	Knife Type	ød	ød Max.	n
125	80	7336419	4	HSS	40	50	9000
	100	7336429	4	HSS	40	50	9000
	130	7336439	4	HSS	40	50	9000
	190	7336449	4	HSS	40	50	9000
	210	7336459	4	HSS	40	50	9000
	230	7336479	4	HSS	40	50	9000
	240	7336469	4	HSS	40	50	9000

Spare parts:

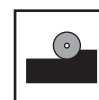
	T.C. Blade	HSS Blade	Wedge	Allen screw	Allen key
B=80	#310 711 1 80x14x2.5	#310 761 1 80x14x2.5	#199 841 0 L=80	#193 026 6 M8x12	#194 003 6 S4
B=100	#310 711 2 100x14x2.5	#310 761 2 100x14x2.5	#199 842 0 L=100		
B=130	#310 711 3 130x14x2.5	#310 761 3 130x14x2.5	#199 843 0 L=130		
B=190	#310 711 4 190x14x2.5	#310 761 4 190x14x2.5	#199 844 0 L=190		
B=210	#310 711 5 210x14x2.5	#310 761 5 210x14x2.5	#199 845 0 L=210		
B=230	#310 711 7 230x14x2.5	#310 761 7 230x14x2.5	#199 847 0 L=230		
B=240	#310 711 6 240x14x2.5	#310 761 6 240x14x2.5	#199 846 0 L=240		



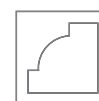
Grooving



Rebating



Planing



Profiling



Jointing



Door Frame
& Panel

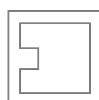
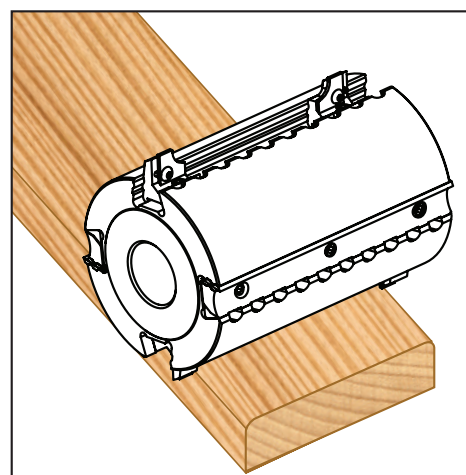
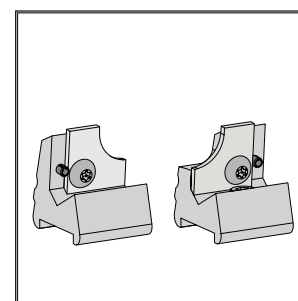


Multi Profile

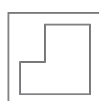
Additional Options for Finish Cutter Planer Head

Round/chamfer TC holder made from alloy steel can be assembled on the cutter instead of the two knives. Final adjusting of the holder.

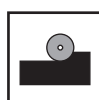
						
	Round/Chamfer tip Left holder	Round/Chamfer tip Right holder	T.C. Blade Left	T.C. Blade Right	Torx screw	Torx key
R = 3	#199 851 0 25x25x30	#199 850 0 25x25x30	#310 712 0L 20x20xR3	#310 712 0 20x20xR3	#193 395 0 M4x6	#194 101 5 T15
R = 4			#310 712 1L 20x20xR4	#310 712 1 20x20xR4		
R = 5			#310 712 2L 20x20xR5	#310 712 2 20x20xR5		
R = 6			#310 712 3L 20x20xR6	#310 712 3 20x20xR6		
R = 8			#310 712 4L 20x20xR8	#310 712 4 20x20xR8		
R = 10			#310 712 5L 20x20xR10	#310 712 5 20x20xR10		
a = 45°			 #310 712 6L 20x20xa45°	 #310 712 6 20x20xa45°		



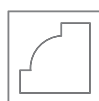
Grooving



Rebating



Planing



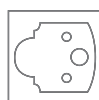
Profiling



Jointing



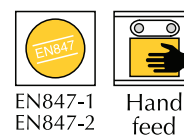
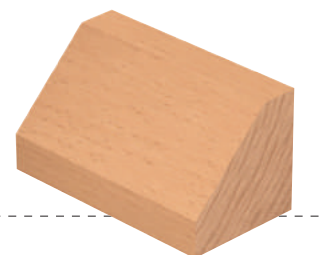
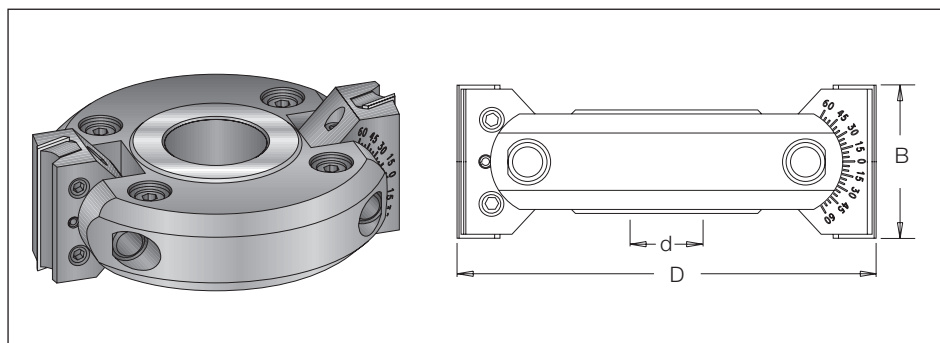
Door Frame
& Panel



Multi Profile

Adjustable Beveling Cutter

Cutterhead bodies available in hard wearing aluminium or steel, complete with disposable tungsten carbide knives. 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 notched scale. Fine adjustment of 1° is also possible.



øD	B	Code No.	a	ød	ød Max.	n
110	40	7340141	-45.0° → +45.0°	30		7,000 - 9,000
120	40	7340151*	-45.0° → +45.0°	30		6,000 - 8,500
130	50	7340161	-67.5° → +67.5°	30		5,000 - 8,500
150	50	7340171	-90.0° → +90.0°	30	40	5,100 - 7,400
160	50	7340261	-90.0° → +90.0°	30	40	4,800 - 6,000

* Aluminum
Fast tuning angle of 7.5° step
Fine tuning angle of 1°

Spare parts:



T.C. Blade



Wedge



Allen screw

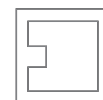
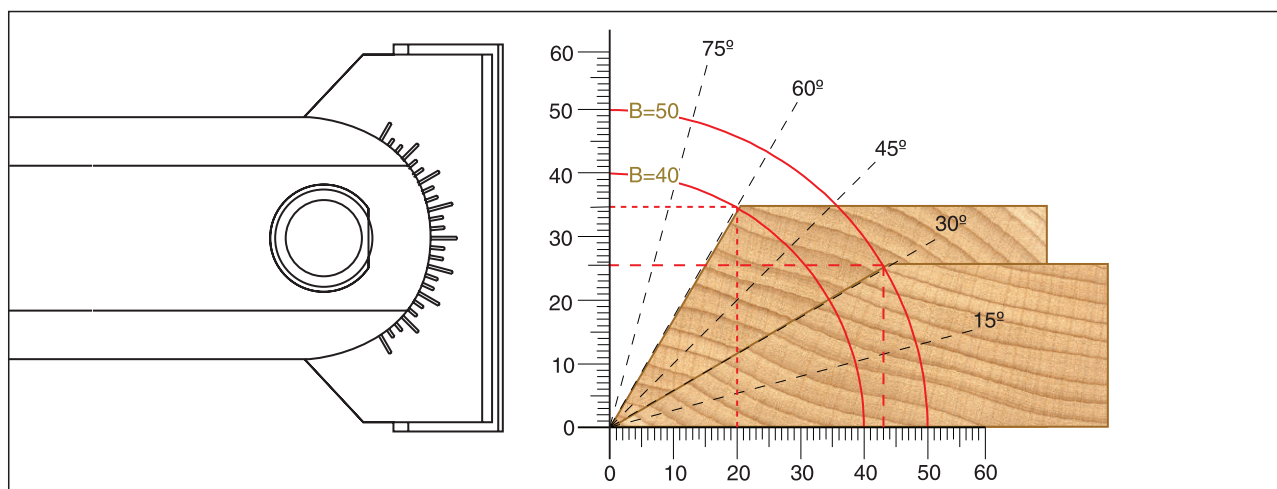
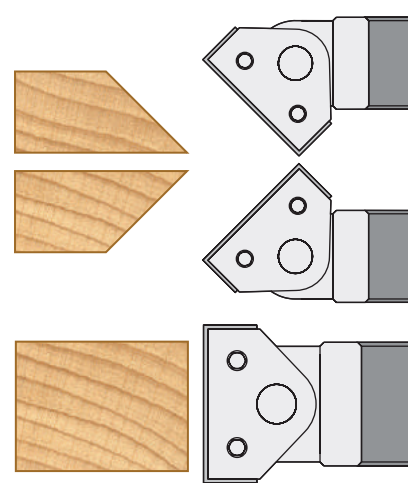


Locking wedge

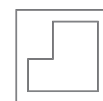


Allen key

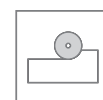
B= 40mm	#300 052 8 40x12x1.5	#199 082 0 L=38	#193 049 4 M6x8	#199 403 1	#194 003 5 S3
B= 50mm	#310 125 0 50x12x1.5	#199 083 0 L=48	#193 049 4 M6x8	#199 4031	#194 003 5 S3



Grooving



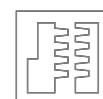
Rebating



Planing



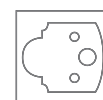
Profiling



Jointing



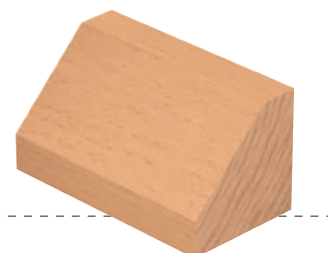
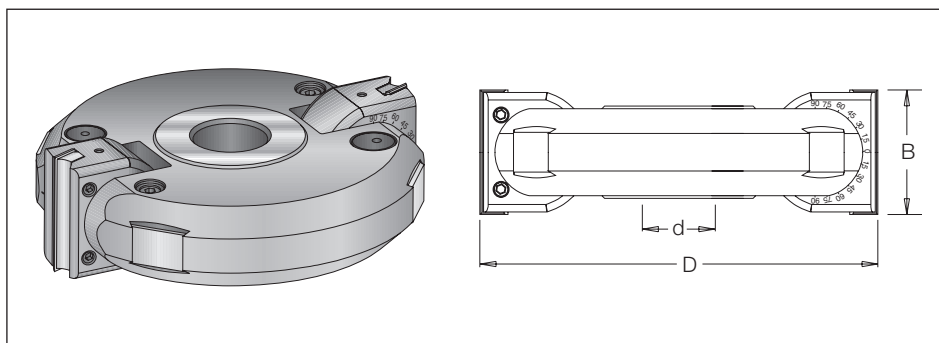
Door Frame
& Panel



Multi Profile

Adjustable Beveling Cutter

Cutterhead bodies available in hard wearing aluminium complete with disposable tungsten carbide knives. Suitable for producing chamfer cuts at various angles in softwood, hardwood and man-made boards on a spindle moulder. Fine adjustment of the cutting angle in 1° steps is possible by using the special geared mechanism.



EN847-1
EN847-2



Hand
feed



Aluminum
feed

øD	B	Code No.	a	ød	ød Max.	n
160	50	7340301	-90° → +90°	30	40	4,800 - 6,000
170	60	7340351	-90° → +90°	30	40	4,500 - 6,000

⚠ A special mechanism to enable fine tuning angle of 1°.

Spare parts:



T.C. Blade



Wedge



Allen screw



Locking wedge



Allen key

B= 50mm

#310 125 0
50x12x1.5

#199 080 0
L=48

#193 065 0
M6x10

#199 402 0

#194 003 5
S3

B= 60mm

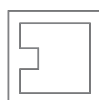
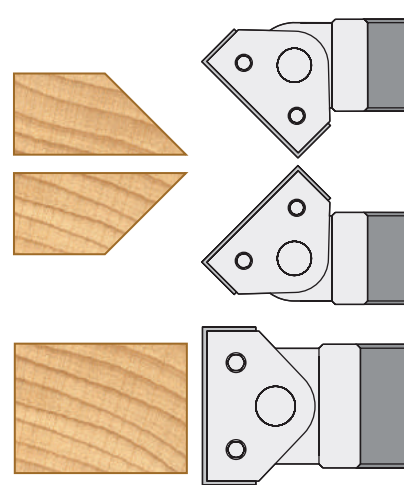
#300 053 1
60x12x1.5

#199 081 0
L=58

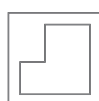
#193 065 0
M6x10

#199 402 0

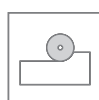
#194 003 5
S3



Grooving



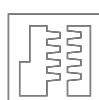
Rebating



Planing



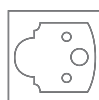
Profiling



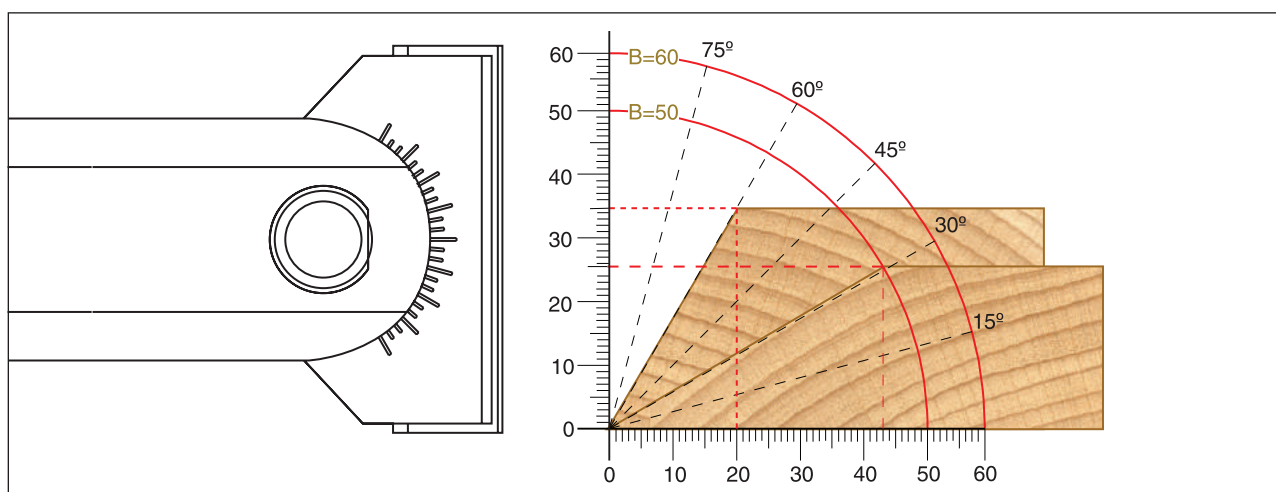
Jointing



Door Frame
& Panel

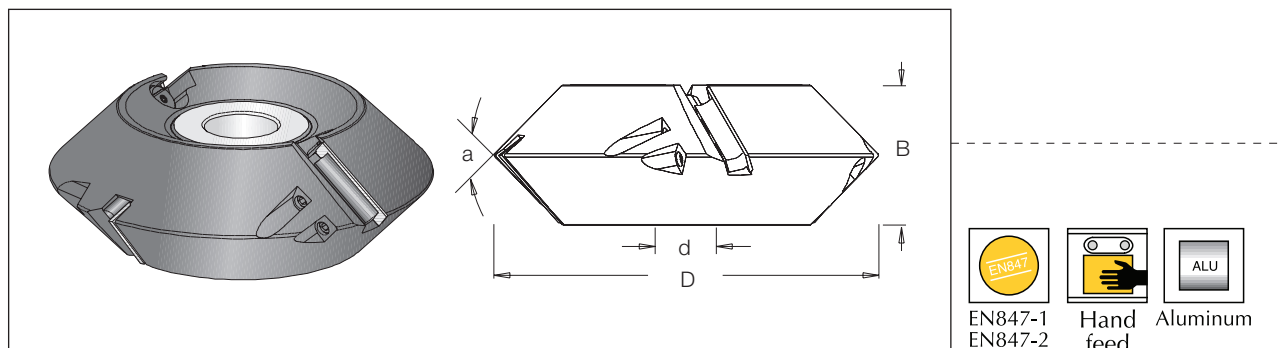


Multi Profile



Folding, Jointing, Rebating and Chamfering Cutter

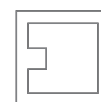
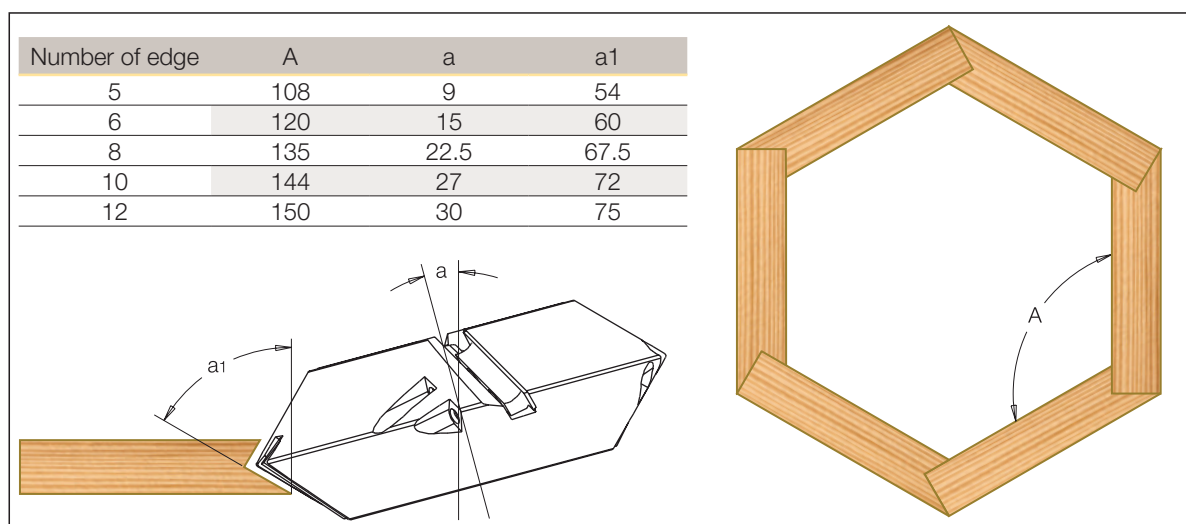
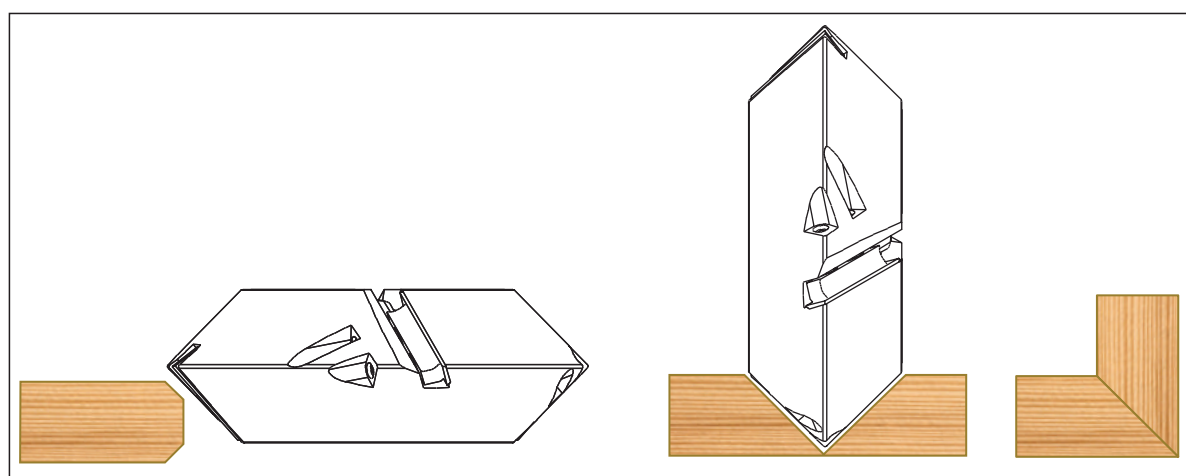
Hard wearing aluminum body, complete with 2 + 2 down shears. Disposable straight knives, creating V shape. Suitable for rebating, chamfering, table legs jointing and V shape slots in soft wood, hardwood and laminate particleboards.



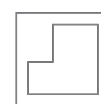
ϕD	a	B	Code No.	Z	ϕd	ϕd Max.	n
160	90°	56	7335101	4	30	50	5,000 - 8,000

Spare parts:

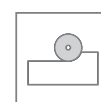
T.C. Blade	Wedge	Allen screw	Allen screw	Allen key	Allen key
#300 052 8	#199 040 2	#193 026 5	#193 071 0	#194 003 5	#194 020 0
40x12x1.5	L=32	M6x16	M4x16	S3	S2



Grooving



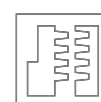
Rebating



Planing



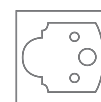
Profiling



Jointing



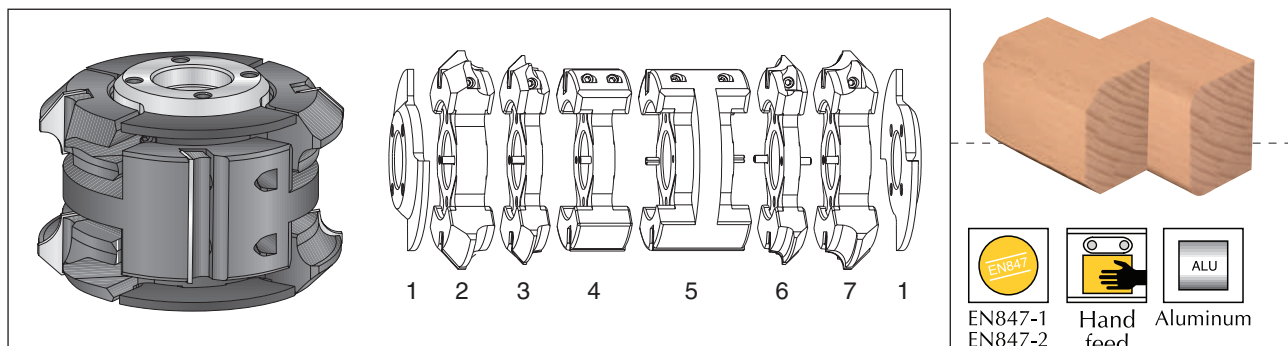
Door Frame & Panel



Multi Profile

Adjustable Rounding & Chamfering Cutter Set

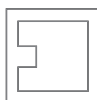
Hard wearing aluminium body complete with disposable tungsten carbide knives. Four types of set suitable for rounding over or chamfering softwood, hardwood and man-made boards on a spindle moulder. Cutting width dependant on set ordered, but it is possible to machine timber from 19 – 70mm wide. Cutting width can be adjusted by using supplied spacer rings.



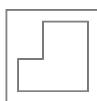
	øD	R	Code No.	Z	B	Cutter	ød	ød Max.	n
Set A1	113	2-5	7520021		19-30 +2xR	1,3,4,6,1	30	40	7600-10000
Straight cutter	100		7320031	2	30	4	30	40	
Left cutter	113	2-5	7520121	2	16	3	30	40	
Right cutter	113	2-5	7520221	2	16	6	30	40	
Covering plate	98		7520201		9	1	30	40	
Set A2	113	2-5	7520031		39-50 +2xR	1,3,5,6,1	30	40	7600-10000
Straight cutter	100		7320041		50	5	30	40	
Left cutter	113	2-5	7520121		16	3	30	40	
Right cutter	113	2-5	7520221		16	6	30	40	
Covering plate	98		7520201		9	1	30	40	
Set B1	118	6-10	7520041		25-30 +2xR	1,2,4,7,1	30	40	7600-10000
Straight cutter	100		7320031		30	4	30	40	
Left cutter	118	6-10	7520141		24	2	30	40	
Right cutter	118	6-10	7520241		24	6	30	40	
Covering plate	98		7520201		9	1	30	40	
Set B2	118	6-10	7520051		45-50 +2xR	1,2,5,7,1	30	40	7600-10000
Straight cutter	100		7320041	2	50	5	30	40	
Left cutter	118	6-10	7520141	2	24	2	30	40	
Right cutter	118	6-10	7520241	2	24	7	30	40	
Covering plate	98		7520201		9	1	30	40	



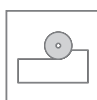
	R	Right	Left	Wedge	L
T.C. Blades	2	3009502	3009502L	1990650	14
T.C. Blades	3	3009503	3009503L	1990650	14
T.C. Blades	4	3009504	3009504L	1990650	14
T.C. Blades	5	3009505	3009505L	1990650	14
T.C. Blades	6	3009506	3009506L	1990660	22
T.C. Blades	7	3009507	3009507L	1990660	22
T.C. Blades	8	3009508	3009508L	1990660	22
T.C. Blades	9	3009509	3009509L	1990660	22
T.C. Blades	10	3009510	3009510L	1990660	22



Grooving



Rebating



Planing



Profiling



Jointing



Door Frame
& Panel



Multi Profile

Adjustable Rounding & Chamfering Cutter Set

Spare parts:



T.C. Blade



Wedge



Space set



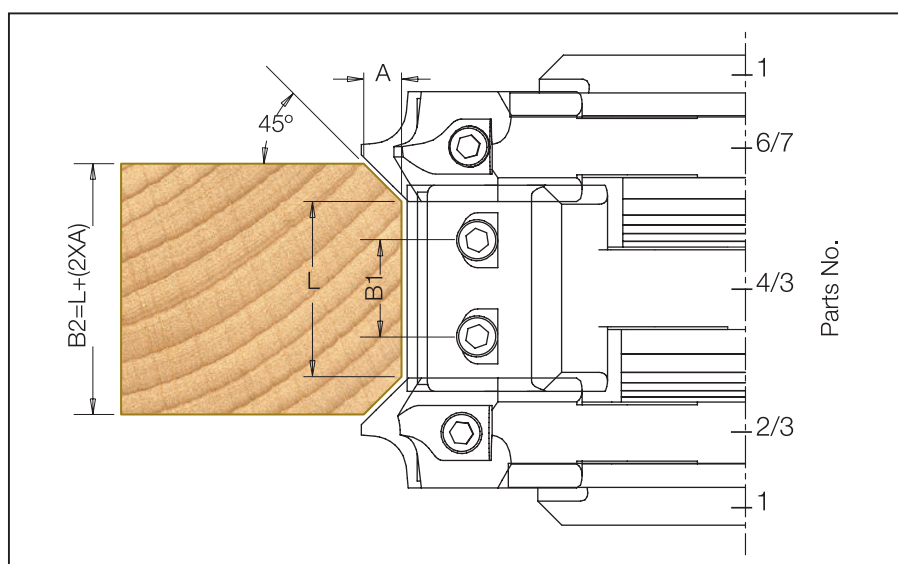
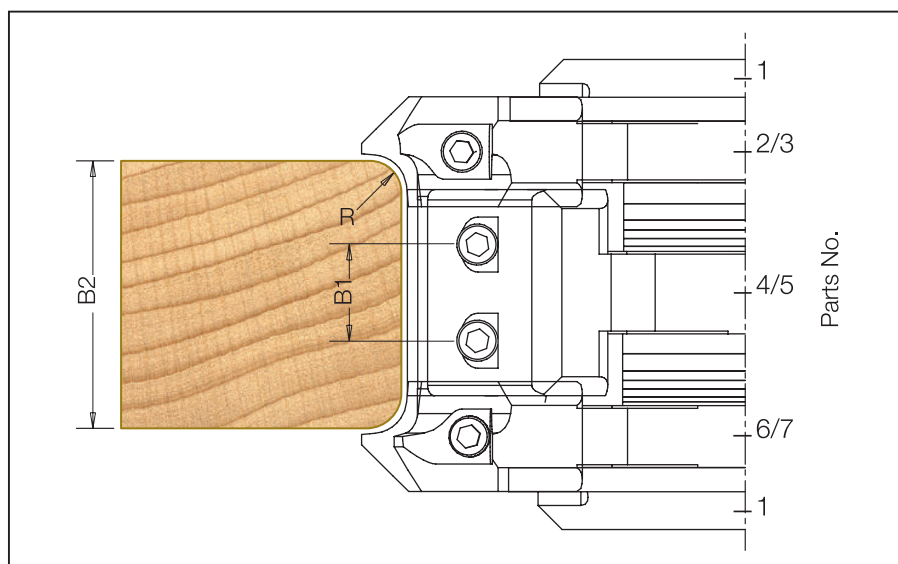
Allen screw



Allen key

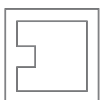
B= 30	#310 123 0 30x12x1.5	#199 067 0 L=28	#192 790 1 D=60 B=25	#193 026 5 M6x16	#1940035 S3
--------------	-------------------------	--------------------	-------------------------	---------------------	----------------

B= 50	#310 125 0 50x12x1.5	#199 068 0 L=48	#192 790 1 D=60 B=25	#193 026 5 M6x16	#1940035 S3
--------------	-------------------------	--------------------	-------------------------	---------------------	----------------

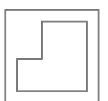


Scale 1:1

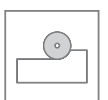
Cutters



Grooving



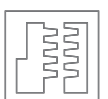
Rebating



Planing



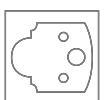
Profiling



Joining



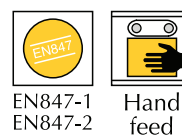
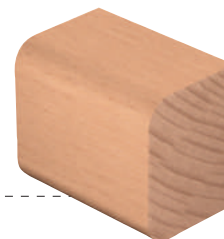
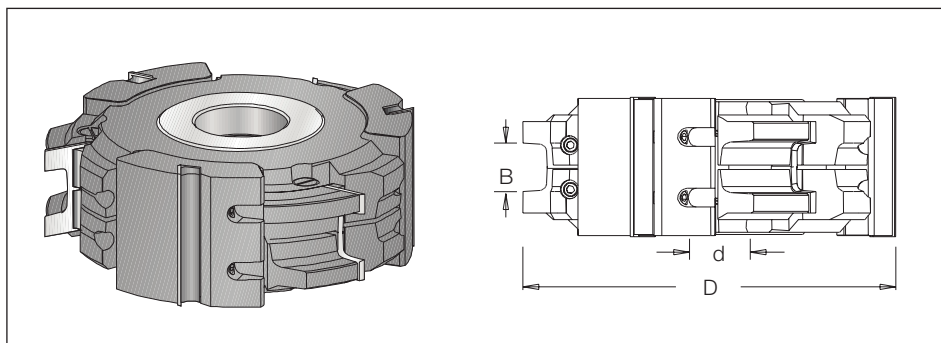
Door Frame
& Panel



Multi Profile

Adjustable Rounding & Rebating Cutter

Hard wearing steel body, two assembly options; two parts and three parts. Suitable for rounding and oversize in a radius between 1 - 10mm. Two part assembly option for wood thickness between 6 - 20mm and three part assembly option for wood thickness 20 - 60mm. Suitable for soft and hard wood and all kinds of particle board.

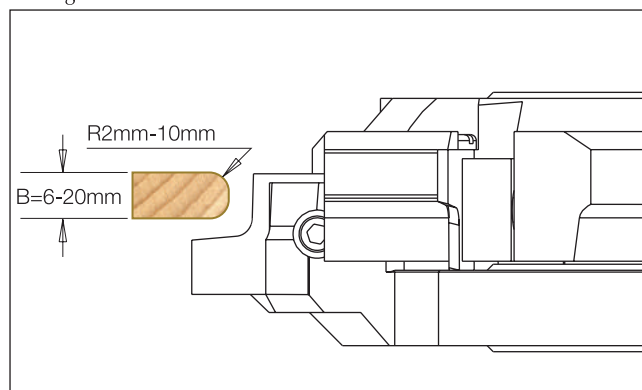


	øD	B	Code No.	Z	ød	ød Max.	
Config. 1	170	6.0-20	7520331	3+3	30	50	4,500 - 7,500
Config. 2	170	20-60	7520301	3+3+3	30	50	4,500 - 7,500
Top Cutter Body			7520321	3	30	50	
Straight Cutter Body			7320061	3	30	50	
Bottom Cutter Body			7520311	3	30	50	

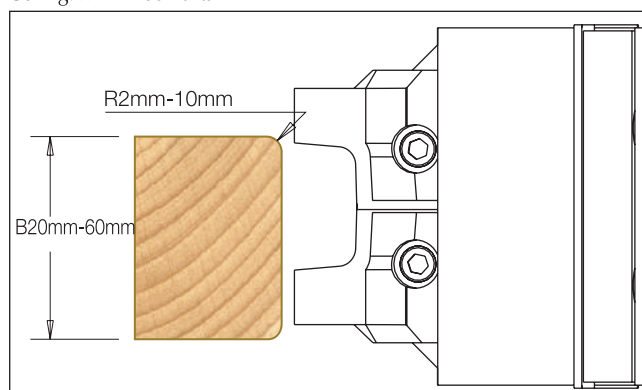
Spare parts:

	T. C. Blade R	T.C. Blade L	T.C. Blade	Wedge	Wedge	Spacer set	Allen screw	Allen key
T.C. Blade R= 1	#310 890 1 20x25x2	#310 890 1L 20x25x2	#300 053 1 60x12x1.5	#199 032 7 L=17	#199 033 7 L=58	192 693 0 B=39	#193 026 5 M6x16	#194 003 5 S3
T.C. Blade R= 2	#310 890 2 20x25x2	#310 890 2L 20x25x2						
T.C. Blade R= 3	#310 890 3 20x25x2	#310 890 3L 20x25x2						
T.C. Blade R= 4	#310 890 4 20x25x2	#310 890 4L 20x25x2						
T.C. Blade R= 5	#310 890 5 20x25x2	#310 890 5L 20x25x2						
T.C. Blade R= 6	#310 890 6 20x25x2	#310 890 6L 20x25x2						
T.C. Blade R= 7	#310 890 7 20x25x2	#310 890 7L 20x25x2						
T.C. Blade R= 8	#310 890 8 20x25x2	#310 890 8L 20x25x2						
T.C. Blade R= 9	#310 890 9 20x25x2	#310 890 9L 20x25x2						
T.C. Blade R= 10	#310 891 0 20x25x2	#310 891 0L 20x25x2						
T.C. Blade a°= 45°			#310 891 1 20x25x2	#310 891 1L 20x25x2				

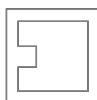
Config. 1- Two Parts



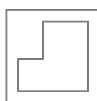
Config. 2 - Three Parts



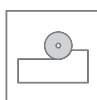
1:1



Grooving



Rebating



Planing



Profiling



Jointing



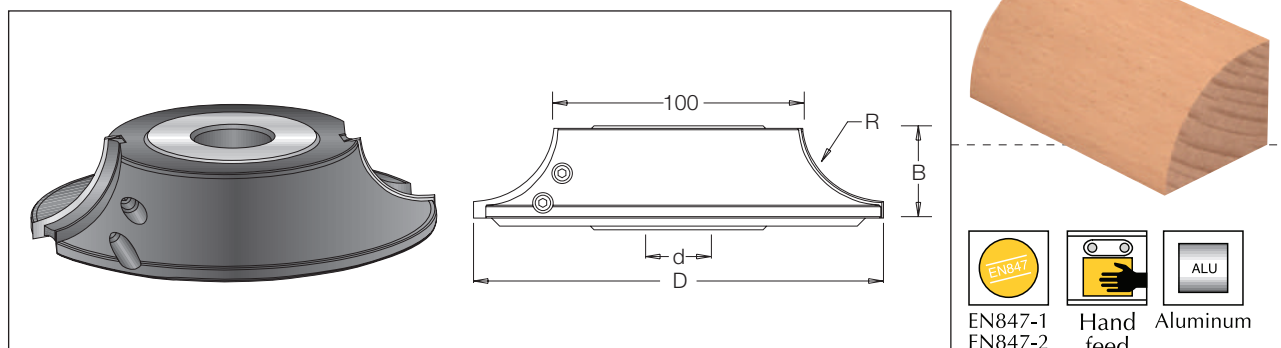
Door Frame
& Panel



Multi Profile

Rounding - Over Cutter

Hard wearing aluminium body complete with disposable tungsten carbide knives. Suitable for rounding over softwood, hardwood and man-made boards on a spindle moulder. Can be used with 100mm diameter bearing for shaping work.

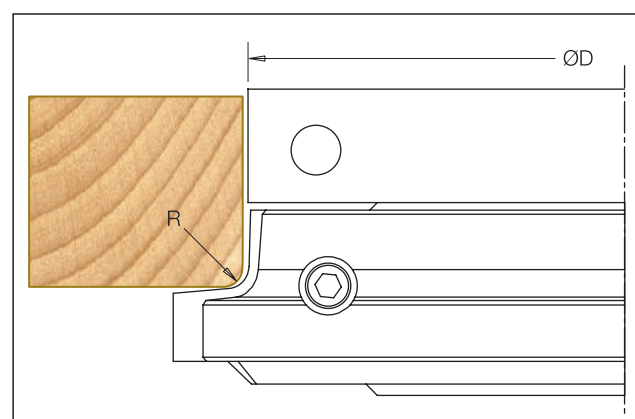


øD	R	Code No.	z	B	ød	ød Max.	n
120	3	7524231	2	20	30	50	6,400 - 10,000
	4	7524241	2	20	30	50	6,400 - 10,000
	5	7524251	2	20	30	50	6,400 - 10,000
	6	7524261	2	20	30	50	6,400 - 10,000
	8	7524281	2	20	30	50	6,400 - 10,000
	10	7524301	2	20	30	50	6,400 - 10,000
	3-10	7524101 Set	2	20	30	50	6,400 - 10,000
130	15	7524351	2	20	30	50	5,400 - 9,000
140	20	7524401	2	25	30	50	5,400 - 9,000
150	25	7524451	2	30	30	50	5,400 - 9,000
160	30	7524501	2	35	30	50	5,400 - 9,000

⚠ Can be used with ball bearing ø100 code No. 1915401.

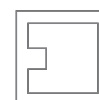
Spare parts:

	T.C. Blade	Wedge	Allen screw	Allen key
R = 3	#310 890 3 R=3	#199 032 7 L=17	#193 026 5 M6x16	#194 003 5 S3
R = 4	#310 890 4 R=4	#199 032 7 L=17	#193 026 5 M6x16	#194 003 5 S3
R = 5	#310 890 5 R=5	#199 032 7 L=17	#193 026 5 M6x16	#194 003 5 S3
R = 6	#310 890 6 R=6	#199 032 7 L=17	#193 026 5 M6x16	#194 003 5 S3
R = 8	#310 890 8 R=8	#199 032 7 L=17	#193 026 5 M6x16	#194 003 5 S3
R = 10	#310 891 0 R=10	#199 032 7 L=17	#193 026 5 M6x16	#194 003 5 S3
R = 15	#310 891 5 R=15	#199 032 7 L=17	#193 026 5 M6x16	#194 003 5 S3
R = 20	#310 892 0 R=20	#199 097 0 L=24	#193 026 5 M6x16	#194 003 5 S3
R = 25	#310 892 5 R=25	#199 098 0 L=29	#193 026 5 M6x16	#194 003 5 S3
R = 30	#310 893 0 R=30	#199 099 0 L=34	#193 026 5 M6x16	#194 003 5 S3

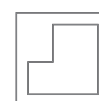


1:1

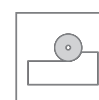
Cutters



Grooving



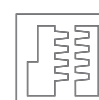
Rebating



Planing



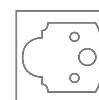
Profiling



Jointing



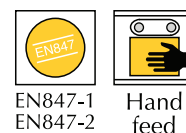
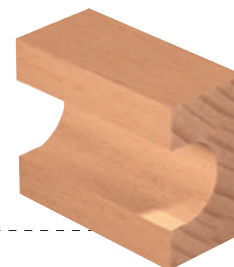
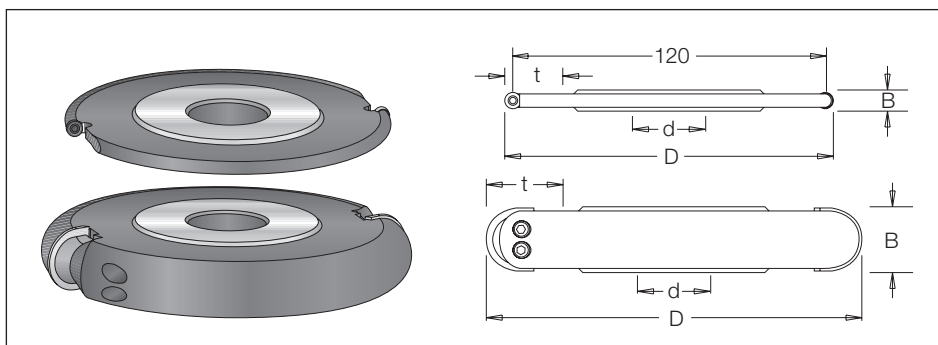
Door Frame
& Panel



Multi Profile

Convex Profile Cutter

Cutterhead bodies in hard wearing aluminium or steel, complete with disposable tungsten carbide knives. Suitable for producing various radii coves or rule joints in softwood, hardwood and man-made boards on a spindle moulder. All cutterheads can be used with a 120mm bearing for cutting uniform depth profiles.



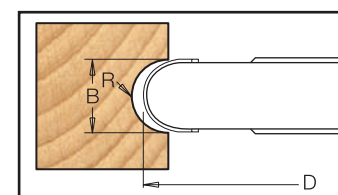
øD	B	R	Code No.	Z	ød	ød Max.	Max. t	n
126	6	3	7210301	2	30	50	28	4,500 - 10,600
128	8	4	7210311	2	30	50	29	4,500 - 10,600
130	10	5	7210321	2	30	50	30	4,500 - 10,600
132	12	6	7210331*	2	30	50	31	5,700 - 10,100
136	16	8	7210341*	2	30	50	33	5,600 - 8,400
140	20	10	7210351*	2	30	50	35	5,400 - 9,500
144	24	12	7210361*	2	30	50	37	5,300 - 9,200
150	30	15	7210371*	2	30	50	40	5,000 - 8,900

Aluminum

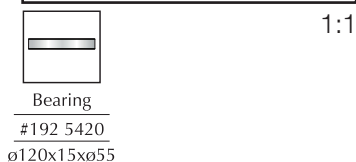
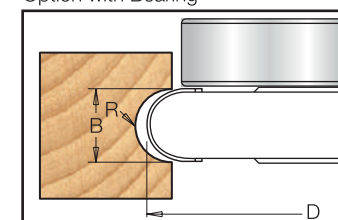
Spare parts:



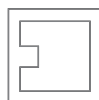
R = 3	#300 040 0 R=3	#193 420 0 M2.5x6.5	194 111 0 T7	
R = 4	#300 040 2 R=4	#193 425 0 M3x8	194 110 0 T9	
R = 5	#300 040 3 R=5	#193 430 0 M3.5x12	194 101 5 T15	
R = 6	#300 650 6 R=6	#199 050 1 L=9	#193 026 5 M6x16	194 003 5 S3
R = 8	#300 650 8 R=8	#199 050 2 L=11	#193 026 5 M6x16	194 003 5 S3
R = 10	#300 651 0 R=10	#199 050 3 L=17	#193 026 5 M6x16	194 003 5 S3
R = 12	#300 651 2 R=12	#199 050 4 L=18.3	#193 026 5 M6x16	194 003 5 S3
R = 15	#300 651 5 R=15	#199 050 5 L=24	#193 026 5 M6x16	194 003 5 S3



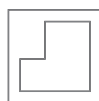
Option with Bearing



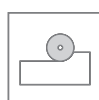
Cutters



Grooving



Rebating



Planing



Profiling



Jointing



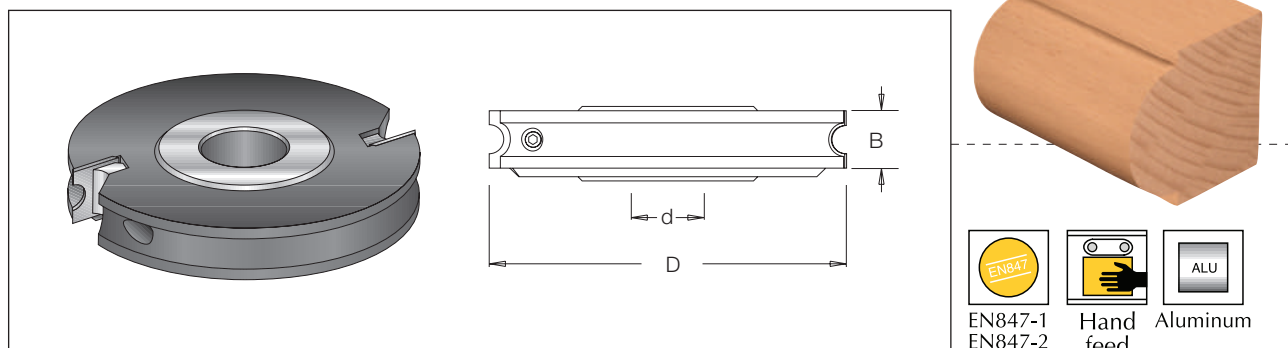
Door Frame
& Panel



Multi Profile

Concave Profile Cutter

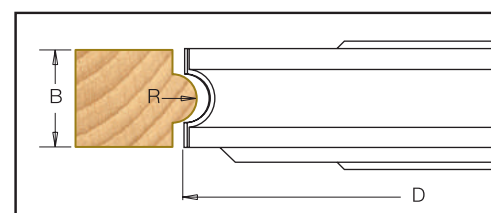
Cutterhead body in hard wearing aluminium complete with disposable tungsten carbide knives. Suitable for producing various radii beads in softwood, hardwood and man-made boards on a spindle moulder.



øD	B	R	Code No.	Z	ød	ød Max.	n
125	15	3	7526031	2	30	50	6,000 - 10,000
	15	4	7526041	2	30	50	6,000 - 10,000
	20	5	7526051	2	30	50	6,000 - 10,000
	20	6	7526061	2	30	50	6,000 - 10,000
	30	8	7526081	2	30	50	6,000 - 10,000
	30	10	7526101	2	30	50	6,000 - 10,000
	30	12	7526121	2	30	50	6,000 - 10,000
	40	15	7526151	2	30	50	6,000 - 10,000
135	50	20	7526201	2	30	50	5,500 - 9,000

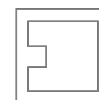
Spare parts:

				
	T.C. Blade	Wedge	Allen screw	Allen Key
R = 3	#312 400 3 R3	#199 032 6 L=14	#193 026 5 M6x16	#194 003 5 S3
R = 4	#312 400 4 R4	#199 032 6 L=14	#193 026 5 M6x16	#194 003 5 S3
R = 5	#312 400 5 R5	#199 032 7 L=17	#193 026 5 M6x16	#194 003 5 S3
R = 6	#312 400 6 R6	#199 032 7 L=17	#193 026 5 M6x16	#194 003 5 S3
R = 8	#312 400 8 R8	#199 046 5 L=24	#193 026 5 M6x16	#194 003 5 S3
R = 10	#312 401 0 R10	#199 046 5 L=24	#193 026 5 M6x16	#194 003 5 S3
R = 12	#312 401 2 R12	#199 046 6 L=24	#193 026 5 M6x16	#194 003 5 S3
R = 15	#312 401 5 R15	#199 046 1 L=38	#193 026 5 M6x16	#194 003 5 S3
R = 20	#312 402 0 R20	#199 045 0 L=46	#193 026 5 M6x16	#194 003 5 S3

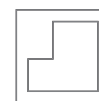


1:1

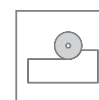
Cutters



Grooving



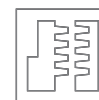
Rebating



Planing



Profiling



Joining



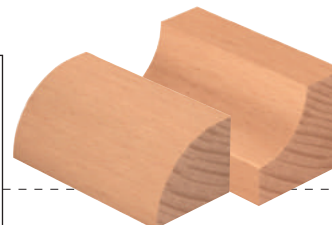
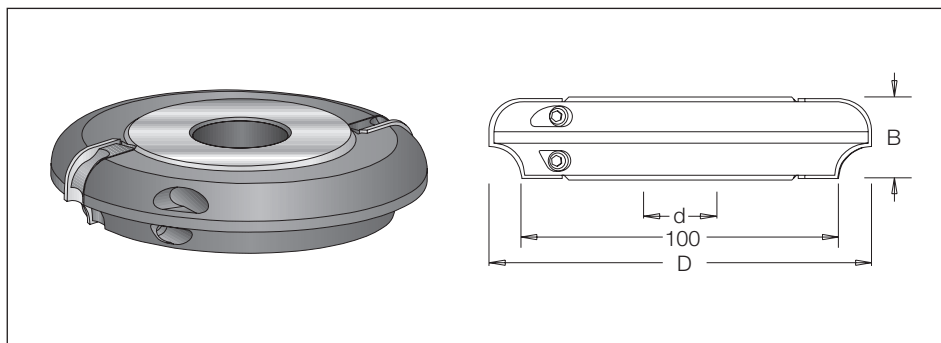
Door Frame
& Panel



Multi Profile

Corner Round / Cove Cutter

Cutterhead body in hard wearing aluminium, complete with disposable tungsten carbide knives. Suitable for rounding over and producing matching cove joints in softwood, hardwood and man-made boards on a spindle moulder. All cutterheads can be used with a 100mm bearing for cutting uniform depth profiles.



EN847-1
EN847-2



Hand
feed



Aluminum

øD	R	Code No.	Z	B	ød	ød Max.	n
106	3	7511031	2	20	30	50	7,300 - 10,100
110	5	7511051	2	20	30	50	7,000 - 9,900
112	6	7511061	2	20	30	50	6,900 - 9,700
116	8	7511081	2	20	30	50	6,600 - 9,500
120	10	7511101	2	25	30	50	6,400 - 10,000
124	12	7511121	2	30	30	50	6,200 - 9,800
130	15	7511151	2	35	30	50	5,900 - 9,500
140	20	7511201	2	50	30	50	5,500 - 9,000
150	25	7511251	2	60	30	50	5,100 - 6,000
153	30*	7511301	2	60	30	50	4,900 - 5,800

⚠ Can be used with ball bearing ø100 code No. 191 540 1.
* The radius is not Complete.

Spare parts:



T.C. Blade



Wedge

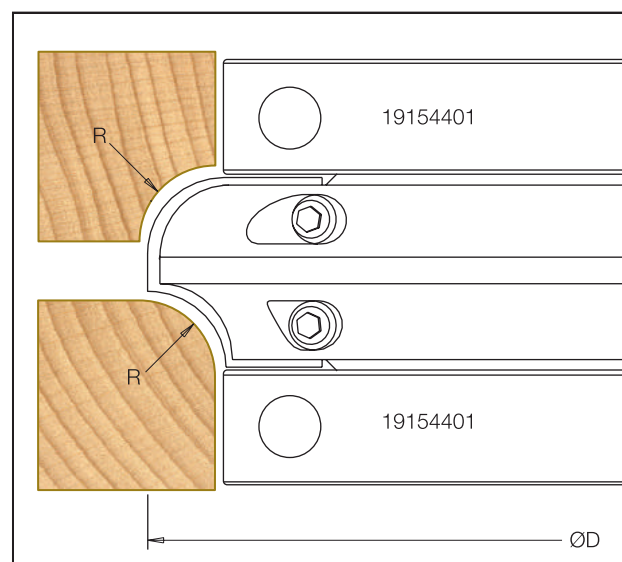


Allen screw

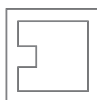


Allen key

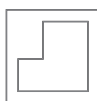
R = 3	#310 894 4 R3	#199 091 0 L=18	#193 026 5 M6x16	#194 003 5 S3
R = 5	#310 894 6 R5	#199 091 0 L=18	#193 026 5 M6x16	#194 003 5 S3
R = 6	#310 894 7 R6	#199 091 0 L=18	#193 026 5 M6x16	#194 003 5 S3
R = 8	#310 894 9 R8	#199 091 0 L=18	#193 026 5 M6x16	#194 003 5 S3
R = 10	#310 895 0 R10	#199 092 0 L=23	#193 026 5 M6x16	#194 003 5 S3
R = 12	#310 895 2 R12	#199 092 5 L=28	#193 026 5 M6x16	#194 003 5 S3
R = 15	#310 895 3 R15	#199 093 0 L=33	#193 026 5 M6x16	#194 003 5 S3
R = 20	#310 895 4 R20	#199 094 0 L=48	#193 026 5 M6x16	#194 003 5 S3
R = 25	#310 895 5 R25	#199 095 0 L=58	#193 026 5 M6x16	#194 003 5 S3
R = 30	#310 895 6 R30	#199 096 0 L=58	#193 026 5 M6x16	#194 003 5 S3



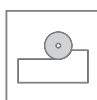
1:1



Grooving



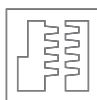
Rebating



Planing



Profiling



Jointing



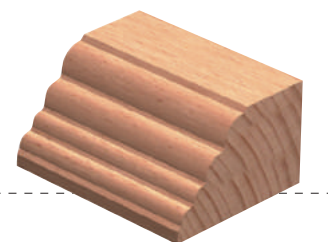
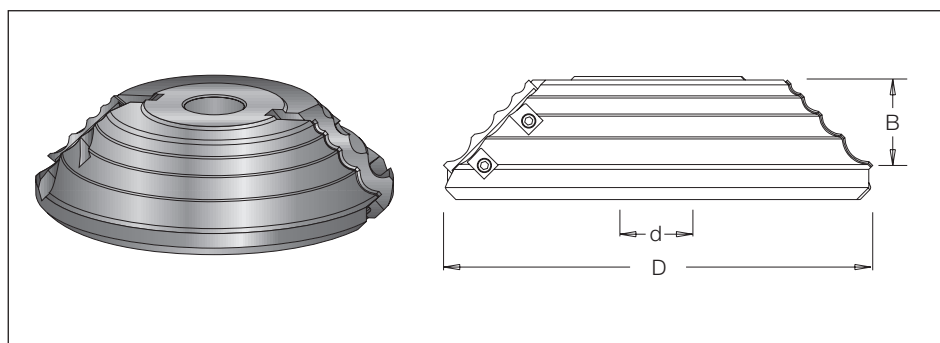
Door Frame
& Panel



Multi Profile

Multi Round Over Cutter

Cutterhead body in hard wearing aluminium, complete with disposable tungsten carbide knives. Suitable for rounding over the edge of softwood, hardwood and man-made boards on a spindle moulder. Either raising or lowering the cutterhead on the machine selects different radii.



EN847-1
EN847-2



Hand
feed



Aluminum
feed

øD	B	Code No.	R	Z	ød	ød Max.	n
140	18	7521091	2,3,5	2	30		5,400 - 8,800
180	35	7521101	4,6,8,10	2	30	50	4,500 - 7,500

Spare parts:



T.C. Blade
#310 855 0
R=2, 3, 5



Wedge
#199 048 6
L=24



Allen screw
#193 026 5
M6x16



Allen key
#194 003 5
S3

R = 2, 3, 5

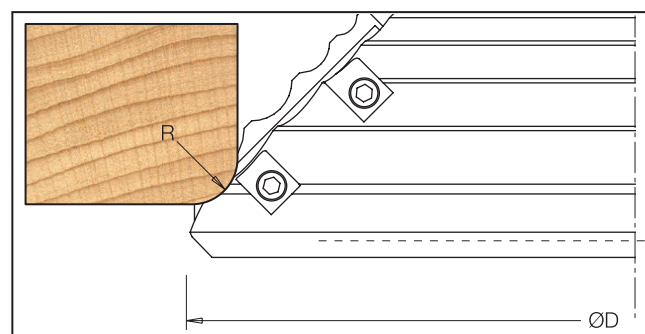
R = 4, 6, 8, 10

#310 854 9
R=4, 6, 8, 10

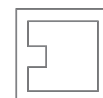
#199 048 5
L=48

#193 026 5
M6x16

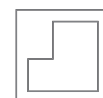
#194 003 5
S3



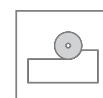
Scale 1:1



Grooving



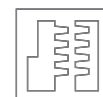
Rebating



Planing



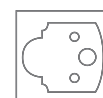
Profiling



Jointing



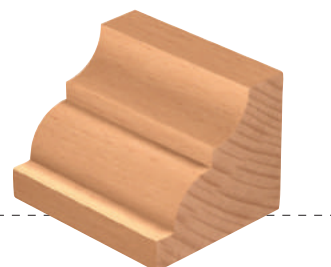
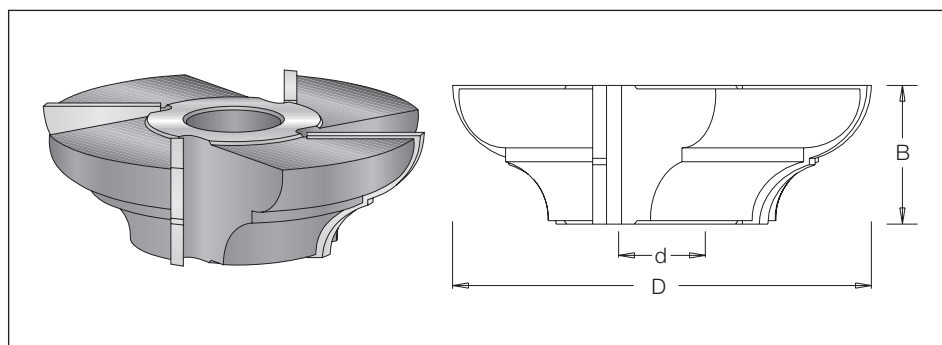
Door Frame
& Panel



Multi Profile

Custom Made Profile Cutters - Order Instructions

Hard wearing steel body, red paint coated. Complete with tungsten carbide brazed knives. Profiles according to customer demands, mainly suitable for soft and hardwood.



Hand feed

Diameter	80	100	125	150	180	200
Teeth	2,3,4	2,3,4	2,3,4,6	2,3,4,6	2,3,4,6	2,3,4,6
Width (mm)	15 20 25 30	35 40 45 50	60 70 80 90	100		

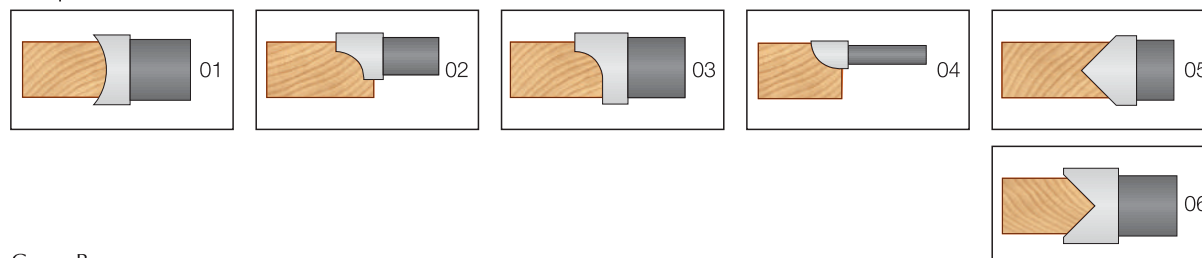
Scheme



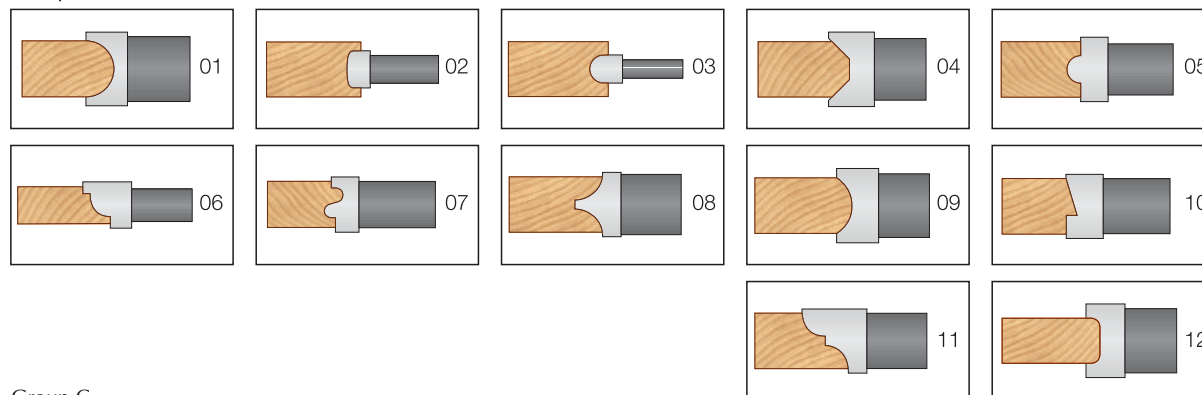
! Profile Cutters are made to order.
The division of three main groups as an indication only.

When ordering please state:
1. Group
2. Profile number in the group
3. Diameter
4. Number of teeth
5. Cutting width
6. Scheme.
Standard bore 30mm, others on order.

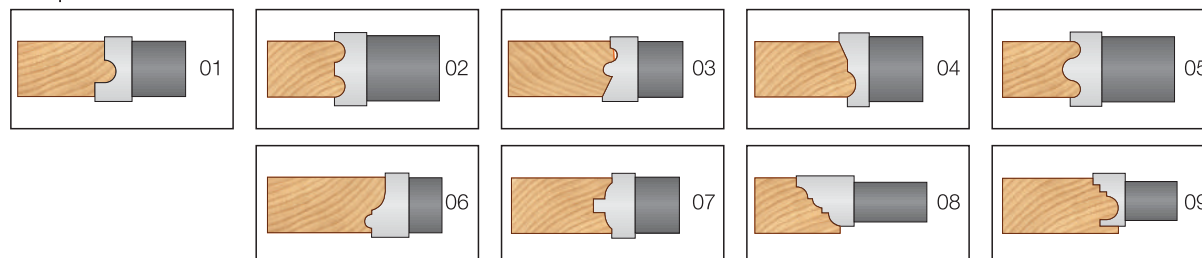
Group A



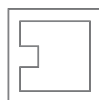
Group B



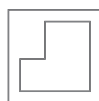
Group C



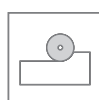
Cutters



Grooving



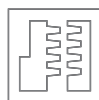
Rebating



Planing



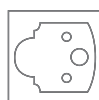
Profiling



Jointing



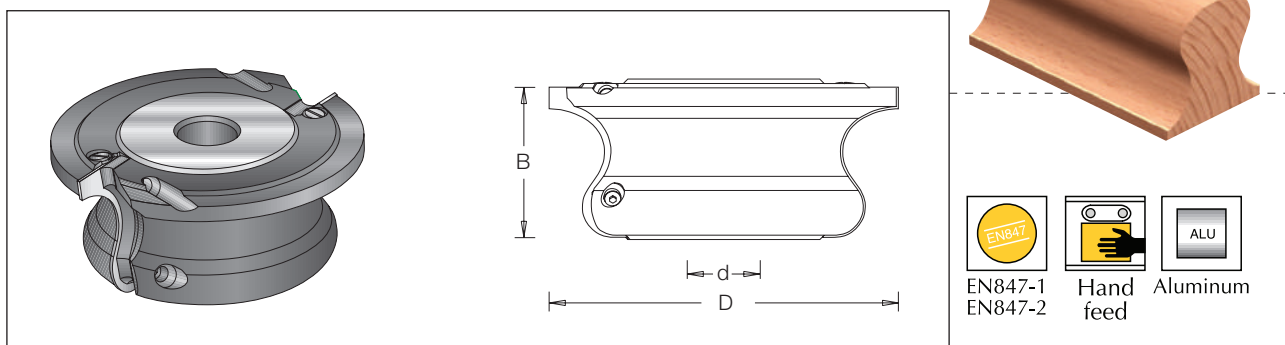
Door Frame
& Panel



Multi Profile

Handrail Cutter

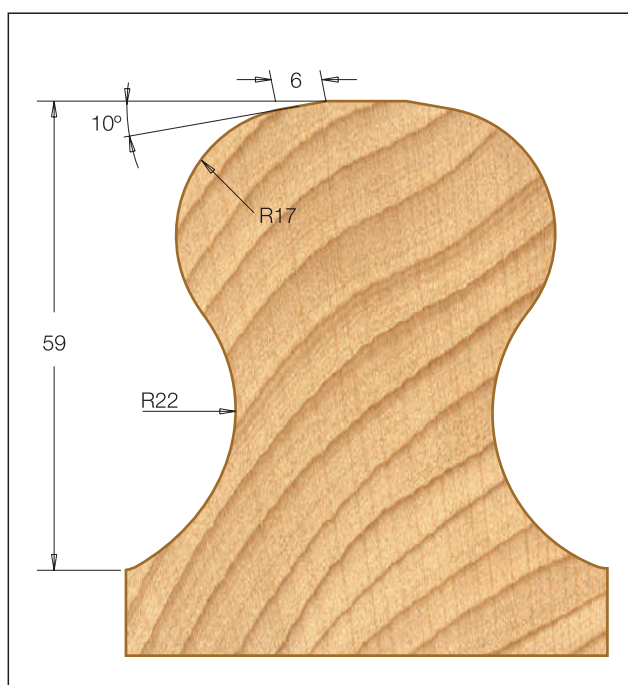
Cutterhead bodies in hard wearing aluminium, complete with disposable tungsten carbide knives. Suitable for producing two different handrail profiles for stairs and banisters in solid softwood or hardwood on a spindle moulder.



øD	B	Code No.	Profile	Z	ød	ød Max.	n
130	70	7525101	A	2	30	40	5,800 - 7,700
160	70	7525151	B	2	30	50	4,700 - 7,200

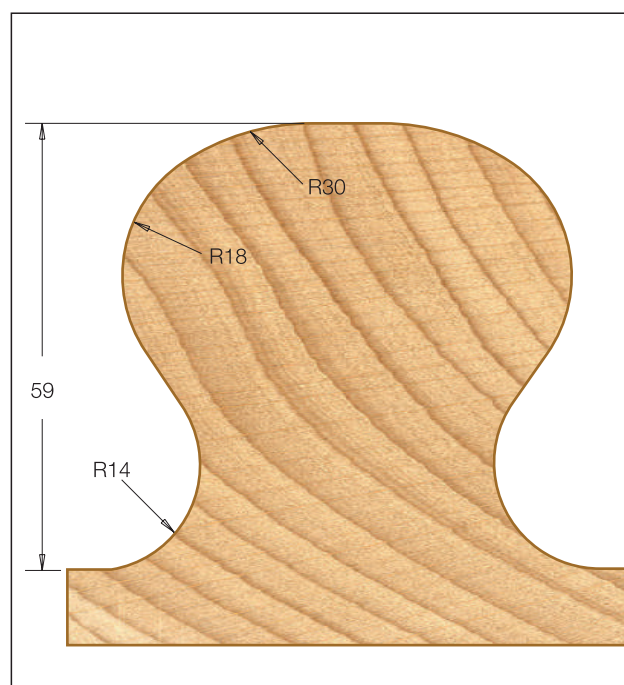
Spare parts:

Profile A	T.C. Blade #310 887 0 69.5x33.5x2	Wedge #199 085 0 L=63	Allen screw #193 026 7 M8x16	Allen key #194 003 6 S4
Profile B	#310 887 1 70x34x2	#199 086 0 L=65	#193 026 7 M8x16	#194 003 6 S4

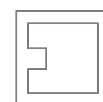


Scale 1:1

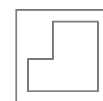
Profile A



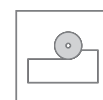
Profile B



Grooving



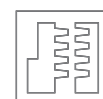
Rebating



Planing



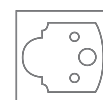
Profiling



Joining



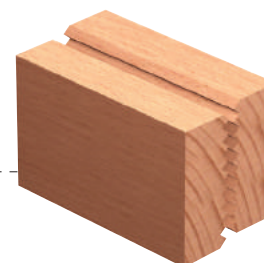
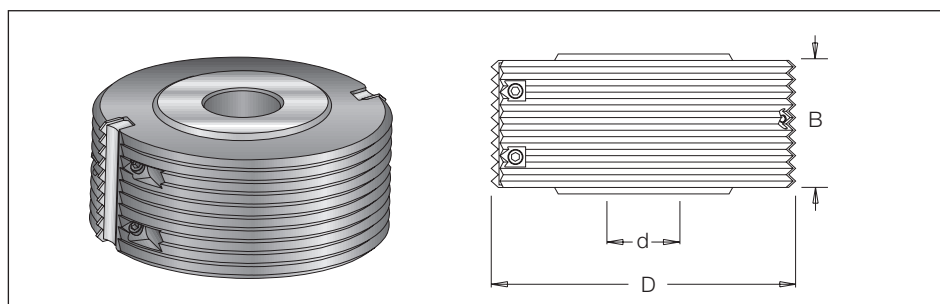
Door Frame
& Panel



Multi Profile

Glue Joint Cutter

Cutterhead bodies in hard wearing aluminium, complete with disposable tungsten carbide knives. Suitable for producing glue joints in softwood, hardwood and man-made boards on a spindle moulder.



EN847-1
EN847-2



Hand
feed



Aluminum

øD	B	Code No.	Z	ød	ød Max.	n
90	50	7410001	2	30	50	8,500 - 12,000
120	50	7410011	2	30	50	6,100 - 10,000

Spare parts:



T.C. Blade
#310 850 7
50x12x1.5



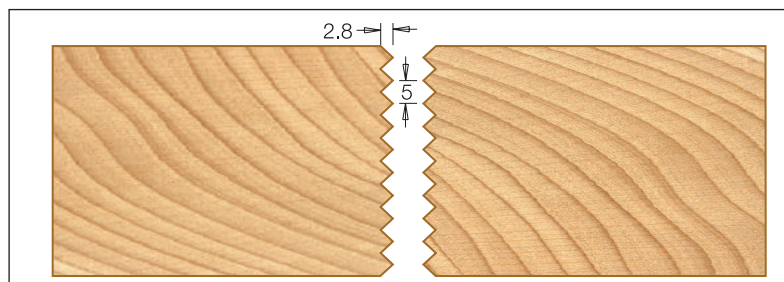
Wedge
#199 049 5
L=48



Allen screw
#193 049 5
M6x12



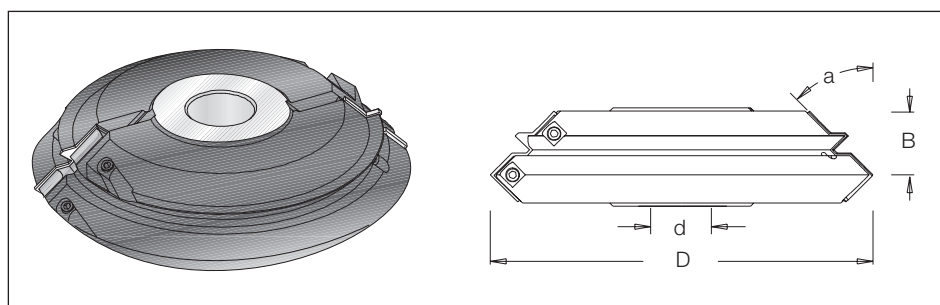
Allen key
194 003 5
S3



Scale1:1

Disposable Insert 45° Mitre Lock Cutter

Hard wearing aluminium body complete with two disposable tungsten carbide knives. Suitable for producing 45° mitre lock joints in softwood, hardwood and man-made boards on a spindle moulder. Can also be used for jointing horizontal pieces of timber.



EN847-1
EN847-2



Hand
feed



Aluminum

øD	B	a	Code No.	Z	ød	ød Max.	n
170	28	45°	7410031	2	30	50	4,500 - 7,900

Spare parts:



T.C. Blade
#372 356 0
40x23x2



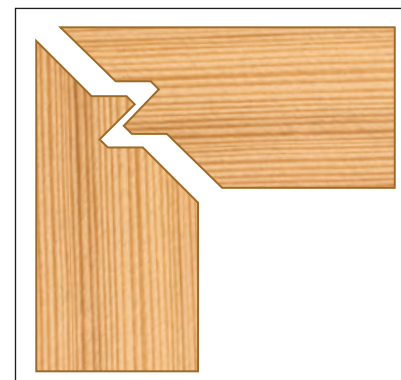
Wedge
#199 041 0
L=38



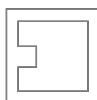
Allen screw
#193 026 0
M6x16



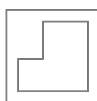
Allen key
#194 003 5
S3



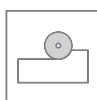
Scale1:1



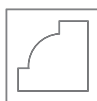
Grooving



Rebating



Planing



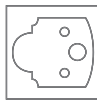
Profiling



Joining



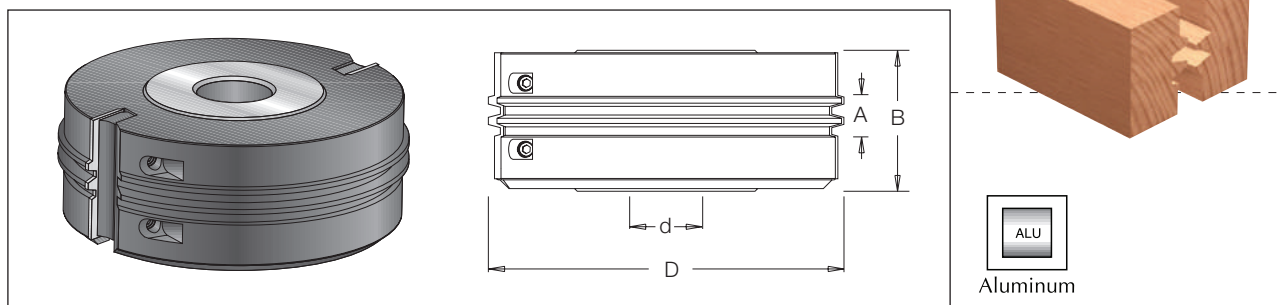
Door Frame
& Panel



Multi Profile

Glue Joint Cutter

Cutterhead bodies in hard wearing steel and aluminium complete with disposable tungsten carbide knives. Suitable for producing 'finger style' reversible glue joints in softwood, hardwood and man-made boards on a spindle moulder.



øD	B	Code No.	Z	Profile	A	ød	ød Max.	n
120	60	7410041*	2	1	8	30	50	6,500 - 9,500
140	50	7410061	2	2	16	30	50	5,400 - 8,800
	60	7410051	2	3	24	30	50	5,400 - 8,800

⚠ * Aluminum

Spare parts:



T.C. Blade



Wedge

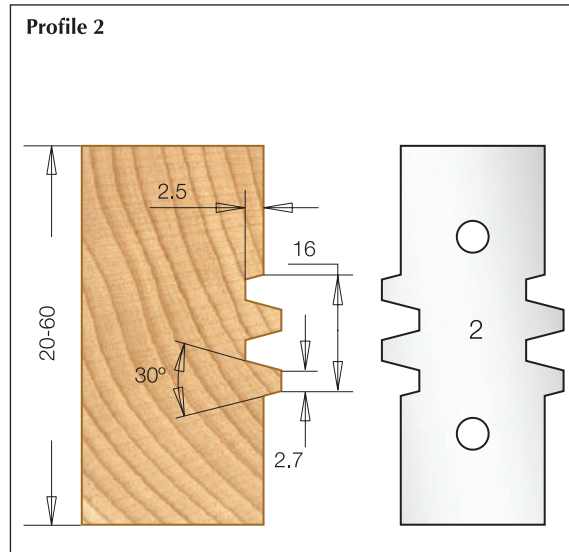


Allen screw

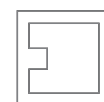
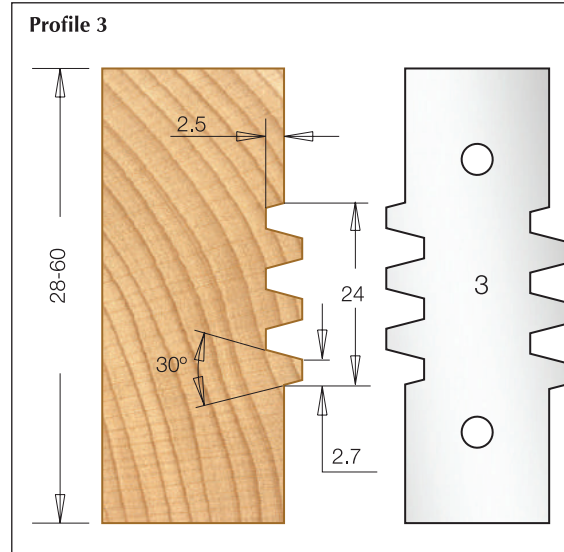
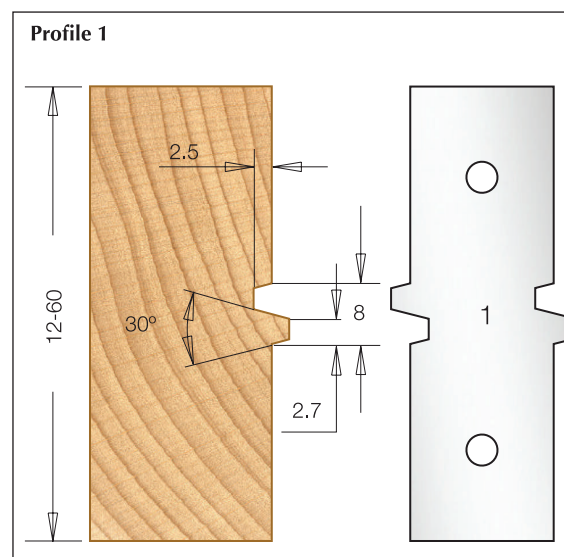


Allen key

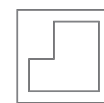
1 Teeth	#310 855 1 60x24x2	#199 037 2 L=58	#193 026 5 M6x16	#194 003 5 S3
2 Teeth	#310 855 2 50x24x2	#199 037 3 L=48	#193 026 5 M6x16	#194 003 5 S3
3 Teeth	#310 850 1 60x24x2	#199 037 2 L=58	#193 026 5 M6x16	#194 003 5 S3



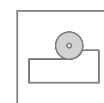
Scale 1:1



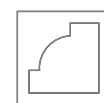
Grooving



Rebating



Planing



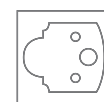
Profiling



Joining



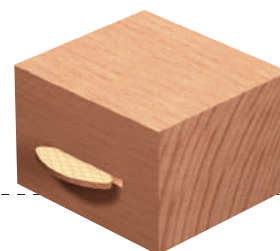
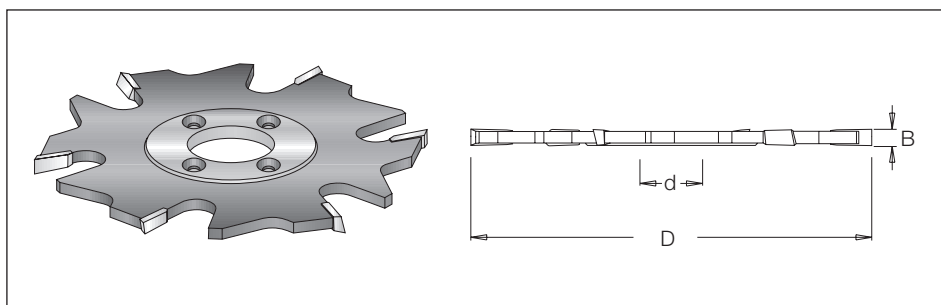
Door Frame & Panel



Multi Profile

Biscuit Jointer Cutter

Hard wearing steel tool body complete with six tungsten carbide tips (two positive and four negative angle). Suitable for producing grooves and slots in softwood, hardwood and man-made boards for biscuit jointing. For use with most biscuit jointing machines.



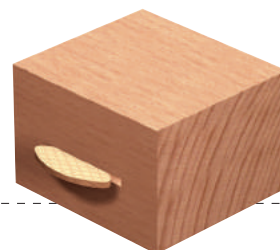
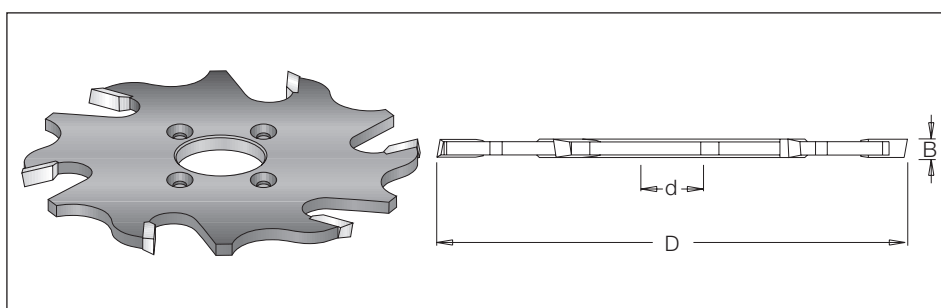
Hand feed

øD	B	Code No.	Z	ød	n
100	4	7072004	6	22	7,600 - 13,400

⚠ Cutter for joining Lamello. The width of the cutter is suited to the original Lamello joint plates.
The size of the Lamello joint plates determine the depth of the penetration.
2 Teeth positive angle.
4 Teeth negative angle.

Biscuit Jointer Cutter

Hard wearing steel tool body complete with six positive tungsten carbide tips. Suitable for producing grooves and slots in softwood, hardwood and man-made boards for biscuit jointing. For use with most biscuit jointing machines.



Hand feed

øD	B	Code No.	Z	ød	n
100	4	7072024	6	22	7,600 - 13,400

⚠ Cutter for joining Lamello. The width of the cutter is suited to the original Lamello joint plates.
The size of the Lamello joint plates determine the depth of the penetration.
All teeth positive angle.



Grooving



Rebating



Planing



Profiling



Jointing



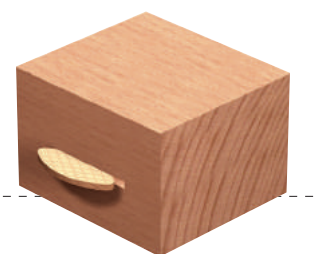
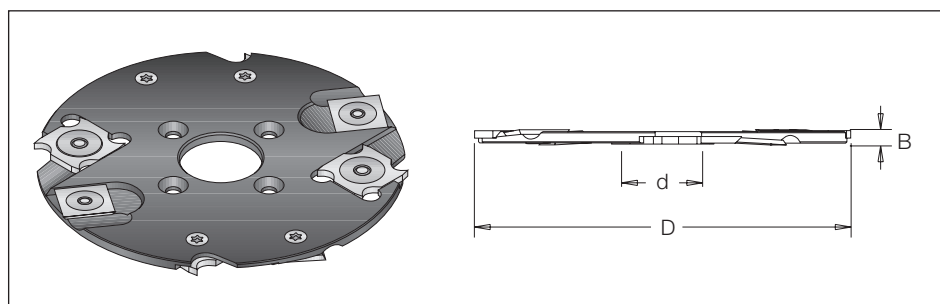
Door Frame
& Panel



Multi Profile

Biscuit Joiner Cutter

Hard wearing steel body complete with disposable tungsten carbide knives and scorers. Suitable for producing grooves and slots in softwood, hardwood and man-made boards for biscuit jointing. For use with most biscuit jointing machines.



øD	B	Code No.	Z	ød	n
100	4	7210204	4+4	22	7,600 - 13,400

Spare parts:



T.C. Blade
#300 850 1
18x18x2



T.C. Blade
#300 850 2
14x14x1.2



T.C. Blade Nut
#192 350 0
M4x0.5x11.1



T.C. Blade Nut
#192 360 0
M4x0.5x9.9



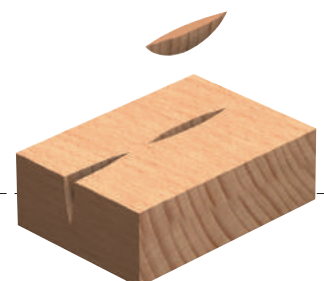
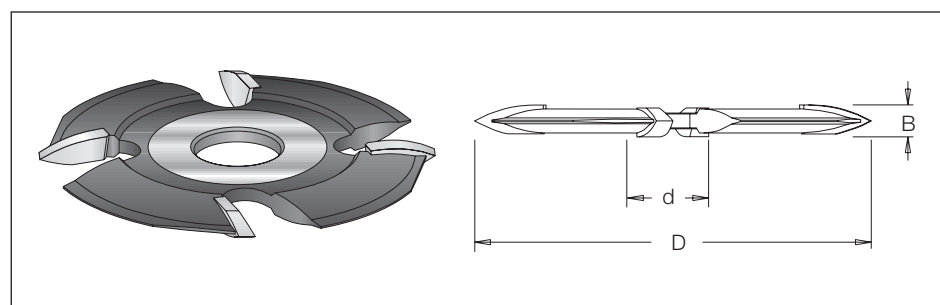
Torx screw
#193 028 0
M4x3.2



Torx key
194 110 0
T9

Resin Pocket Cutters

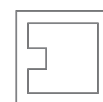
Hard wearing steel tool body complete with four tungsten carbide tips. Suitable for producing grooves and slots in softwood and hardwood for hiding ugly resin spots or knots.



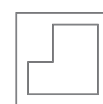
øD	B	Code No.	Z	ød	n
100	8	7075204	4	22	7,600 - 13,400
	15	7075254	4	22	7,600 - 13,400



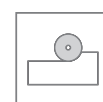
Cutter for manual feed. Mini-spot cutters designed for cutting out the resin pockets.



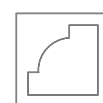
Grooving



Rebating



Planing



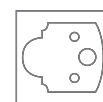
Profiling



Joining



Door Frame
& Panel

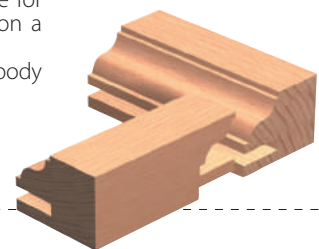
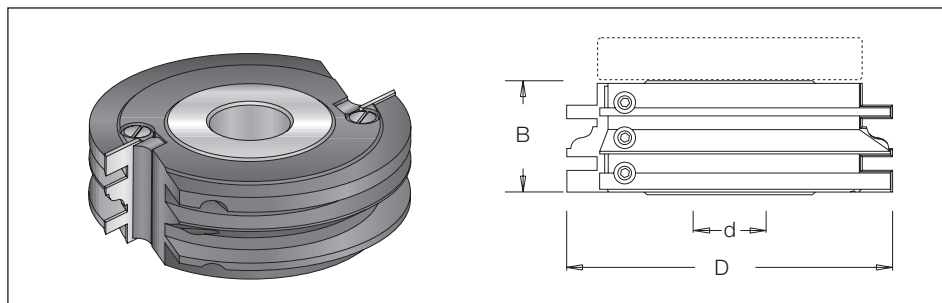


Multi Profile

Tongue & Groove Cutter (Max. 27mm)

Cutterhead in hard wearing aluminium, complete with disposable tungsten carbide knives. Suitable for producing various profile / counter profile joints in softwood, hardwood and man-made boards on a spindle moulder.

Raising or lowering the cutter on the spindle moulder produces both parts of the joint. Same tool body accepts all four different profiles.



øD	B	Code No.	Profile	Z	ød	ød Max.	n
120	40	7420311	1	2	30	40	5,000 - 8,400
	40	7420321	2	2	30	40	5,000 - 8,400
	40	7420331	3	2	30	40	5,000 - 8,400
	40	7420341	4	2	30	40	5,000 - 8,400

Spare parts:



T.C. Blade



Wedge



Allen screw

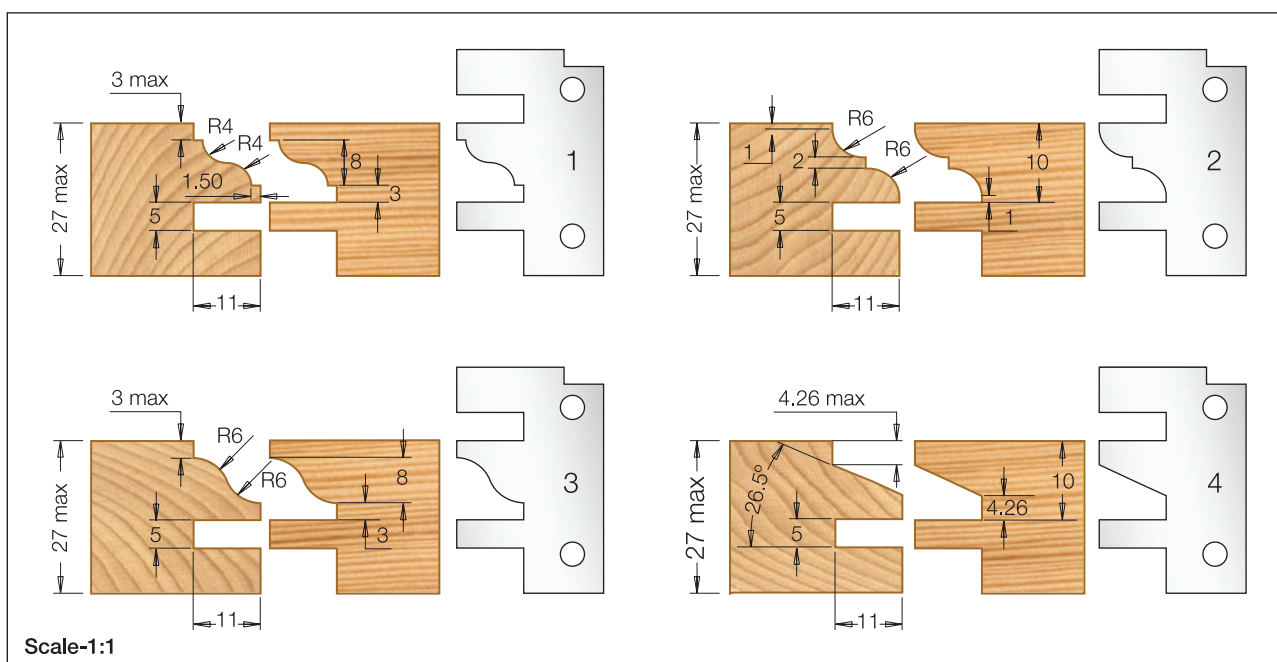


Allen key

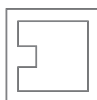


Ball Bearing

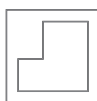
Profile 1	#310 865 6 40x26x2	#199 042 5 L=38	#193 026 5 M6x16	#194 003 5 S3	#191 520 1 98x30x15
Profile 2	#310 866 6 40x26x2	#199 042 5 L=38	#193 026 5 M6x16	#194 003 5 S3	
Profile 3	#310 867 5 40x26x2	#199 042 5 L=38	#193 026 5 M6x16	#194 003 5 S3	
Profile 4	#310 868 6 40x26x2	#199 042 5 L=38	#193 026 5 M6x16	#194 003 5 S3	



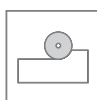
Scale-1:1



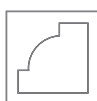
Grooving



Rebating



Planing



Profiling



Jointing



Door Frame
& Panel



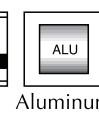
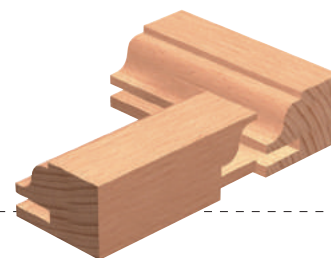
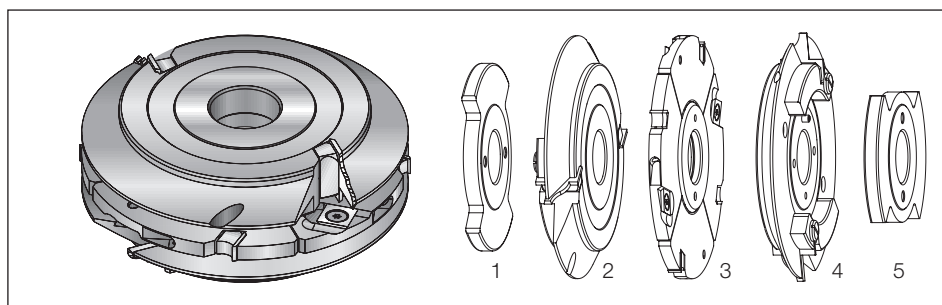
Multi Profile

Cutters

Door Frame & Panel

Counter - Profile Cutters Set (22-48mm)

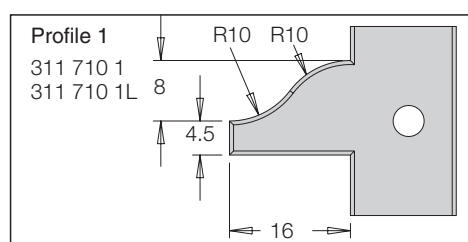
Cutterhead set in hard wearing aluminium, complete with disposable tungsten carbide knives. Suitable for producing various profile /counter profile joints in softwood, hardwood and man-made boards by using combinations of the supplied cutters. Max wood thickness 48 mm.



Profile 1

Set No.	øD	Code No.	Cutters in set	B	Frame type	t	n
Set 1	142	7426811	1x2,2,3,4	40-48	1, 2	16	5600-9500

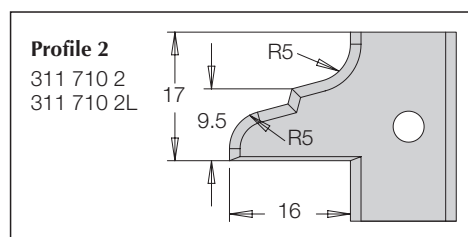
øD	B	Code No.	Cutter No.	Profile	z	ød
108	10	7420841	1			30
142	25	7420821	2	1L	2	30
142	8-15	7420831	3		4+4	30
142	25	7420811	4	1R	2	30



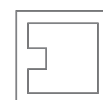
Profile 2

Set No.	øD	Code No.	Cutters in set	B	Frame type	t	n
Set 2	142	7426821	1x2,2,3,4	40-48	1, 2	16	5600-9500

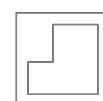
øD	B	Code No.	Cutter No.	Profile	z	ød
108	10	7420841	1			30
142	25	7422821	2	2L	2	30
142	8-15	7420831	3		4+4	30
142	25	7422811	4	2R	2	30



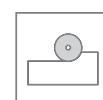
Cutters



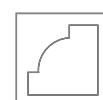
Grooving



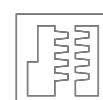
Rebating



Planing



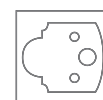
Profiling



Jointing



Door Frame
& Panel



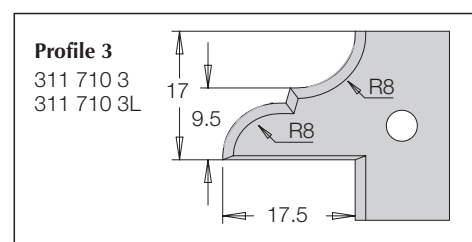
Multi Profile

Counter - Profile Cutters Set

Profile 3

Set No.	øD	Code No.	Cutters in set	B	Frame type	t	n
Set 3	142	7426831	1x2,2,3,4	40-48	1, 2	16	5,600-9,500

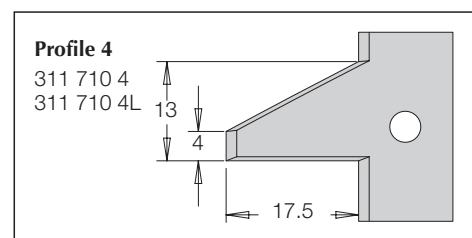
øD	B	Code No.	Cutter No.	Profile	z	ød
108	10	7420841	1			30
142	25	7423821	2	3L	2	30
142	8-15	7420831	3		4+4	30
142	25	7423811	4	3R	2	30



Profile 4

Set No.	øD	Code No.	Cutters in set	B	Frame type	t	n
Set 4	142	7426841	1x2,2,3,4	40-48	1, 2	16	5,600-9,500

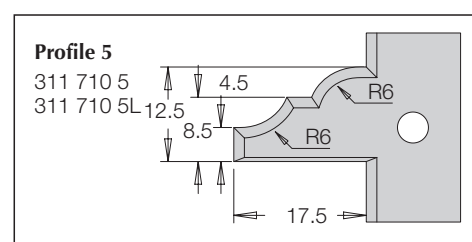
øD	B	Code No.	Cutter No.	Profile	z	ød
108	10	7420841	1			30
142	25	7424821	2	4L	2	30
142	8-15	7420831	3		4+4	30
142	25	7424811	4	4R	2	30



Profile 5

Set No.	øD	Code No.	Cutters in set	B	Frame type	t	n
Set 5	142	7426851	1x2,2,3,4	40-48	1, 2	16	5,600-9,500

øD	B	Code No.	Cutter No.	Profile	z	ød
108	10	7420841	1			30
142	25	7425821	2	5L	2	30
142	8-15	7420831	3		4+4	30
142	25	7425811	4	5R	2	30



Cutters



Grooving



Rebating



Planing



Profiling



Jointing



Door Frame
& Panel

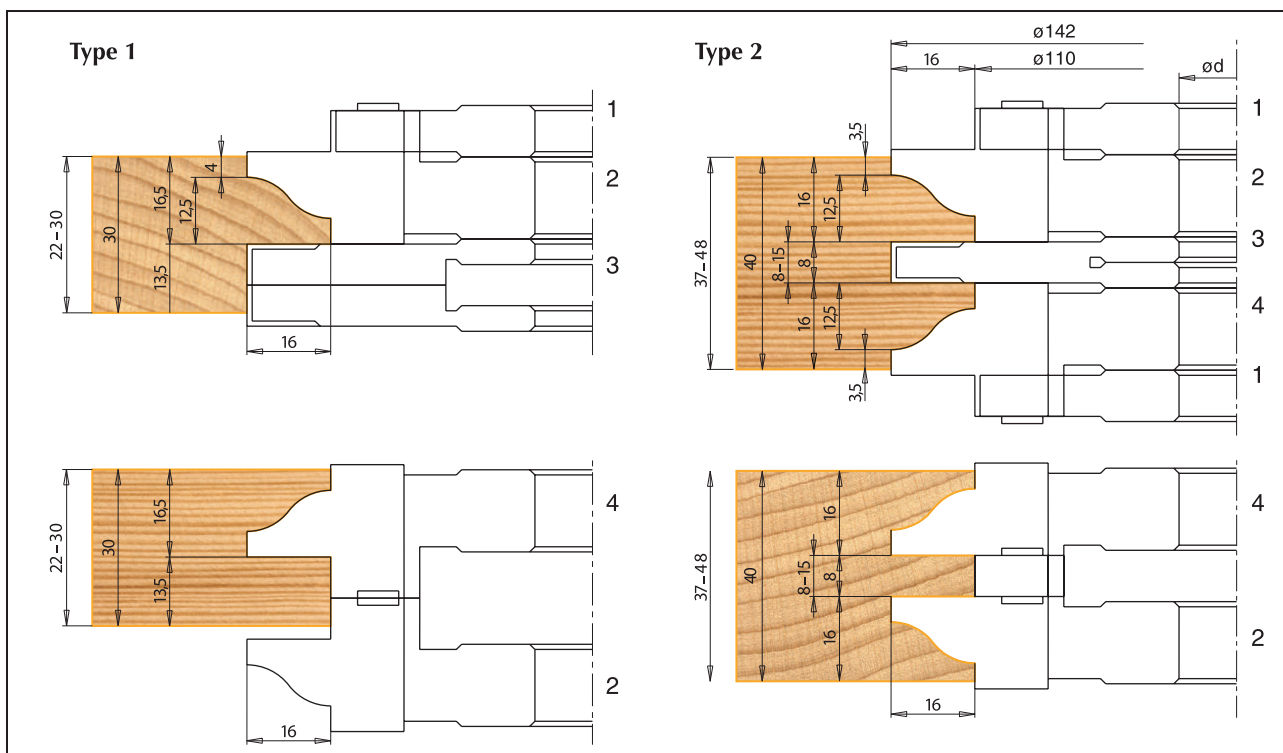
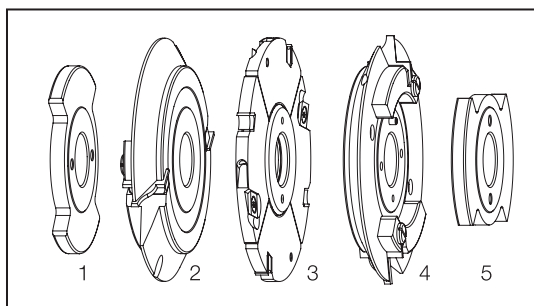


Multi Profile

Cutters

Door Frame & Panel

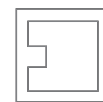
Counter - Profile Cutters Set



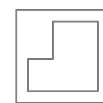
Spare parts:

Cutter 2									
	T.C. Blade Profile 1	T.C. Blade Profile 2	T.C. Blade Profile 3	T.C. Blade Profile 4	T.C. Blade Profile 5	Wedge	Allen screw	Allen screw	Allen key
	#311 710 1	#311 710 2	#311 710 3	#311 710 4	#311 710 5	#199 060 4	#193 049 5	#193 073 5	#194 003 5
	25x30x2	25x30x2	25x30x2	25x30x2	25x30x2	L=22	M6x12	M4x6	S3
Cutter 3									
	T.C. Blade	Wedge	Allen screw	T.C. Blade	Torx key	Allen key			
	#310 751 2	#199 031 0	#193 060 0	#300 850 3	#194 107 0	#194 008 0			
	7.5x12x1.5	L=6.5	M5x16	14x14x2	T25	S2.5			
Cutter 4									
	T.C. Blade Profile 1	T.C. Blade Profile 2	T.C. Blade Profile 3	T.C. Blade Profile 4	T.C. Blade Profile 5	Wedge	Allen screw	Allen screw	Allen key
	#311 710 1L	#311 710 2L	#311 710 3L	#311 710 4L	#311 710 5L	#199 060 4	#193 049 5	#193 073 5	#194 003 5
	25x30x2	25x30x2	25x30x2	25x30x2	25x30x2	L=22	M6x12	M4x6	S3
									
	Spacer	Space set							
	192 796 1	#192 789 1							
	60x30x10								

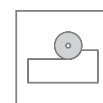
Cutters



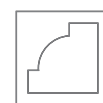
Grooving



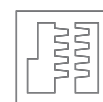
Rebating



Planing



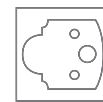
Profiling



Jointing



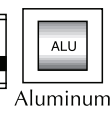
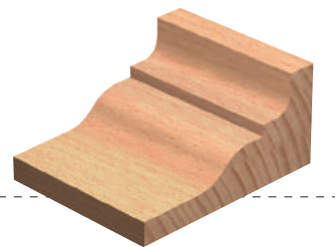
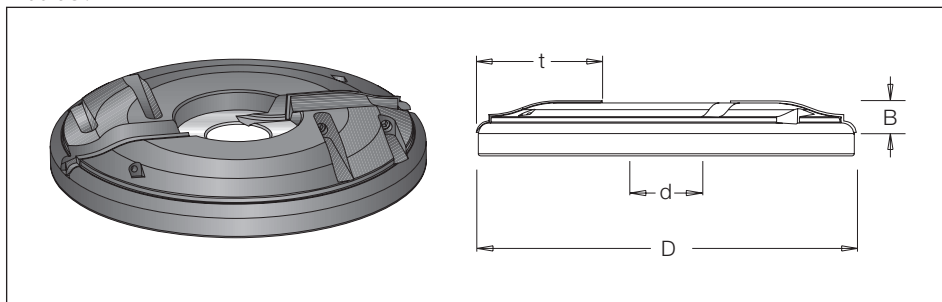
Door Frame & Panel



Multi Profile

Raised Panel Cutter

Cutterhead in hard wearing aluminium, complete with disposable tungsten carbide knives. Suitable for producing raised panel profiles in softwood, hardwood and man-made boards on a spindle moulder.

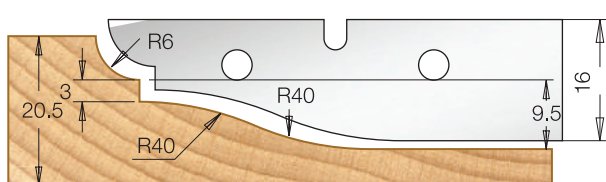


øD	B	Code No.	Z	Max.t	ød	ød Max.	n
180	25	7510081	2	57	30	40	4,500 - 7,500

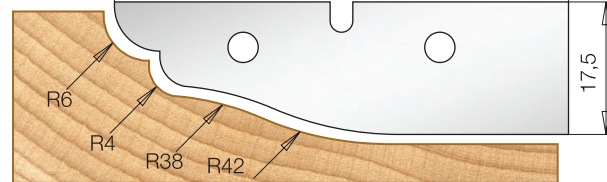
Spare parts:

T.C. Blade Profile 1 #310 853 9 60x16x2	T.C. Blade Profile 2 #310 854 0 60x17.5x2	T.C. Blade Profile 3 #310 854 1 60x17.5x2	T.C. Blade Profile 4 #310 854 2 60x17.7x2	T.C. Blade Profile 5 #310 854 3 60x17.7x2	T.C. Blade Profile 6 #310 854 4 60x16x2	T.C. Blade Profile 7 #310 854 5 60x16x2	T.C. Blade Profile 8 #310 810 1 60x16x2
Wedge #199 049 0 L = 57.5	Allen screw #193 026 5 M6x16	Allen key #194 003 4 S3					

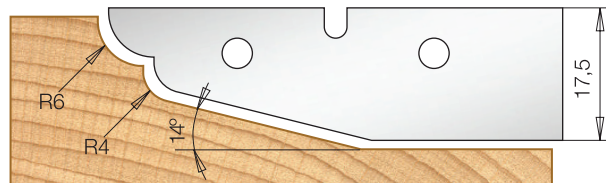
Profile 1



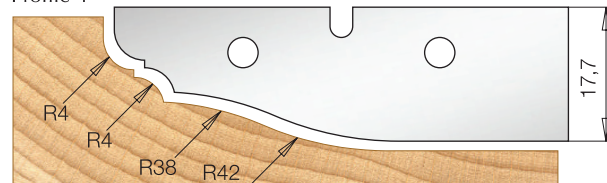
Profile 2



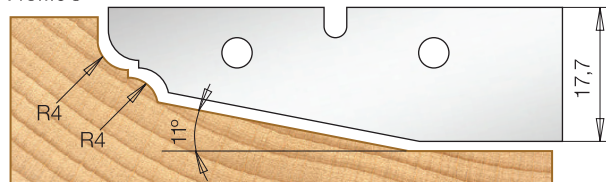
Profile 3



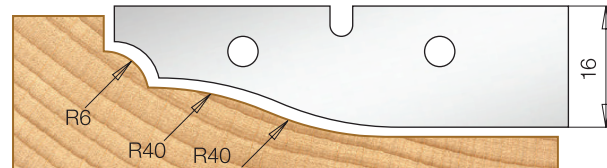
Profile 4



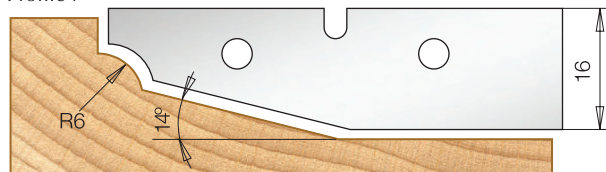
Profile 5



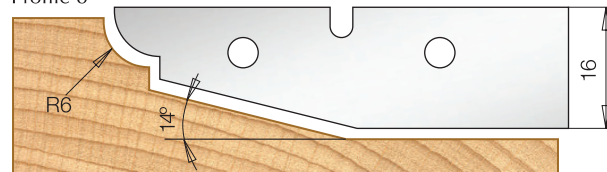
Profile 6



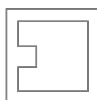
Profile 7



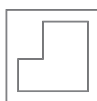
Profile 8



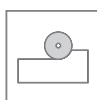
scale-1:1



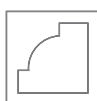
Grooving



Rebating



Planing



Profiling



Joining



Door Frame
& Panel



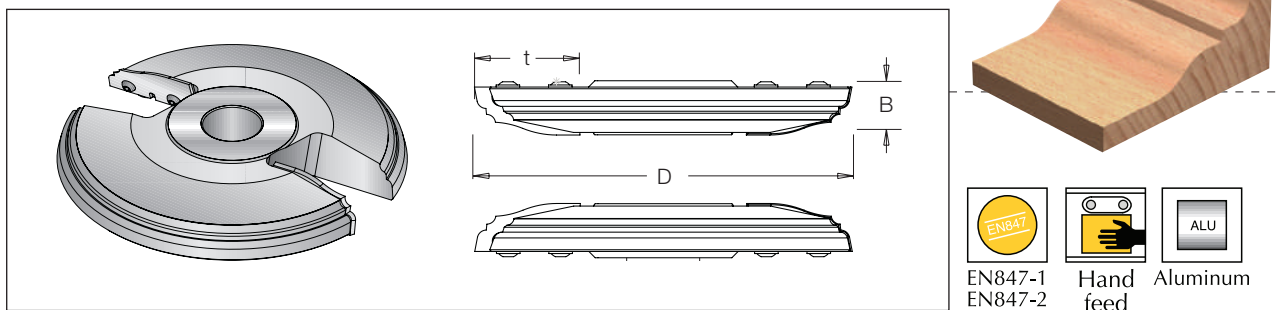
Multi Profile

Cutters

Door Frame & Panel

Raised Panel Cutter

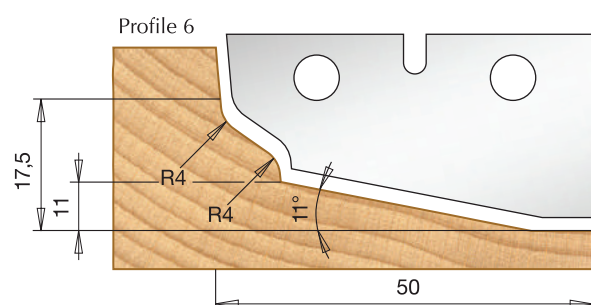
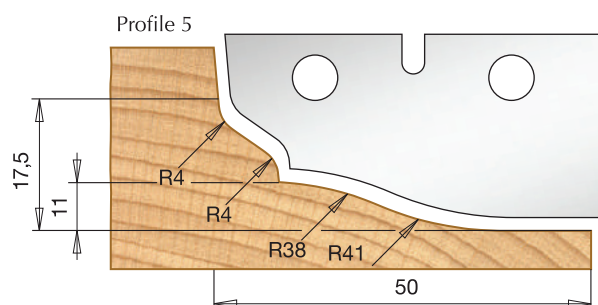
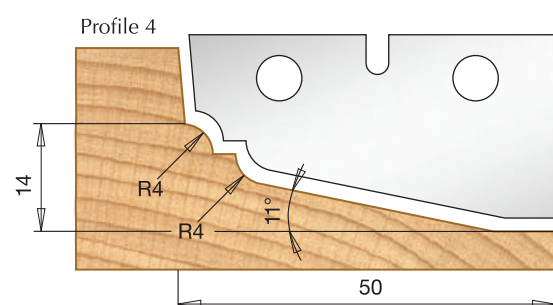
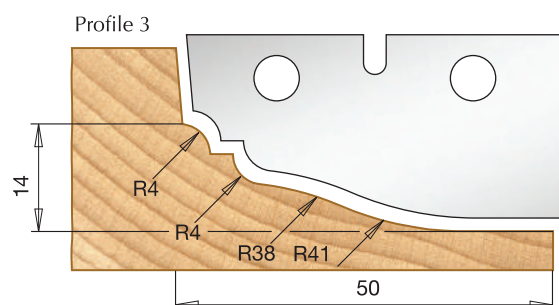
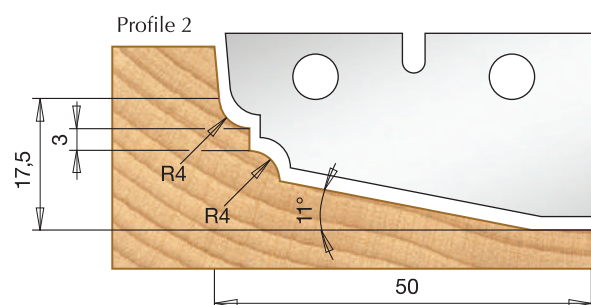
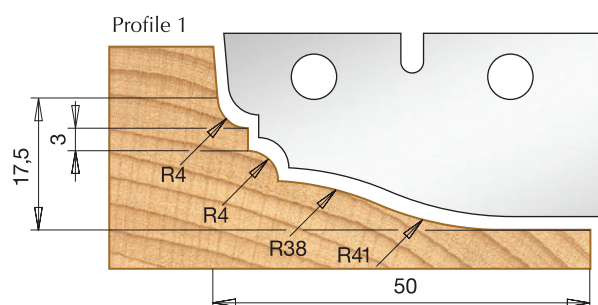
Cutterhead in hard wearing aluminium, complete with disposable tungsten carbide knives. Suitable for producing raised panel profiles in softwood, hardwood and man-made boards on a spindle moulder.



øD	B	Version	Code No.	Z	ød	Max. t	n
180	26	Top	7510401	2	30	50	4,200 - 7,000
180	26	Bottom	7510451	2	30	50	4,200 - 7,000

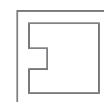
Spare parts:

Version Top	T.C. Blade Profile 1	T.C. Blade Profile 2	T.C. Blade Profile 3	T.C. Blade Profile 4	T.C. Blade Profile 5	T.C. Blade Profile 6	Allen screw #193 078 5 M5x8	Allen key #194 003 5 S3
Version Bottom	#310 812 0 L 50x25x2	#310 813 0 L 50x25x2	#310 810 8 L 50x25x2	#310 813 1 L 50x25x2	#310 811 3 L 50x25x2	#310 813 2 L 50x25x2		

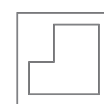


scale-1:1

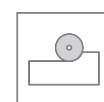
Cutters



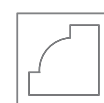
Grooving



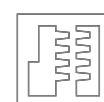
Rebating



Planing



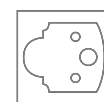
Profiling



Jointing



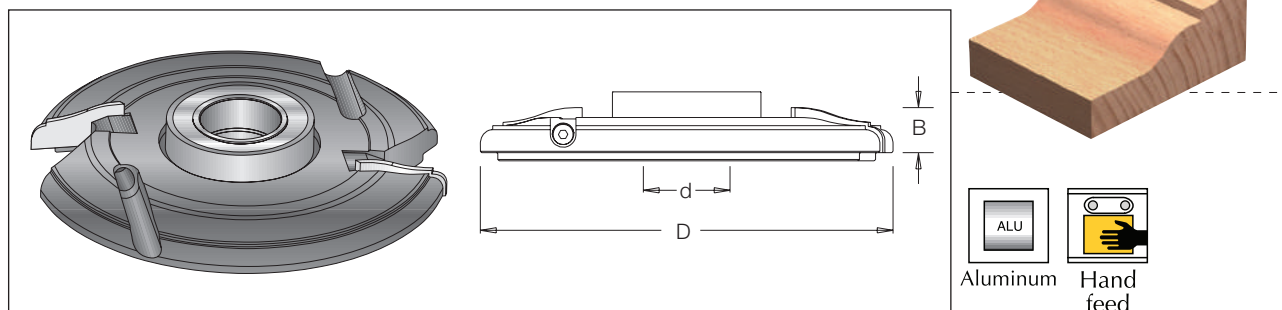
Door Frame & Panel



Multi Profile

Raised Panel Cutter

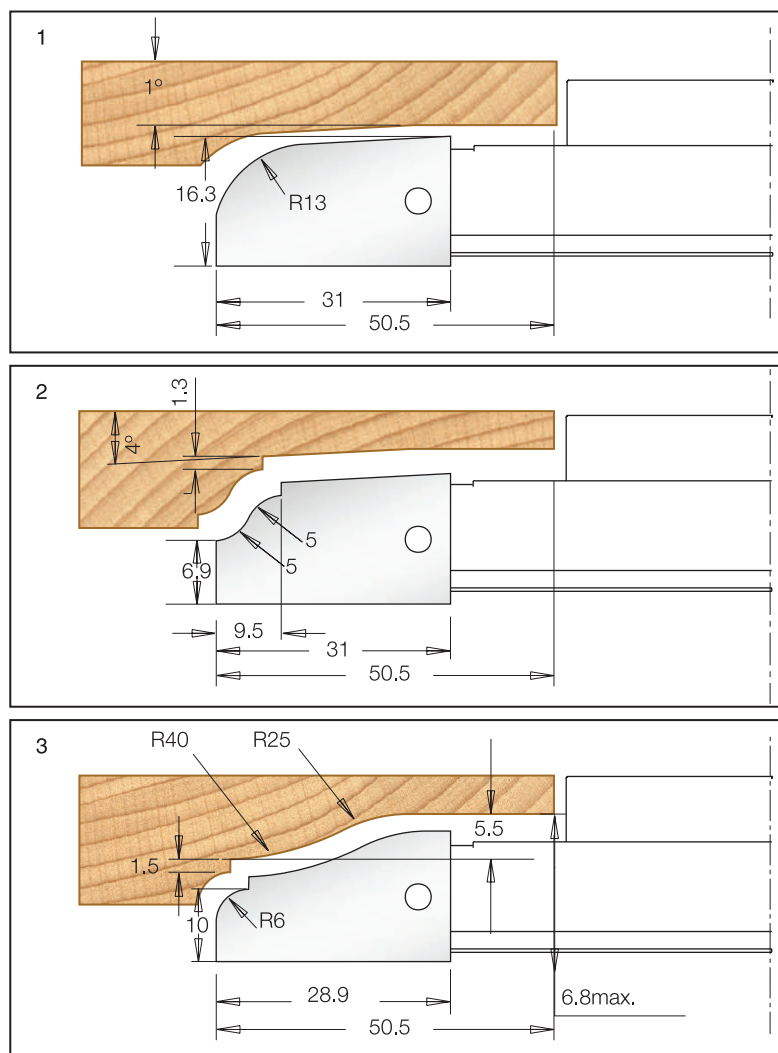
Cutterhead in hard wearing aluminium, complete with disposable tungsten carbide knives. Suitable for producing various panel profiles in softwood, hardwood and man-made boards on a spindle moulder. Same tool body accepts all three different profiles.



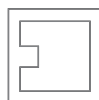
øD	B	Code No.	Profile	ød	n
156	17	7420271	1	30	5,000 - 9,000
	17	7420371	2	30	5,000 - 9,000
	17	7420471	3	30	5,000 - 9,000
Set	17	742 0071	1+2+3	30	5,000 - 9,000

Spare parts:

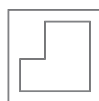
T.C. Blade Profile 1	T.C. Blade Profile 2	T.C. Blade Profile 3	Wedge
#310 831 0	#310 831 1	#310 831 2	#199 804 0
17x35x2	17x35x2	17x35x2	L=19
Allen screw	Allen key	Ball Bearing	
#193 026 7	#194 003 7	#191 023 0	
M8x16	S4	55x30x13	



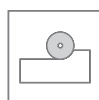
scale-1:1



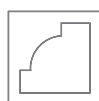
Grooving



Rebating



Planing



Profiling



Jointing



Door Frame & Panel



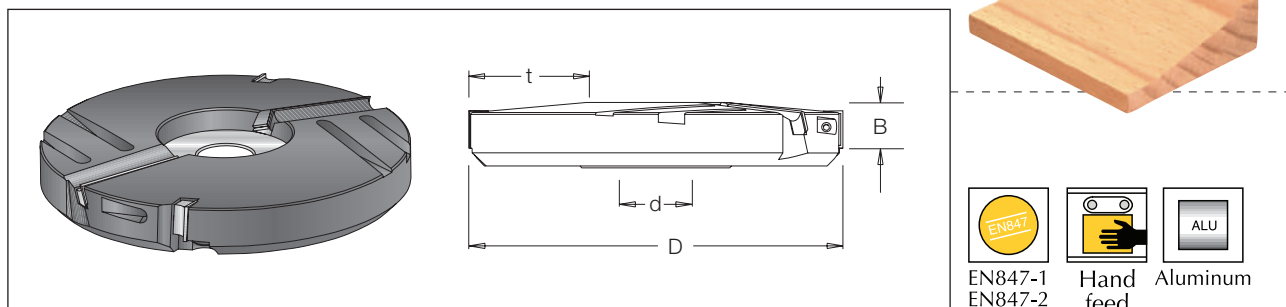
Multi Profile

Cutters

Door Frame & Panel

Raised Panel Cutter

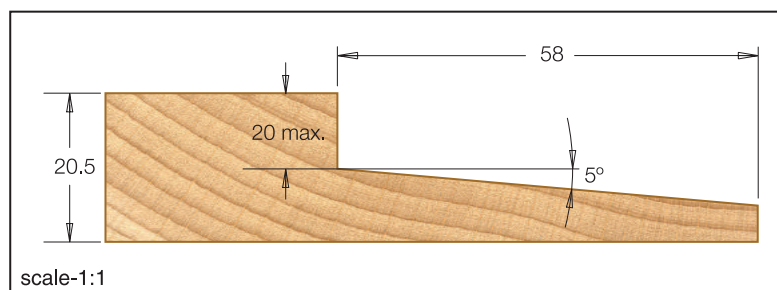
Cutterhead in hard wearing aluminium, complete with two disposable tungsten carbide knives and two scribes. Suitable for producing raised panel profiles in softwood, hardwood and man-made boards on a spindle moulder.



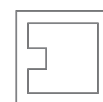
øD	B	Code No.	Z	ød	ød Max.	Max. t	n
200	25	7510101	2+2	30	50	58	3,800 - 6,500

Spare parts:

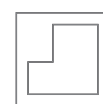
T.C. Blade	T.C. Blade	Wedge	Wedge	Allen screw	Allen key	Allen screw	Allen key
#310 722 0	#300 053 1	#199 032 7	#199 033 5	#193 026 5	#194 003 4	#193 071 0	#194 020 0
20x12x1.5	60x12x1.5	L = 17	L = 58	M6x16	S3	M4x16	S2



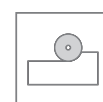
Cutters



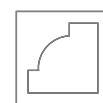
Grooving



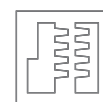
Rebating



Planing



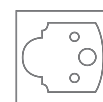
Profiling



Jointing



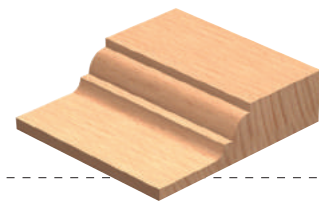
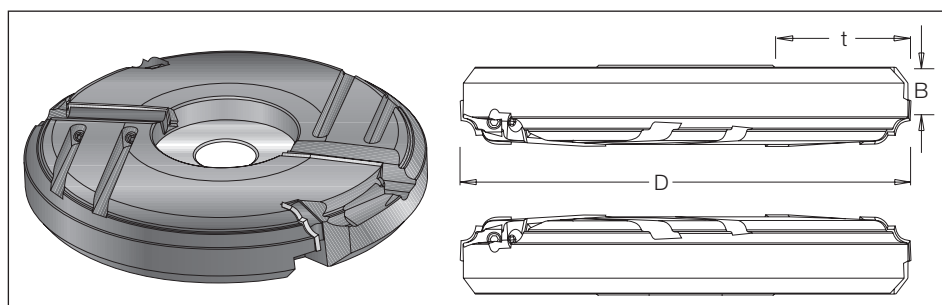
Door Frame
& Panel



Multi Profile

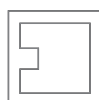
Raised Panel Cutter

Cutterheads in hard wearing aluminium, complete with two disposable tungsten carbide knives and two scribes. Suitable for producing various raised panel profiles in softwood, hardwood and man-made boards. Raising or lowering the cutterhead on the spindle moulder produces different profiles.

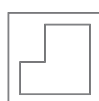


øD	B	Version	Code No.	Z	ød	ød Max.	Max. t	n
200	20	Top	7510021	2+2	30	50	65	3,800 - 6,500
	20	Bottom	7510521	2+2	30	50	65	3,800 - 6,500

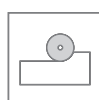
Spare parts:



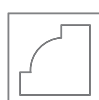
Grooving



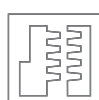
Rebating



Planing



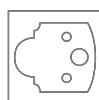
Profiling



Jointing



Door Frame & Panel



Multi Profile



T.C. Blade



T.C. Blade



Wedge



Wedge



Allen screw



Torx screw

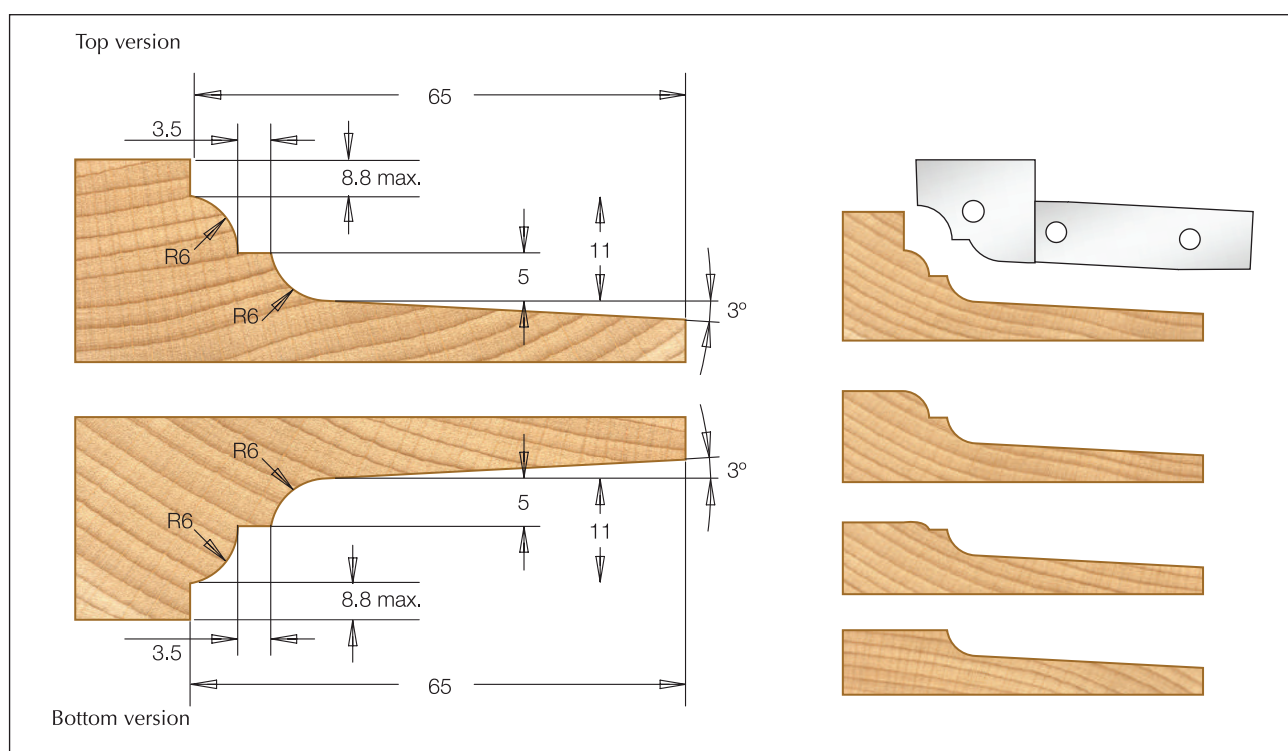


Allen key



Allen key

Top version	#310 851 0 20x23x2	#310 851 1 50x12x1.5	#199 039 5 L = 18	#199 040 5 L = 48	#193 026 5 M6x16	#193 072 0 M6x10	#194 020 0 S2	#194 003 4 S3
Bottom version	#310 851 0 L 20x23x2	#310 851 1 L 50x12x1.5	#199 039 6 L = 18	#199 040 6 L = 48	#193 026 5 M6x16	#193 072 0 M6x10	#194 020 0 S2	#194 003 4 S3



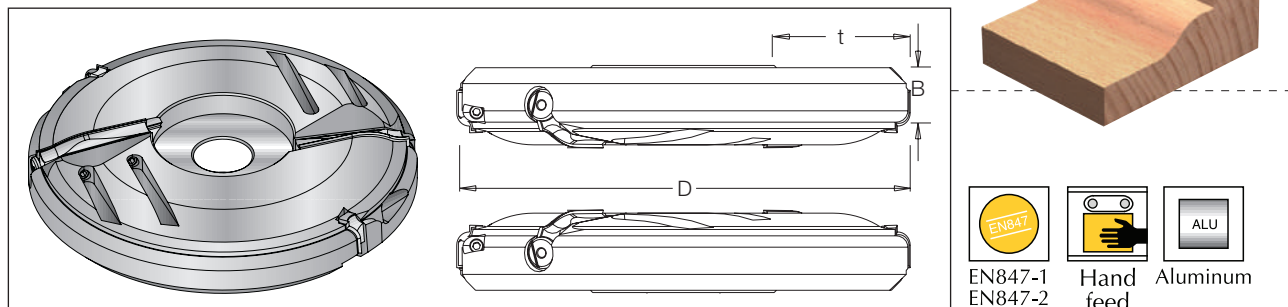
scale-1:1

Cutters

Door Frame & Panel

Raised Panel Cutter

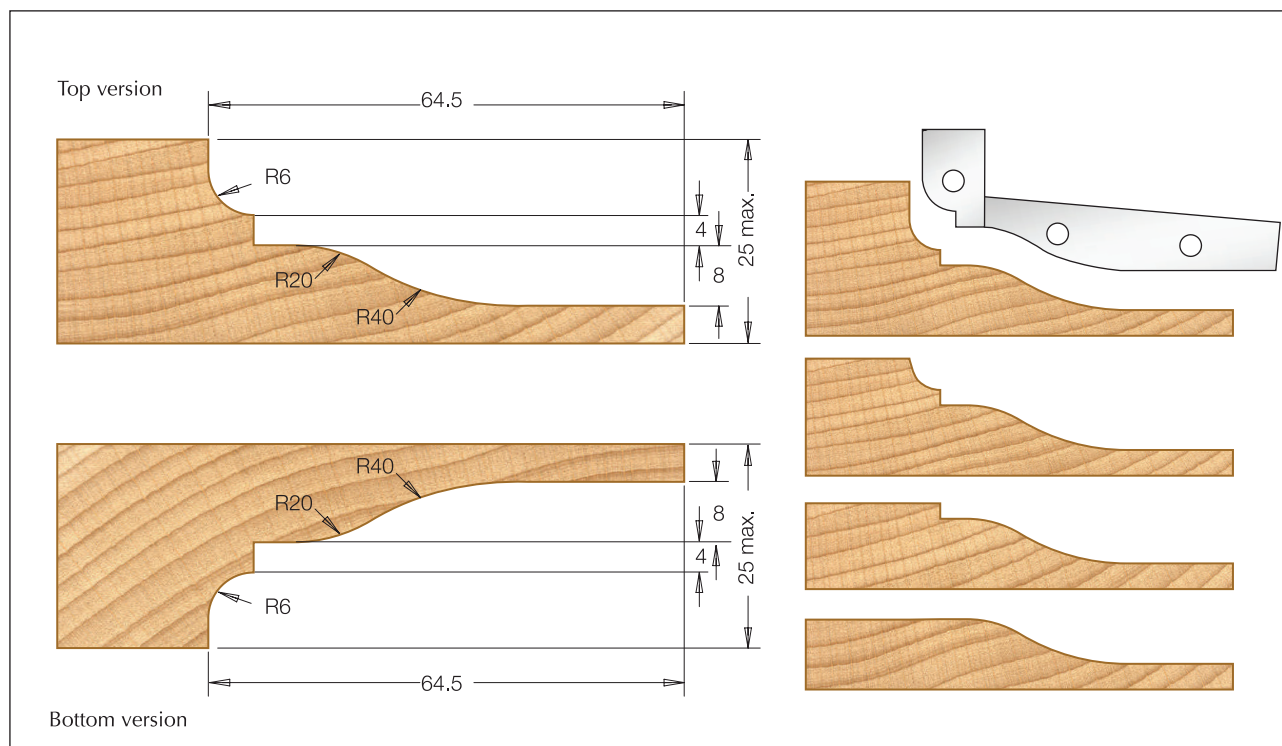
Cutterheads in hard wearing aluminium, complete with two disposable tungsten carbide knives and two scribes. Suitable for producing various raised panel profiles in softwood, hardwood and man-made boards. Raising or lowering the cutterhead on the spindle moulder produces different profiles.



øD	B	Version	Code No.	Z	ød	ød Max.	Max. t	n
200	24	Top	7510011	2+2	30	50	64.5	3,800 - 6,500
	24	Bottom	7510511	2+2	30	50	64.5	3,800 - 6,500

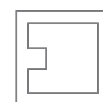
Spare parts:

	T.C. Blade	T.C. Blade	Wedge	Wedge	Allen screw	Torx screw	Allen key	Allen key
Top version	#310 850 3 19x12x2	#310 850 9 59x12x1.5	#199 024 0 L = 17	#199 037 0 L = 57	#193 026 5 M6x16	#193 072 0 M6xM4x16	#194 020 0 S2	#194 003 4 S3
Bottom version	#310 850 3 L 19x12x2	#310 850 9 L 59x12x1.5	#199 024 1 L = 17	#199 037 1 L = 57	#193 026 5 M6x16	#193 072 0 M6xM4x16	#194 020 0 S2	#194 003 4 S3

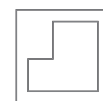


scale-1:1

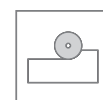
Cutters



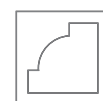
Grooving



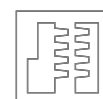
Rebating



Planing



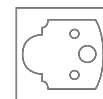
Profiling



Jointing



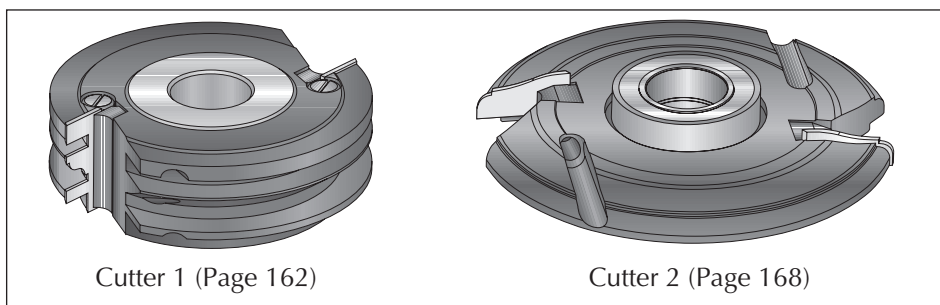
Door Frame
& Panel



Multi Profile

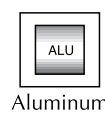
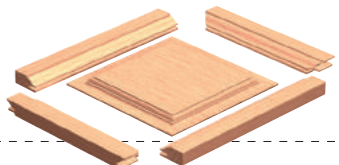
Isis - Combined Set for Raised Panel and Tongue & Groove

Two - piece cutterhead set for producing various rail and stile and raised panel profiles for making complete cabinet doors. Cutterheads have disposable tungsten carbide knives. Full details of separate cutterheads are shown on pages 66 and 67. Please specify profile of each cutter when ordering.



Cutter 1 (Page 162)

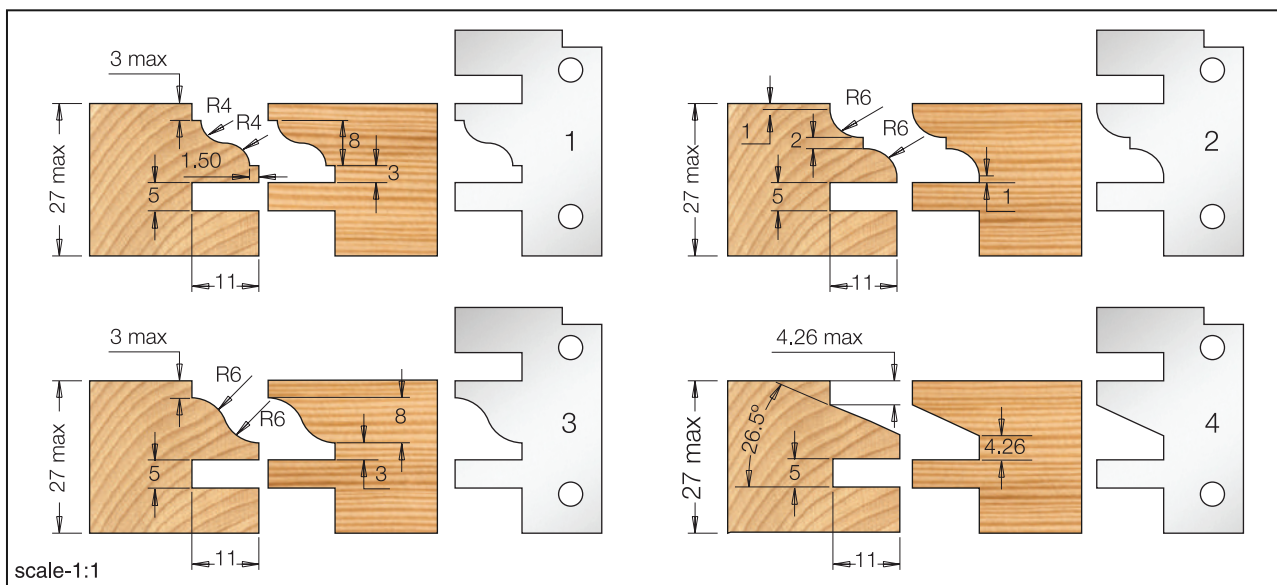
Cutter 2 (Page 168)



Set	Cutters include	Code No.	Profile type	d	Z
Set 1	1 & 2	7420501	By customer	30	2

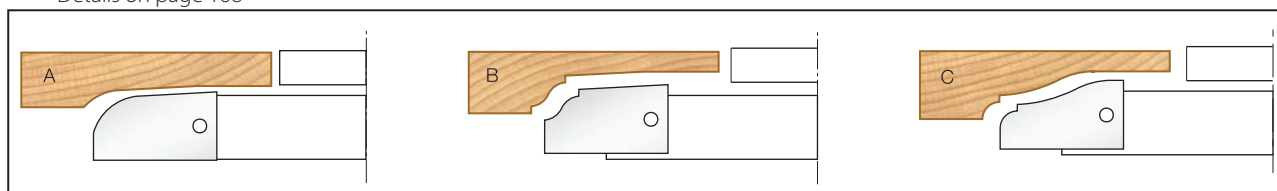
Cutter No.1	øD	Code No.	B	Profile	Teeth	ød	ød Max.	n
	120	7420311	40	1	2	30	40	8,400
	120	7420321	40	2	2	30	40	8,400
	120	7420331	40	3	2	30	40	8,400
	120	7420341	40	4	2	30	40	8,400

⚠ Spare parts:
Details on page 162



Cutter No.2	øD	Code No.	B	Profile	Teeth	ød	n
	156	7420271	17	A	2	30	9,000
	156	7420371	17	B	2	30	9,000
	156	7420471	17	C	2	30	9,000

⚠ Spare parts:
Details on page 168



Grooving



Rebating



Planing



Profiling



Joining



Door Frame
& Panel



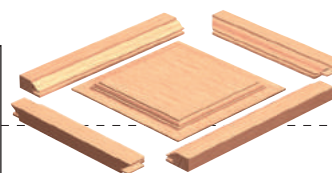
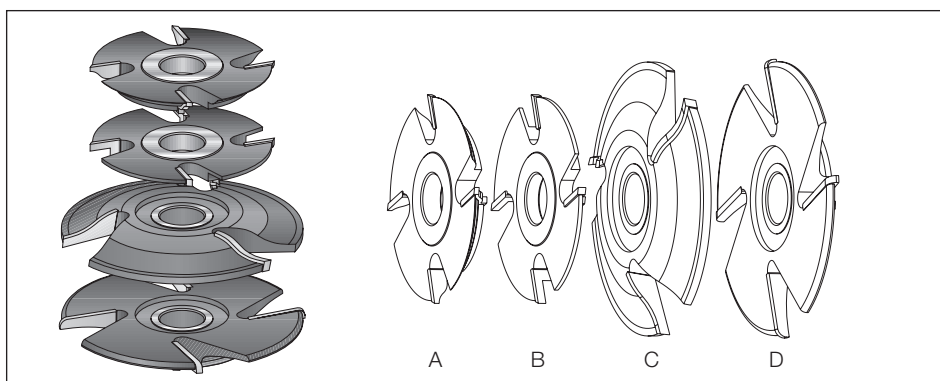
Multi Profile

Cutters

Door Frame & Panel

Combined Set - for Raised Panel and Tongue & Groove

Four - piece cutterhead set for producing two types of rail and stile and two types of raised panel profile in softwood, hardwood and man-made boards. Cutterheads have three or four tungsten carbide tips. Set comes complete with necessary ball bearing guides.



Hand feed

	øD	B	Code No.	Z	ød	n
Complete Set			7111461		30	5200-9000
Cutter A	125	14	7111311	4	30	5200-9000
Cutter B	125	11	7111321	4	30	5200-9000
Cutter C	167	19	7111361	3	30	5200-9000
Cutter D	167	21	7111411	4	30	5200-9000

! The set includes four cutters and two ball bearings that enable the production of two types of frames and two types of raised panels.

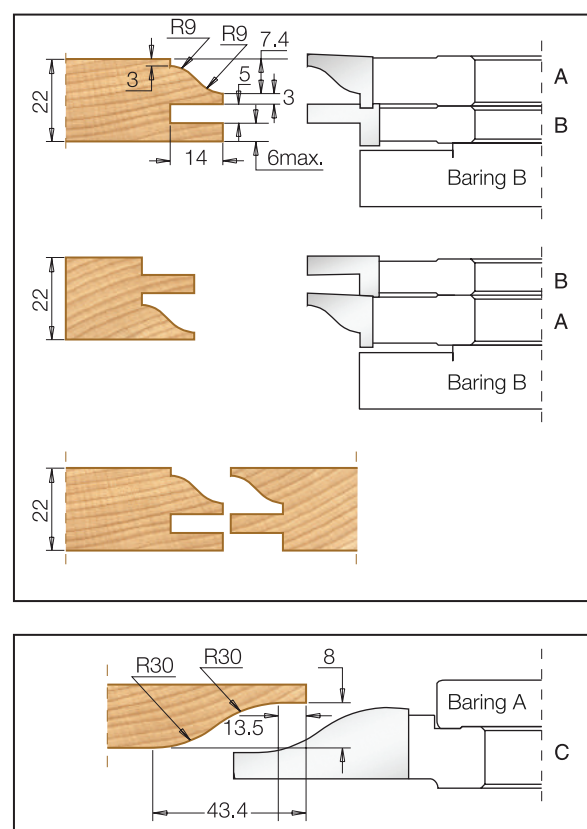
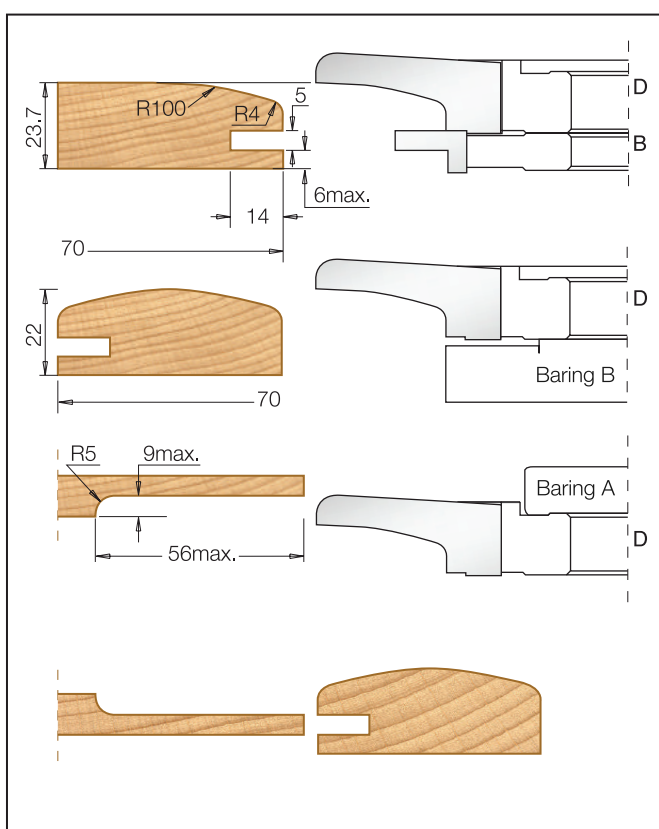
Spare parts:



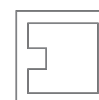
Ball Bearing A
#191 02 30
55x13x30



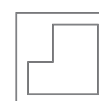
Ball Bearing B
#191 050 0
97x15x30



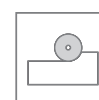
Cutters



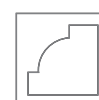
Grooving



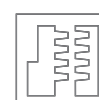
Rebating



Planing



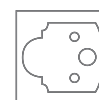
Profiling



Jointing



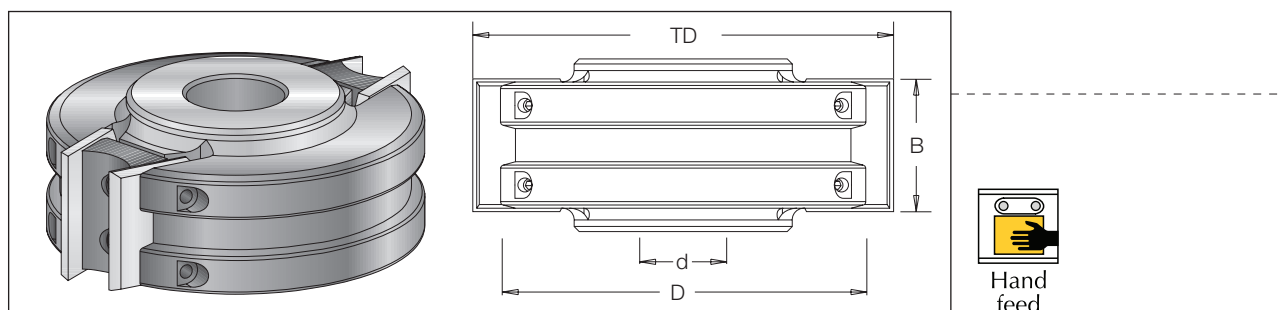
Door Frame
& Panel



Multi Profile

Multi Profile System Cutter

Cutterhead bodies in hard wearing aluminium or steel complete with two tool steel rebate knives and corresponding limiter plates. Suitable for jointing, rebating and profiling with 4mm thick knives and limiters in softwood and hardwood. 114mm diameter cutterhead for use with the 50 x 4mm knives and limiters on pages 188-192.



øD	øTD	B	Code No.	Z	ød	n
93	131.4	40	7760061	2	30	6,000 - 9,000
100	138.0	40	7761051*	2	30	5,000 - 8,000
114	154.4	40/50	7760081	2	30	5,000 - 8,500
120	160.4	40	7761071*	2	30	5,100 - 8,000

⚠ * Aluminum

Spare parts:

Knife	Limiter	Wedge	Allen screw	Allen key
#331 914 0	#341 914 0	#199 801 0	#193 026 6	#194 003 6
40x20x4	38x19x4	L = 38	M8x12	S4

Multi Profile System 40 mm Knives

Page

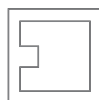
Multi Profile System 40 mm T.C.T	175
Straight Profile	176
Corner Round & Core Profile	176
Corner Round & Core Profile	177
Convex Profile	177
Tongue & Groove Profile	177
Tongue & Groove Profile	178
Door Making Profile	178-179
Glue Joint Profile	179
Hand & Finger Grip Profile	180
Classical Bead & Cove Profile	180-181
Table Edge Profile	181
Shelf Edge Profile	181
Ogee Profile	182
Crown Moulding Profile	183
Free Style Profile	184

Multi Profile System 50 mm Knives

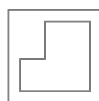
Page

Straight Profile	185
Door Making Profile	185
Glue Joint Profile	185
Concave & Convex Profiles	186-187
Hand & Finger Grip Profile	187
Crown Molding Profile	188
Multi Profile	189
Free Style Profile	189

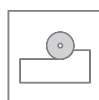
Cutters



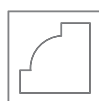
Grooving



Rebating



Planing



Profiling



Jointing

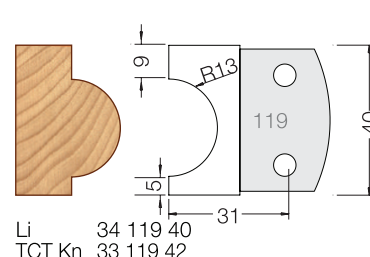
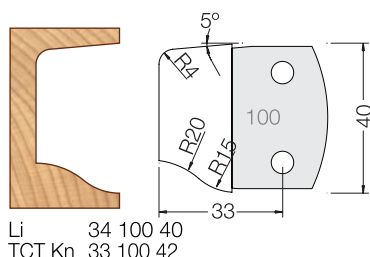
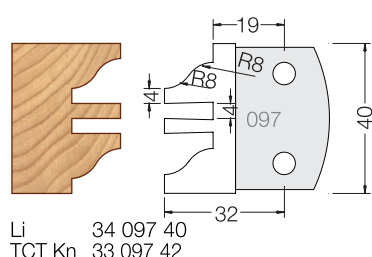
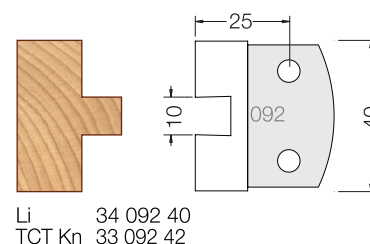
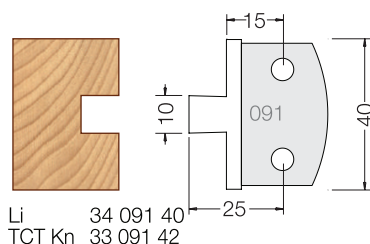
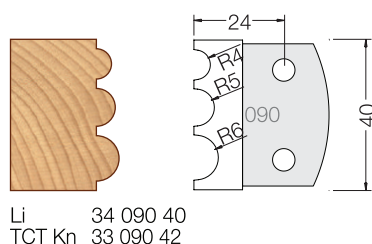
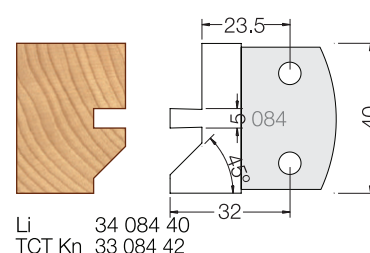
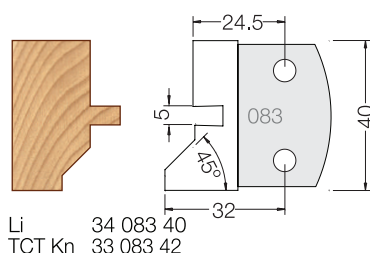
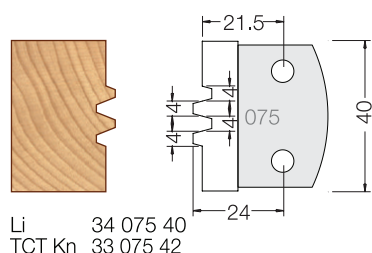
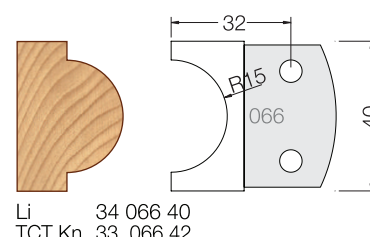
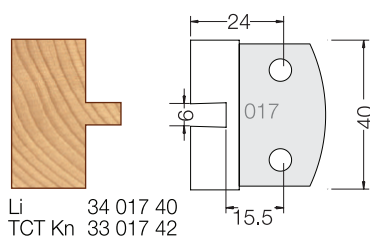
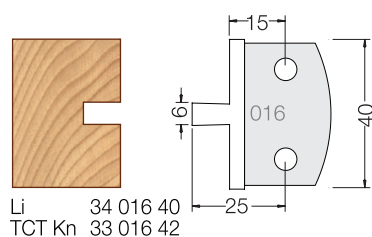


Door Frame
& Panel



Multi Profile

Multi Profile System 40 mm T.C.T

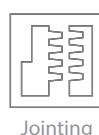
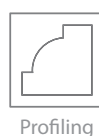
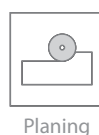
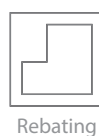
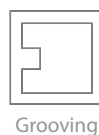


Kn = Tool steel quality knife

Li = Chip limtor

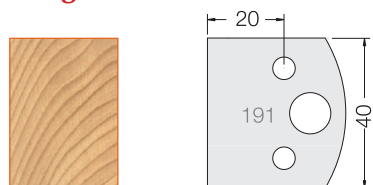
TCT = Braze carbide knife

Cutters

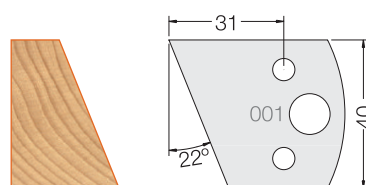


Multi Profile System 40 mm

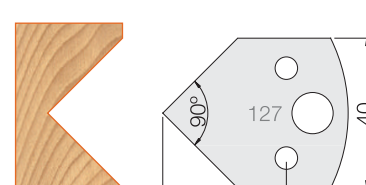
Straight Profiles



Kn 33 191 40
Li 34 191 40

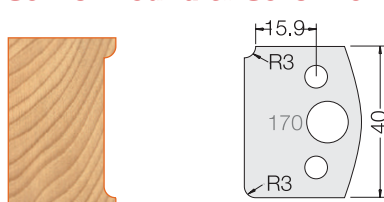


Kn 33 001 40
Li 34 001 40

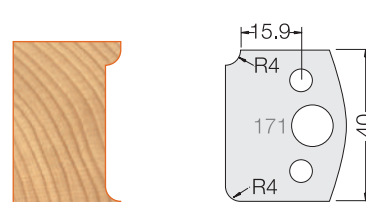


Kn 33 127 40
Li 34 127 40

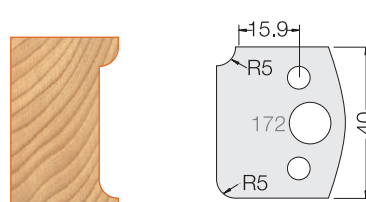
Corner Round & Core Profiles



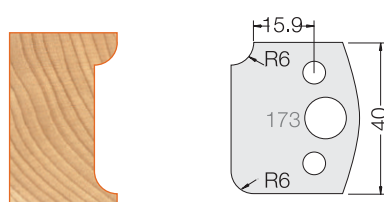
Kn 33 170 40
Li 34 170 40



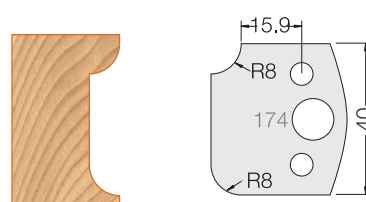
Kn 33 171 40
Li 34 171 40



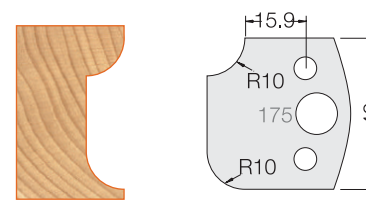
Kn 33 172 40
Li 34 172 40



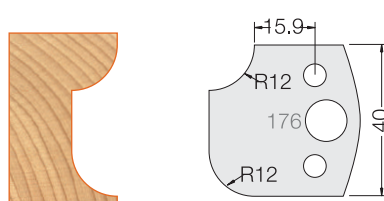
Kn 33 173 40
Li 34 173 40



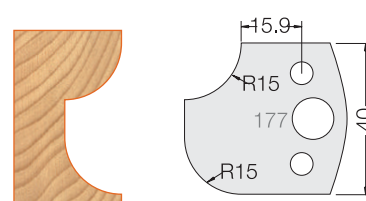
Kn 33 174 40
Li 34 174 40



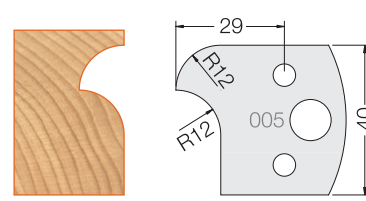
Kn 33 175 40
Li 34 175 40



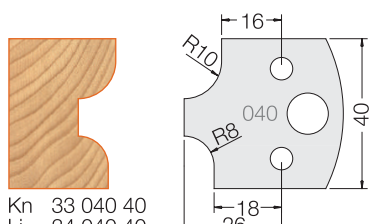
Kn 33 176 40
Li 34 176 40



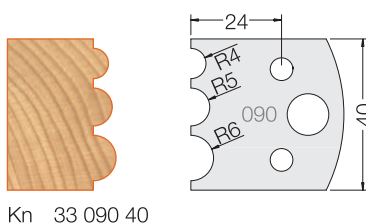
Kn 33 177 40
Li 34 177 40



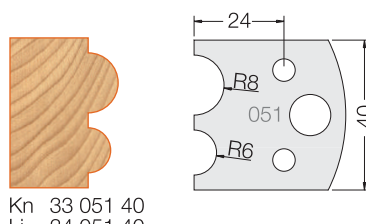
Kn 33 005 40
Li 34 005 40



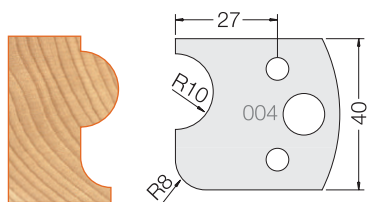
Kn 33 040 40
Li 34 040 40



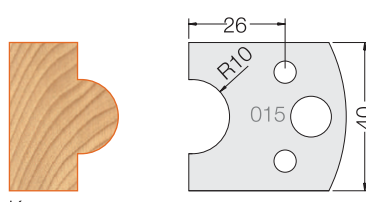
Kn 33 090 40
Li 34 090 40



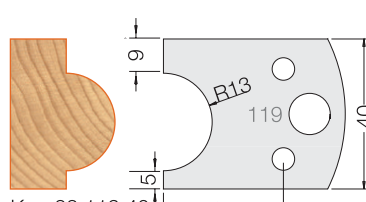
Kn 33 051 40
Li 34 051 40



Kn 33 004 40
Li 34 004 40

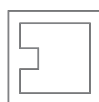


Kn 33 015 40
Li 34 015 40

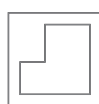


Kn 33 119 40
Li 34 119 40

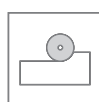
Cutters



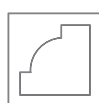
Grooving



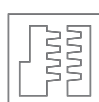
Rebating



Planing



Profiling



Joining



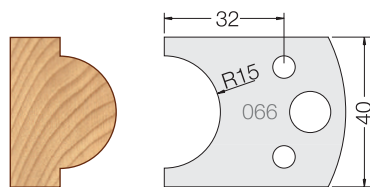
Door Frame
& Panel



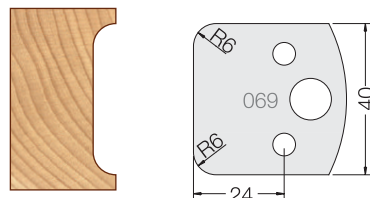
Multi Profile

Multi Profile System 40 mm

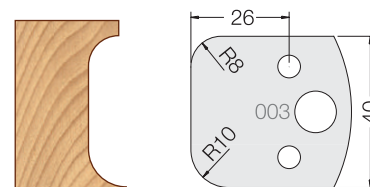
Corner Round & Core Profiles



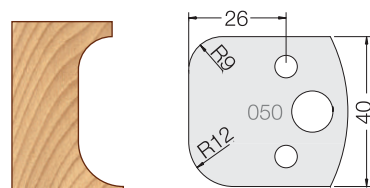
Kn 33 066 40
Li 34 066 40



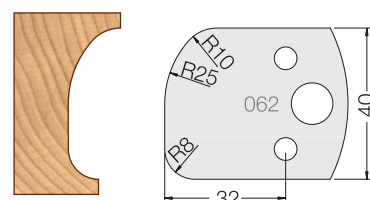
Kn 33 069 40
Li 34 069 40



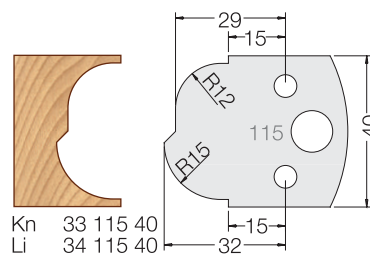
Kn 33 003 40
Li 34 003 40



Kn 33 050 40
Li 34 050 40

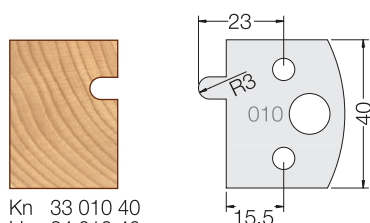


Kn 33 062 40
Li 34 062 40

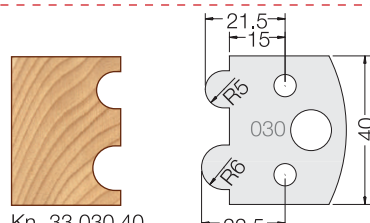


Kn 33 115 40
Li 34 115 40

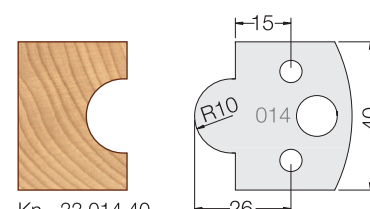
Convex Profiles



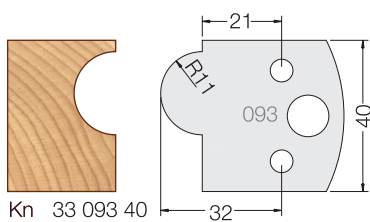
Kn 33 010 40
Li 34 010 40



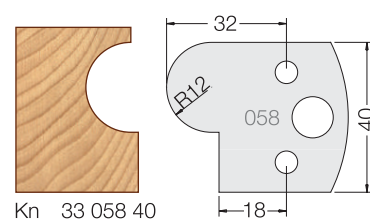
Kn 33 030 40
Li 34 030 40



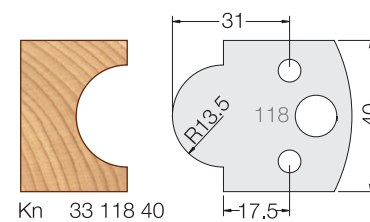
Kn 33 014 40
Li 34 014 40



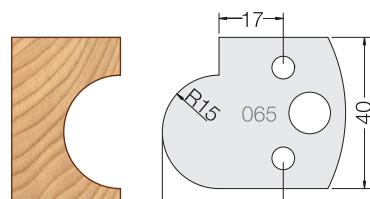
Kn 33 093 40
Li 34 093 40



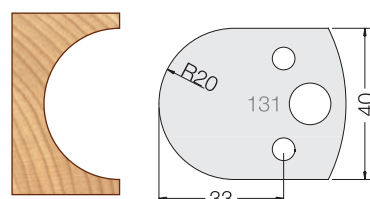
Kn 33 058 40
Li 34 058 40



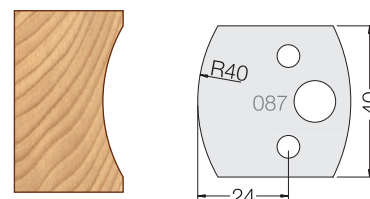
Kn 33 118 40
Li 34 118 40



Kn 33 065 40
Li 34 065 40

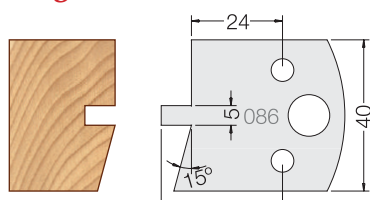


Kn 33 131 40
Li 34 131 40

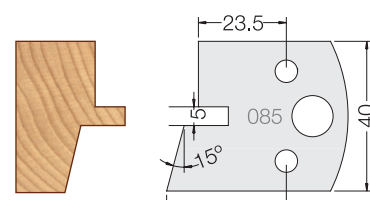


Kn 33 087 40
Li 34 087 40

Tongue & Groove Profiles

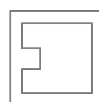


Kn 33 086 40
Li 34 086 40

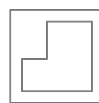


Kn 33 085 40
Li 34 085 40

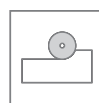
Cutters



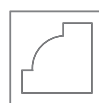
Grooving



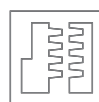
Rebating



Planing



Profiling



Jointing



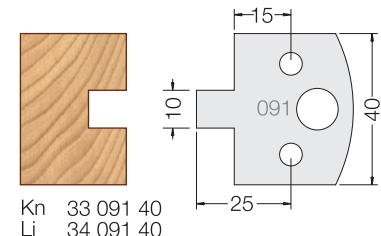
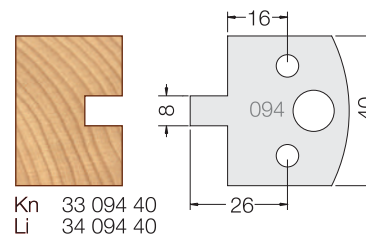
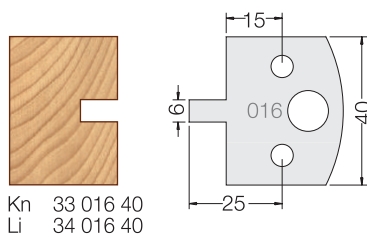
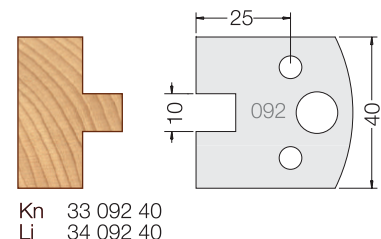
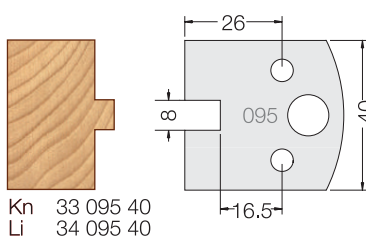
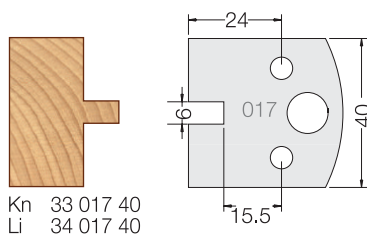
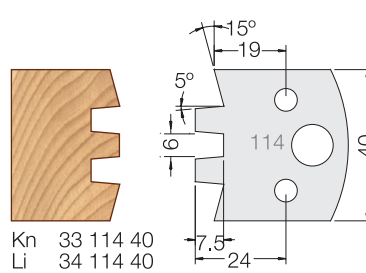
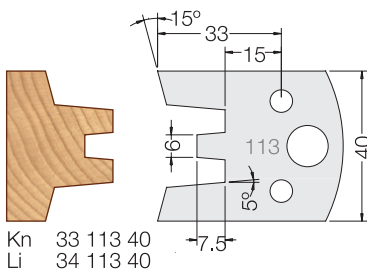
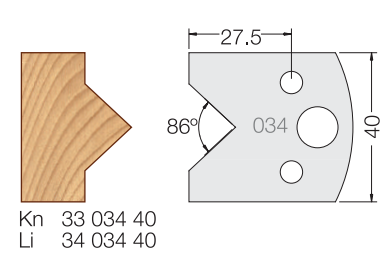
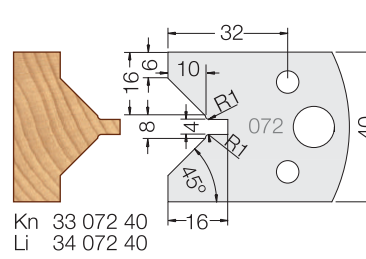
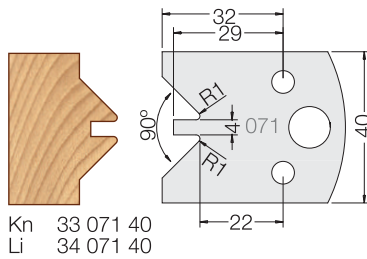
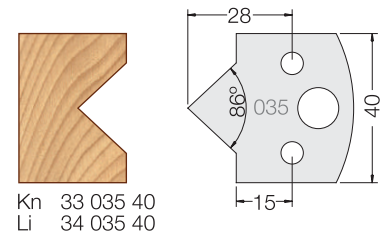
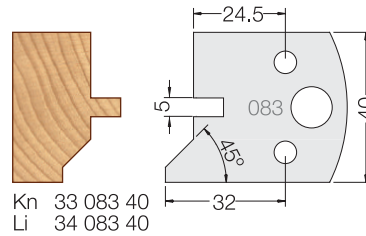
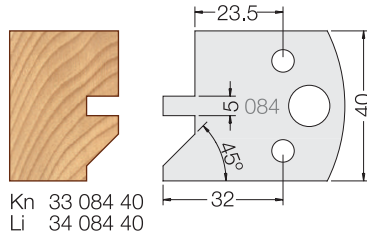
Door Frame
& Panel



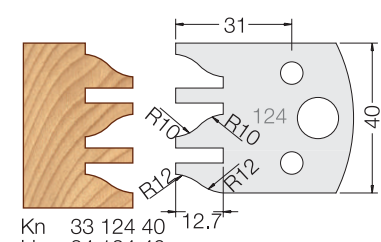
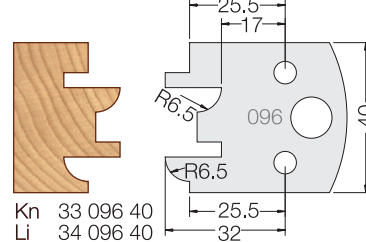
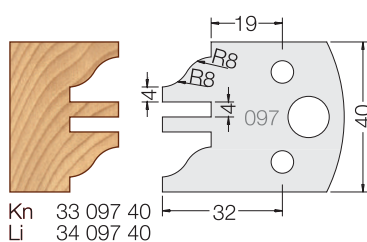
Multi Profile

Multi Profile System 40 mm

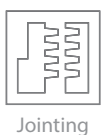
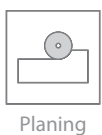
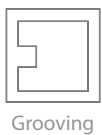
Tongue & Groove Profiles



Door Making Profiles

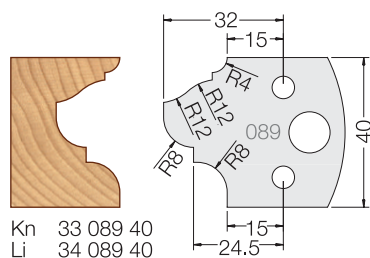
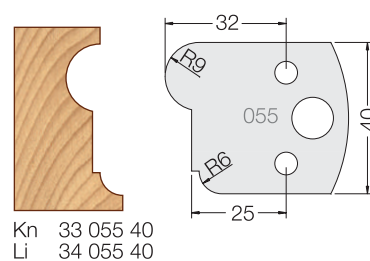
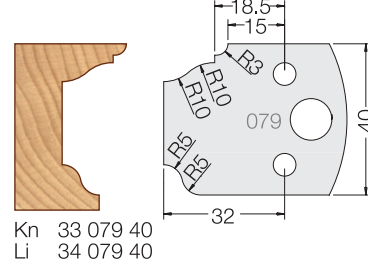
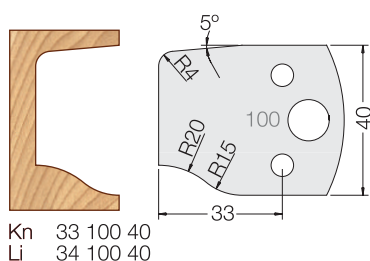
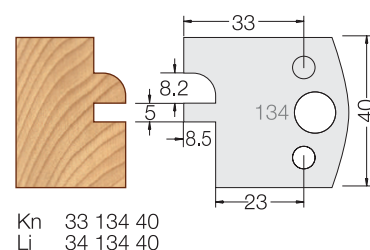
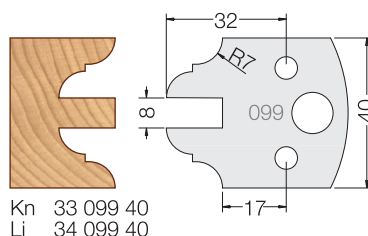
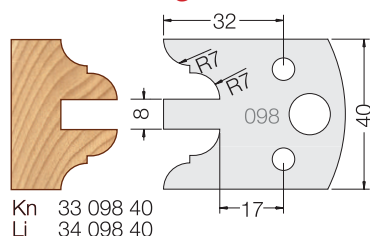


Cutters

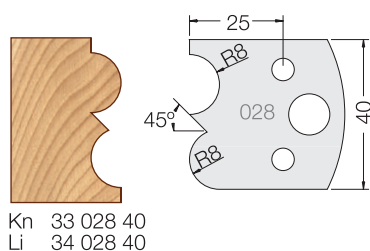
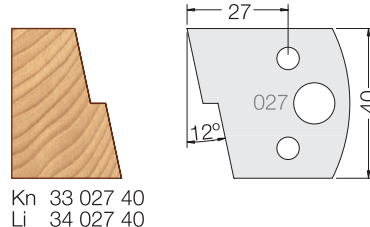
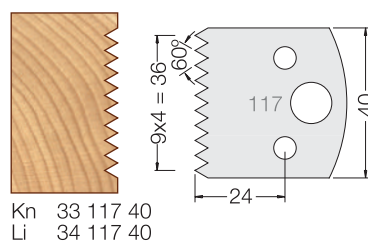
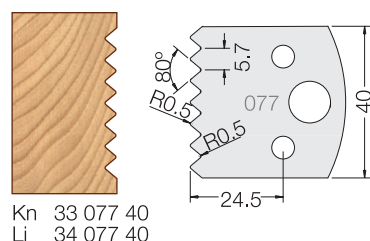
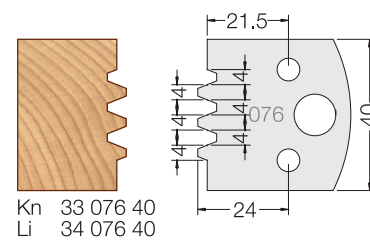
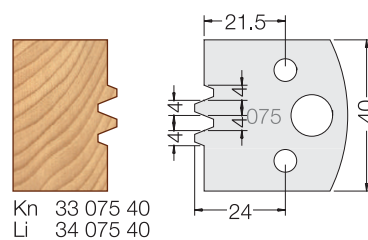
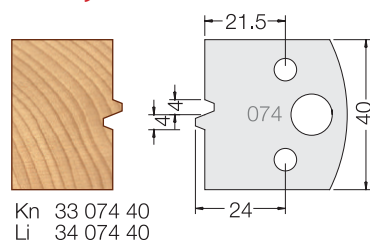


Multi Profile System 40 mm

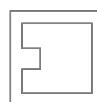
Door Making Profiles



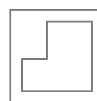
Glue Joint Profiles



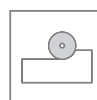
Cutters



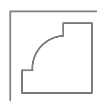
Grooving



Rebating



Planing



Profiling



Jointing



Door Frame & Panel



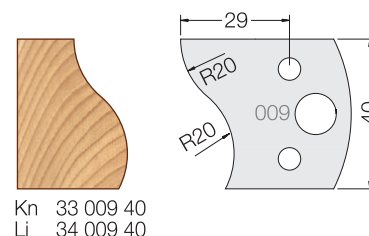
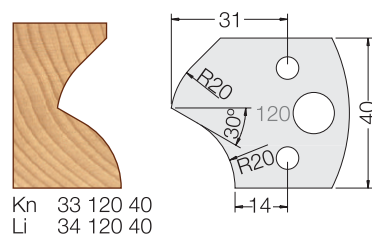
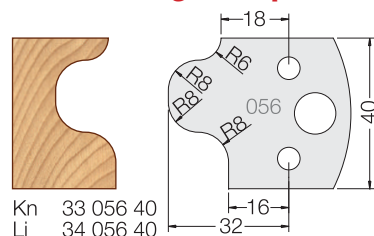
Multi Profile

Cutters

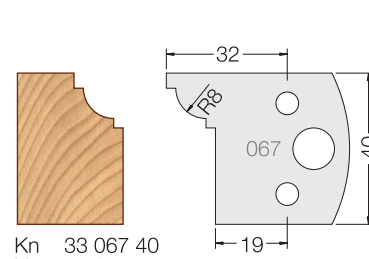
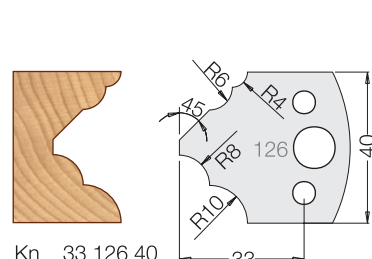
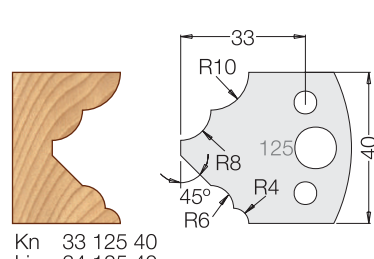
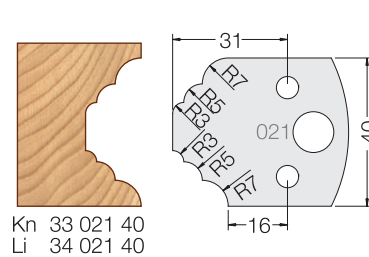
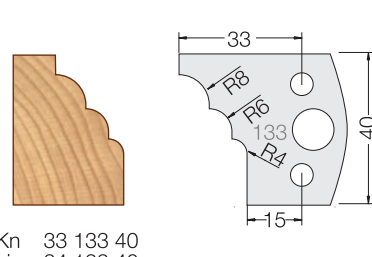
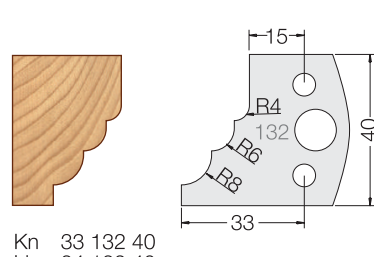
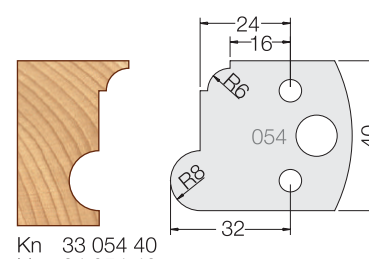
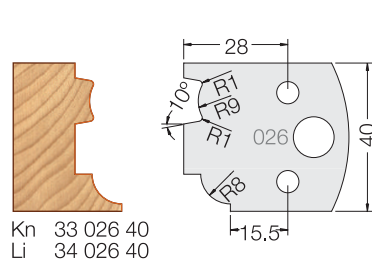
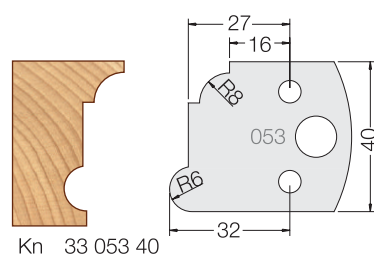
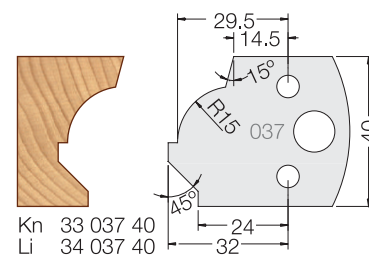
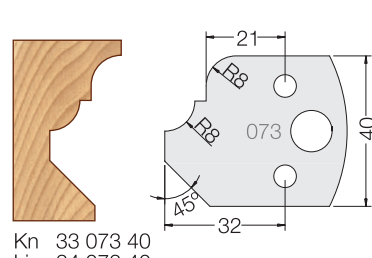
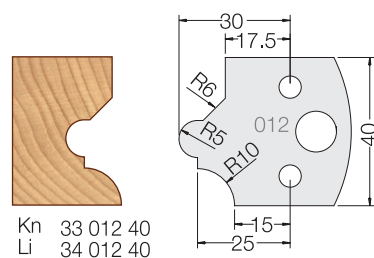
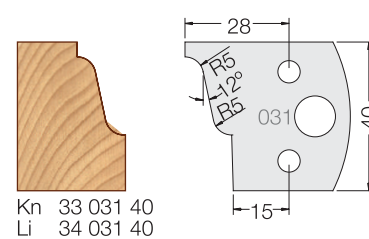
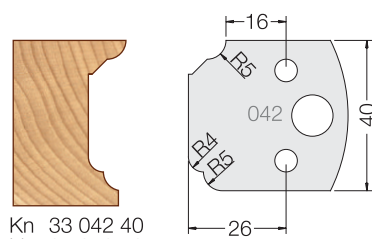
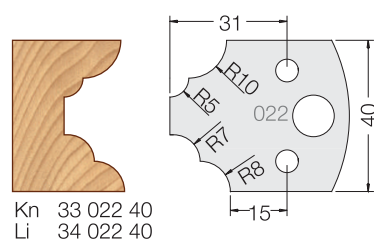
Multi Profile

Multi Profile System 40 mm

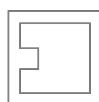
Hand & Finger Grip Profiles



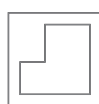
Classical Bead & Cove Profiles



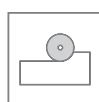
Cutters



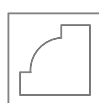
Grooving



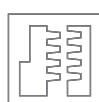
Rebating



Planing



Profiling



Jointing



Door Frame
& Panel



Multi Profile

Multi Profile System 40 mm

Classical Bead & Cove Profiles

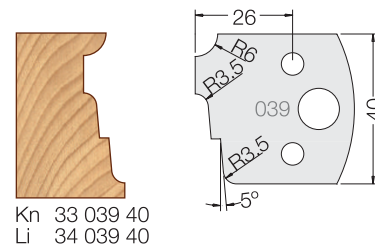
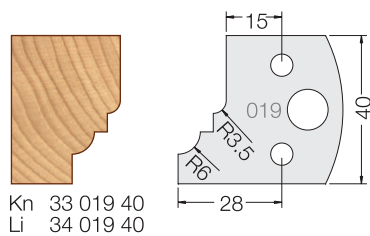
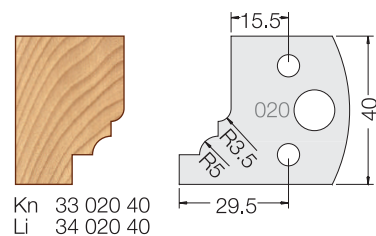
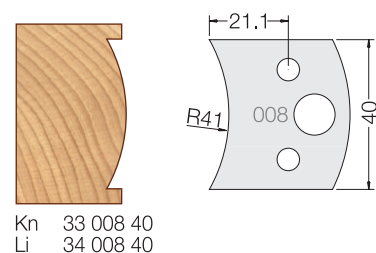
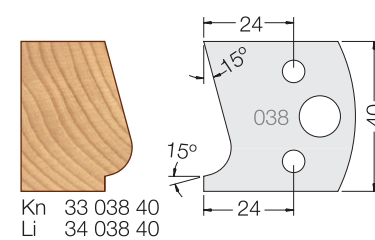
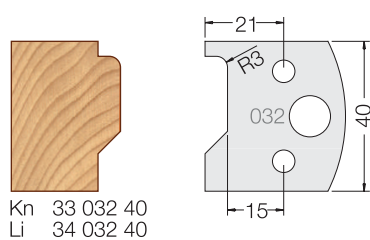
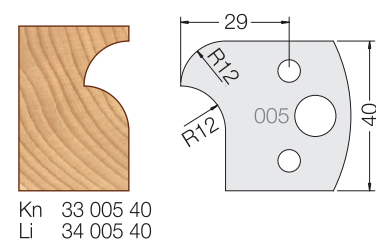
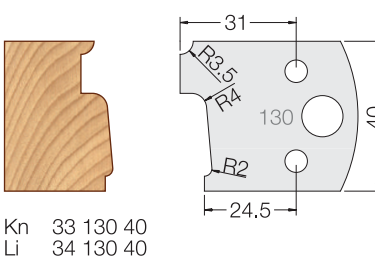
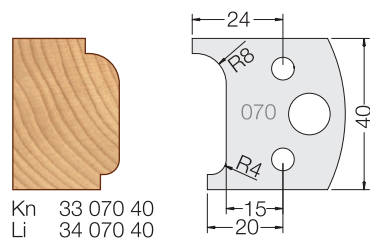
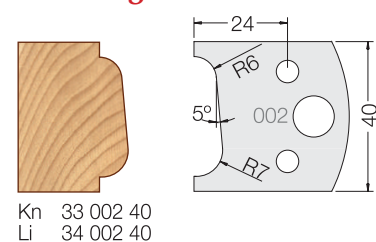
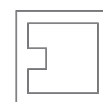
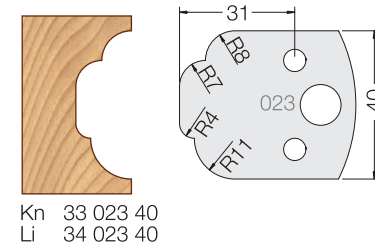
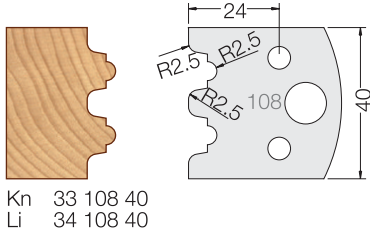
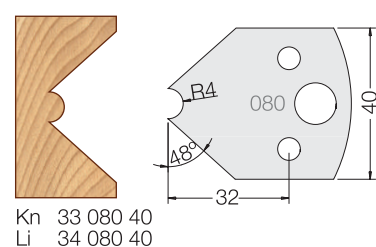
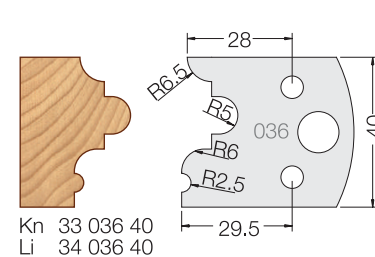
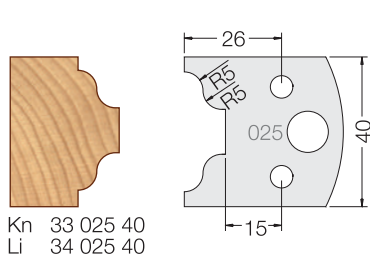
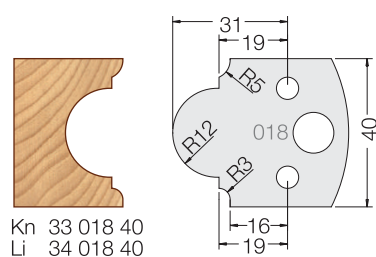


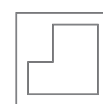
Table Edge Profiles



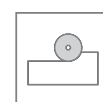
Shelf Edge Profiles



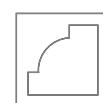
Grooving



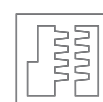
Rebating



Planing



Profiling



Jointing



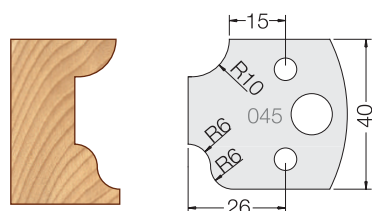
Door Frame
& Panel



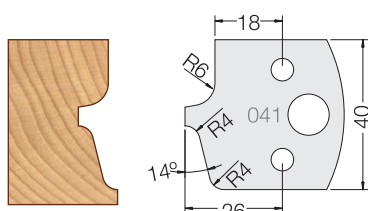
Multi Profile

Multi Profile System 40 mm

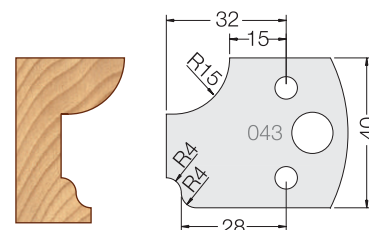
Ogee Profiles



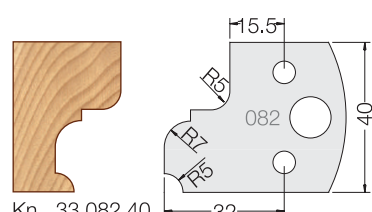
Kn 33 045 40
Li 34 045 40



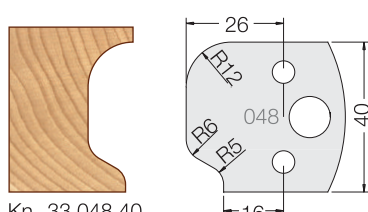
Kn 33 041 40
Li 34 041 40



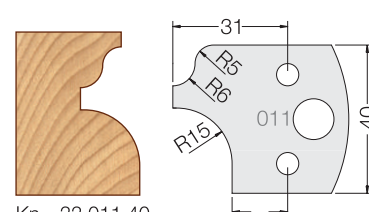
Kn 33 043 40
Li 34 043 40



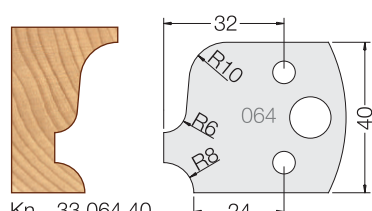
Kn 33 082 40
Li 34 082 40



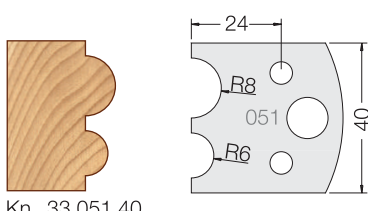
Kn 33 048 40
Li 34 048 40



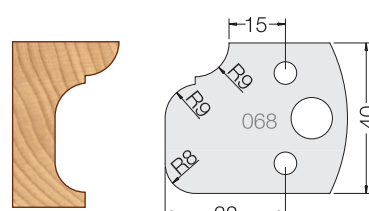
Kn 33 011 40
Li 34 011 40



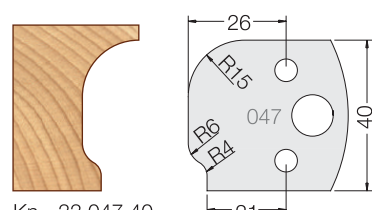
Kn 33 064 40
Li 34 064 40



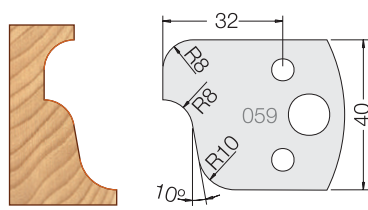
Kn 33 051 40
Li 34 051 40



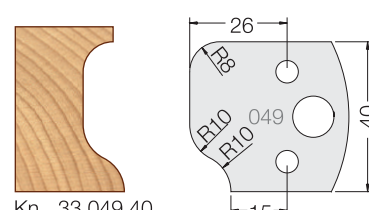
Kn 33 068 40
Li 34 068 40



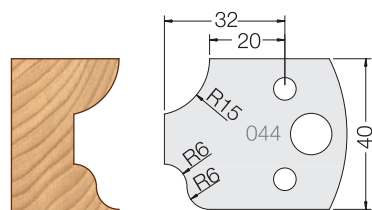
Kn 33 047 40
Li 34 047 40



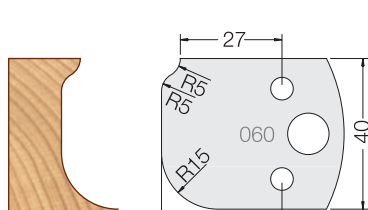
Kn 33 059 40
Li 34 059 40



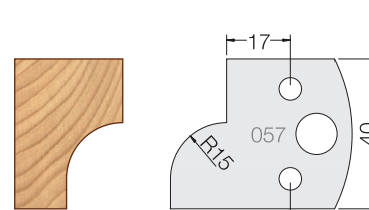
Kn 33 049 40
Li 34 049 40



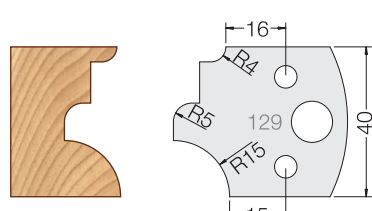
Kn 33 044 40
Li 34 044 40



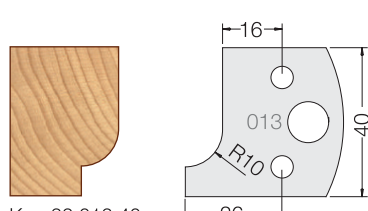
Kn 33 060 40
Li 34 060 40



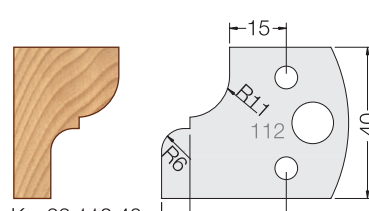
Kn 33 057 40
Li 34 057 40



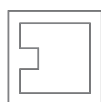
Kn 33 129 40
Li 34 129 40



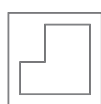
Kn 33 013 40
Li 34 013 40



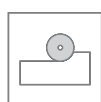
Kn 33 112 40
Li 34 112 40



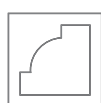
Grooving



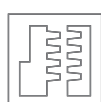
Rebating



Planing



Profiling



Jointing



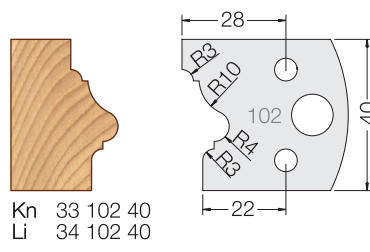
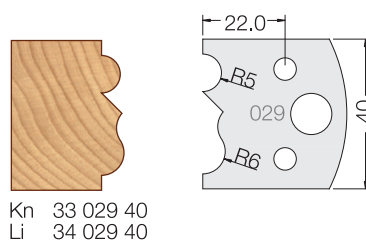
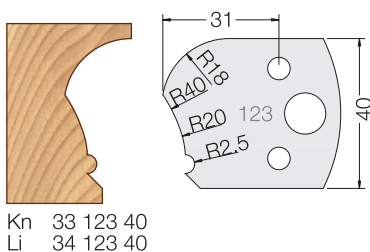
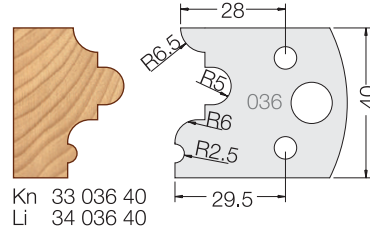
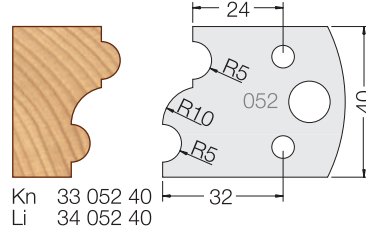
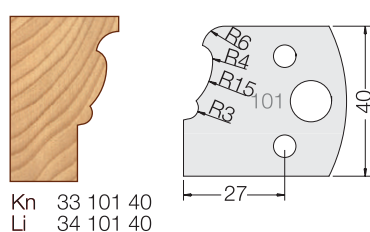
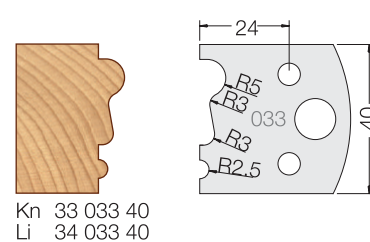
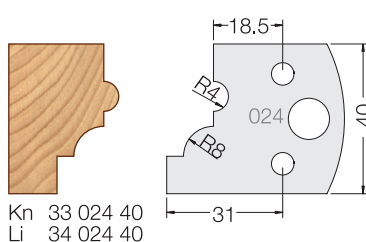
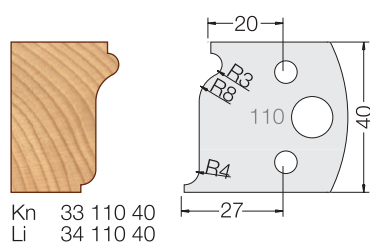
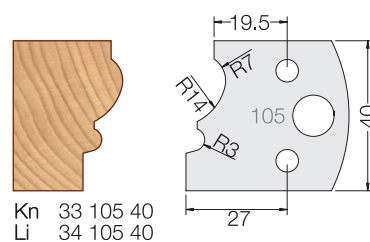
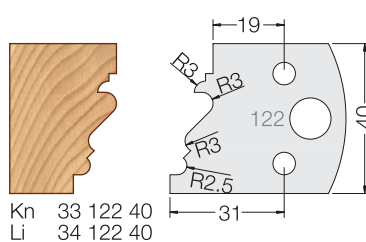
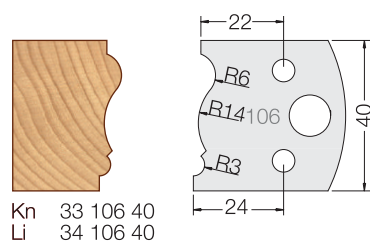
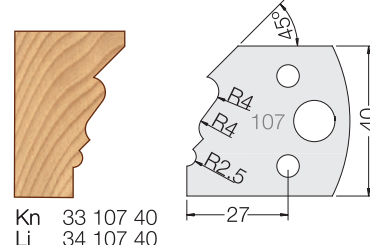
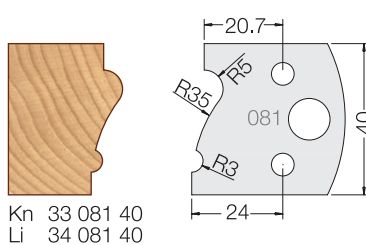
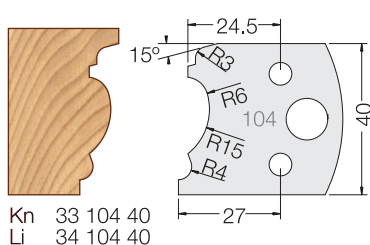
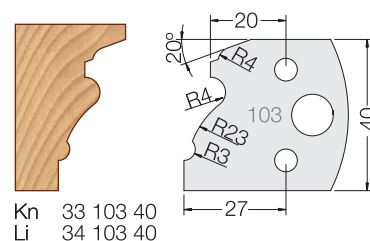
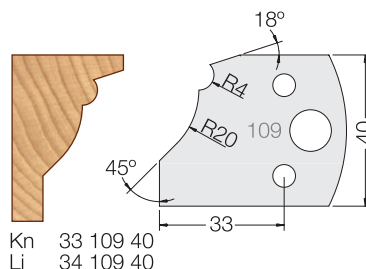
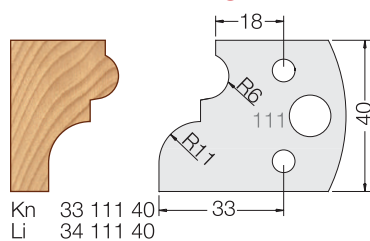
Door Frame
& Panel



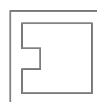
Multi Profile

Multi Profile System 40 mm

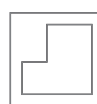
Crown Moulding Profiles



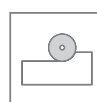
Cutters



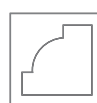
Grooving



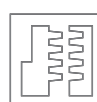
Rebating



Planing



Profiling



Jointing



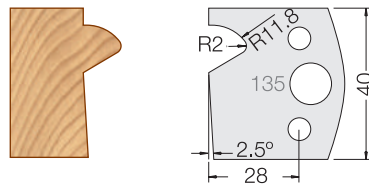
Door Frame & Panel



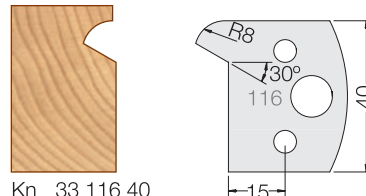
Multi Profile

Multi Profile System 40 mm

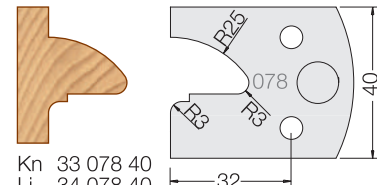
Free Style Profiles



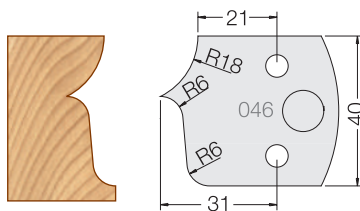
Kn 33 135 40
Li 34 135 40



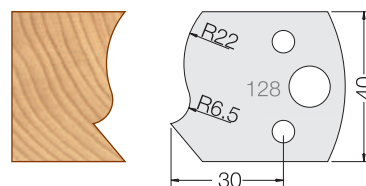
Kn 33 116 40
Li 34 116 40



Kn 33 078 40
Li 34 078 40



Kn 33 046 40
Li 34 046 40



Kn 33 128 40
Li 34 128 40



Grooving



Rebating



Planing



Profiling



Jointing



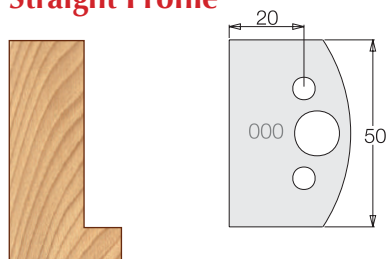
Door Frame
& Panel



Multi Profile

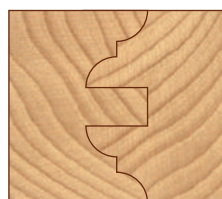
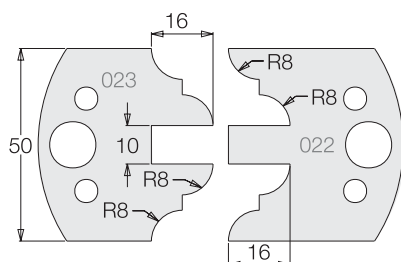
Multi Profile System 50 mm

Straight Profile

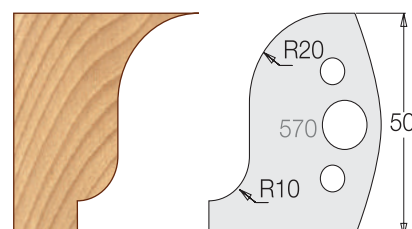


Kn 33 000 50
Li 34 000 50

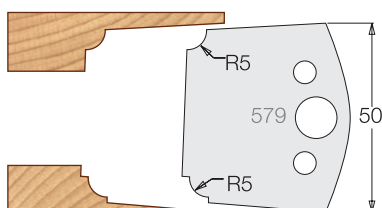
Door Making Profiles



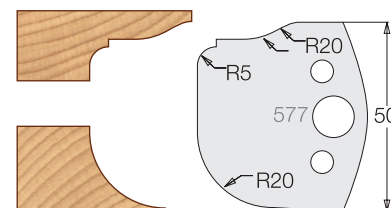
Kn 33 023 50
Li 34 023 50
Kn 33 022 50
Li 34 022 50



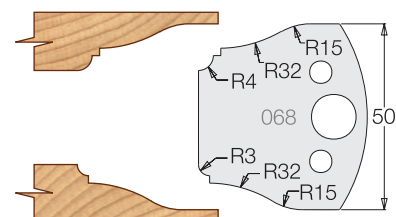
Kn 33 570 50
Li 34 570 50



Kn 33 579 50
Li 34 579 50

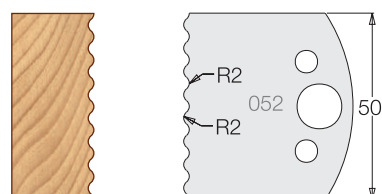


Kn 33 577 50
Li 34 577 50

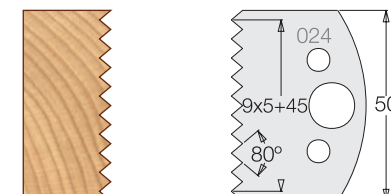


Kn 33 068 50
Li 34 068 50

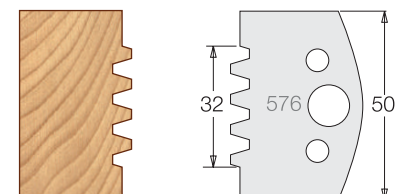
Glue Joint Profiles



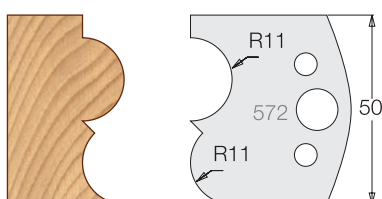
Kn 33 052 50
Li 34 052 50



Kn 33 024 50
Li 34 024 50

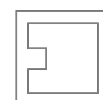


Kn 33 576 50
Li 34 576 50

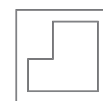


Kn 33 572 50
Li 34 572 50

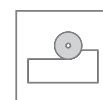
Cutters



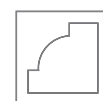
Grooving



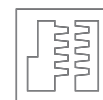
Rebating



Planing



Profiling



Jointing



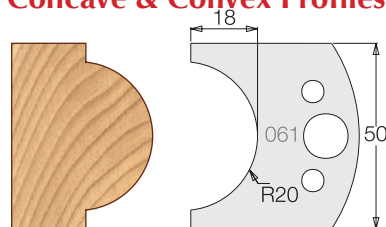
Door Frame
& Panel



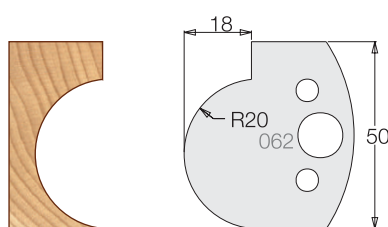
Multi Profile

Multi Profile System 50 mm

Concave & Convex Profiles



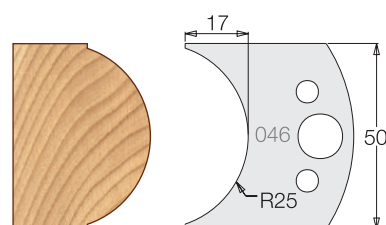
Kn 33 061 50
Li 34 061 50



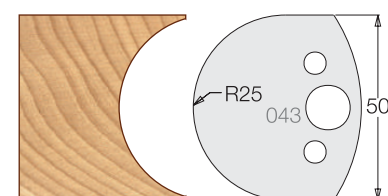
Kn 33 062 50
Li 34 062 50



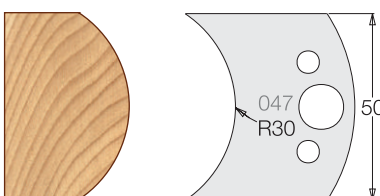
Kn 33 044 50
Li 34 044 50



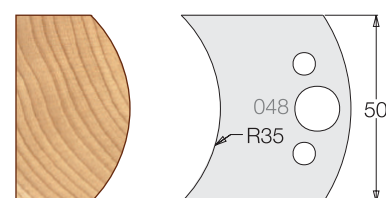
Kn 33 046 50
Li 34 046 50



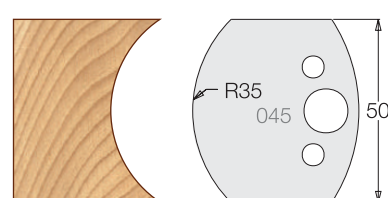
Kn 33 043 50
Li 34 043 50



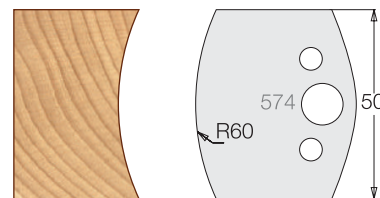
Kn 33 047 50
Li 34 047 50



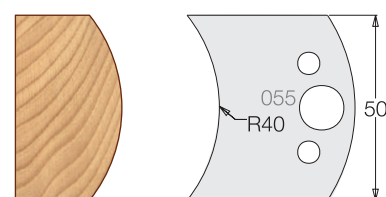
Kn 33 048 50
Li 34 048 50



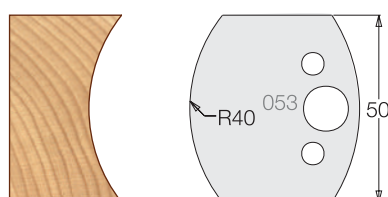
Kn 33 045 50
Li 34 045 50



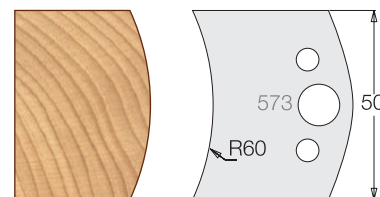
Kn 33 574 50
Li 34 574 50



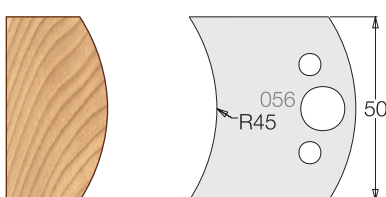
Kn 33 055 50
Li 34 055 50



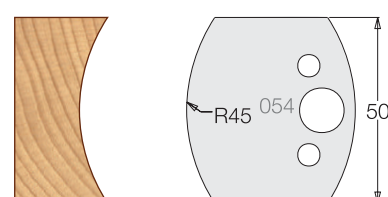
Kn 33 053 50
Li 34 053 50



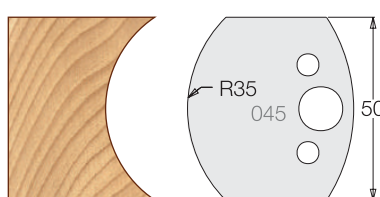
Kn 33 573 50
Li 34 573 50



Kn 33 056 50
Li 34 056 50

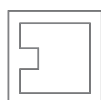


Kn 33 054 50
Li 34 054 50

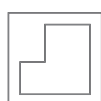


Kn 33 045 50
Li 34 045 50

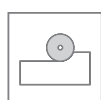
Cutters



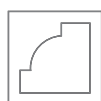
Grooving



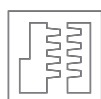
Rebating



Planing



Profiling



Jointing



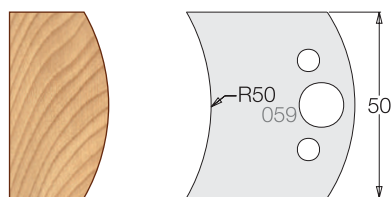
Door Frame
& Panel



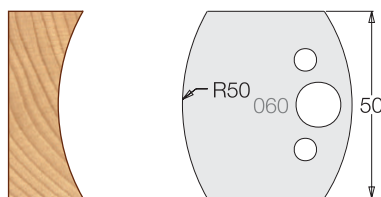
Multi Profile

Multi Profile System 50 mm

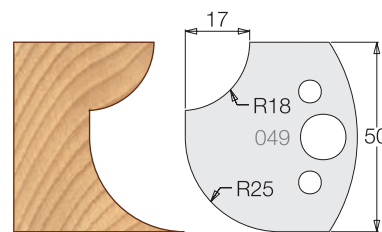
Concave & Convex Profiles



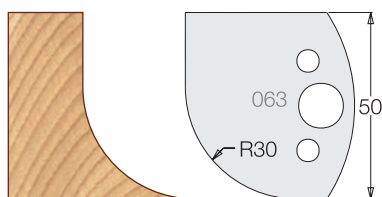
Kn 33 059 50
Li 34 059 50



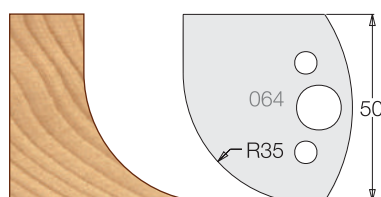
Kn 33 060 50
Li 34 060 50



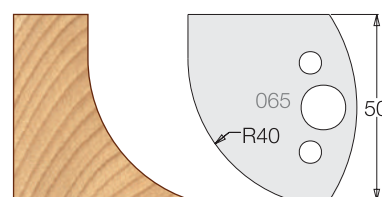
Kn 33 049 50
Li 34 049 50



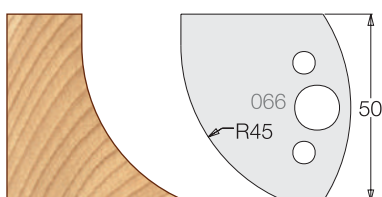
Kn 33 063 50
Li 34 063 50



Kn 33 064 50
Li 34 064 50



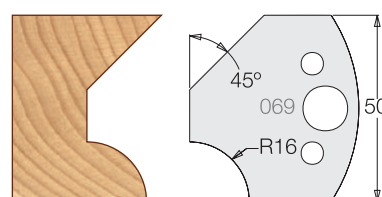
Kn 33 065 50
Li 34 065 50



Kn 33 066 50
Li 34 066 50

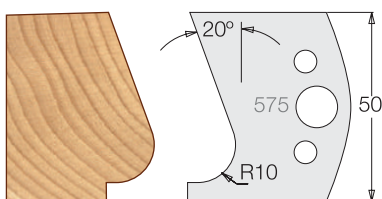


Kn 33 067 50
Li 34 067 50

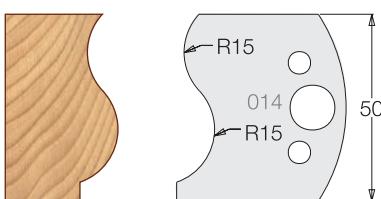


Kn 33 069 50
Li 34 069 50

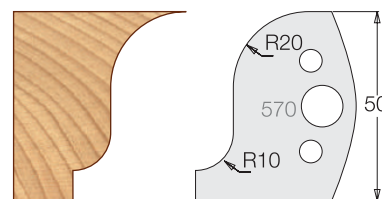
Hand & Finger Grip Profiles



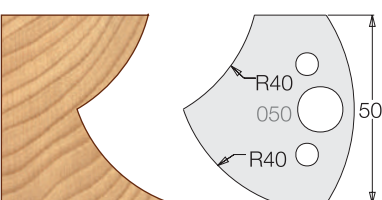
Kn 33 575 50
Li 34 575 50



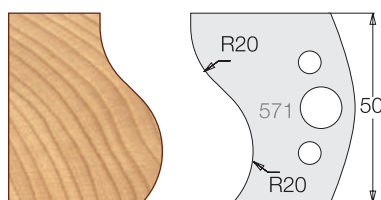
Kn 33 014 50
Li 34 014 50



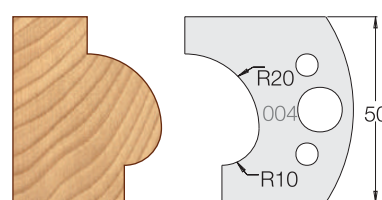
Kn 33 570 50
Li 34 570 50



Kn 33 050 50
Li 34 050 50

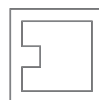


Kn 33 571 50
Li 34 571 50

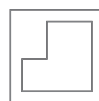


Kn 33 004 50
Li 34 004 50

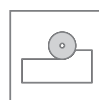
Cutters



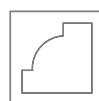
Grooving



Rebating



Planing



Profiling



Jointing



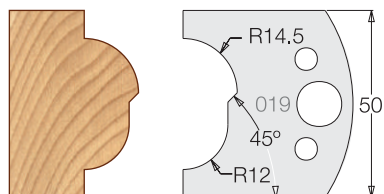
Door Frame
& Panel



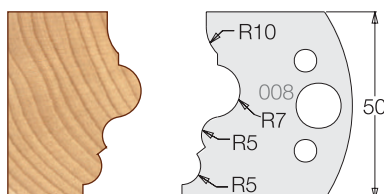
Multi Profile

Multi Profile System 50 mm

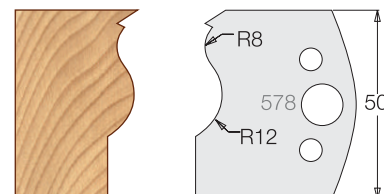
Crown Molding Profiles



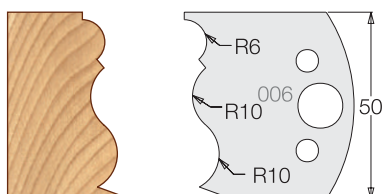
Kn 33 019 50
Li 34 019 50



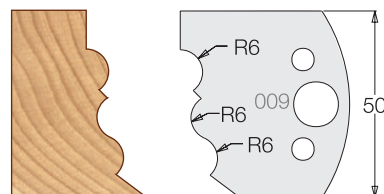
Kn 33 008 50
Li 34 008 50



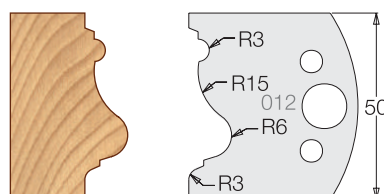
Kn 33 578 50
Li 34 578 50



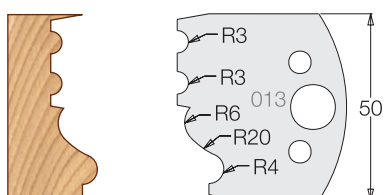
Kn 33 006 50
Li 34 006 50



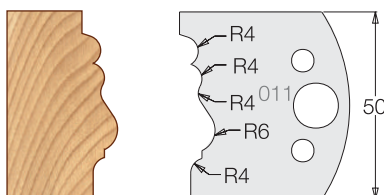
Kn 33 009 50
Li 34 009 50



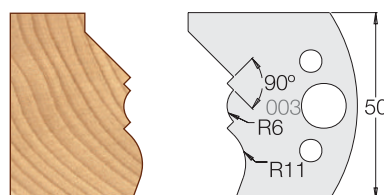
Kn 33 012 50
Li 34 012 50



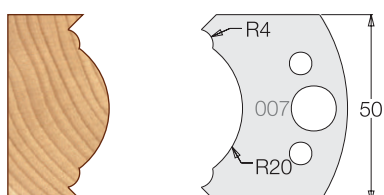
Kn 33 013 50
Li 34 013 50



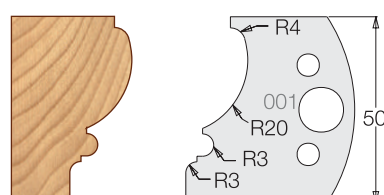
Kn 33 011 50
Li 34 011 50



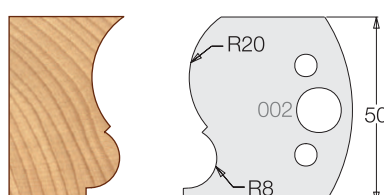
Kn 33 003 50
Li 34 003 50



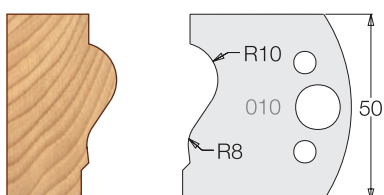
Kn 33 007 50
Li 34 007 50



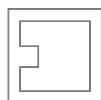
Kn 33 001 50
Li 34 001 50



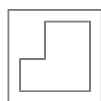
Kn 33 002 50
Li 34 002 50



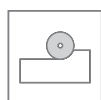
Kn 33 010 50
Li 34 010 50



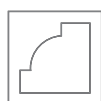
Grooving



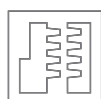
Rebating



Planing



Profiling



Jointing



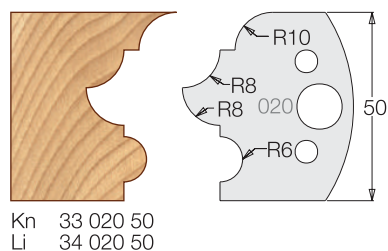
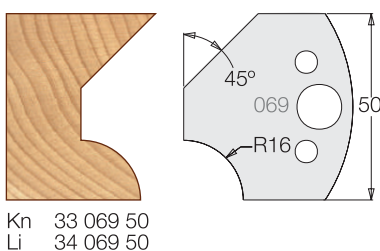
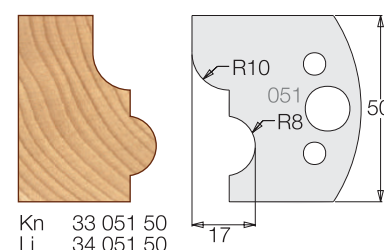
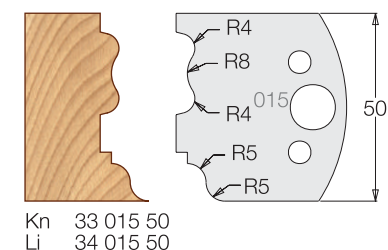
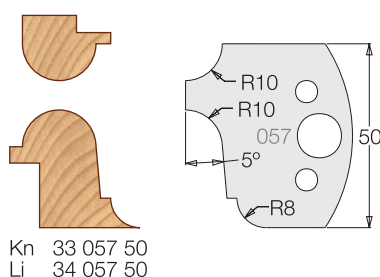
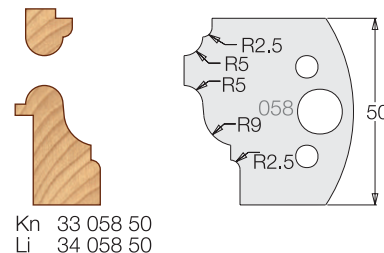
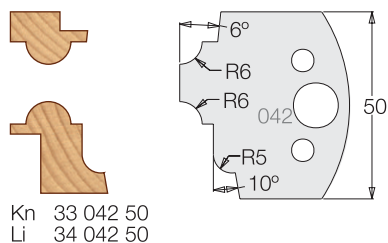
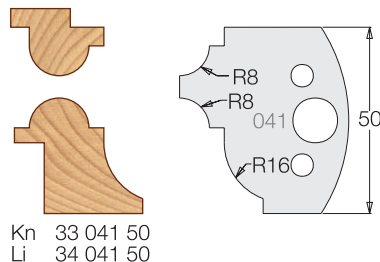
Door Frame
& Panel



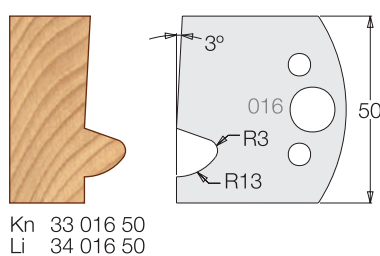
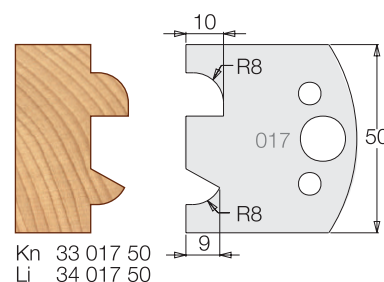
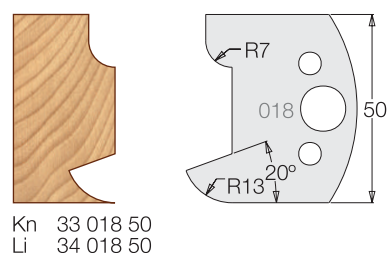
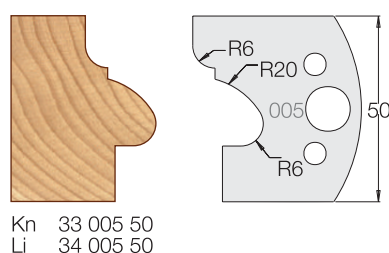
Multi Profile

Multi Profile System 50 mm

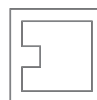
Multi Profiles



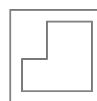
Free Style Profiles



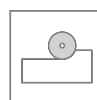
Cutters



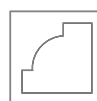
Grooving



Rebating



Planing



Profiling



Jointing



Door Frame
& Panel



Multi Profile

Drills

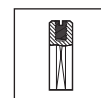
Offering a comprehensive range of industrial and professional grade drills and boring bits for the woodworking industry.

Drilling products include: Solid Carbide Drills, Machine Drill Adapters, Drilling Jigs, Lipped Brad Point Drills, Countersinks, Standard Brad Points, Forstner Bits, Hinge Boring Bits, Auger Bits, HSS Jobber Drills, Plug Cutters, Dowel Drills, Mortising Chisels and a complete line of Chuck Adapter Drills.

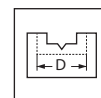
- Adapted carbide grade for extended tool life
- PTFE coated dowels and through hole drills
- Solid carbide drills

Drills INDEX

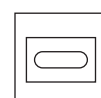
Drills



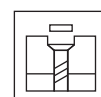
CNC &
Automatic
Machines



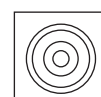
Multi
Purpose
Boring



Slot
Mortising

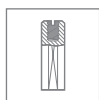


Counter
Sinking &
Plug maker



Dirose

Illustrated Visual Index	192	-	193
Technical Information	194	-	
CNC & Automatic Drilling Machines	195	-	208
Full Carbide	204		
Multi-Purpose Boring	208		210
Countersink & Plug Maker	211	-	219
Dirose	220	-	221



CNC &
Automatic
Machines



Multi
Purpose
Boring



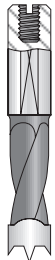
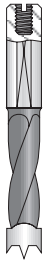
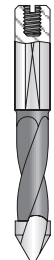
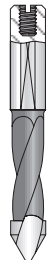
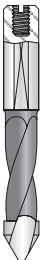
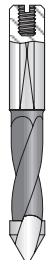
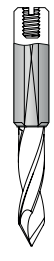
Slot
Mortising

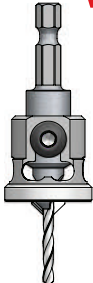
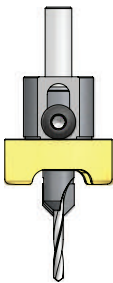
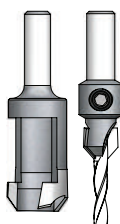
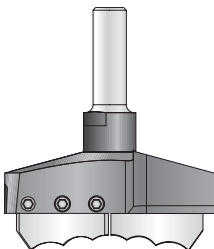
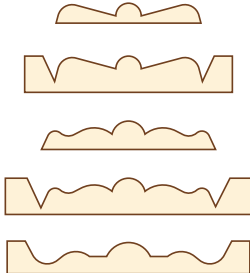


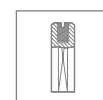
Counter
Sinking &
Plug maker



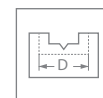
Dirose

					
201 Bk - Dowel Drill 57.5, 70mm	201 Bk - Dowel Drill 77, 85, 105mm	201 Bk - Dowel Drill - Double Flute 57.5mm	201 Bk - Dowel Drill Double Flute 70-77mm	201 Bk - Dowel Drill - Double Flute 8mm Shank. 55.5, 67mm	201 Bk - Dowel Drill - for Mafell 8mm Shank. 57.5mm
195	196	197	198	199	199
					
206 Bk - Dowel Drill extended life time 57.5, 70, 77mm	201 Bk - Through Hole Drilling 57.5mm	201 Bk - Through Hole Drilling 70mm	201 Bk - Through Hole Drilling 77mm	201 Bk - Through Hole Drilling 8mm Shank 55.5, 67mm	Ditec™ Dowel Drill 57.5, 70mm
200	201	201	202	202	203
					
Ditec™ Through Hole Drilling 57.5, 70mm	Ditec™ - Solid Dowel Drill 57.5, 70mm	Ditec™ - Solid Carbide Through Hole Drill 57.5, 70mm	203 Bk - Cylinder Bor- ing Bit - Combi System 57.5, 70, 77mm	203 T - Combi Chuck	Reduction Bushing for Combi Chuck
203	204	204	205	206	207
					
2039 - Chuck Adapter for Solid HM Or HSS Drills	2022 - Countersink for Dowel Drills	2034 Cylinder Boring Bit For Router Machine	203 BM - Adjustable Cylinder Boring Bit	203 BM - Adjustable Cylinder Boring Bit	203 B Cylinder Boring Bit
207	208	208	209	209	210

					
Countersink with Low friction Depth-Stop	Countersink with Low friction Depth-Stop	Countersink With Depth Stop-PRO	Countersink With Depth Stop-PRO	Carbide Tipped Countersink	Carbide Tipped Countersink
212	212	213	213	214	214
					
Carbide Tipped Countersink	Carbide Tipped Counterbore (flat bottom)	Carbide Tipped Countersink	Carbide Tipped Counterbore	3 Steps Drill for laminated chipboard	Dicount - Multi Diameter Countersink
215	215	216	216	216	217
					
Carbide Tipped Countersink	Plug Cutters - Self Ejecting	Countersink & Plug Set	Carbide Tipped Plug Cutters - 2 flutes	HSS Drills	HSS Taper Point Drills
217	217	218	218	219	219
					
HSS Stepped Drills	Dirose	Profile for Dirose.			
219	220	221			



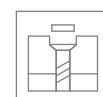
CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising



Counter
Sinking &
Plug maker

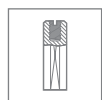


Dirose

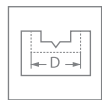
Drills

DIMAR DRILLS SELECTION GUIDE

Drills



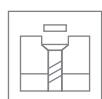
CNC &
Automatic
Machines



Multi
Purpose
Boring



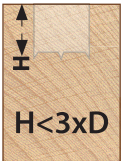
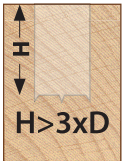
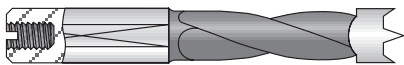
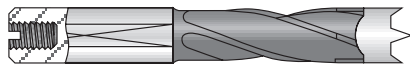
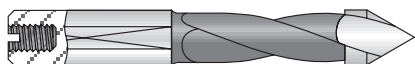
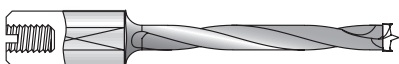
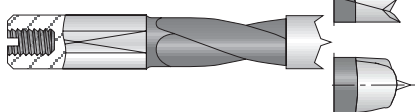
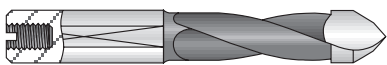
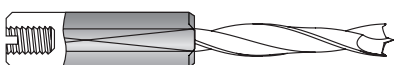
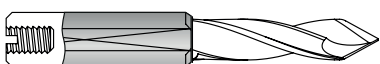
Slot
Mortising



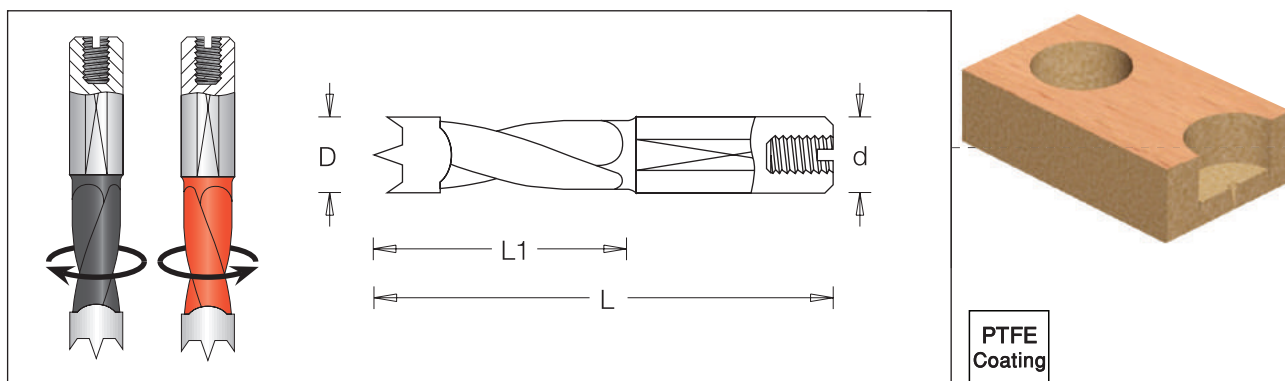
Counter
Sinking &
Plug maker



Dirose

	Blind Holes		Through Hole	Life Time		Drilling Feed speed	
	 H<3xD	 H>3xD		Good	Excellent	Low	High
201 Dowel Drill for Blind Holes 	✓			✓		✓	
201 Dowel Drill Double Flute 		✓		✓		✓	
201 Through Hole Drill 			✓	✓		✓	
201 Dowel Drill - Extended Life Time 	✓				✓	✓	
201 Ditec Dowel Drills 	✓				✓	✓	
201 Ditec Through Hole Drills 			✓		✓	✓	
206 Ditec Solid Carbide - Dowell Drills 		✓			✓		✓
206 Ditec Solid Carbide through Hole Drills 			✓		✓		✓

201 Bk - Dowel Drill



øD	Code No.		L1	L	ød
	Right	Left			
4.0	2012817	2012827	27	57.5	10x27
5.0	2010017	2010047	27	57.5	10x27
5.1	2010057	2010067	27	57.5	10x27
5.2	2010207	2010217	27	57.5	10x27
6.0	2010077	2010107	27	57.5	10x27
7.0	2010087	2010117	27	57.5	10x27
8.0	2010137	2010167	27	57.5	10x27
8.2	2010297	2010307	27	57.5	10x27
9.0	2010157	2010177	27	57.5	10x27
10.0	2010197	2010227	27	57.5	10x27
12.0	2010257	2010287	27	57.5	10x27



Screw
#193 000 0
M5x10

øD	Code No.		L1	L	ød
	Right	Left			
4.0	2012877	2012887	35	70	10x30
5.0	2010317	2010347	35	70	10x30
5.1	2010357	2010367	35	70	10x30
5.2	2012747	2012757	35	70	10x30
6.0	2010377	2010407	35	70	10x30
7.0	2010387	2010417	35	70	10x30
8.0	2010437	2010467	35	70	10x30
8.2	2012327	2012337	35	70	10x30
9.0	2010477	2010487	35	70	10x30
10.0	2010497	2010527	35	70	10x30
11.0	2010627	2010637	35	70	10x30
12.0	2010557	2010587	35	70	10x30



Screw
#193 000 0
M5x10

Drills



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

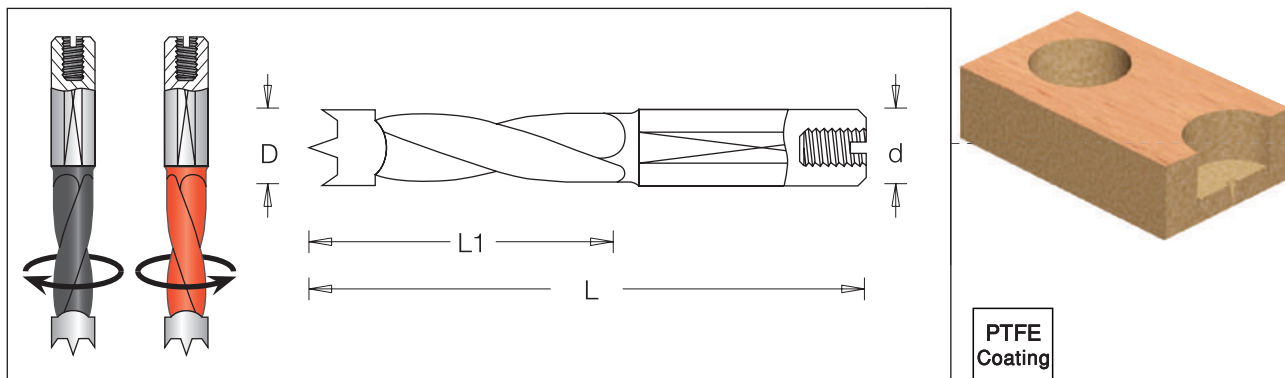


Counter
Sinking &
Plug maker



Dirose

201 Bk - Dowel Drill

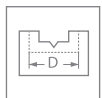


PTFE
Coating

Drills



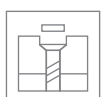
CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising



Counter
Sinking &
Plug maker



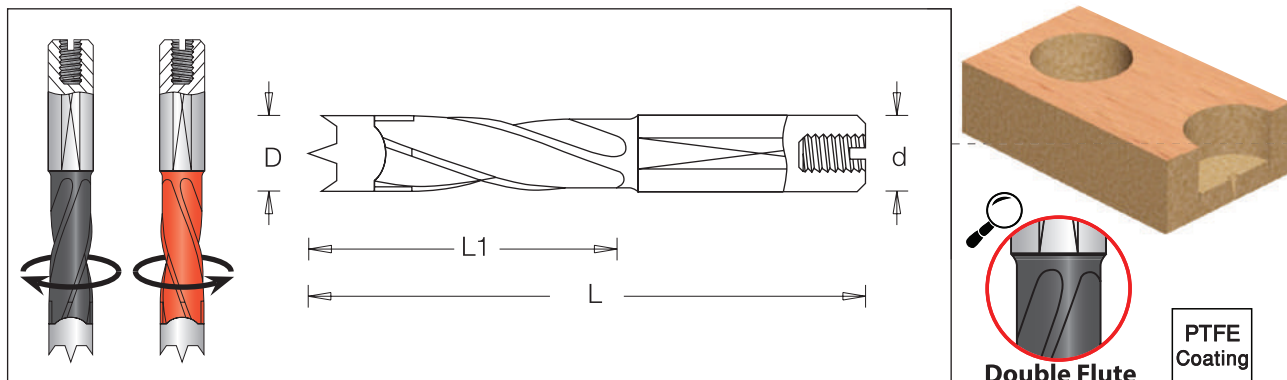
Dirose



Screw
#193 000 0
M5x10

Code No.					
øD	Right	Left	L1	L	ød
5.0	2019107	2019117	50	85	10x30
6.0	2019147	2019157	50	85	10x30
7.0	2019187	2019197	50	85	10x30
8.0	2019227	2019237	50	85	10x30
10.0	2019267	2019277	50	85	10x30

201 Bk - Dowel Drill - Double Flute



øD	Code No.		L1	L	ød
	Right	Left			
4.0	2014017	2014027	30	57.5	10x20
5.0	2014037	2014067	30	57.5	10x20
5.2	2014647	2014657	30	57.5	10x20
6.0	2014077	2014107	30	57.5	10x20
6.3	2014717	2014727	30	57.5	10x20
7.0	2014117	2014127	30	57.5	10x20
8.0	2014137	2014167	30	57.5	10x20
8.1	2015037	2015047	30	57.5	10x20
8.2	2015057	2015067	30	57.5	10x20
9.5	2015207		30	57.5	10x20
10.0	2014177	2014207	30	57.5	10x20
11.0	2015307	2015317	30	57.5	10x20
12.0	2014217	2014247	30	57.5	10x20
12.7	2015407	2015417	30	57.5	10x20
13.0	2015427	2015437	■	57.5	10x20
14.0	2015787	2015797	■	57.5	10x20
15.0	2015807	2015817	30	57.5	10x20
16.0	2015907	2015917	■	57.5	10x20

■ Available upon request



Screw
#193 000 0
M5x10



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

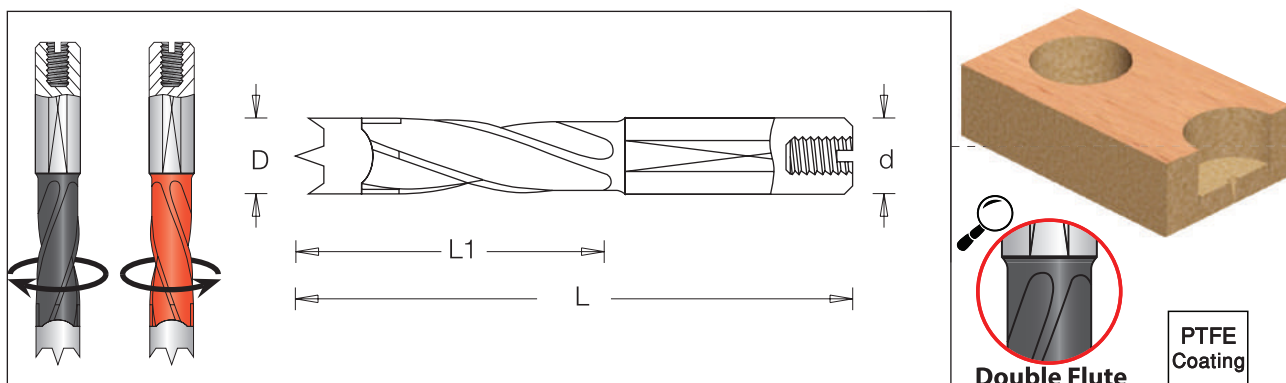


Counter
Sinking &
Plug maker



Dirose

201 Bk - Dowel Drill - Double Flute



øD	Code No.		L1	L	ød
	Right	Left			
4.0	2014327	2014347	43	70	10x20
5.0	2014337	2014367	43	70	10x20
5.1	2014287	2014297	43	70	10x20
5.2	2014307	2014317	43	70	10x20
6.0	2014377	2014407	43	70	10x20
6.3	2014587	2014597	43	70	10x20
7.0	2014417	2014427	43	70	10x20
8.0	2014437	2014467	43	70	10x20
8.1	2014877	2014887	43	70	10x20
8.2	2014897	2014907	43	70	10x20
9.0	2014917	2014927	43	70	10x20
9.5	2014937	2014947	43	70	10x20
10.0	2014477	2014507	43	70	10x20
11.0	2014487	2014557	43	70	10x20
12.0	2014517	2014547	43	70	10x20
12.7	2014567	2014577	43	70	10x20
14.0	2015947	2015957	43	70	10x20
15.0	2015967	2015977	43	70	10x20
16.0	2015987	2015997	43	70	10x20

øD	Code No.		L1	L	ød
	Right	Left			
5.0	2014737	2014767	50	77	10x20
6.0	2014777	2014787	50	77	10x20
8.0	2014837	2014867	50	77	10x20
8.2	2015547	2015557	50	77	10x20
10.0	2014957	2014967	50	77	10x20
11.0	2015707	2015717	50	77	10x20
12.0	2014977	2014987	50	77	10x20

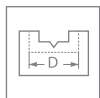


Screw
#193 000 0
M5x10

Drills



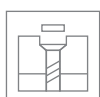
CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

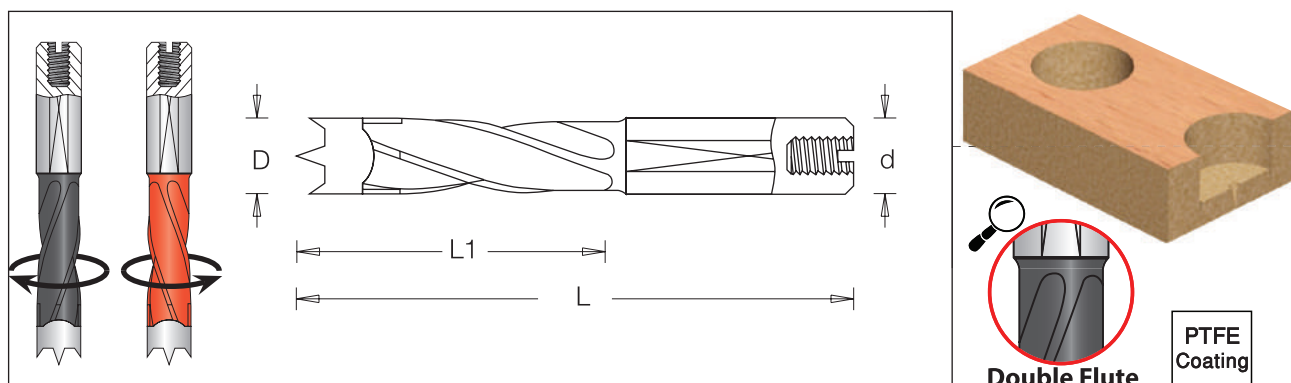


Counter
Sinking &
Plug maker



Dirose

201 Bk - Dowel Drill - Double Flute 8mm Shank



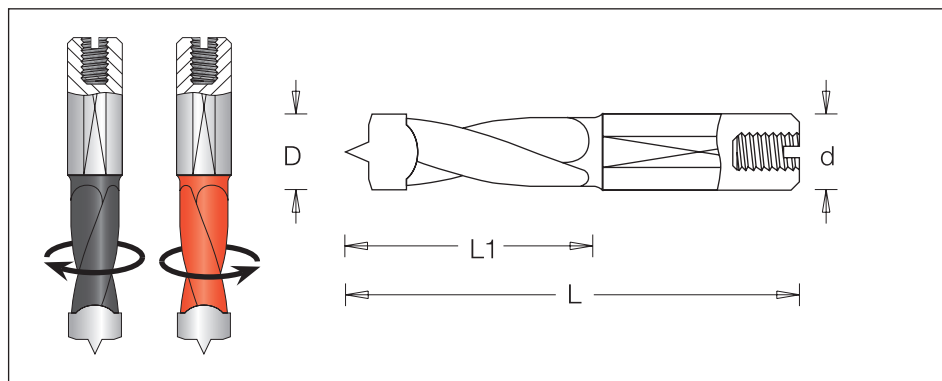
Code No.					
øD	Right	Left	L1	L	ød
5.0	2014035	2014065	30	55.5	8x20
6.0	2014075	2014105	30	55.5	8x20
8.0	2014135	2014165	30	55.5	8x20
10.0	2014175	2014205	30	55.5	8x20
12.0	2014215	2014245	30	55.5	8x20

Code No.					
øD	Right	Left	L1	L	ød
5	201433 5	2014365	40	67.0	8x20
6	201437 5	2014405	40	67.0	8x20
8	201443 5	2014465	40	67.0	8x20
9	201491 5	2014925	40	67.0	8x20
10	201447 5		40	67.0	8x20
12	201451 5	2014545	40	67.0	8x20



Screw
#193 000 0
M5x10

201 Bk - Dowel Drill - for Mafell Machine 8mm Shank



øD	Cod. No.	L1	L	ød
6.0	2013815	37	57.5	8x20
8.0	2013835	37	57.5	8x20
10.0	2013855	37	57.5	8x20
12.0	2013875	37	57.5	8x20



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

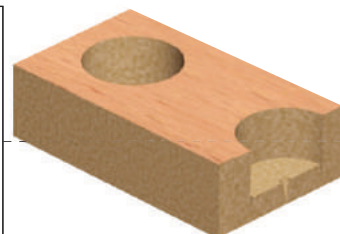
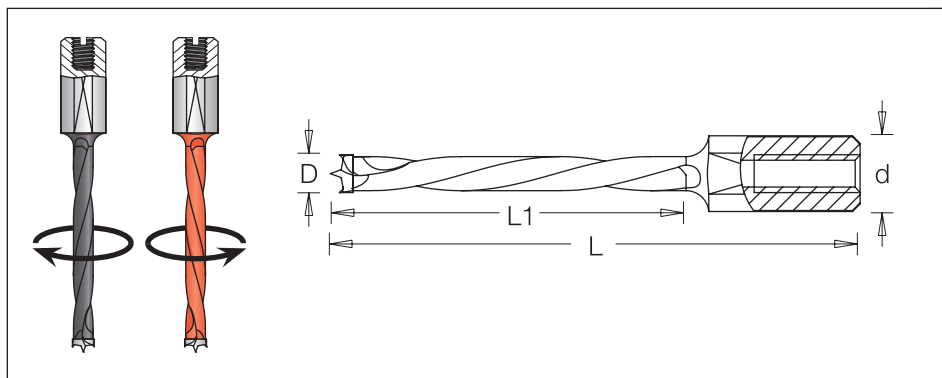


Counter
Sinking &
Plug maker



Dirose

206 Bk - Dowel Drill Extended Life-Time



PTFE
Coating



øD	Code No.		L1	L	ød
	Right	Left			
5.0	2064137	2064147	35	57.5	10x20
6.0	2064277	2064267	35	57.5	10x20
8.0	2064197	2064187	35	57.5	10x20
10.0	2064217	2064237	35	57.5	10x20

øD	Code No.		L1	L	ød
	Right	Left			
5.0	2064047	2064087	45	70	10x20
6.0	2064077	2064097	45	70	10x20
8.0	2064057	2064107	45	70	10x20
10.0	2064067	2064117	45	70	10x20

øD	Code No.		L1	L	ød
	Right	Left			
5.0	2064127	2064157	50	77	10x20
6.0	2064247	2064257	50	77	10x20
8.0	2064167	2064177	50	77	10x20
10.0	2064207	2064227	50	77	10x20

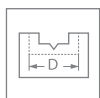


Screw
#193 000 0
M5x10

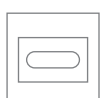
Drills



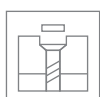
CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

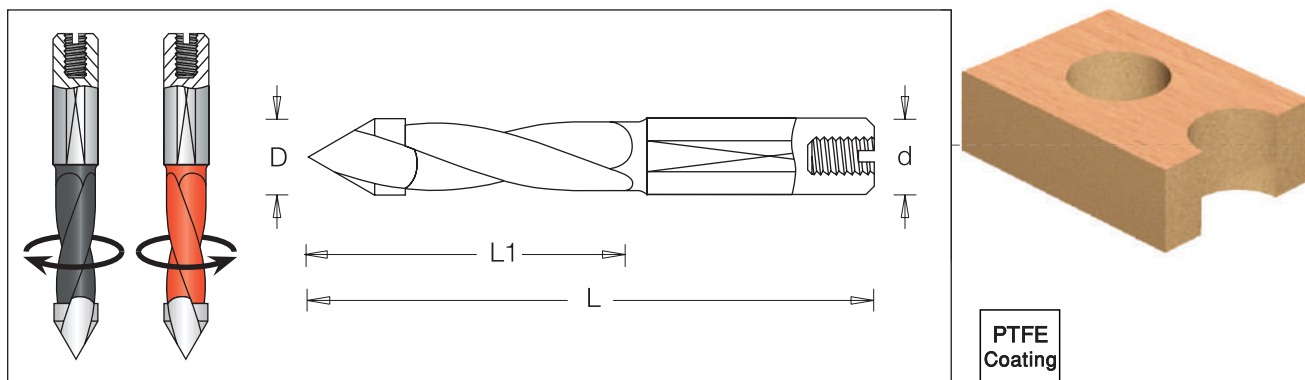


Counter
Sinking &
Plug maker



Dirose

201 Bk - Through Hole Drilling

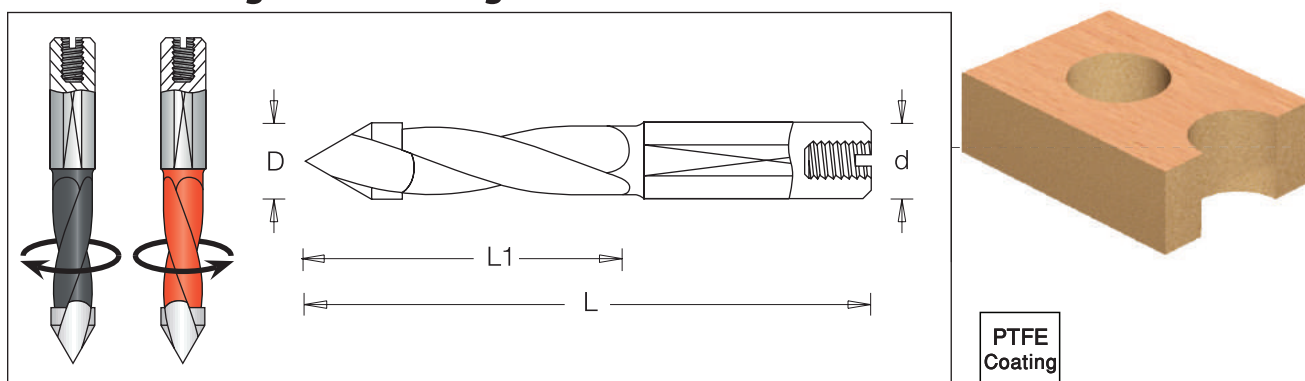


Code No.					
øD	Right	Left	L1	L	ød
4.0	2016007	2016017	25	57.5	10x25
5.0	2016047	2016057	25	57.5	10x25
6.0	2016067	2016077	25	57.5	10x25
7.0	2016507	2016517	25	57.5	10x25
10.0	2016127	2016137	25	57.5	10x25



Screw
#193 000 0
M5x10

201 Bk - Through Hole Drilling



Code No.					
øD	Right	Left	L1	L	ød
5.0	2016147	2016157	40	70	10x25
6.0	2016167	2016177	40	70	10x25
7.0	2016617	2016627	40	70	10x25
8.0	2016187	2016197	40	70	10x25
9.0	2016677	2016687	40	70	10x25
10.0	2016227	2016237	40	70	10x25
12.0	2016867	2016877	40	70	10x25



Screw
#193 000 0
M5x10

Drills



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

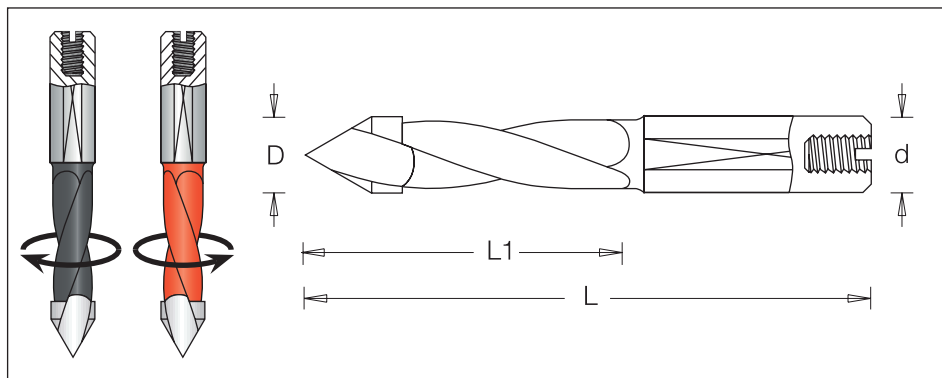


Counter
Sinking &
Plug maker



Dirose

201 Bk - Through Hole Drilling



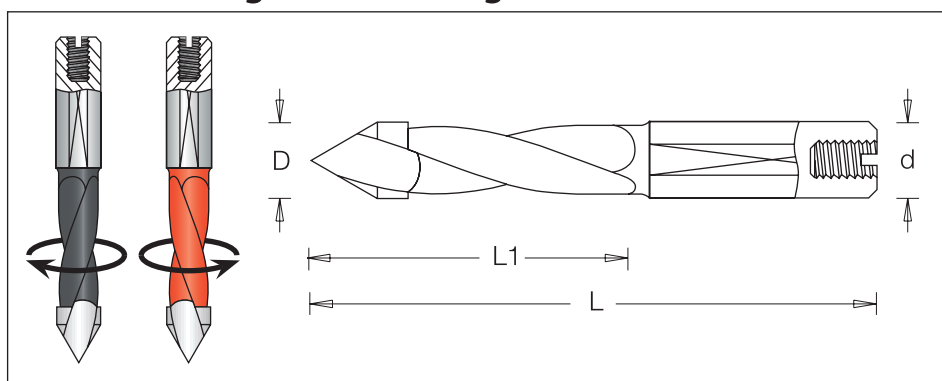
PTFE
Coating

øD	Code No.		L1	L	ød
	Right	Left			
5	2016247	2016257	45	77	10x25
6	2016267	2016277	45	77	10x25
7	2016317	2016327	45	77	10x25
8	2016287	2016297	45	77	10x25
9	2016377	2016387	45	77	10x25
10	2016417	2016427	45	77	10x25



Screw
#193 000 0
M5x10

201 Bk - Through Hole Drilling 8mm Shank



PTFE
Coating

øD	Code No.		L1	L	ød
	Right	Left			
5	2016045	2016055	25	55.5	8x20

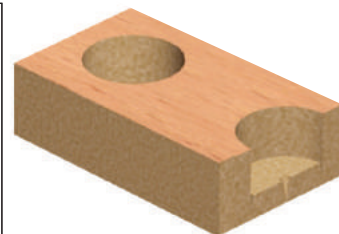
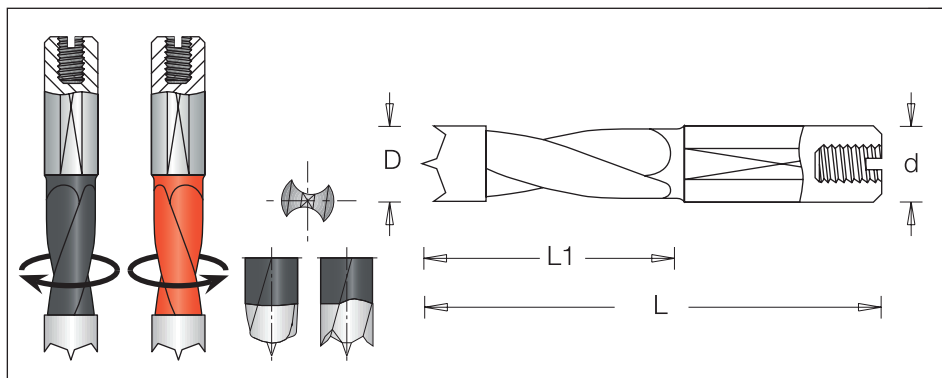


Screw
#193 000 0
M5x10

Drills

CNC & Automatic Machines

Ditec™ Dowel Drill



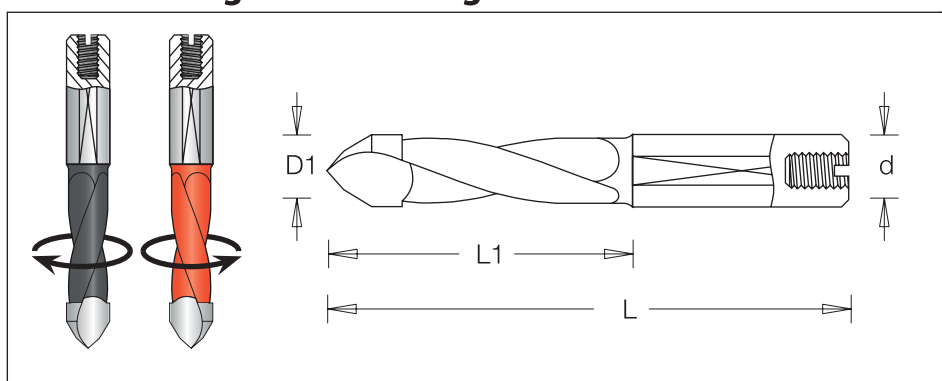
PTFE
Coating

Code No.					
øD	Right	Left	L1	L	ød
5.0	2017057	2017067	27	57.5	10x25
8.0	2017137	2017167	27	57.5	10x25
10.0	2017227	2017237	27	57.5	10x25
5.0	2017317	2017347	35	70	10x25
8.0	2017437	2017467	35	70	10x25
10.0	2017457	2017487	35	70	10x25



Screw
#193 000 0
M5x10

Ditec™ Through Hole Drilling



PTFE
Coating

Code No.					
øD	Right	Left	L1	L	ød
5.0	2017607	2017617	27	57.5	10x25
8.0	2017627	2017637	27	57.5	10x25
10.0	2017647	2017657	27	57.5	10x25
5.0	2017707	2017717	35	70	10x25
8.0	2017727	2017737	35	70	10x25
10.0	2017747	2017757	35	70	10x25

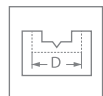


Screw
#193 000 0
M5x10

Drills



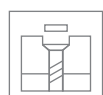
CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

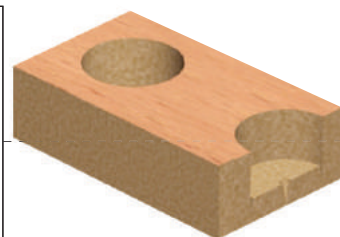
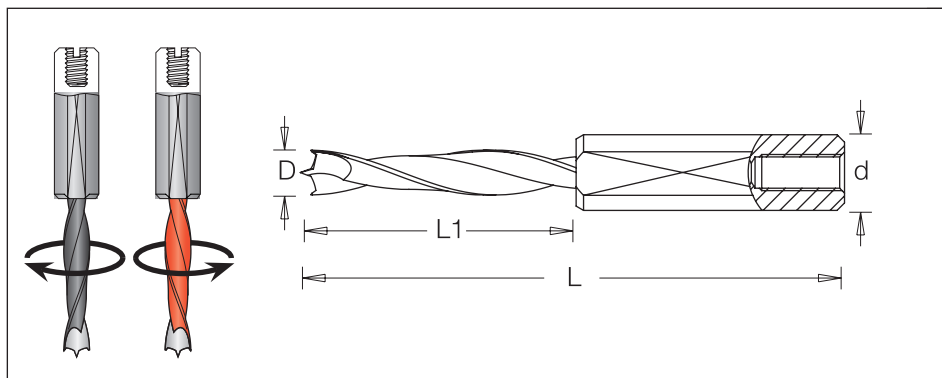


Counter
Sinking &
Plug maker



Dirose

Ditec™ Solid Carbide Dowel Drill



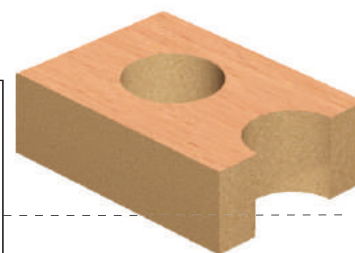
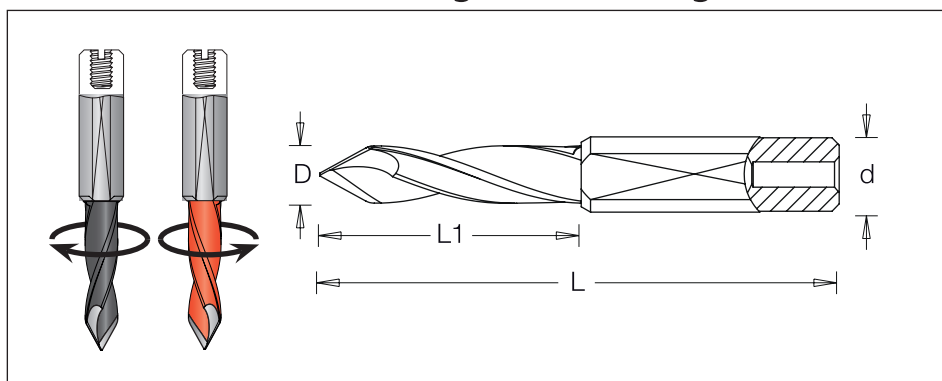
PTFE
Coating

øD	Code No.		L1	L	ød
	Right	Left			
3.0	2060007	2060017	25	57.5	10x25
5.0	2060037	2061107	25	57.5	10x25
8.0	2060067	2061097	25	57.5	10x25
3.0	2061137	2061147	40	70	10x25
4.0	2060087	2061127	40	70	10x25
5.0	2060097	2064017	40	70	10x25
8.0	2060127	2064037	40	70	10x25



Screw
#193 000 0
M5x10

Ditec™ Solid Carbide Through Hole Drilling



Double Flute

PTFE
Coating

øD	Code No.		L1	L	ød
	Right	Left			
4.0	2061007	2061117	40	70	10x25
5.0	2061017	2061047	40	70	10x25
8.0	2061037	2061067	40	70	10x25

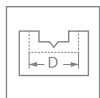


Screw
#193 000 0
M5x10

Drills



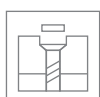
CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

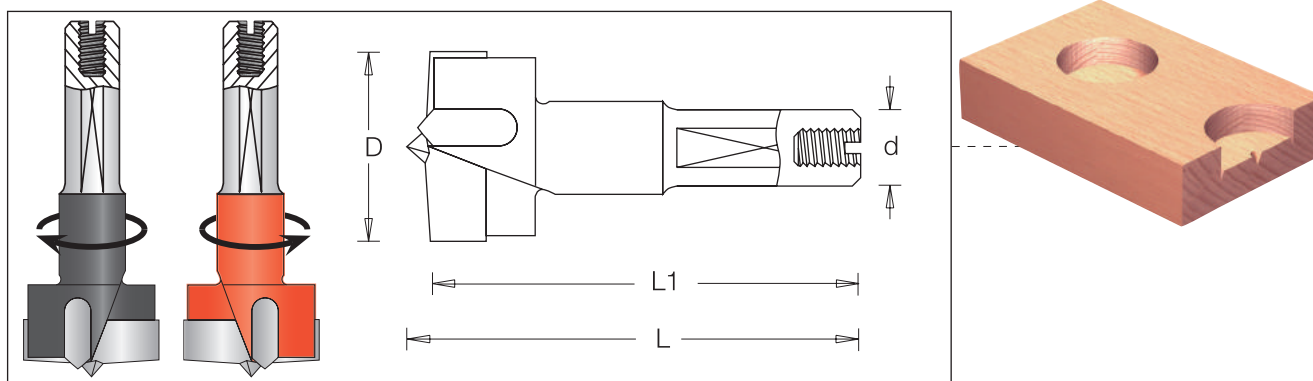


Counter
Sinking &
Plug maker



Dirose

203 Bk - Cylinder Boring Bit - Combi System



øD	Code No.		L1	L	ød
	Right	Left			
15.0	2031007	2031087	55.5	57.5	10x26
16.0	2031367	2031377	55.5	57.5	10x26
18.0	2031027	2031097	55.5	57.5	10x26
20.0	2031017	2031047	55.5	57.5	10x26
22.0	2031037	2031057	55.5	57.5	10x26
25.0	2031077	2031107	55.5	57.5	10x26
26.0	2031137	2031167	55.5	57.5	10x26
28.0	2031157	2031177	55.5	57.5	10x26
30.0	2031197	2031227	55.5	57.5	10x26
35.0	2031257	2031287	55.5	57.5	10x26
38.0	2031267	2031277	55.5	57.5	10x26
40.0	2031317		55.5	57.5	10x26



Screw
#193 000 0
M5x10

øD	Code No.		L1	L	ød
	Right	Left			
15	2031407	2031417	68	70	10x26
20	2031427	2031437	68	70	10x26
25	2031447	2031457	68	70	10x26
30	2031467	2031477	68	70	10x26
35	2031487	2031497	68	70	10x26
35	2031517		75	77	10x26



Screw
#193 000 0
M5x10

Drills



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

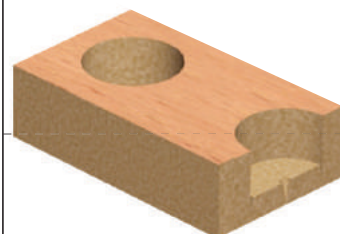
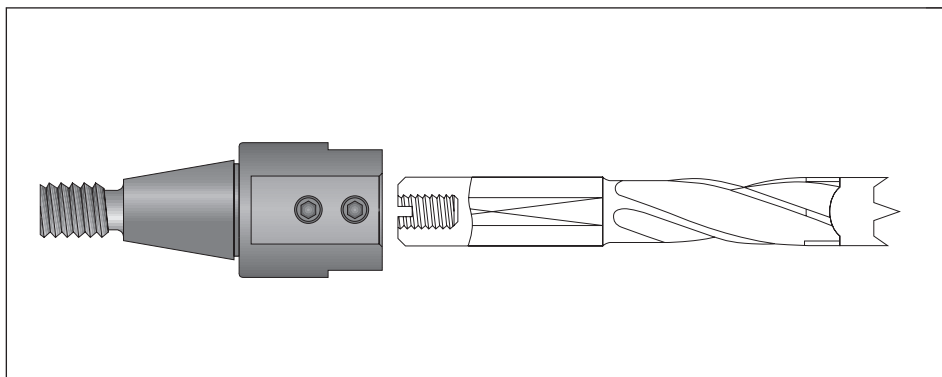


Counter
Sinking &
Plug maker



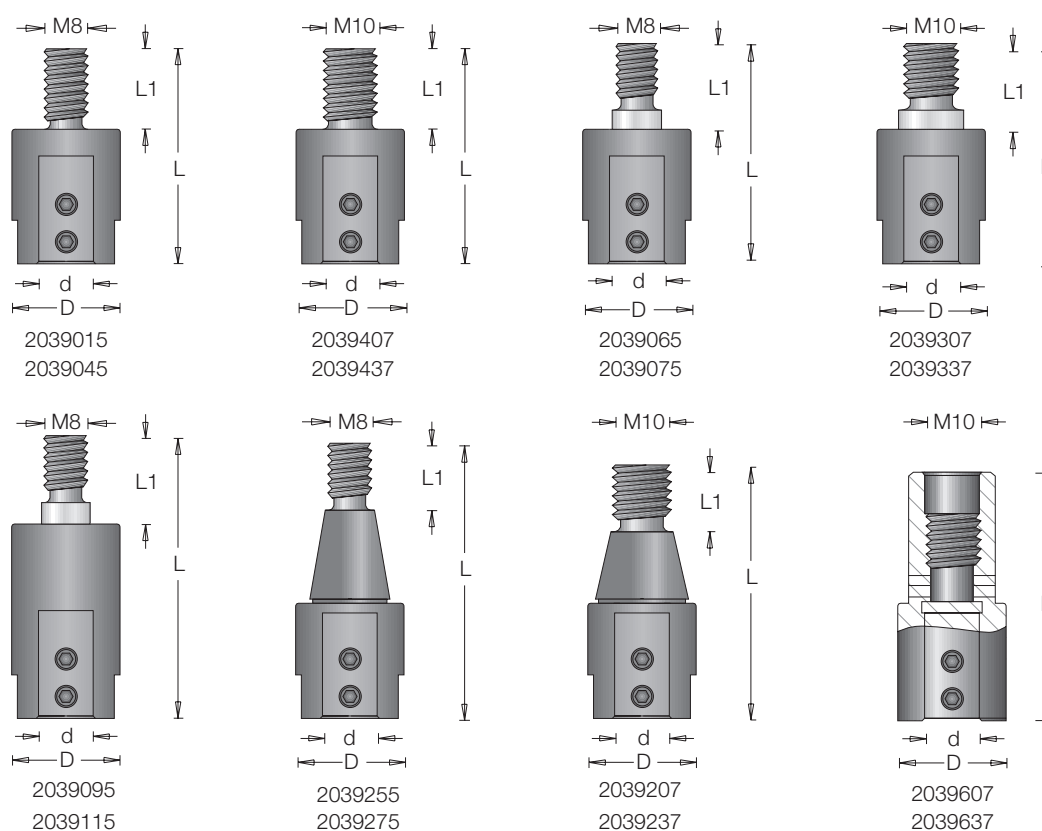
Dirose

203 T - Combi Chuck

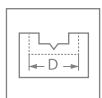


For Machines	øD	Code No.		M	L1	L	ød
		Right	Left				
Nottmeyer	20	2039015	2039045	8	15	40	10
	20	2039065	2039075	8	16	41	10
Vitap, Busselato, Ompex	20	2039207	2039237	10	12	47	10
Ayen, Torwegge, Holzma	20	2039407	2039437	10	15	40	10
Holzma, SCM	20	2039307	2039337	10	16	41	10
Morbidelli, Biesse, Torwegge							
Scheer	20	2039607	2039637	10		46	10

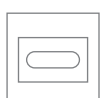
⚠ Advanced chuck system replacing thread-shank tools. Suitable for most automatic multi-spindle drilling machines.



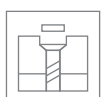
Drills



Multi Purpose Boring



Slot Mortising

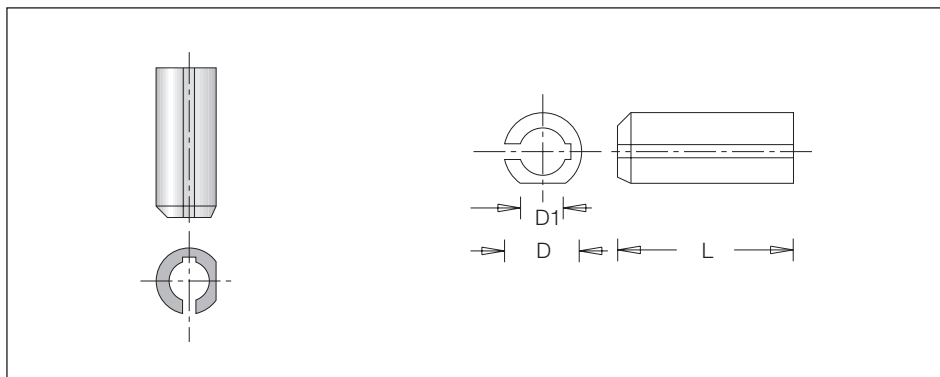


Counter Sinking & Plug maker



Dirose

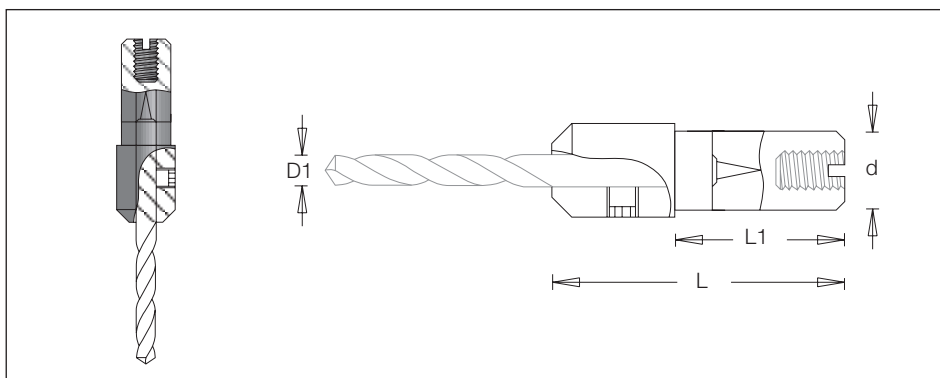
Reduction Bushing for Combi Chuck



$\varnothing D1$	$\varnothing D$	Code No.	L
2.0	10	1924560	23
2.5	10	1924570	23
3.0	10	1924510	23
3.2	10	1924580	23
3.5	10	1924520	23
4.0	10	1924530	23
5.0	10	1924540	23
6.0	10	1924600	23
7.0	10	1924610	23
8.0	10	1924550	23

! To use with solid HM or HSS Drills.
Adapts to combi chuck with two tightening screws.

2039 - Chuck Adapter for Solid HM Or HSS Drills



$\varnothing D1$	Code No.	L1	L	$\varnothing d$
2.0	2039507	22	38	10
2.5	2039517	22	38	10
3.0	2039527	22	38	10
3.2	2039537	22	38	10
3.5	2039547	22	38	10
4.0	2039557	22	38	10
5.0	2039567	22	38	10



Screw
#193 000 0
M5x10



Allen screw
193 023 0
NF1/4x28

Drills



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

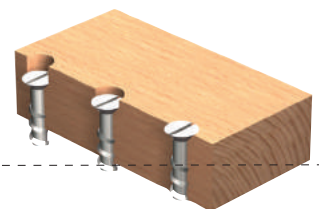
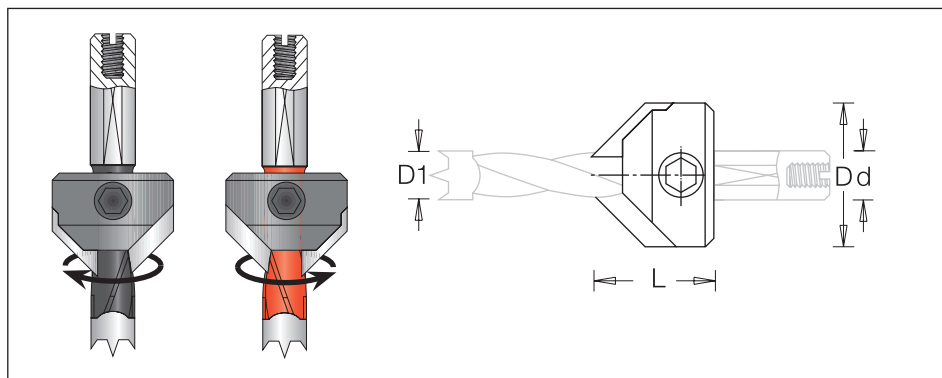


Counter
Sinking &
Plug maker



Dirose

2022 - Countersink for Dowel Drills



		Code No.		L1	ød
øD1	øD	Right	Left		
4.0	15.6	2022020	2022030	17.5	4
5.0	16.0	2022000	2022010	17.5	5
6.0	16.0	2022040	2022050	17.5	6
7.0	16.0	2022060	2022070	17.5	7
8.0	18.0	2022100	2022110	17.5	8
9.0	18.0	2022140	2022150	17.5	9
10.0	20.0	2022200	2022210	17.5	10
12.0	20.0	2022240	2022250	18.0	12
5-10	15.5	2022260*	2022270*	16.5	10
5-10	20.0	2022300*	2022310*	17.5	10



Screw
#193 000 0
M5x10

⚠ * This countersink is assembled on the shank of the drill.
Series of countersinks suitable for dowel drills.



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

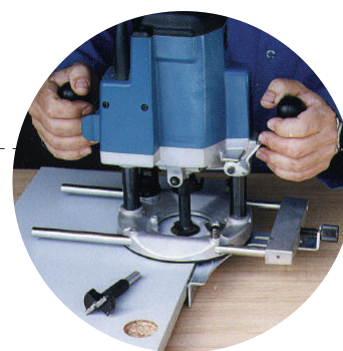
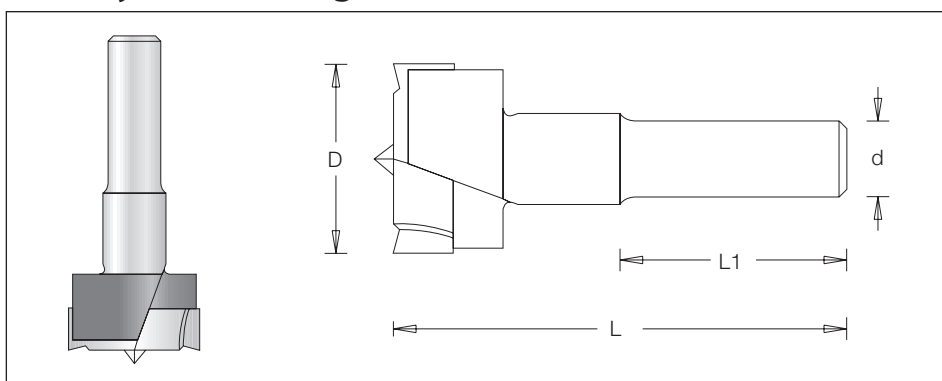


Counter
Sinking &
Plug maker



Dirrose

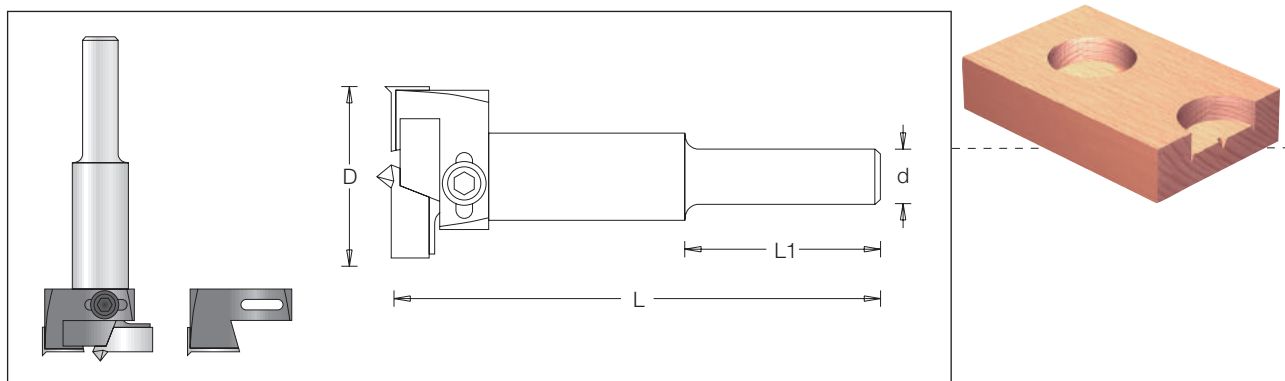
2034 Cylinder Boring Bit For Router Machine



øD	Code No.	L1	L	ød
25	2038055	30	60	8
30	2034465	30	60	8
30	2034469	30	60	12
35	2034515	30	60	8
35	2034519	30	60	12

⚠ Specially designed drills for high rotation speed.
Suitable for covered board and natural wood.

203 BM - Adjustable Cylinder Boring Bit for Bench Drilling Machine



	$\varnothing D$	Code No.	L1	L	$\varnothing d$
Complete	30.0-60.0	2035017	35	90	10

! With centering point two scorers, one fixed and one adjustable. Supplied with adjustable knife for range 30-45 mm. Additional knife for the 45-60 mm range and matching hexagon key.



Knife
#203 512 0
30-45



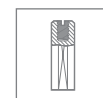
Knife
#203 520 0
45-60



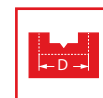
Allen screw
#193 013 0
4.8x16



Allen key
#194 010 0
5/32



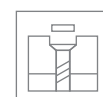
CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

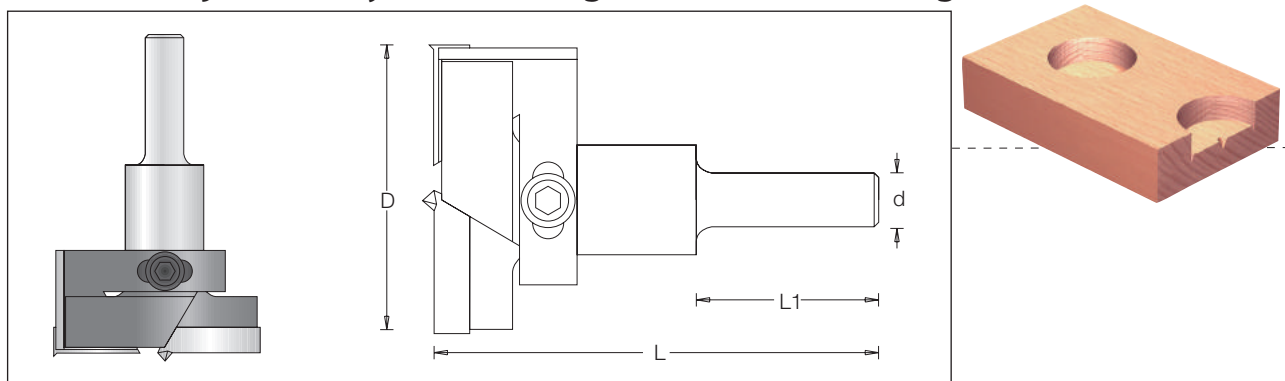


Counter
Sinking &
Plug maker



Dirose

203 BM - Adjustable Cylinder Boring Bit for Bench Drilling Machine



	$\varnothing D$	Code No.	L1	L	$\varnothing d$
Complete	60.0-80.0	2035048	40	100	12.7

! With centering point two scorers, one fixed and one adjustable covering the range of 60-80 mm. Supplied with matching hexagonal key.

Spare Parts:



Knife
#203 525 0
60-80

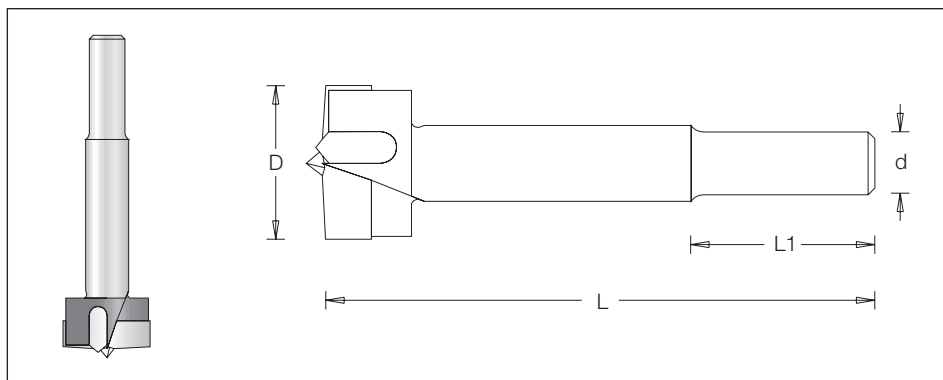


Allen screw
#193 010 0
6.3x19



Allen key
#194 007 0
3/16

203 B Cylinder Boring Bit



øD	Code No.	L1	L	ød
8	2033087	30	90	10
10	2033107	30	90	10
12	2033127	30	90	10
13	2033137	30	90	10
14	2033147	30	90	10
15	2033157	30	90	10
16	2033167	30	90	10
17	2033177	30	90	10
18	2033187	30	90	10
19	2033197	30	90	10
20	2033207	30	90	10
21	2033217	30	90	10
22	2033227	30	90	10
23	2033237	30	90	10
24	2033247	30	90	10
25	2033257	30	90	10
26	2033267	30	90	10
27	2033277	30	90	10
28	2033287	30	90	10
29	2033297	30	90	10
30	2033307	30	90	10
31	2033317	30	90	10
32	2033327	30	90	10
33	2033337	30	90	10
34	2033347	30	90	10
35	2033357	30	90	10
36	2033367	30	90	10
37	2033377	30	90	10
38	2033387	30	90	10
39	2033397	30	90	10
40	2033407	30	90	10
42	2033427	38	90	10
45	2033457	38	90	10
48	2033487	38	90	10
50	2033507	38	90	10
55	2033557	38	90	10
58	2033587	38	90	10
60	2033607	38	90	10

Drills



CNC &
Automatic
Machines



Multi
Purpose
Boring



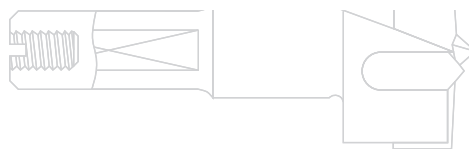
Slot
Mortising



Counter
Sinking &
Plug maker



Direse



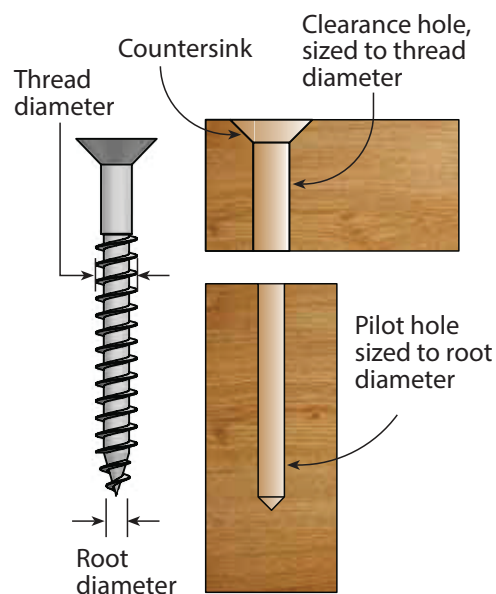
Joining Wood with Screws

When joining 2 pieces of wood using screws, it is essential to pre-drill and countersink in order to achieve an esthetic and long lasting finish.

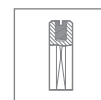
- Pilot hole - in the bottom board.
- Clearance hole and Countersink - in the top board.

The pilot hole diameter should roughly match the root diameter of the screw. It can be slightly smaller for softwood.

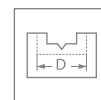
The clearance hole should be slightly larger than the diameter of the threads. For decking jobs, it is not usually necessary to pre-drill the bottom board, as it will always be hidden from view.



Countersink & Stop for a long lasting perfect joint.



CNC & Automatic Machines



Multi Purpose Boring



Slot Mortising



Counter Sinking & Plug maker



Dirose

Drills

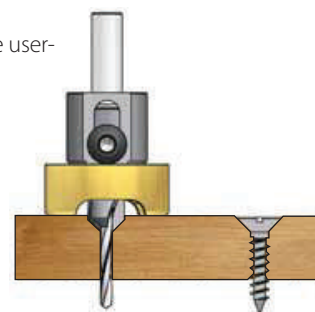
Counter Sinking & Plug maker

For Clean Surface and Simple Depth Control. No Scratches! No Burn Marks!

Unique adjustable depth-stops, developed for quick and easy adjustment of the countersink depth. The user-friendly design enables easy control of the drill length and its replacement.

Disassembly of the Depth-Stop is not needed.

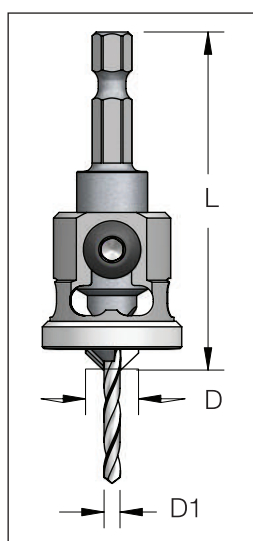
Special double-sided hex key (1/8" x 4) included.



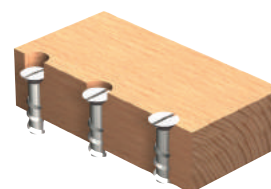
Countersink with Low Friction Depth-Stop

Antifriction polymer collar.

1/4" HEX shank. Slow Spiral HSS drill included.



D1	D	Code No.	L
3.2	9.5	2027050	60
3.6	12.7	2027060	60
4.0	9.5	2027070	60
5.0	12.7	2027100	70
6.0	12.7	2027110	70



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising



Counter
Sinking &
Plug maker

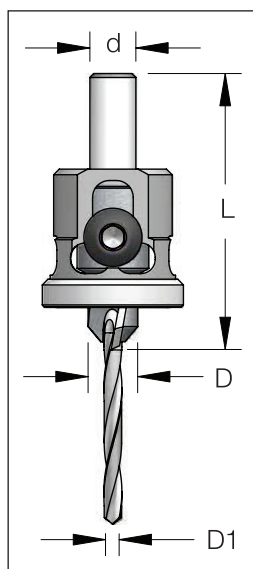


Dirose

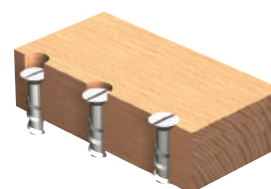
Countersink with Low Friction Depth-Stop

Antifriction polymer collar.

Round shank. Slow Spiral HSS drill included.



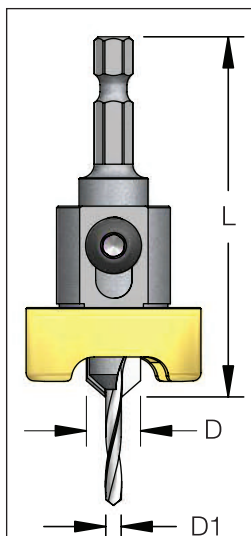
D1	D	Code No.	L	d
3.2	9.5	2027635	49	8
3.2	12.7	2027645	51	8
4.0	10	2027675	50	8
4.8	12.7	2027706	51	9.5
5.0	12	2027726	51	9.5
6.0	12.7	2027736	51	9.5



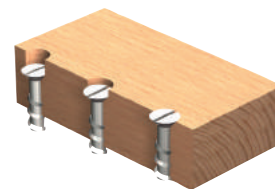
Countersink with Depth Stop-PRO

Non-Friction metal stopper with thrust ball bearing.

Assures a strong and long lasting tool. Efficient and easy chip evacuation Quick-Change 1/4" (6.3mm) HEX shank. HSS drill included.



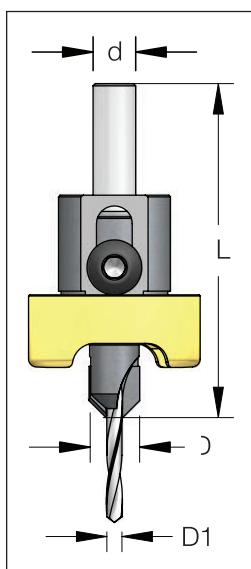
D1	D	Code No.	L
3.2	9.5	2027210	66
3.6	9.5	2027220	66
4.0	9.5	2027230	66
4.4	12.7	2027240	70



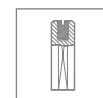
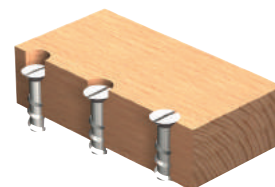
Countersink with Depth Stop-PRO

Non-Friction metal stopper with thrust ball bearing.

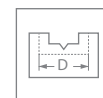
Assures a strong and long lasting tool. Efficient and easy chip evacuation Quick-Change 1/4" (6.3mm) HEX shank. HSS drill included.



D1	D	Code No.	L	d
5.0	12	2020917	65	10
6.0	12.7	2020927	65	10



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

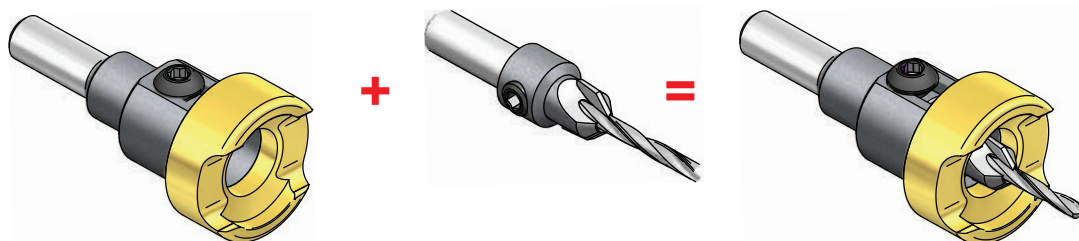


Counter
Sinking &
Plug maker



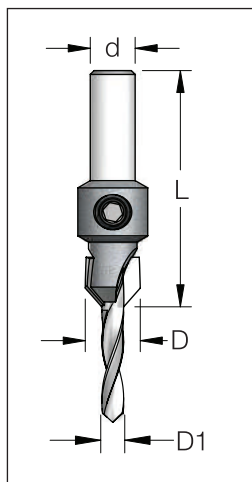
Dirose

Countersink Adaptor and Stop PRO. for Clean Surface and Simple Depth Control.

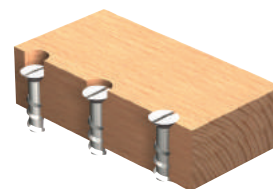


Carbide Tipped Countersink

Slow Spiral HSS drill included.
Round shank.

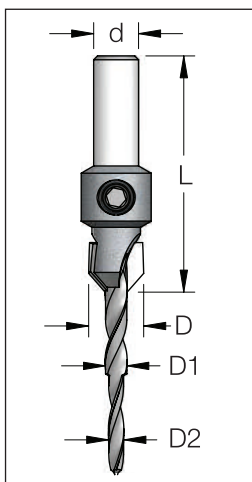


D1	D	Code No.	L	ød
2.4	8.0	2021250	43	8.0
3.2	8.0	2021280	43	8.0
3.2	9.5	2021300	44	8.0
3.2	12.7	2021330	43	8.0
3.6	10.0	2021350	43	8.0
4.0	10.0	2021400	43	8.0
4.4	10.0	2021450	49	8.0
4.8	12.7	2021550	47	9.5
5.0	12.0	2021580	51	9.5
5.6	12.7	2021530	49	9.5
6.0	12.7	2021600	47	9.5
6.3	12.7	2021650	47	10.0
6.3	13.5	2021630	47	10.0

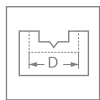
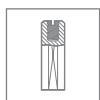
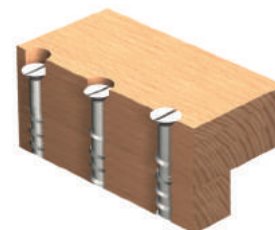


Carbide Tipped Countersink

Stepped HSS drill included. Round shank.



D1	D2	D	Code No.	L	ød
3.6	2.4	10.0	2022515	44	8.0
5.0	3.5	12.0	2022546	51	9.5

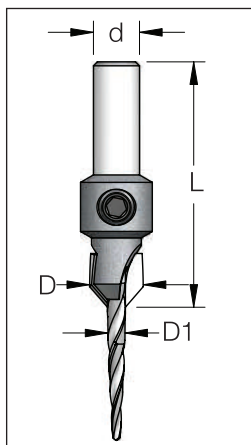


Drills

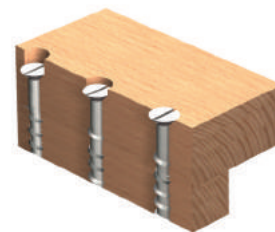
Counter Sinking & Plug maker

Carbide Tipped Countersink

Taper Point HSS drill included.
Round shank.

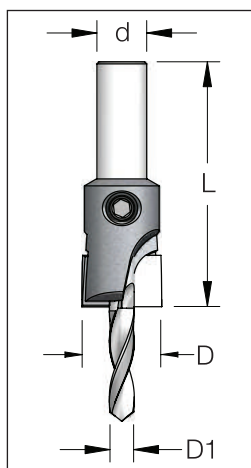


D1	D	Code No.	L	ød
3.2	9.5	2021300	44	8.0

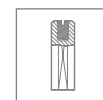
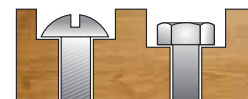


Carbide Tipped Counterbore (Flat Bottom)

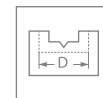
Slow Spiral HSS drill included. Round shank.



D1	D	Code No.	L	ød
3.2	9.5	2022705	48	8.0
4.8	12.7	2022736	48	9.5
5.6	12.7	2022746	48	9.5
6.0	12.7	2022756	48	9.5
6.3	12.7	2022766	48	9.5



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising



Counter
Sinking &
Plug maker



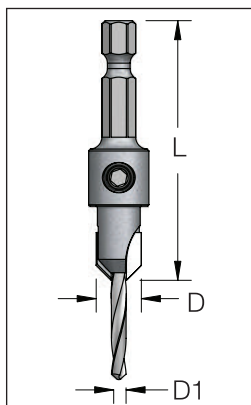
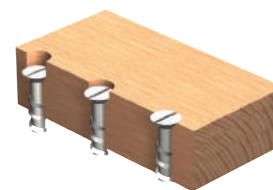
Dirose

Drills

Counter Sinking & Plug maker

Carbide Tipped Countersink

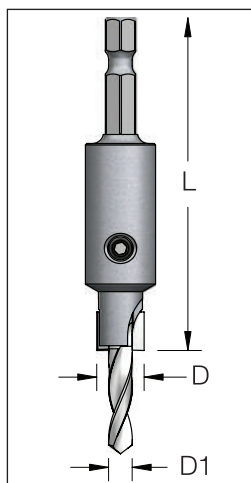
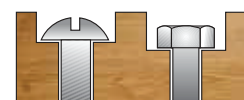
HSS drill included. Quick-Change 1/4" (6.3mm) HEX shank.



D1	D	Code No.	L
2.4	9.5	2020410	54
2.8	9.5	2020430	54
3.2	9.5	2020150	54
3.6	12.7	2020450	54
4.0	9.5	2020460	54
4.8	12.7	2020470	70
5.0	12.7	2020480	70
6.0	12.7	2020490	70
6.0	15.0	2020500	70

Carbide Tipped Counterbore

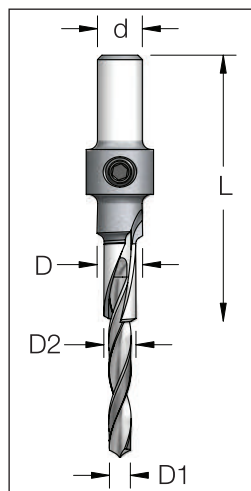
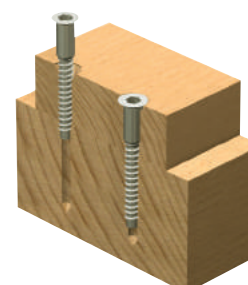
Slow Spiral HSS drill included.
Quick-Change 1/4" (6.3mm) HEX shank.



D1	D2	Code No.	L
4.8	12.7	2020560	70
6.3	12.7	2020590	70

3 Steps Drill for Laminated Chipboard

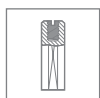
Countersink *DHN treated. Slow Spiral HSS drill included. Round shank.



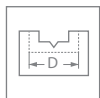
D1	D2	D	Code No.	L	ød
3.5	5.0	7.0	2026057	60	10
5.0	7.0	10.0	2026107	60	10

* DHN - Advanced surface treatment for extended life

Drills



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising



Counter
Sinking &
Plug maker



Dirose

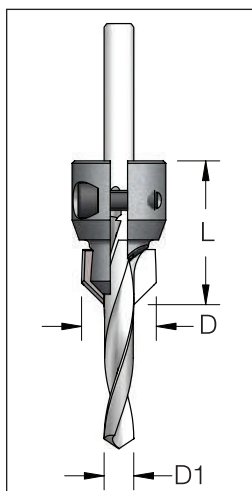
Drills

Counter Sinking & Plug maker

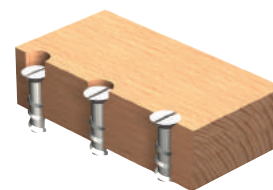
Dicount - Multi Diameter Countersink

Slow Spiral HSS drill included.

One tool fits over drills of different sizes



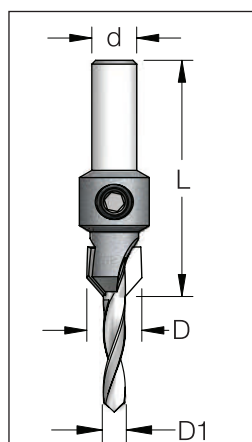
D1	D	Code No.	L
3.0 - 7.2	11.3 - 15.3	2020000	32



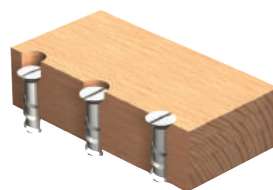
Carbide Tipped Countersink

Slow Spiral HSS drill included.

Round shank.



D1	D	Code No.	L	ød
3.0	10	2022305	48	8
3.2	10	2022325	48	8
3.5	10	2022355	48	8
3.6	10	2022365	48	8
4.0	10	2022405	48	8
4.4	10	2022455	48	8
5.0	10	2022505	48	8



CNC &
Automatic
Machines



Multi
Purpose
Boring



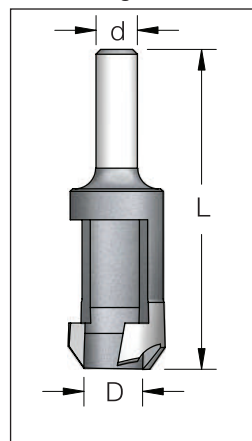
Slot
Mortising

Plug Cutters - Self Ejecting

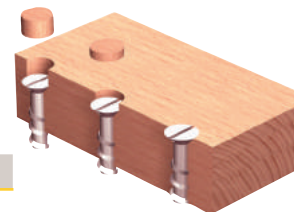
Heat-treated and DHN treated.

One Flute. For best results use drill press.

Quick-Change 1/4" (6.3mm) HEX Shank.



D1	Code No.	L	ød
9.5	2034055	61	8
10.0	2034015	61	8
12.0	2034065	61	8
12.7	2034025	61	8
16.0	2034037	75	10
19.0	2034047	75	10



Counter
Sinking &
Plug maker



Dirose

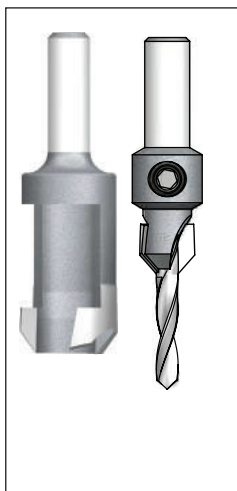
Drills

Counter Sinking & Plug maker

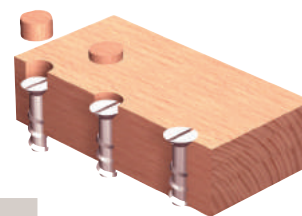
Countersink & Plug Set

Includes TCT countersink bits with different drill diameters and a 10mm plug cutter, which fits with all countersinks.

Round shanks 8mm.



øD	D	Set No.
3.5	10	2023355
4.0	10	2023405
5.0	10	2023505



Drills



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising



Counter
Sinking &
Plug maker

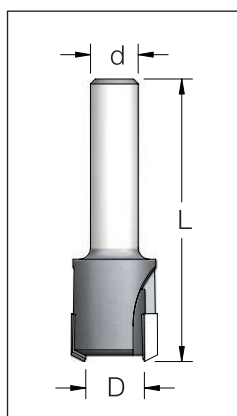


Dirose

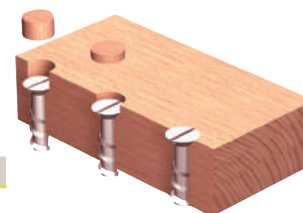
Carbide Tipped Plug Cutters - 2 flutes

Drill press must be used.

For making plugs up to 16mm Long.



D1	Code No.	L	ød
9.5	2020603	58	6
12.7	2020659	65	12

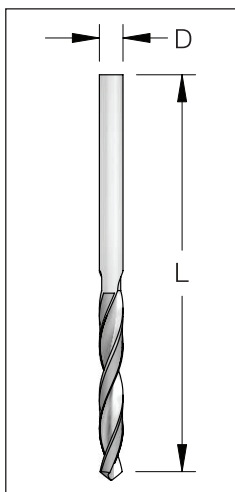


Drills

Counter Sinking & Plug maker

HSS Drills

DIN 338. M2 Fully ground. Round shanks 8mm.

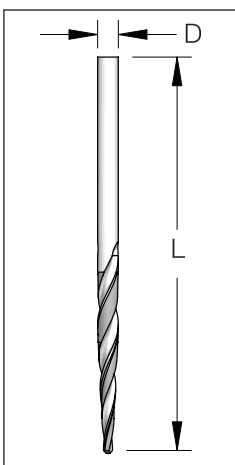


øD	Set No.	L
3.2	440071	65
3.6	440082	70
4.0	440094	75
4.8	440119	86
5.0	440125	86
5.6	440143	93
6.0	440155	93
6.3	440164	101

HSS Taper Point Drills

M2 Fully ground.

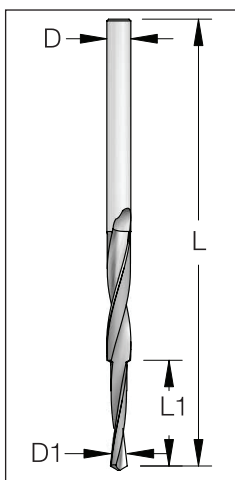
Unique solution for one drilling operation of: Pilot hole + Clearance hole.



øD	Set No.	L
2.4	443001	75
3.2	443003	70
3.6	443004	73
4.0	443005	80
4.8	443007	89
5.0	443008	89
6.0	443010	98

HSS Stepped Drills

M2 Fully ground.



D	D1	Code No.	L	L1
2.4	3.6	445001	70	16
3.2	4.4	445003	80	22
5.0	7.1	445005	109	25

Drills



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising

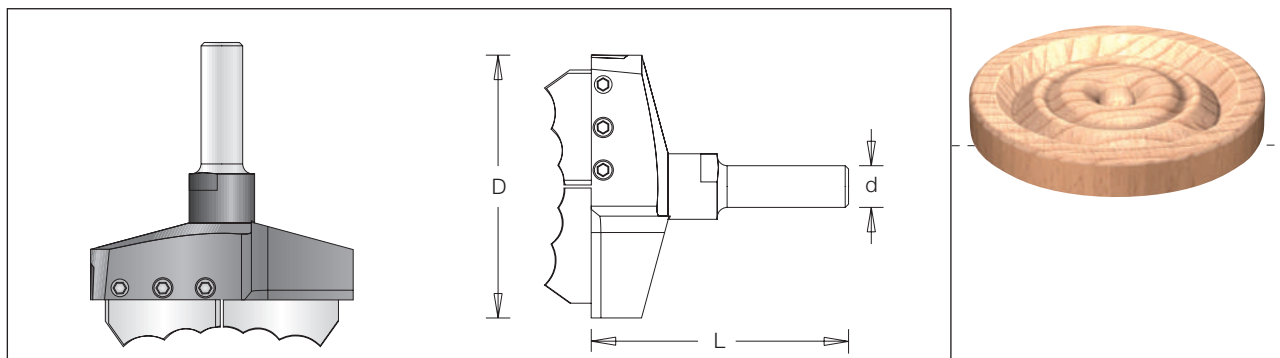


Counter
Sinking &
Plug maker



Dirose

Dirose™ Profile for Rosettes.



	øD	Code No.	L	ød
Dirose	79.6	1800019	81	12

Spare Parts:

⚠ Check that the speed is suitable for the type of wood being worked:
 MDF: 3000-6000 RPM
 Soft Wood: 3000-6000 RPM
 Hard Wood: 1500-2000 RPM



CNC &
Automatic
Machines



Multi
Purpose
Boring



Slot
Mortising



Counter
Sinking &
Plug maker

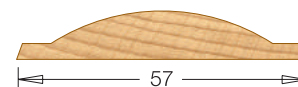


Dirose

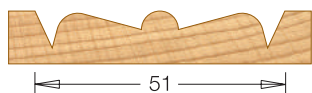
1800010 *



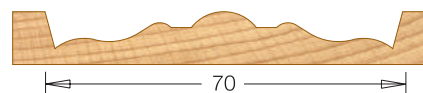
1800040



1800010



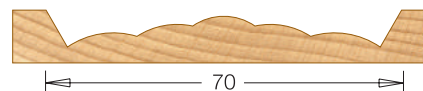
1800050



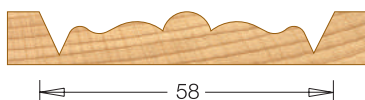
1800020 *



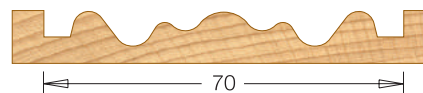
1800060



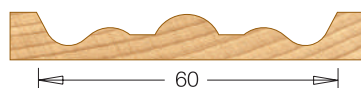
1800020



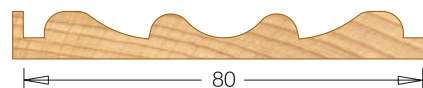
1800070



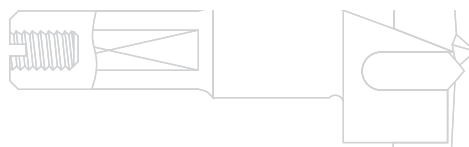
1800030



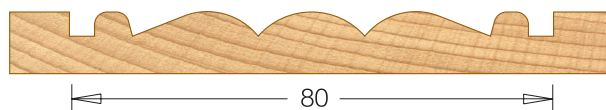
1800080



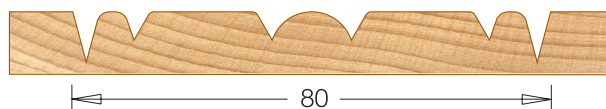
⚠ * With this knife it is possible to execute both a depressed rosette in the wood and a protruding rosette (button) for gluing.



1800090



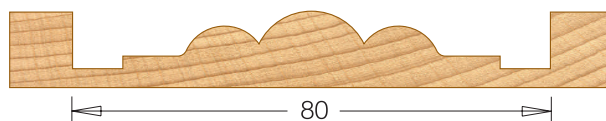
1800100



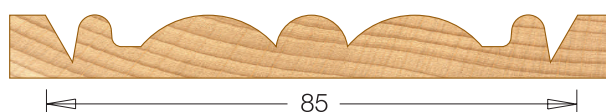
1800100 *



1800110



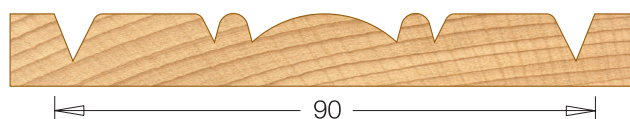
1800120



1800120 *



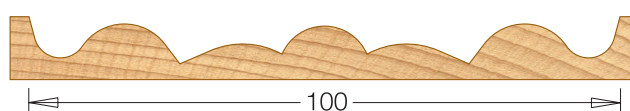
1800130



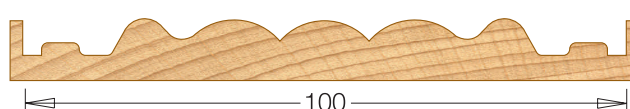
1800130 *



1800140

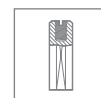


1800150

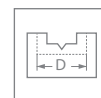


⚠ * With this knife it is possible to execute both a depressed rosette in the wood and a protruding rosette (button) for gluing.

Drills



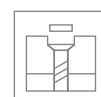
CNC & Automatic Machines



Multi Purpose Boring



Slot Mortising

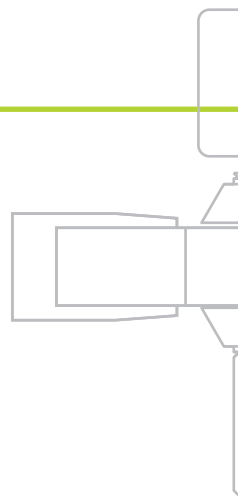


Counter Sinking & Plug maker



Dirose

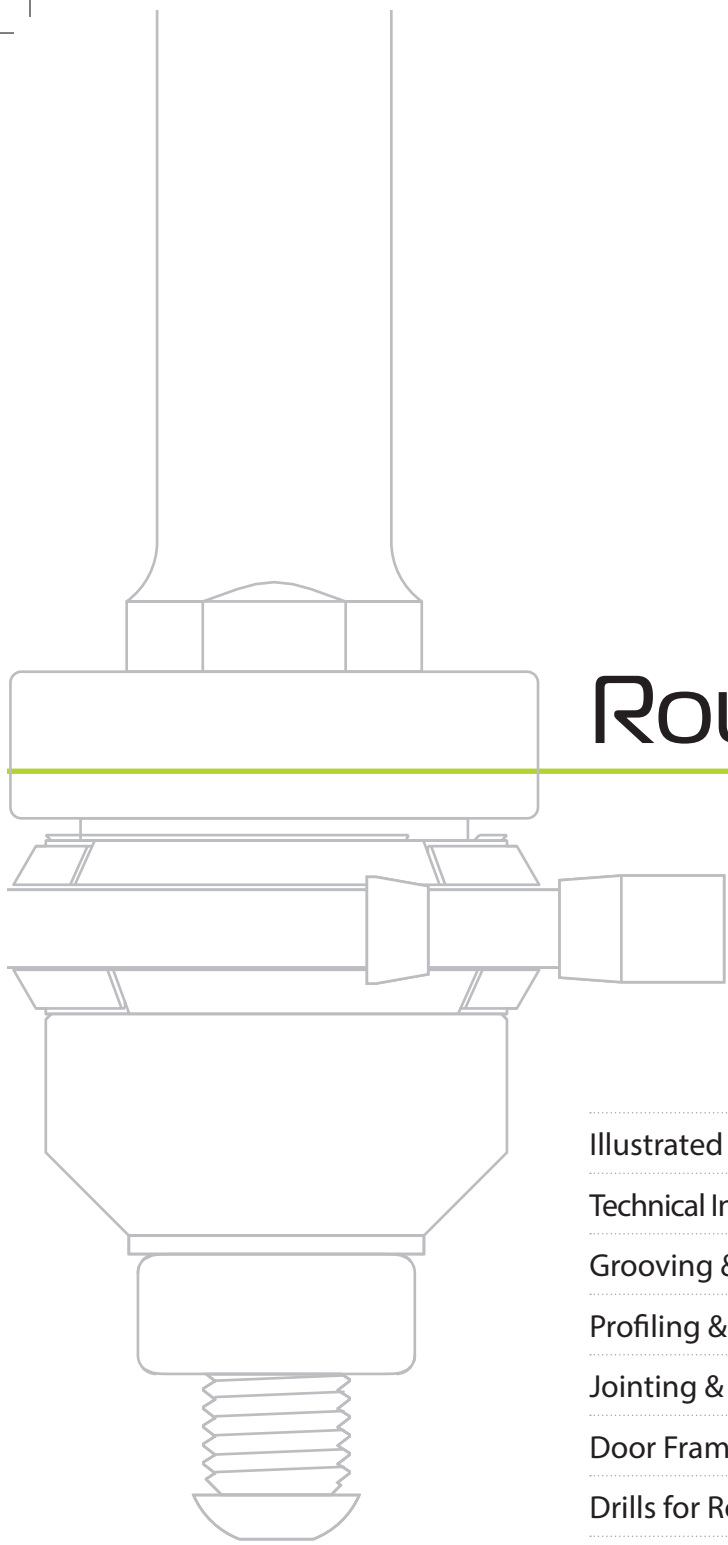
Router Bits



The most comprehensive range of router bits available to the industrial and professional markets.

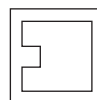
- Exclusive **Dnamic** grade carbide
- High quality steel alloy
- Unique grinding process enhances precision and quality

Advanced manufacturing process, using cutting-edge technology in router bit manufacturing for optimal cutting and extended tool life.

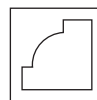


Routing INDEX

Illustrated Visual Index	224	226
Technical Information	227	
Grooving & Sizing	228	- 250
Profiling & Chamfering	251	- 303
Jointing & Rebating	304	- 310
Door Frame & Panel	311	- 319
Drills for Router	319	
Carving	320	
Ball Bearing Parts	321	- 322



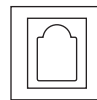
Grooving
& Sizing



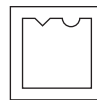
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel



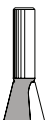
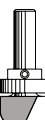
Carving

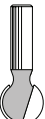
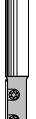
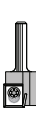
Router Bits

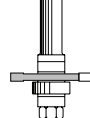
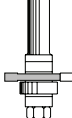
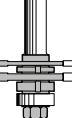
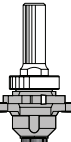
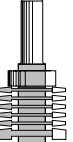
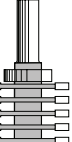
Index

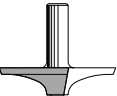
Router Bits

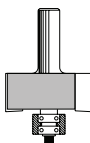
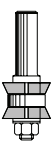
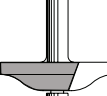
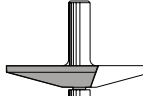
									
#1010	#1010	#1010	#1010	#1011	#E1013	#1019	#1020	#1020	#1020
244	245	243	244	243	245	246	255	254	256

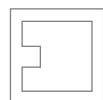
															
#1030	#1040	#1040	#1041	#1042	#1043	#1052	#1053	#1053	#1050	#1060	#1060	#1062	#1062	#E1063	#1063
247	303	303	250	304	250	248	320	320	249	258	259	260	261	261	320

															
#1066	#107	#107	DnamicX2	#107	#1075	#107	#1072	#1073	#1073	#1073	#E1073	#1073	#1073	1073	#1073
267	229	230	228	232	235	234	237	236	239	243	239	238	236	240	242

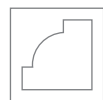
													
#1019	#1019	#1078	#1080	#1082-3	#1084	#1086	#1086	#1089	#1089	#1089	#1090	#E1093	#1092
246	246	250	307	307	309	308	308	310	310	310	269	273	273

											
#1092	#E1093	#1100	#1200	#E1123	#1130	#1133	#1140	#1141	#1141	#1144	#E1143
316	256	247	275	274	276	275	300	247	279	301	301

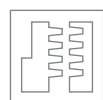
											
#1143	#1150	#1160	#1170	#1171	#1173	#118	#1190	#1340	#1210	#1220	#1221
302	248	254	262	263	255	253	270,272	278	279	297	296



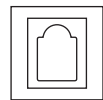
Grooving
& Sizing



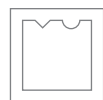
Profiling &
Chamfering



Jointing &
Rabbeting



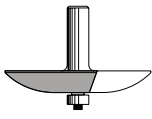
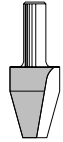
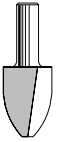
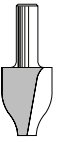
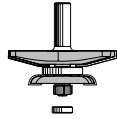
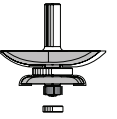
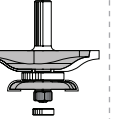
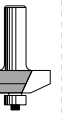
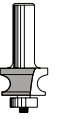
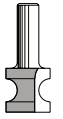
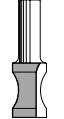
Door Frame
& Panel

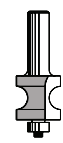
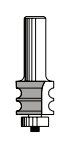
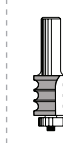
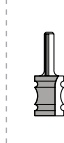
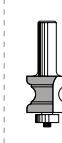
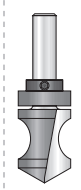
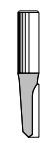
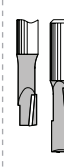
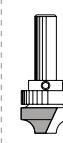
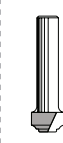
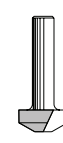
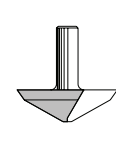
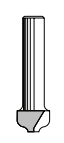


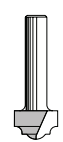
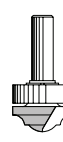
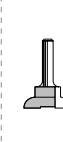
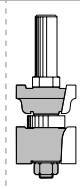
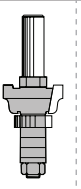
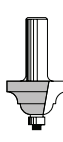
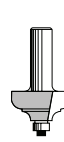
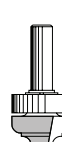
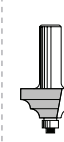
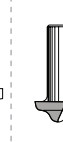
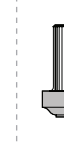
Carving

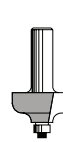
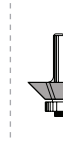
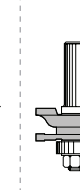
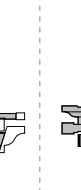
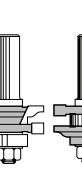
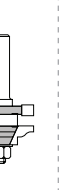
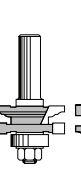
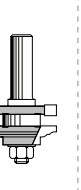
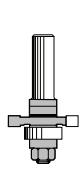
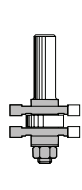
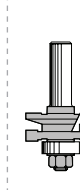
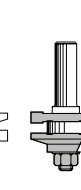
Router Bits

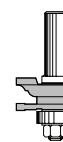
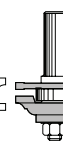
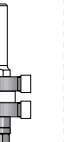
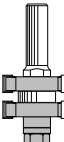
Index

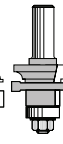
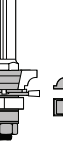
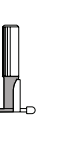
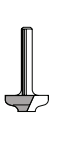
										
#1222	#1224	#1224	#1224	#1229	#1229	#1229	#1230	#1241	#1240	#1242
296	299	299	299	297	298	298	296	282	281	280

													
#1243	#1243	#1260	#1243	#1243	#1243	#1240	#1250	#1260	#1270	#1280	#1290	#1291	#1300
281	284	241	285	285	288	282	238	241	262	265	1	1	1

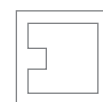
													
#1210	#1312	#1320	#1330	#1330	#1340	#1350	#1352	#1360	#1363	#1370	#1473	#1373	#E1383
266	266	287	311	311	278	280	266	276	277	267	263	263	278

													
#1380	#1390	#1410	#1420	#1420	#1430	#1430	#1432	#1432	#1434	#1434	#1433	#1433	#1433
277	279	255	317	317	316	316	319	319	313	313	314	314	314

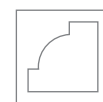
													
#1440	#1440	#1450	#1450	#1450	#1450	#1450	#1450	#1450	#1450	#1450	#1450	#1450	#1450
317	317	312	312	313	313	312	312	314	314	314	315	315	315

													
#1450	#1450	#1450	#1450	#1450	#1460	#1460	#1460	#1470	#1470	#1480	#1480	#1490	#1490
315	315	316	316	316	268	268	268	267	267	286	286	311	311

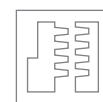
Router Bits



Grooving
& Sizing



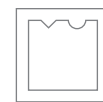
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

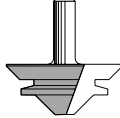
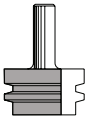
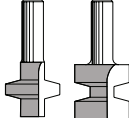
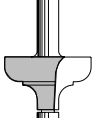
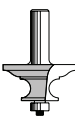
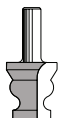


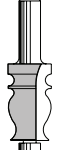
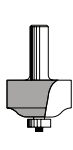
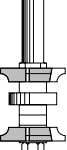
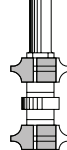
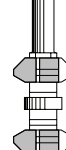
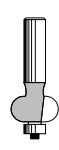
Carving

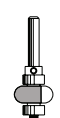
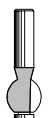
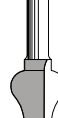
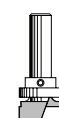
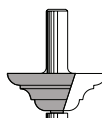
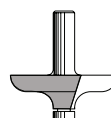
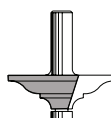
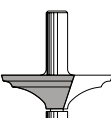
Router Bits

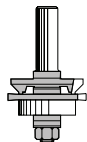
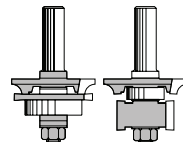
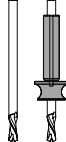
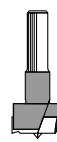
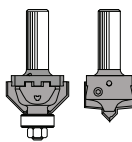
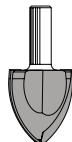
Index

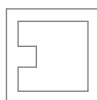
Router Bits

									
#1490 311	#1490 304	#1490 305	#1490 305	#1940 305	#1560 278	#1560 287	#1560 287	#1560 288	#1560 289

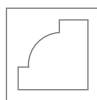
												
#1560 290	#1560 291	#1560 291	#1560 292	#1560 292	#1563 288	#1563 290	#1563 289	#1570 279	#1580 283	#1583 283	#1584 284	#1620 286

										
#1622 286	#1623 285	#1630 293	#1630 293	#1630 293	#1640 237	#1650 291	#1650 294	#1650 294	#1650 295	#1670 304

						
#1681 306	#1682 306	#174 242	#2034 319	#5588 274	#808 251-252	#106 261



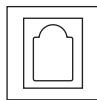
Grooving
& Sizing



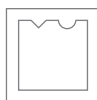
Profiling &
Chamfering



Jointing &
Rabbeting

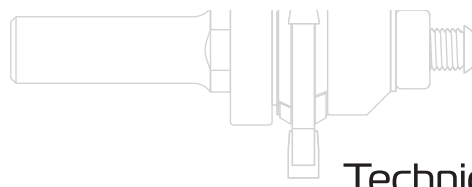


Door Frame
& Panel



Carving

Router Bits



Technical Information

Materials

High Strength Steel: Dimar tools are produced from high quality alloy steels. The exact steel type is selected based on application and tool size. Steel bars are provided by leading European suppliers selected to provide optimal performance as well as superior resistance from fatigue and abrasion.

Special Carbide Grades: Straight bit tools are produced using our exceptionally hard Dnamic Carbide was developed in-house by Dimar and has become an industry-leading technology.

Ball Bearing: The ball bearings used in our tools sealed for dust protection. Bearings are of the highest possible standards to assure long life and smooth operation.



Production

Brazing: Dimar has developed an optimal brazing process designed to provide consistency with an exceptionally tight control over brazing parameters. This control is a crucial requirement for the use of ultra-hard sub-micron carbide grades, such as those used to produce our new **DnamicX2** router bits.

Grinding: Another innovation developed in-house by Dimar is 5-axis grinding fully integrated with a digital in-process gauging system. Extreme accuracy is gained as the tool is measured in a single set-up and adjustments are made to reduce dimensional tolerances at the lowest possible level. The result is a bit that leads the industry in performance and longevity.

Balance: All large diameter router bits are dynamically balanced according to ISO 1940-1:2003 which specifies the tolerances for balance and verification processes. This procedure ensures the quality and safety of the tool.

Safety By Design

EN847 Standard: Our router bits are produced in compliance with the EN847 standard.

Chip Limiter: Router bits larger than 16mm in diameter incorporate a chip limiter which does not exceed 1.1mm. This also prevents tearing of the material being cut and is a safety enhancement for the user. Should these bits be used on a CNC machine they should never exceed a feed rate of 4 m/min.

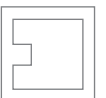
R.P.M.: We clearly define the maximum R.P.M. and all critical dimensions by laser engraving on the shank.

Tool Clamping: Every tool is marked for the exact location of chucking in the tool holder.

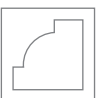


Dimar offers tools with the following shank sizes: 6mm, 8mm, 12mm, 1/4", 1/2". 6mm and 1/4" shanks are 28.6mm in length. 8mm shanks are 32mm long while 12mm and 1/2" shank sizes are 38.1mm length.

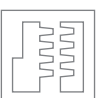
Router Bits



Grooving
& Sizing



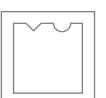
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

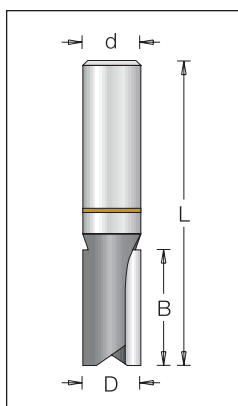


Carving

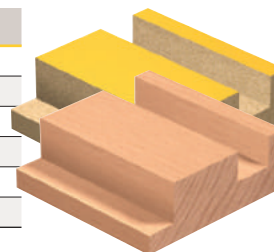
DnamicX2

NEW

The new generation of long lasting straight router bits, specially designed to cut laminated boards, MDF, panels and solid wood.



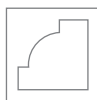
øD	Code No.	B	L	ød
8.0	1074595	25.0	67.0	8
10.0	1074809	30.0	80.0	12
12.0	1074819	25.0	75.0	12
12.0	1074869	30.0	80.0	12
12.0	1074879	38.0	88.0	12
12.0	1074899	48.0	100.0	12



Router Bits



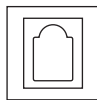
Grooving
& Sizing



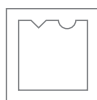
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel



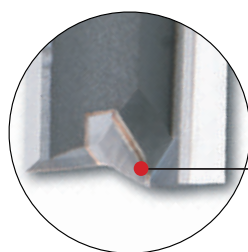
Carving

Hardened steel body - resistant to corrosion and designed for high working loads.

Unigue identification marker on the shank.

Ultra Submicron Tungsten Carbide Technology - offers exceptional wear resistance.

Mirror face sharpening of the cutting edges - for long lasting performance.

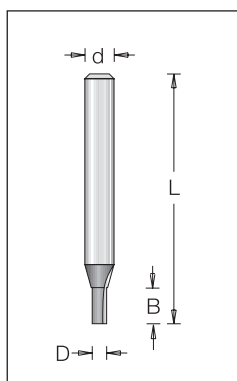


* Center tip design for easy penetration. #1074899

Router Bits

Grooving & Sizing

Straight Bit - Shank 6mm



øD	B	Code No.	L	ød
2.4	6.3	1075003* ■	30.1	6
3.1	11.1	1075013*	50.8	6
4.0	11.1	1075043*	50.8	6
4.7	11.1	1075073*	50.8	6
	15.8	1075063*	55.5	6
5.5	19.0	1075053	50.8	6
	12.7	1075093	50.8	6
	15.8	1075203	47.6	6
6.3	19.0	1075103	50.8	6
	25.4	1075133	57.0	6
	25.4	1075143	73.0	6
7.1	19.0	1075163	50.8	6
	25.4	1075193	57.0	6
8.0	19.0	1075223	50.8	6
	25.4	1075253	57.0	6
	19.0	1075283	50.8	6
9.5	25.4	1075313	57.0	6
	31.7	1075343	63.5	6
11.0	25.4	1075403	57.0	6
	19.0	1075433	50.8	6
12.7	25.4	1075463	57.0	6
	31.7	1075493	63.5	6
15.8	25.4	1075583	57.0	6
17.5	19.0	1075613	50.8	6
	19.0	1075643	50.8	6
	25.4	1075653	57.0	6
20.6	19.0	1075673	50.8	6
22.2	19.0	1075703	50.8	6
25.4	19.0	1075733	50.8	6

■ Available upon request



Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting

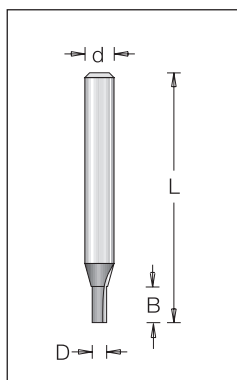


Door Frame
& Panel



Carving

Solid Carbide Straight Bit - Shank 6mm



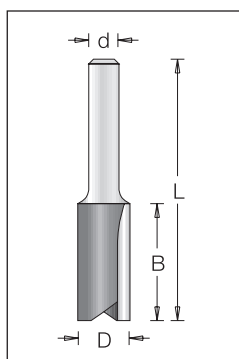
øD	B	Code No.	L	ød
3	11	SO1070013	60	6
4	11	SO1070043	60	6
5	11	SO1070073	60	6
6	19	SO1070103	60	6



Router Bits

Grooving & Sizing

Straight Bit - Shank 6mm



øD	B	Code No.	L	ød
1.3	4.5	1078333*	47	6
1.5	4.5	1078343*	47	6
2.0	6.5	1078353*	47	6
2.5	8.0	1070123*	48	6
3.0	8.0	1078013*	41	6
	8.0	1078023*	55	6
	11.0	1070013*	51	6
	11.0	X1070013*	60	6
4.0	11.0	1070043*	51	6
5.0	11.0	1070073*	51	6
6.0	16.0	1070083*	56	6
	16.0	1070113	48	6
	19.0	1070103	51	6
6.5	25.0	1070133	57	6
	25.0	1070173	57	6
7.0	19.0	1070163	51	6
	25.0	1070193	57	6
8.0	19.0	1070223	51	6
	25.0	1070253	57	6
9.0	19.0	1070273	51	6
10.0	19.0	1070283	51	6
	25.0	1070313	57	6
	32.0	1070343	64	6
11.0	25.0	1070403	57	6
	19.0	1070433	51	6
12.0	25.0	1070463	57	6
	32.0	1070493	64	6
13.0	19.0	1070563	51	6
	32.0	1070423	64	6
14.0	19.0	1070583	51	6
15.0	19.0	1070653	51	6
16.0	19.0	1070673	51	6
	25.0	1070703	57	6
18.0	32.0	1070723	64	6
	19.0	1070793	51	6
18.2	19.0	1070863	51	6
19.0	19.0	1070883	51	6
	25.0	1070893 ■	57	6
20.0	19.0	1071003	51	6
21.0	19.0	1071083	51	6
22.0	19.0	1071093	51	6
25.0	19.0	1071183	51	6

■ Available upon request

⚠ * Solid Carbide.

Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting

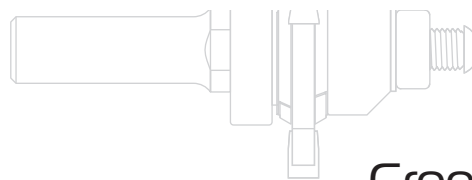


Door Frame
& Panel



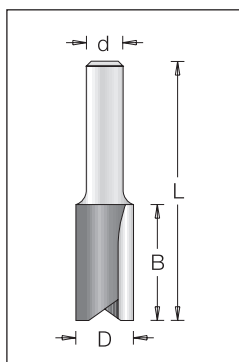
Carving

Router Bits



Grooving & Sizing

Straight Bit - Shank 8mm



øD	B	Code No.	L	ød
3.0	11	1070015*	51	8
4.0	11	1070045*	51	8
5.0	11	1070075*	51	8
	16	1070085*	51	8
6.0	19	1070105*	57	8
	25	1070135	63	8
7.0	19	1070165	57	8
	19	1070225	57	8
8.0	25	1070255	63	8
	25	L1070255	80	8
10.0	19	1070285	51	8
	25	1070315	57	8
	32	1070345	64	8
	32	L1070345	80	8
11.0	19	1070375	51	8
	25	1070405	57	8
12.0	19	1070435	51	8
	25	1070465	57	8
	32	1070495	64	8
	32	L1070495	80	8
13.0	42	1070445	75	8
	19	1070565	51	8
14.0	19	1070585	51	8
	19	L1070585	70	8
	25	1070615	57	8
15.0	19	1070655	51	8
	19	1070675	51	8
16.0	25	1070705	57	8
	25	L1070705	85	8
18.0	19	1070795	51	8
	19	L1070795	70	8
19.0	19	1070885	51	8
20.0	19	1071005	51	8
	19	L1071005	70	8
22.0	19	1071095	51	8
	19	L1071095	70	8
24.0	19	1071195	51	8
25.0	19	1071185	51	8
26.0	19	1071315	51	8
28.0	19	1071265	51	8

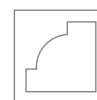


* Solid Carbide.

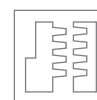
Router Bits



Grooving
& Sizing



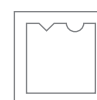
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

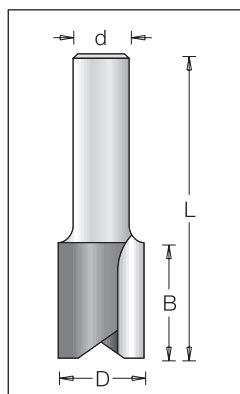


Carving

Router Bits

Grooving & Sizing

Straight Bit - Shank 12mm



øD	B	Code No.	L	ød
4.0	11	1070049*	63	12
5.0	11	1070079*	60	12
6.0	19	1070109*	64	12
7.0	19	1070169	63	12
8.0	19	1070229	63	12
	25	1070259	69	12
10.0	19	1070289	63	12
	25	1070319	69	12
	32	1070349	76	12
12.0	25	1070469	66	12
	32	1070499	73	12
	38	1070529	79	12
13.5	51	1070559	108	12
	32	1070579	73	12
14.0	25	1070619	66	12
15.0	25	1070649	66	12
	25	1070709	66	12
16.0	32	1070739	73	12
	38	1070769	79	12
16.7	32	1070779	73	12
18.0	32	1070859	73	12
	51	1070829	92	12
19.0	25	1070919 ■	66	12
	38	1070979	79	12
	25	1071039	66	12
20.0	32	1071069	73	12
	51	1070989	92	12
22.0	32	1071159	73	12
	51	1071209	92	12
24.0	19	1071199	60	12
	25	1071219 ■	66	12
25.0	32	1071249	73	12
	38	1071279 ■	79	12
27.0	32	1071289	73	12
28.6	32	1071299	73	12
30.0	25	1071309	66	12
	32	1071339	73	12
35.0	25	1071369	66	12
40.0	25	1071429	66	12
	32	1071459	73	12

■ Available upon request



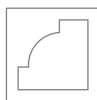
* Solid Carbide.



Router Bits



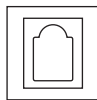
Grooving
& Sizing



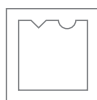
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

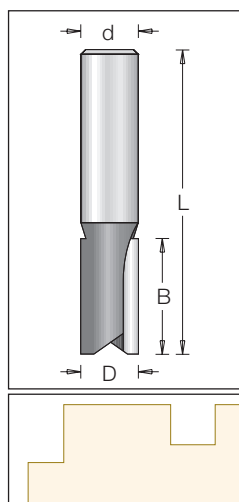


Carving

Router Bits

Grooving & Sizing

Straight Bit - Shank 12mm



øD	B	Code No.	L	ød
6.3	12.7	1075099*	57.0	12
	19.0	1075109*	63.5	12
6.3	25.4	1075139	70.0	12
	19.0	1075229	63.5	12
8.0	25.4	1075259	70.0	12
	19.0	1075289	63.5	12
9.5	25.4	1075319	70.0	12
	31.7	1075349	76.2	12
11.1	25.4	1075409	70.0	12
	25.4	1075469	66.7	12
12.7	31.7	L1075499	81.0	12
	38.0	1075829	79.0	12
	50.8	1075839	108.0	12
	63.5	1075849	114.3	12
14.2	31.7	1075859	73.0	12
	25.4	1075589	66.7	12
15.8	31.7	1075889	73.0	12
	38.0	1075919	79.3	12
	50.8	1075929	92.0	12
17.4	31.7	1075949	73.0	12
	25.4	1075979	66.7	12
19.0	31.7	1076009	73.0	12
	38.0	1076039	79.3	12
	50.8	1076049	92.0	12
19.8	31.7	1075669	73.0	12
20.6	31.7	1076099	73.0	12
22.2	25.4	1076129	66.7	12
	31.7	1076159	73.0	12
25.4	25.4	1076189	66.7	12
	31.7	1076219	73.0	12
	38.0	1076249	79.3	12
	50.8	1076259	92.0	12
31.7	31.7	1076309	73.0	12
35.0	25.4	1076339 ■	66.7	12
	31.7	1076369	73.0	12
38.0	31.7	1076379	73.0	12
42.1	31.7	1076429 ■	73.0	12
44.4	31.7	1076459	73.0	12
47.6	31.7	1076489	73.0	12
50.8	31.7	1076499	73.0	12

■ Available upon request

⚠ * Solid Carbide.
L- Left Hand Roution

Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

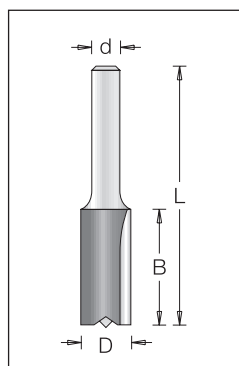


Carving

Router Bits

Grooving & Sizing

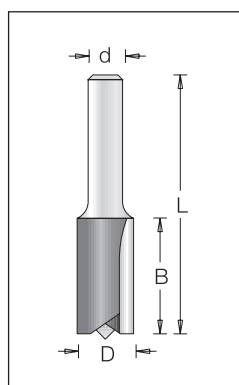
Straight Bit with Center Tip - Shank 6mm



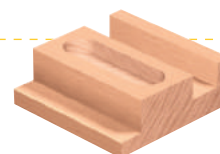
øD	B	Code No.	L	ød
9.5	25.4	1074313	5.07	6
	31.7	1074343	63.5	6
12.7	19	1074433	50.8	6
	25.4	1074453	66.0	6
	25.4	1074463	54.0	6
22.2	19	1074703	50.8	6
25.4	19	1074733	50.8	6



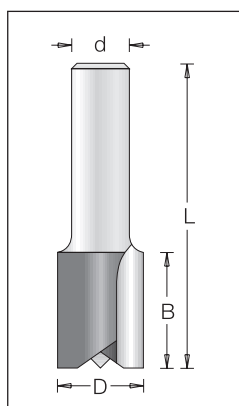
Straight Bit with Center Tip - Shank 8mm



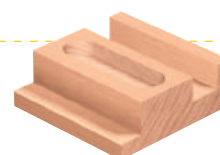
øD	B	Code No.	L	ød
8	19	1077225	57	8
10	19	1077285	51	8
12	19	1077435	51	8
	25	1077465	57	8
	32	1077495	63	8
16	19	1077675	51	8
	25	1077705	57	8
18	19	1077795	51	8
20	19	1077005	51	8



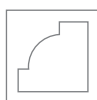
Straight Bit with Center Tip - Shank 12mm



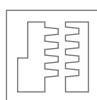
øD	B	Code No.	L	ød
8	19	1077229	63	12
10	19	1077289	63	12
12	25	1077469	67	12
	38	1077529	79	12
	51	1077559	108	12
14	25	1077619	67	12
15	25	1077649	67	12
16	19	1077679	61	12
	25	1077709	67	12
	38	1077769	79	12
17	25	1077789	65	12
18	25	1077849	67	12
19	25	1077899	67	12
20	25	1077039	67	12



Grooving
& Sizing



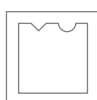
Profiling &
Chamfering



Jointing &
Rabbeting

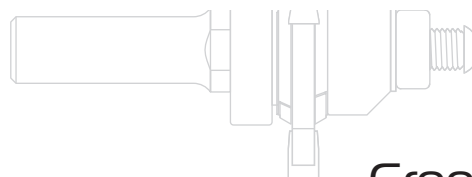


Door Frame
& Panel



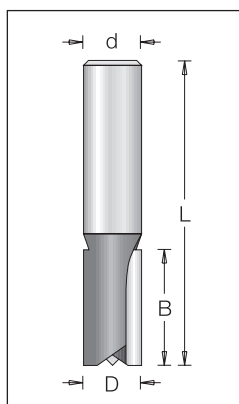
Carving

Router Bits



Grooving & Sizing

Straight Bit with Center Tip - Shank 12mm

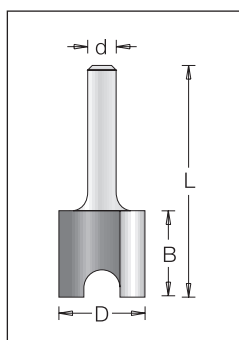


øD	B	Code No.	L	ød
9.5	31.7	1074349	76.2	12
	25.4	1074469	66.7	12
12.7	31.7	1074499	73.0	12
	38.0	1074829	79.3	12
	50.8	1074839	108.0	12
16	31.8	1074889	73.0	12
	50.8	1074929	95.0	12
16.9	25.0	1074569	66.0	12
19	25.4	1074659	67.0	12
22.2	31.8	1074159	73.0	12
25.4	25.4	1074189	67.0	12
41.3	25.4	1077399	67.0	12
44.5	31.8	1077459	73.0	12
47.6	31.8	1077489	73.0	12

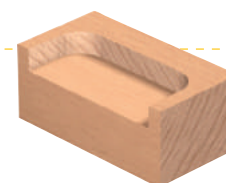


Router Bits

Hinge Mortising Bit



øD	B	Code No.	L	ød
12.7	19.1	1110013	51	6
15.9	19.1	1110043	51	6
19.1	19.1	1110073	51	6
	19.1	1110075	51	8
31.8	19.1	1110129	58	12
	31.8	1110139	73	12



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting

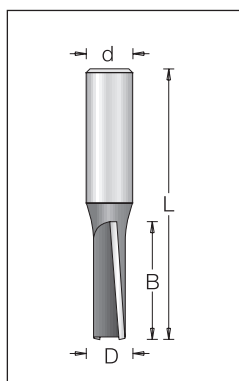


Door Frame
& Panel



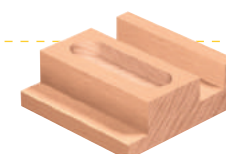
Carving

Straight Bit - Down Shear Angle

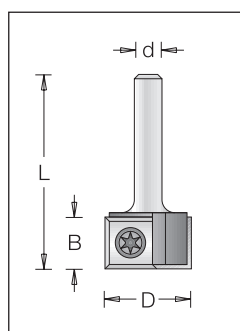


øD	B	Code No.	L	ød
9.5	25.4	1075319S	70.0	12
	31.8	1075499S ■	73.0	12
12.7	38.0	1075829S ■	79.0	12
	50.8	1075839S	107.5	12

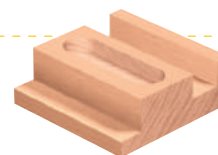
■ Available upon request



Flush Trimming Bit



ØD	B	Code No.	L	Ød
18	12	1073015	44	8
20	12	1073023	44	6
	12	1073025	45	8
22	12	1073033	44	6
	12	1073039	50	12



Spare Parts:



T.C. Blade
#310 121 2
12x12x1.5

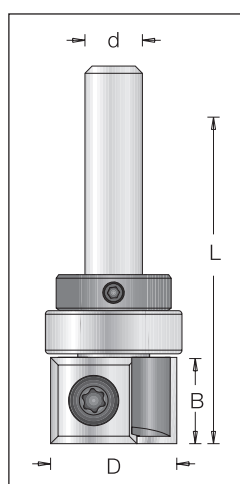


Torx screw
#193 148 2
M4x5.6

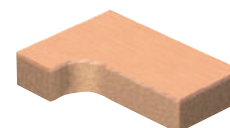


Torx key
#194 101 5
T15

Straight Bit - Template Profile



ØD	Code No.	B	L	Ød
19	1073415	12	52.5	8
19	1073915	20	61.5	8
19	1073835	30	71.0	8



Spare Parts:



B=12 T.C. Blade
#310 121 2
12x12x1.5



Ball Bearing
#191 025 0
19x6x8



Torx screw
#193 148 0
M4x5.6

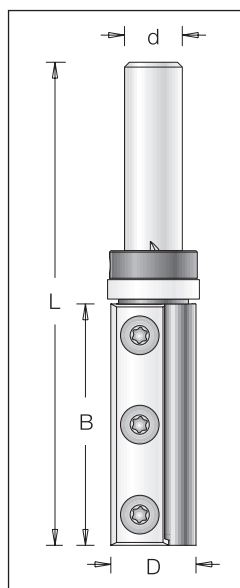


Torx key
#194 101 5
T15

B=20 #310 722 0
19.6x12x1.5

B=30 #310 723 0
29.5x12x1.5

Straight Bit - Template Profile



ØD	B	Code No.	L	Ød
19	50	1073899	101.6	12

Spare Parts:



T.C. Blade
#310 735 0
50x12x1.7



D. Ball Bearing
#191 020 0
19x12.7x4



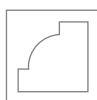
Torx screw
#193 148 2
M4x5.6



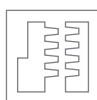
Torx key
#194 101 5
T15



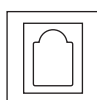
Grooving
& Sizing



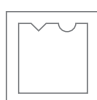
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

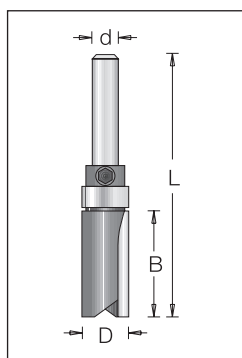


Carving

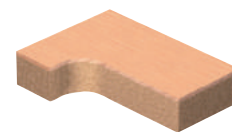
Router Bits

Grooving & Sizing

Straight Bit - Template Profile



øD	B	Code No.	L	ød	
6.3	12.7	1072403	51	6.0	A
12.7	25.4	1072463	63	6.0	A
12.7	32.0	1072483	69	6.0	A
15.9	25.4	1072583	63	6.0	B
19.1	25.4	1072663	63	6.0	C
19.1	25.4	1072979	77	12.0	D
19.1	50.8	1072049	92	12.0	D
25.4	44.5	1072229	95	12.0	G
26.0	25.4	1072746	73	9.5	E
28.6	38.1	1072399	92	12.0	F
31.8	44.5	1072379	98	12.0	H



Spare Parts:



A.Ball Bearing
#191 003 0
2.7x6.35x4.76



B.Ball Bearing
#191 005 0
16x6.35x5



C.Ball Bearing
#191 014 0
19.05 x6.35 x7.14



D.Ball Bearing
#191 020 0
12.7x19x4

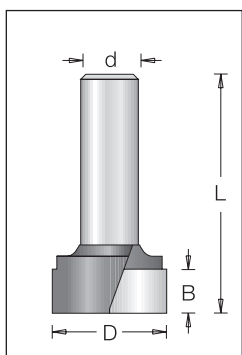
E.Ball Bearing
#191 017 0
10x26x8

F.Ball Bearing
#191 018 0
12.7x28.6x8

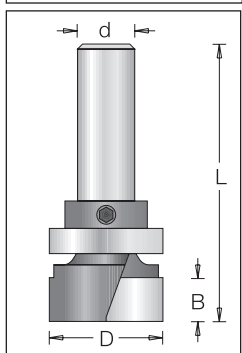
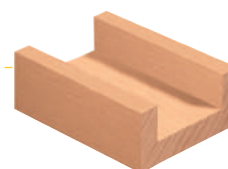
G.Ball Bearing
#191 921 0
15x25.4x6

H.Ball Bearing
#191 922 0
15x31.8 x8.5

Bottom Cleaning Bit



øD	B	Code No.	L	ød
19.1	11.1	1640073	57.0	6
	11.1	1640079	63.5	12
25.4	11.1	1640149	64.0	12
38.1	16.0	1640189	69.0	12



øD	B	Code No.	L	ød	
19.1	11.1	1642073	57.0	6	A
	11.1	1642079	63.5	12	B
25.4	11.1	1642149	64.0	12	C
38.1	16.0	1642189	69.0	12	D



Spare Parts:



A.Ball Bearing
#191 014 0
19x6.3x7



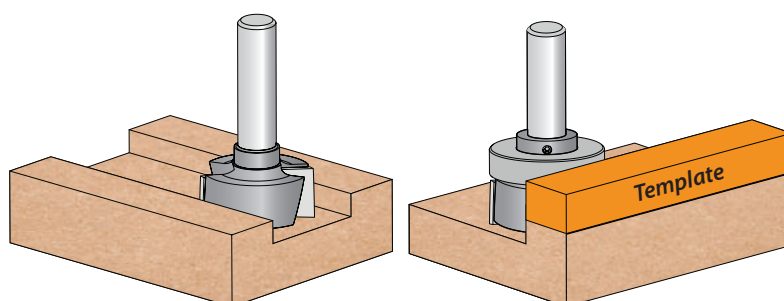
B.Ball Bearing
#191 020 0
19x12.7x4



C.Ball Bearing
#191 921 0
15x25.4x6



D.Ball Bearing
#191 922 1
15x38.1x9



Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

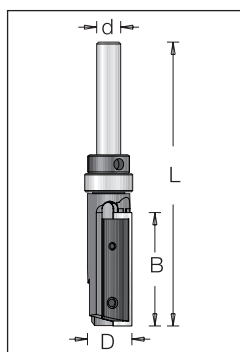


Carving

Router Bits

Grooving & Sizing

Straight Bit - Template Profile



øD	Code No.	B	L	ød
12.7	1073633 ■	30	80	6
19.0	1073599	30	81	12

■ Available upon request

Spare Parts:



T.C. Blade

#310 751 2

12x7.5x1.5



T.C. Blade

#310 751 4

30x5.5x1.1



Wedge

#199 213 4

L=27



Ball Bearing

#191 003 0

12.7x6.35x4.7



Torx screw

#193 404 4

M2x4



Torx screw

#193 400 0

M3x4



Torx key

#194 110 0

T9



Allen key

#194 008 1

S1.5

D=19 #310 121 2 #310 751 4 #199 089 0 #191 020 0 #193 404 0 #193 404 1 #194 101 5

12x12x1.5

30x5.5x1.1

L=30

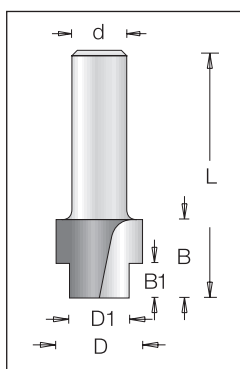
19.05x12.7x4

M3.5x6

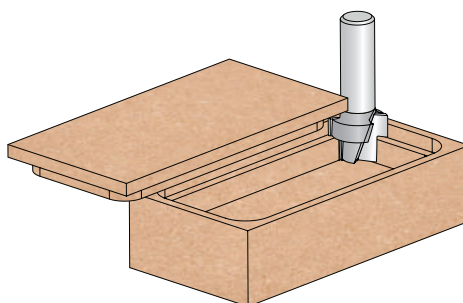
M3.5x8

T15

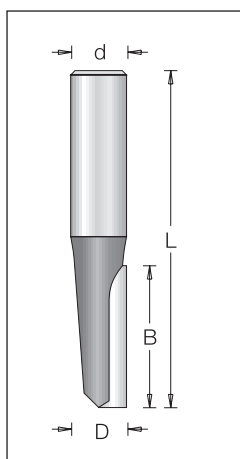
Stepped Rebate Bit



øD	øD1	Code No.	B	B1	L	ød
19	9.5	1141083	19	6.3	47.6	6
19	12.7	1141093	15.9	6.3	50.8	6



Straight Plunge Bit- Single Tooth

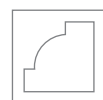


øD	B	Code No.	Z	L	ød
3.0	11.1	1250023*	1	51.0	6
3.2	11.1	1250013*	1	51.0	6
4.0	11.1	1250043*	1	51.0	6
4.8	11.1	1250073*	1	51.0	6
	12.7	1250103	1	51.0	6
6.3	19.1	1250133	1	51.0	6
	25.4	1250163	1	57.0	6
6.3	19.1	1250139	1	65.0	12
	25.4	1250169 ■	1	68.5	12
7.9	19.1	1250199	1	63.5	12
	25.4	1250239	1	71.5	12
9.5	25.4	1250229	1	70.0	12
	31.8	1250259	1	76.0	12
	25.4	1250289	1	63.5	12
12.7	31.8	1250319	1	73.0	12
	38.1	1250349	1	79.0	12
	50.8	1250359	1	108.0	12

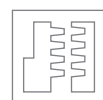
■ Available upon request



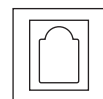
Grooving
& Sizing



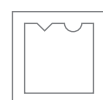
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

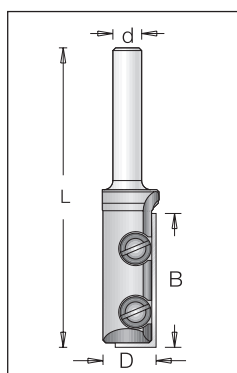


Carving

Router Bits

Grooving & Sizing

Straight Bit



øD	B	Code No.	L	ød
12	29.5	E1073815	66	8

Spare Parts:



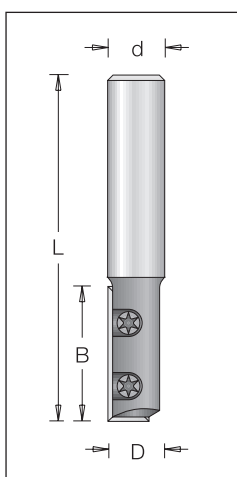
T.C. Blade
#310 793 0
29.5x9x1.5



screw
#193 035 5
M3x4



Straight and Plunge Bit



øD	B	Code No.	L	ød
12	30	1073509	77	12
14	30	1073549	77	12
15	30	1073559	77	12

Spare Parts:



T.C. Blade
#310 793 0
9x30x1.5



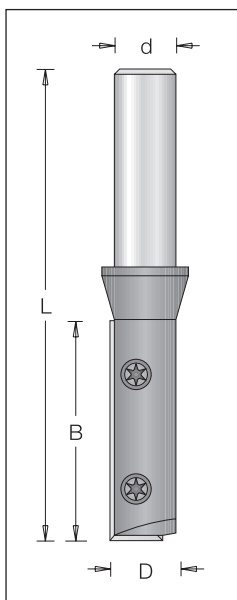
Torx screw
#193 354 8
M3.5x4.8



Torx key
#194 101 5
T15



Straight and Plunge Bit



øD	B	Code No.	L	ød
16	50	1073609	107	12
18	50	1073649	107	12
20	50	1073689	107	12

Spare Parts:



T.C. Blade
#310 725 0
50x12x1.5



Torx screw
#193 354 8
M3.5x4.8



Torx key
#194 101 5
T15



Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

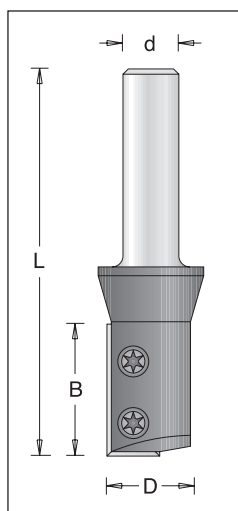


Carving

Router Bits

Grooving & Sizing

Straight and Plunge Bit



øD	B	Code No.	L	ød
16.0	30	1073589	88	12
18.0	30	1073629	88	12
20.0	30	1073669	88	12
22.0	30	1073709 ■	88	12
15.9	30	1073829 ■	88	12

■ Available upon request

Spare Parts:



T.C. Blade
#310 723 0
30x12x1.5



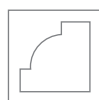
Torx screw
#193 354 8
M3.5x4.8



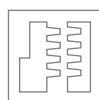
Torx key
#194 101 5
T15



Grooving
& Sizing



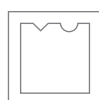
Profiling &
Chamfering



Jointing &
Rabbeting

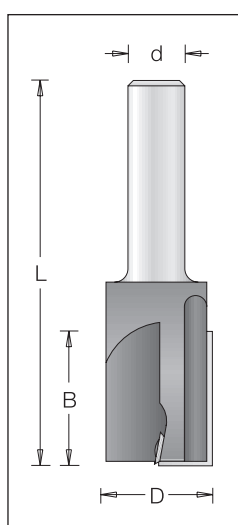


Door Frame
& Panel



Carving

Straight and Plunge Bit



øD	B	Code No.	L	ød
25	30	1073789	86	12

Spare Parts:



T.C. Blade
#310 723 0
30x12x1.5



T.C. Blade
#310 751 2
7.5x12x1.5



Torx screw
#193 354 8
M3.5x4.8



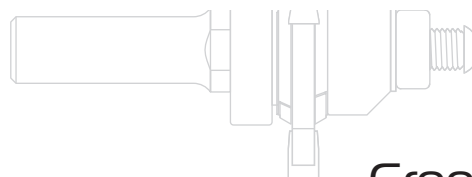
Torx screw
#193 148 2
M4x5.6



Torx key
#194 101 5
T15

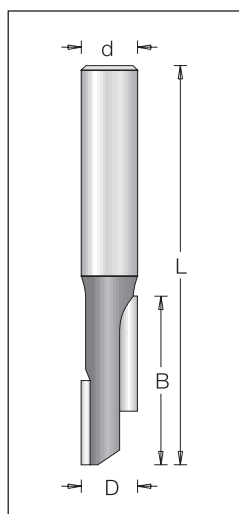


Router Bits

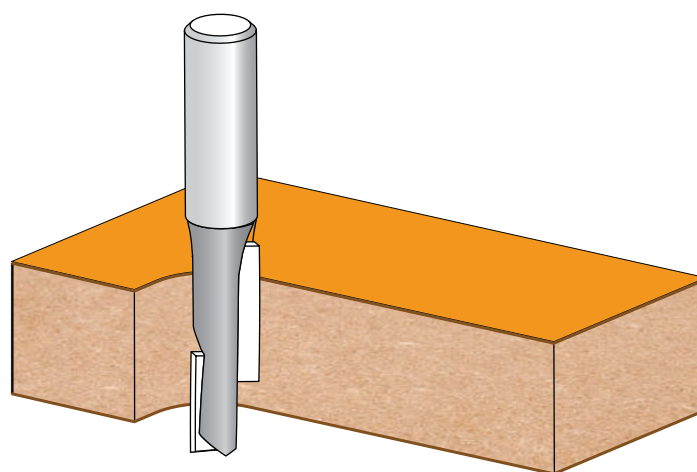


Grooving & Sizing

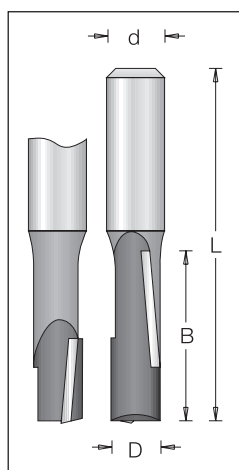
Staggered Straight Bit



øD	B	Code No.	L	ød
12.7	38.1	1260109	79.4	12
	54	1260149	108	12
16	51	1260239	103	12

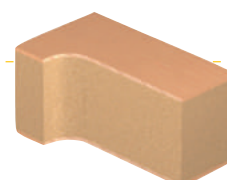


Staggered Straight Shear Bit



øD	B	Code No.	L	ød
12.7	54	1260149s ■	108	12

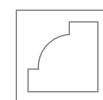
■ Available upon request



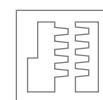
Router Bits



Grooving
& Sizing



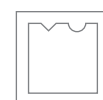
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

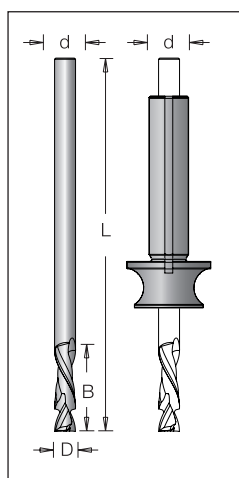


Carving

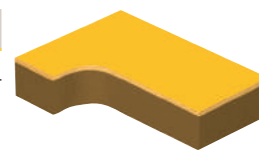
Router Bits

Grooving & Sizing

Solid Carbide Up & Down Spiral Bit



øD	B	Code No.	L	ød
3.2	21	174107Z	63.5	3.2



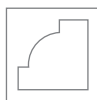
Reduction Bushing

Set No.		Code No.	ød	d
1749123	Reduction Bushing 3.2-6	1927123	6.0	6
	2 Routers	174107Z	3.2	
1749124	Reduction Bushing 3.2-6.35	1927124	6.35	6.35
	2 Routers	174107Z	3.2	
1749125	Reduction Bushing 3.2-8	1927125	8.0	8
	2 Routers	174107Z	3.2	

Router Bits



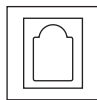
Grooving
& Sizing



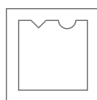
Profiling &
Chamfering



Jointing &
Rabbeting

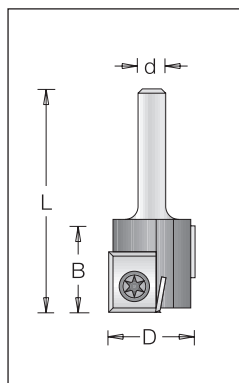


Door Frame
& Panel



Carving

Staggered Straight & Plunge Bit



øD	B	Code No.	L	ød
18	20	1073065	52	8
20	20	1073073 ■	52	6
	20	1073075	52	8
22	20	1073085	52	8
	20	1073089 ■	60	12



■ Available upon request

⚠ The plunge teeth is brazed

Spare Parts:



T.C. Blade
#310 121 2
12x12x1.5



Torx screw
#193 148 2
M4x5.6

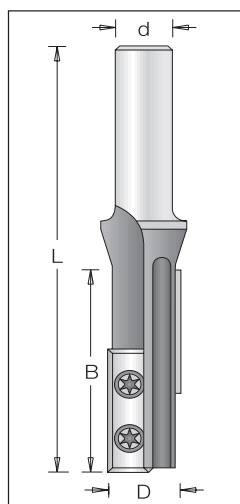


Torx key
#194 101 5
T15

Router Bits

Grooving & Sizing

Staggered Straight Bit



øD	B	Code No.	L	ød
16	50	1073149*	107	12
18	50	1073189	107	12
20	50	1073229	107	12



Spare Parts:



T.C. Blade *
310 793 0
30x9x1.5



Torx screw *
193 354 8
M3.5x4.8



T.C. Blade
310 723 0
30x12x1.5

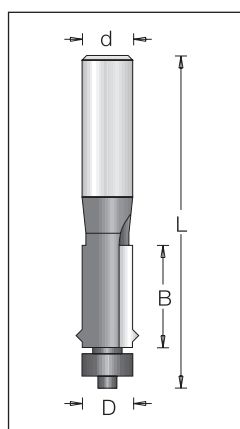


Torx screw
193 148 2
M4xS6



Torx key
194 101 5
T15

Flush Trimmer - V Groove Bit



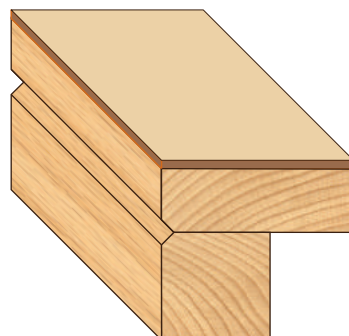
øD	B	Code No.	Flutes	L	ød
12.7	25.4	1010113	2	67	6
	25.4	1010119	2	83	12



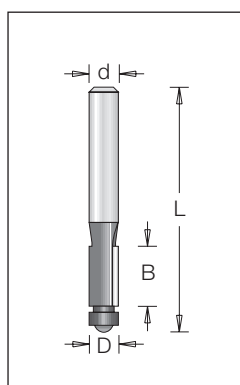
Spare Parts:



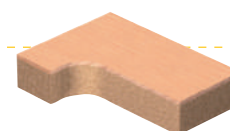
Ball Bearing
#191 007 0
4.7x12.7x5



Flush Trimmer Bit



øD	B	Code No.	Flutes	L	ød
6.35	12.7	1011013	2	52	6
	25.4	1011003	2	65	6



Spare Parts:

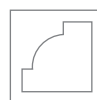


Ball Bearing
#191 002 0
3.17x6.35x2.8

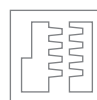
Router Bits



Grooving
& Sizing



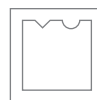
Profiling &
Chamfering



Jointing &
Rabbeting

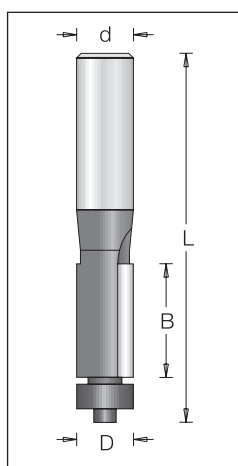


Door Frame
& Panel

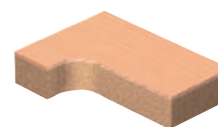


Carving

Flush Trimmer Bit



øD	B	Code No.	Teeth	L	ød	
9.5	12.7	1010013	2	56	6.0	A
	12.7	1010015	2	59	8.0	A
	25.4	1010043	2	69	6.0	A
	25.4	1010045	2	72	8.0	A
12.7	6.3	1010473	2	53	6.0	B
	12.7	1010073	2	56	6.0	B
	12.7	1010075	2	60	8.0	B
	25.4	1010103	2	67	6.0	B
	25.4	1010105	2	71	8.0	B
	25.4	1010106	2	74	9.5	B
	12.7	1010079	2	71	12.0	B
	25.4	1010109	2	84	12.0	B
	38.1	1010169	2	99	12.0	B
	51.0	1010199	2	108	12.0	B
19.1	25.4	1014179	2	83	12.0	C
	12.7	1010223	3	56	6.0	B
	25.4	1010253	3	67	6.0	B
	12.7	1010229	3	71	12.0	B
	38.1	1010289	3	100	12.0	B



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel



Carving

Spare Parts:



A.Ball Bearing
#191 004 0
9.5x4.7x3.1

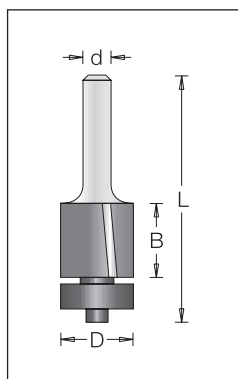


B.Ball Bearing
#191 007 0
12.7x4.7x5

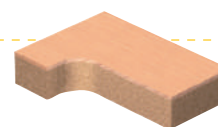


C.Ball Bearing
#191 014 0
19x6.3x7

Flush Trimmer Bit - Shear Angle



øD	B	Code No.		L	ød		Z
16.0	16.0	1010133	Down cut	56.0	6	A	2
	16.0	1010135	Down cut	60.0	8	A	2
19.1	16.0	1010153	Down cut	61.0	6	B	2
	16.0	1010155	Down cut	64.0	8	B	2
	25.4	1010185	Down cut	75.0	8	B	2
	25.4	1010183	Down cut	72.0	6	B	2
19.1	38.1	1013019	Up cut	98.4	12	B	2
	50.8	1013029	Up cut	108.0	12	B	2



Spare Parts:

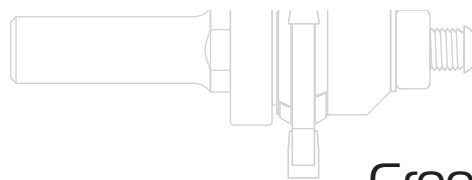


A.Ball Bearing
#191 010 0
5x16x5



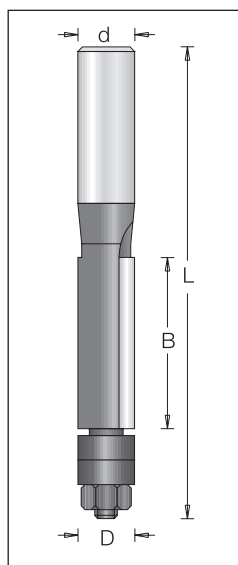
B.Ball Bearing
#191 014 0
6.4x19.05x7.1

Router Bits



Grooving & Sizing

Flush Trimmer Bit - Double Bearing



øD	B	Code No.	Teeth	L	ød
12.7	38.1	1010179	2	103.5	12
	51	1010209	2	116.7	12
12.7	38.1	1010309	3	103.5	12



Spare Parts:

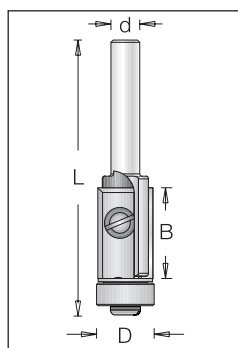


Ball Bearing
#191 007 0
4.7x12.7x5

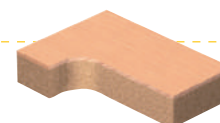


Nut
#198 001 0
NC3/16

Flush Trimming Bit



øD	B	Code No.	L	ød	Z
12.7	20	E1013075	63.5	8	2



Spare Parts:



T.C. Blade
#310 151 2
20x9x1.5



Ball Bearing
#191 007 0
12.7x4.76x5



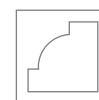
screw
#193 035 5
M3x4



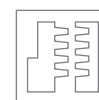
screw
#193 035 6
M3x8



Grooving
& Sizing



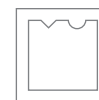
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel



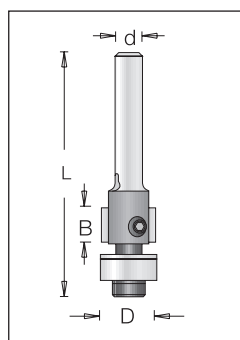
Carving

Router Bits

Router Bits

Grooving & Sizing

Flush Trimming Bit



øD	B	Code No.	L	ød
12.7	8.5	1019103	57	6



Spare Parts:



T.C. Blade
#310 150 1
8.5x5.5x1.1



Ball Bearing
#191 007 0
4.7x12.7x5



Allen screw
#193 036 0
M3x5

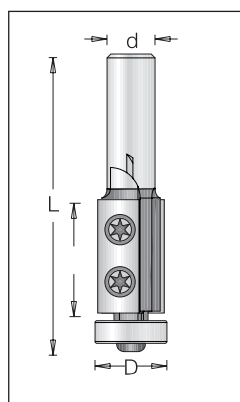


Allen screw
#193 033 0
M3x6

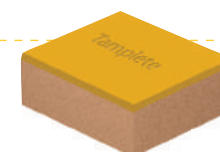


Allen key
#194 102 0
S1.5

Flush Trimming Bit



øD	B	Code No.	L	ød
19	12	1019403*	52	6
	12	1019405*	57	8
	30	1019443	70	6
	30	1019445	72	8
	30	1019449	78	12
	50	1019479**	99	12



Spare Parts:



T.C. Blade*
#310 121 2
12x12x1.5



T.C. Blade
#310 123 0
30x12x1.5



T.C. Blade**
#310 735 0
50x12x1.7



Ball Bearing
#191 012 0
19x6x6

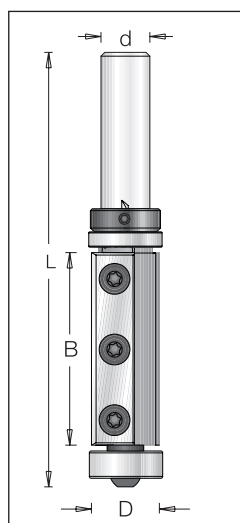


Torx screw
#193 148 2
M - 4x5.6

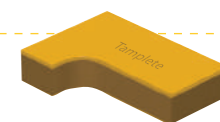


Torx key
#194 101 5
T - 15

Flush Trimming Bit



øD	B	Code No.	L	ød
19	50	1019579	112.8	12



Spare Parts:



T.C. Blade
#310 735 0
50x12x1.7



Ball Bearing
#191 020 0
19x12.7x4



Ball Bearing
#191 014 0
19.05 x6.35 x7.14



Allen screw
#193 077 0
M4x12



Allen screw
#193 148 2
M4x5.6

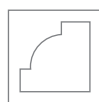


Allen key
#194 101 5
T15

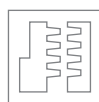
Router Bits



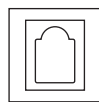
Grooving
& Sizing



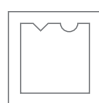
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

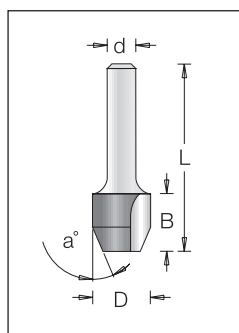


Carving

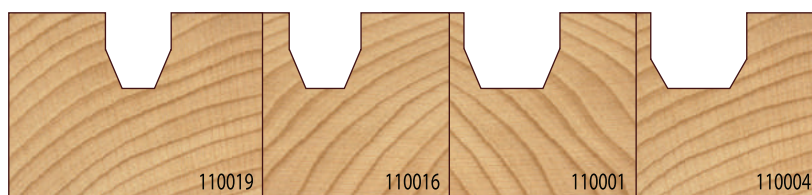
Router Bits

Grooving & Sizing

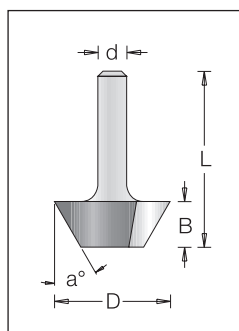
Combi Trimmer Bit - Flush & Bevel



øD	a	B	Code No.	L	ød
8.7	23°	12.7	1100193	41.3	6
9.5	23°	12.7	1100163	41.3	6
12.7	23°	12.7	1100013	41.3	6
	30°	12.7	1100043	41.3	6
	30°	12.7	1100045	44.3	8

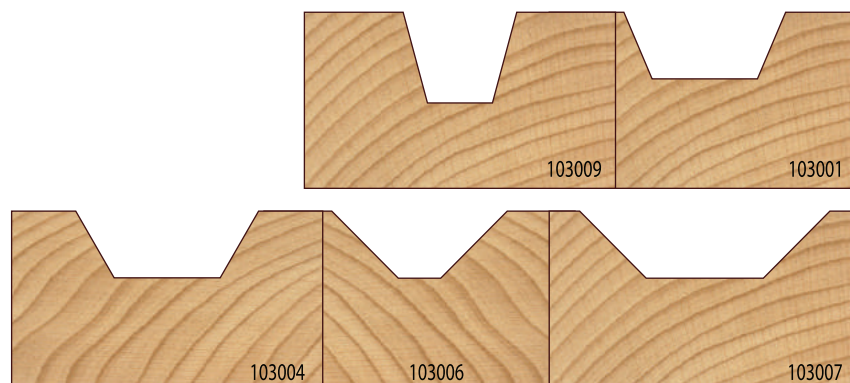
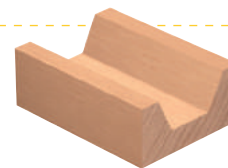


Bevel Bit

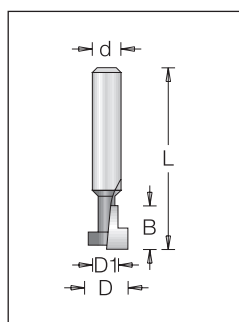


øD	a	B	Code No.	L	ød
12.7	15°	12.7	1030093	51.0	6
22.2	23°	10.0	1030013	38.5	6
	23°	10.0	1030015	42.5	8
25.4	30°	10.0	1030043	38.5	6
	30°	10.0	1030045	42.0	8
24.2	45°	6.3	1030065	38.5	8
34.2	45°	10.0	1030073	38.5	6
	45°	10.0	1030075	42.0	8

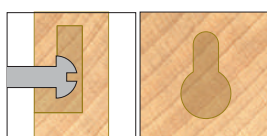
■ Available upon request



Keyhole Slot Cutter - Single Fluted



øD	øD1	B	Code No.	L	ød
9.7	5	9.5	1141013	40.0	6
	5	9.5	1141015	47.0	8
12.7	8	9.5	1141033	38.1	6
	8	9.5	1141035	38.1	8



Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

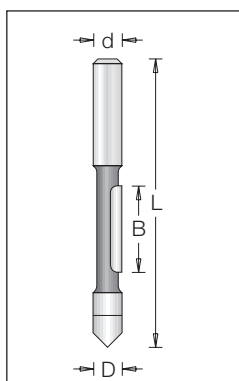


Carving

Router Bits

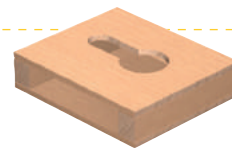
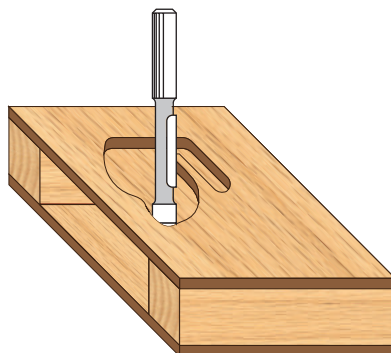
Grooving & Sizing

Panel Pilot Bit

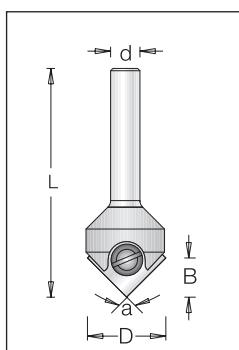


øD	B	Code No.	L	ød
6.3	19.1	1150015*	63.5	8.0
	19.1	1150046*	63.5	9.5
9.5	25.4	1150079*	76.2	12.0
12.7	30.1	1153079**	88.9	12.0

! * Single Fluted
** Double Fluted



V Groove Bit



øD	B	a	Code No.	L	ød
17.6	8.5	90°	E1053505	53	8

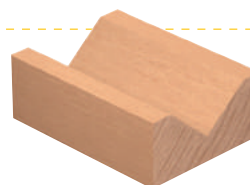
Spare Parts:



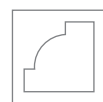
T.C. Blade
#310 121 2
12x12x1.5



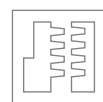
screw
#193 035 5
M3x4



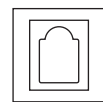
Grooving
& Sizing



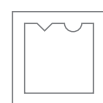
Profiling &
Chamfering



Jointing &
Rabbeting

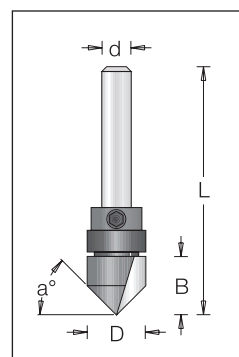


Door Frame
& Panel



Carving

V Groove Bit

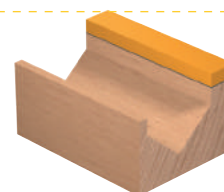
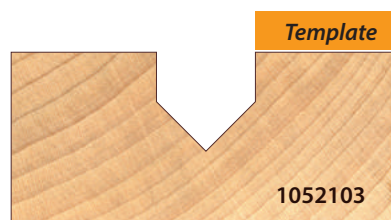


øD	a	B	Code No.	L	ød
12.7	45°	12.7	1052103	52	6

Spare Parts:



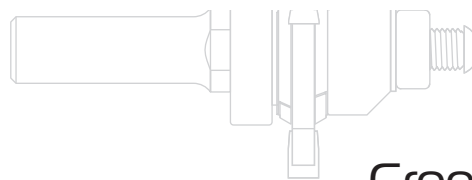
Ball Bearing
#191 003 0
12.7x6.35x4.76



Template

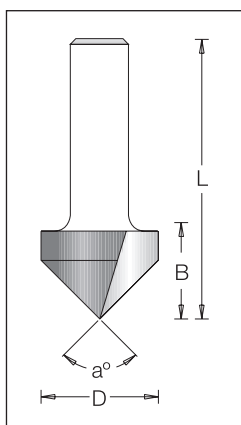
1052103

Router Bits

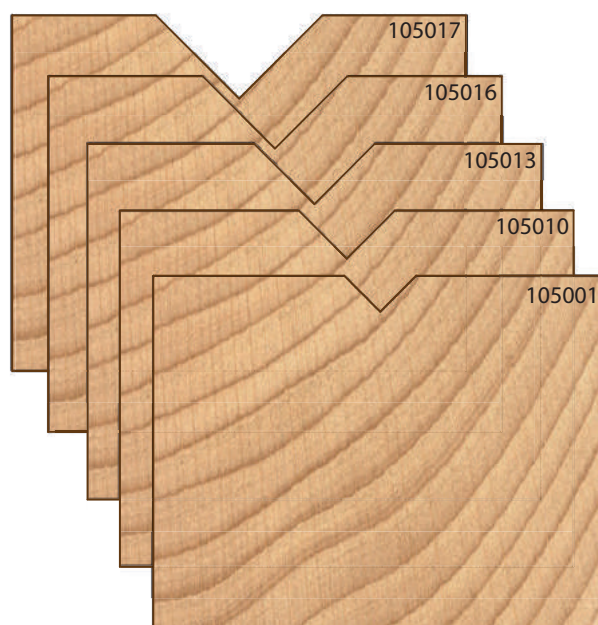
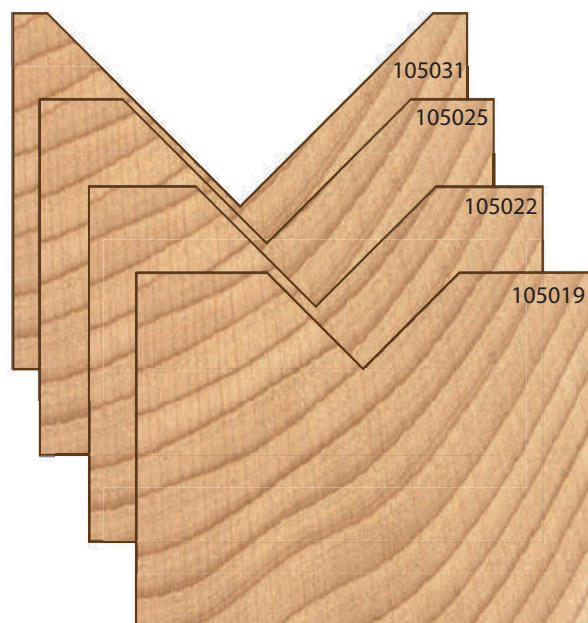


Grooving & Sizing

V Groove Bit



øD	a	B	Code No.	L	ød
9.5	90°	11.0	1050013	42.0	6
	90°	11.0	1050015	45.0	8
12.7	60°	16.0	1050043	44.5	6
	60°	16.0	1050045	47.5	8
	90°	12.7	1050103	41.5	6
	90°	12.7	1050105	44.0	8
16.0	90°	12.7	1050133	41.3	6
	90°	12.7	1050135	45.0	8
19.1	90°	16.0	1050163	45.0	6
	90°	16.0	1050165	48.0	8
22.2	90°	19.1	1050173	48.0	6
25.4	90°	19.1	1050193	48.0	6
	90°	19.1	1050195	51.0	8
9.5	90°	11.0	1050019	52.0	12
12.7	90°	12.7	1050109	55.0	12
16.0	90°	12.7	1050139	51.0	12
19.1	90°	16.0	1050169	54.0	12
25.4	90°	19.1	1050199	57.0	12
31.8	90°	25.4	1050229	63.5	12
38.1	90°	31.8	1050259	70.0	12
51.0	90°	44.5	1050319	83.0	12



Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Frame &
Panel door

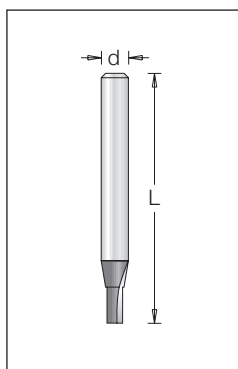


Carving

Router Bits

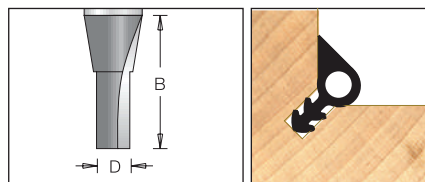
Grooving & Sizing

Seal Straight Bit

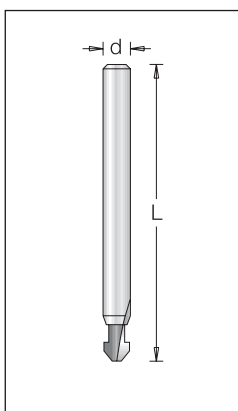


øD	B	Code No.	L	ød
3	8	1078023	55	6
	8	1078025	48	8

⚠ Solid Carbide
6mm Can be supplied with 1/4" shank.

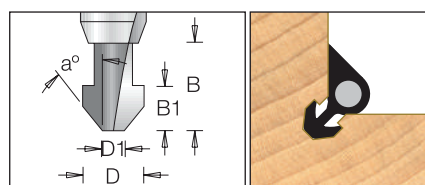


Seal Profile Bit

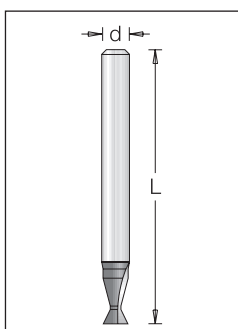


øD	øD1	Code No.	B	B1	a	L	ød
5.5	2	1041013	8	4	38°	65	6

⚠ Solid Carbide

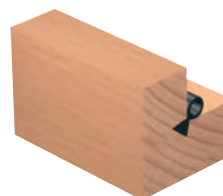
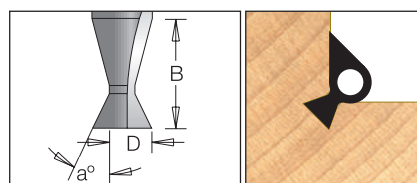


Dovetail Seal Bit

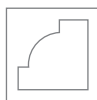


øD	a	B	Code No.	L	ød
5.1	25°	8	1043003	60	6

⚠ Solid Carbide



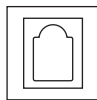
Grooving
& Sizing



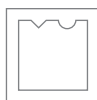
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel



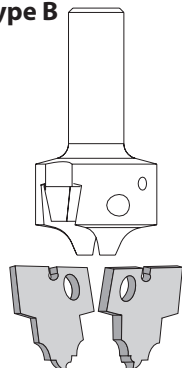
Carving

Router Bits

Profiling & Chamfering

Multi Profile Router

Type B



Multi profile router gives you a wide range of profiling options in a single router bit with replaceable carbide tips.

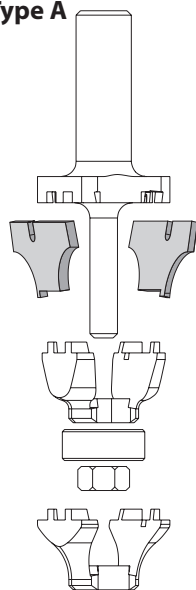
Durability: Replaceable blades are harder, stronger, longer lasting and offer better performance with abrasive materials.

Versatility: One tool gives you a wide range of profiling options, that can be used with portable or industrial CNC machinery.

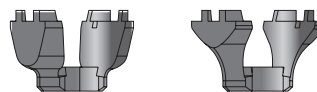
Safety: Designed for chip limitation with additional protective shield.

Service-Free: The tool does not need sharpening, providing consistent profiles with no loss of work time.

Type A



Each replaceable carbide tip and its safety shield have identical markings to ensure correct use of shield only with its corresponding carbide tip.



Type	Max. D	Code No.	L	ød
A	38	8081019 ■	75	12
	38	8081015	69	8
B	28	8080019	59	12
	28	8080015 ■	53	8

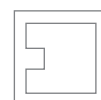
■ Available upon request

T.C. Blade for Multi Profile Router Type B



D	Code No.	R	R1	a
9.5	3510510			45°
12.7	3510505			30°
12.7	3510605	6.35		
25.4	3510610	12.7		
19.1	3513105	4	4	

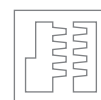
Router Bits



Grooving
& Sizing



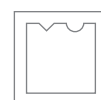
Profiling &
Chamfering



Jointing &
Rabbeting

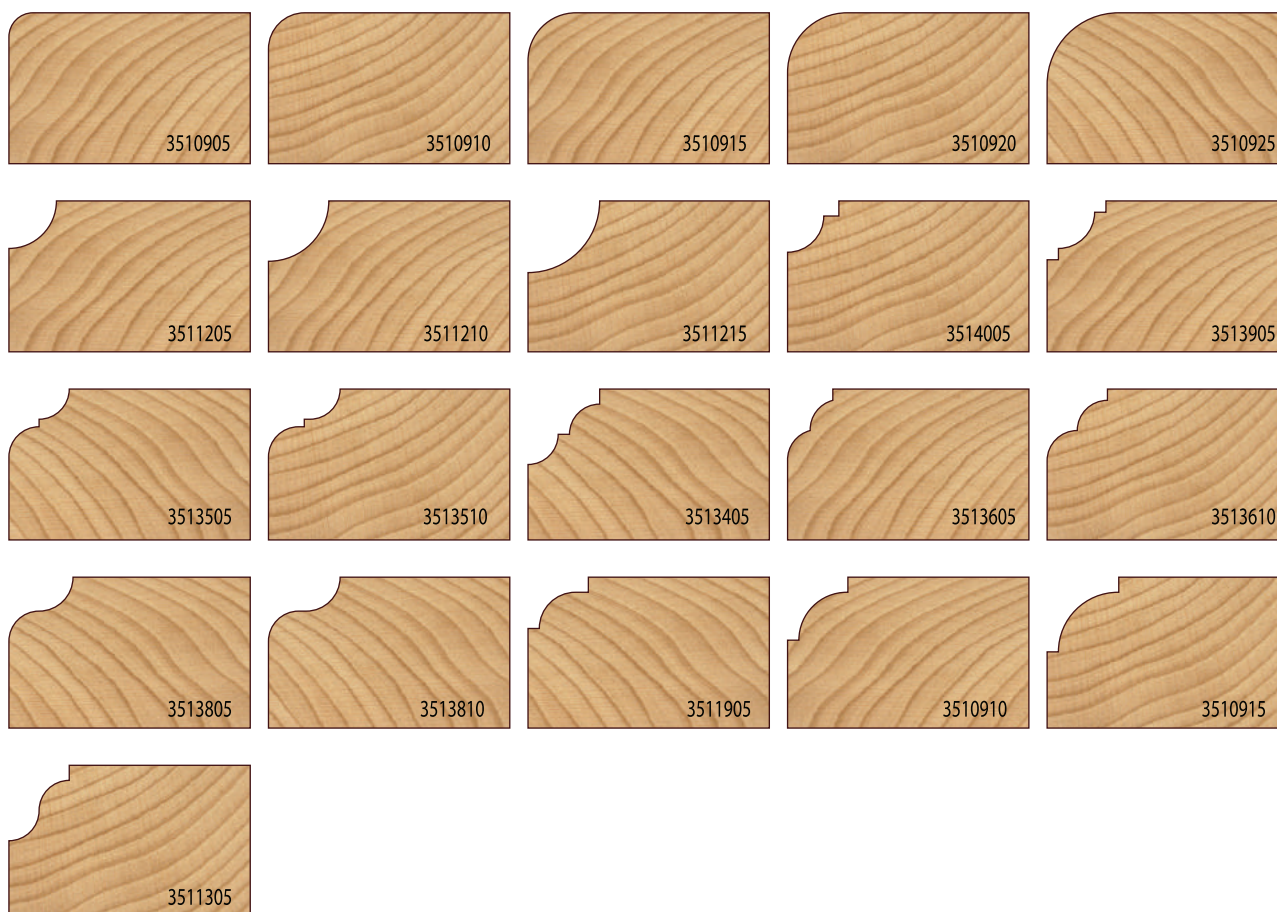


Door Frame
& Panel



Carving

T.C. Blade for Multi Profile Router Type A



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel



Carving

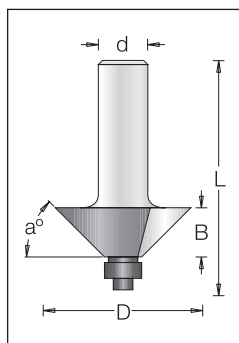
D	Code No.	R	R1	a
35	3510905	3.2		
35	3510910	4.8		
35	3510915	6.35		
35	3510920	7.9		
35	3511905	4.8		
35	3511910 ■	6.35		
35	3511915	7.9		
35	3511205 ■	6.35		
38	3511210	7.9		
38	3511215 ■	9.5		
35	3514005	4.8		
36	3513805	4	4.5	
38	3513810	4	4.5	
35	3511305	4	4	
35	3513505	4	4	
38	3513510 ■	4	4	
38	3513405 ■	4	4	
35	3513905 ■	4.8	4.5	
35	3513605	4	4	
38	3513610	4	4	
9.5	3510510			45°
12.7	3510505			30°
12.7	3510605	6.35		
25.4	3510610	12.7		
19.1	3513105	4	4	

■ Available upon request

Router Bits

Profiling & Chamfering

Bevel Bit



øD	a	B	Code No.	L	ød	
31.8	45°	12.7	1180013	51.0	6	A
	45°	12.7	1180015	54.5	8	A
	45°	12.7	1180019	60.0	12	A
50.8	45°	19.1	1180049	69.0	12	B
60.5	45°	25.4	1180079	74.0	12	B
34.9	60°	20.6	1181003	61.0	6	B
	60°	20.6	1181009	71.0	12	B
76.2	45°	25.4	1180099	90.0	12	C

Spare Parts:



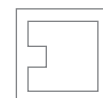
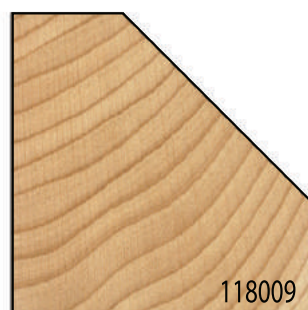
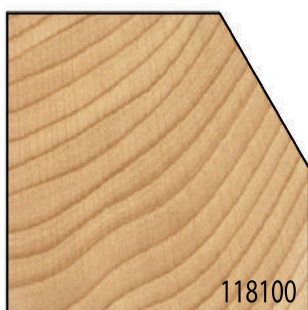
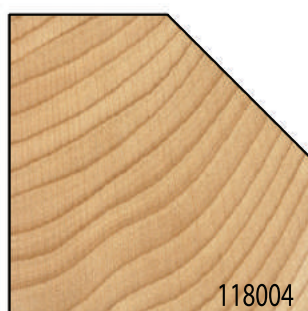
A.Ball Bearing
#191 001 0
9.5x3.17x4



B.Ball Bearing
#191 007 0
12.7x4.7x5



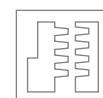
C.Ball Bearing
#191 972 0
25.4x6.3x9.1



Grooving
& Sizing



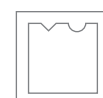
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel



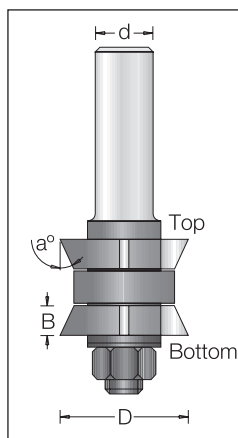
Carving

Router Bits

Router Bits

Profiling & Chamfering

Adjustable Trimmer



øD	a	Code No.	No. of cutters*	L	ød
22.0	0°	1161019	(1 cutter)	76	12
25.4	15°	1161049	(1 cutter)	76	12
27.0	25°	1161079	(1 cutter)	76	12
34.0	45°	1160219	(2 cutters) *	96	12
	45°	1161209	(1 cutter)	76	12

*See table below

Spare Parts:



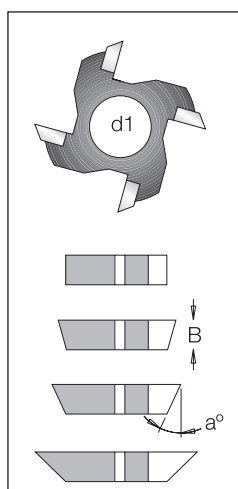
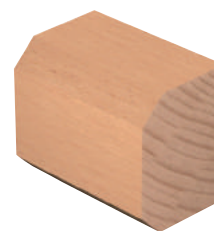
Arbor & Nut
#190 004 9
L=76



Arbor & Nut *
#190 009 9
L=96

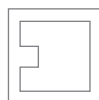
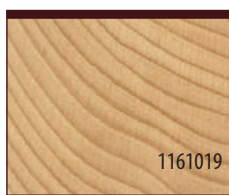


Ball Bearing
#191 013 0
8x22x7



øD	a	B	Code No.	ød1
22.0	0°	6.5	1160010	7.94
25.4	15°	6.5	1160040	7.94
27.0	25°	6.5	1160070 ■	7.94
34.0	45°	6.5	1160200	7.94
	45°	6.5	1160210	7.94

■ Available upon request



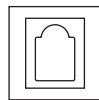
Grooving
& Sizing



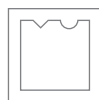
Profiling &
Chamfering



Jointing &
Rabbeting

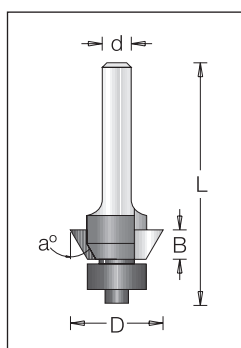


Door Frame
& Panel



Carving

Bevel Trimmer Bit



Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5

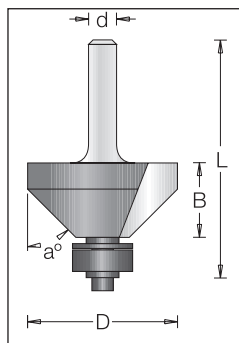
øD	a	B	Code No.	L	ød
15.9	15°	6.3	1020043	53	6
	15°	6.3	1020045	53	8
19.1	25°	6.3	1020073	53	6



Router Bits

Profiling & Chamfering

Bevel Trimmer Bit



øD	a	B	Code No.	L	ød	
22.2	45°	6.3	1020103	47.0	6	A
	45°	6.3	1020105	50.0	8	A
24.0	15°	9.5	1020053	53.0	6	A
	15°	9.5	1020055 ■	56.5	8	A
35.0	45°	18.0	1020123	57.0	6	B
	45°	18.0	1020129	67.0	12	B

■ Available upon request

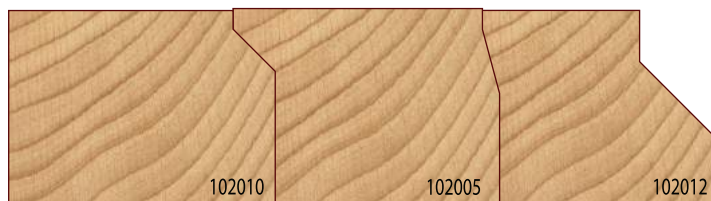
Spare Parts:



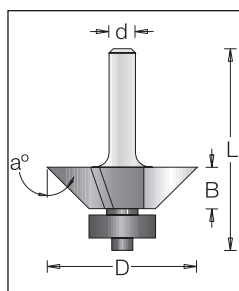
A. Ball Bearing
#191 014 0
19x6.3x7



B. Ball Bearing
#191 007 0
12.7x4.7x5



Bevel Trimmer Bit Three Fluted

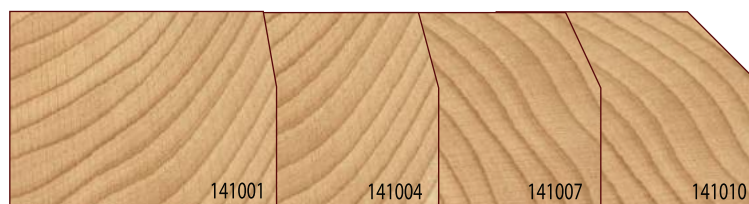


øD	a	B	Code No.	L	ød
17.5	10°	10	1410013	49	6
19	15°	10	1410043	49	6
	15°	10	1410045	53	8
22.2	25°	10	1410073	50	6
	25°	10	1410075	53	8
30	45°	10	1410103	50	6
	45°	10	1410105	53	8

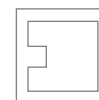
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



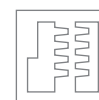
Router Bits



Grooving
& Sizing



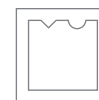
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

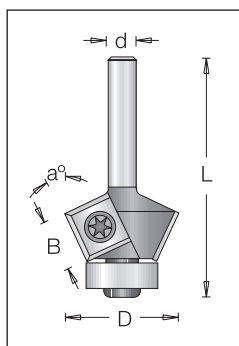


Carving

Router Bits

Profiling & Chamfering

Bevel Trimmer Bit



øD	a	B	Code No.	L	ød
20	15°	12	1021523	55	6
	15°	12	1021525	55	8
24	25°	12	1022523	55	6
	25°	12	1022525 ■	55	8
26	30°	12	1023023	54	6

■ Available upon request

Spare Parts:



T.C. Blade
#310 121 2
12x12x1.5



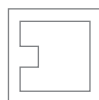
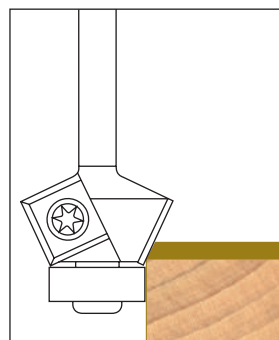
Torx screw
#193 148 2
M4x5.6



Ball Bearing
#191 005 0
16x6.3x4.7



Torx key
#194 101 5
T15



Grooving
& Sizing



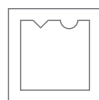
Profiling &
Chamfering



Jointing &
Rabbeting

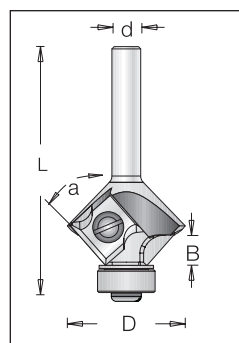


door Frame
& Panel



Carving

Bevel Trimming Bit



øD	B	a	R	Code No.	L	ød
27.3	5.7	45°	3	E1093215	60.5	8

Spare Parts:



T.C. Blade
#310 932 3
12x12x1.5



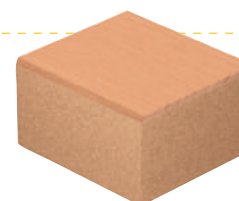
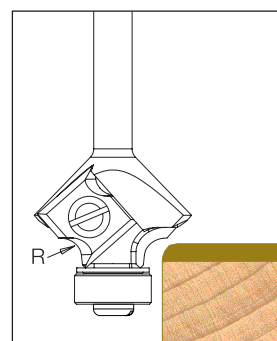
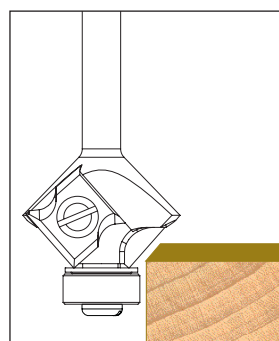
Ball Bearing
#191 007 0
4.7x12.7x5



screw
#193 035 5
M3x4



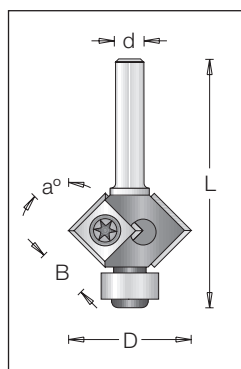
screw
#193 035 6
M3x8



Router Bits

Profiling & Chamfering

Bevel Trimming Bit



øD	a	B	Code No.	L	ød
27	45°	12	102452 3	56	6
	45°	12	102452 5	58	8



Spare Parts:



T.C. Blade
310 121 2
12x12x1.5



Torx screw
193 148 2
M4x5.6

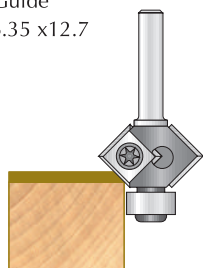


Ball Bearing
191 003 0
6.3x12.7x4.7

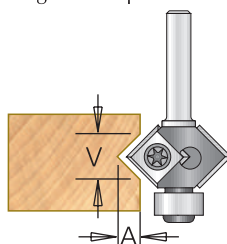


Torx key
194 101 5
T15

Chamfering 45°
With Ball Bearing
Guide
6.35 x 12.7



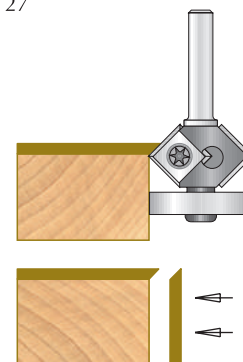
Application "v" groove. By putting different ball bearings, you can adjust the groove depth as follows:
6.35 x 16
6.35 x 19



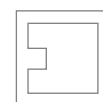
Code No.	Description	A	V
1910030	6.35 x 12.7 x 4.76	7.0mm	14.0mm
1910050	6.35 x 16 x 4.76	5.0mm	10.0mm
1910140	6.35 x 19 x 7	3.2mm	6.4mm
1919370 ■	6.35 x 27 x 5	3.2mm	6.4mm

■ Available upon request

45° miter joint undercutter assembly
with delrin guide
6.35 x 27



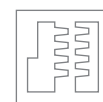
Router Bits



Grooving
& Sizing



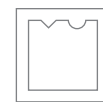
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

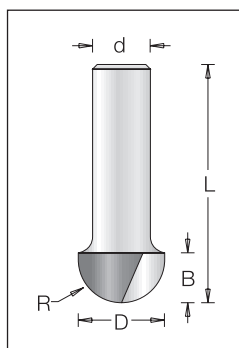


Carving

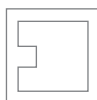
Router Bits

Profiling & Chamfering

Core Box Bit



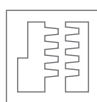
øD	R	B	Code No.	L	ød
9.5	4.8	6.3	1060093	38.0	6
	4.8	6.3	1060095	42.5	8
12.7	6.3	9.5	1060123	38.0	6
	6.3	9.5	1060125	41.5	8
15.9	7.9	11.0	1060153	40.0	6
	7.9	11.0	1060155	43.5	8
19.1	9.5	11.0	1060183	40.0	6
	9.5	11.0	1060185	43.0	8
22.2	11.0	13.8	1060215	46.0	8
25.4	12.7	17.5	1060243	46.5	6
	12.7	17.5	1060245	50.0	8
9.5	4.8	6.3	1060099	52.0	12
12.7	6.3	9.5	1060129	55.5	12
15.9	7.9	11.0	1060159	51.0	12
19.1	9.5	11.0	1060189	49.5	12
22.2	11.0	13.8	1060219	52.0	12
25.4	12.7	17.5	1060249	56.0	12
32.0	16.0	32.0	1060339	70.0	12
38.1	19.1	32.0	1060379	70.0	12
50.8	25.4	32.0	1060409	70.0	12



Grooving
& Sizing



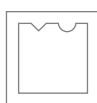
Profiling &
Chamfering



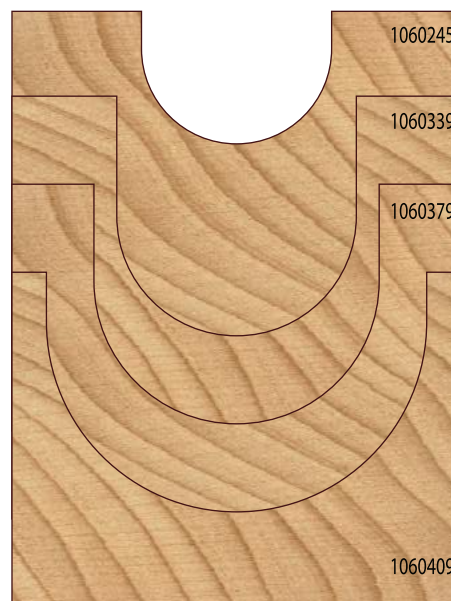
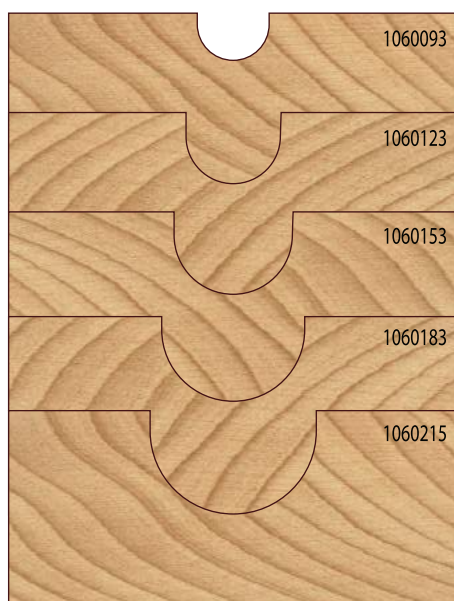
Jointing &
Rabbeting



door Frame
& Panel



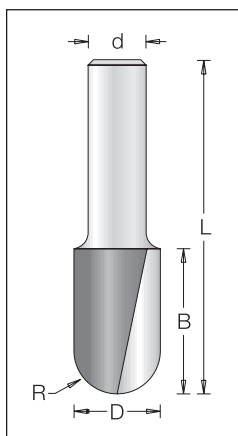
Carving



Router Bits

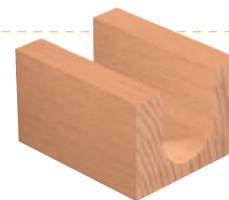
Profiling & Chamfering

Core Box Bit

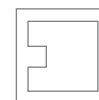


øD	R	B	Code No.	L	ød
3.2	1.6	9.5	1060013*	44.0	6
	1.6	9.5	1060015*	44.0	8
4.8	2.4	11.0	1060033*	47.0	6
	2.4	11.0	1060035*	47.0	8
6.3	3.2	11.0	1060063*	47.0	6
	3.2	11.0	1060065*	47.0	8
8.0	4.0	12.7	1060073	47.0	6
	4.0	12.7	1060075	50.0	8
14.0	7.0	18.0	1060173	46.5	6
	7.0	18.0	1060179	60.0	12
18.0	9.0	19.0	1060203	48.0	6
9.5	4.8	25.4	1060119	70.0	12
12.7	6.3	32.0	1060139	73.0	12
14.2	7.1	32.0	1060149	73.0	12
16.0	8.0	32.0	1060169	70.0	12
19.1	9.5	32.0	1060199	70.0	12
22.2	11.1	32.0	1060299	70.0	12
25.4	12.7	32.0	1060309	70.0	12

⚠ * Solid Carbide



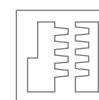
Router Bits



Grooving
& Sizing



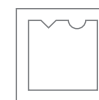
Profiling &
Chamfering



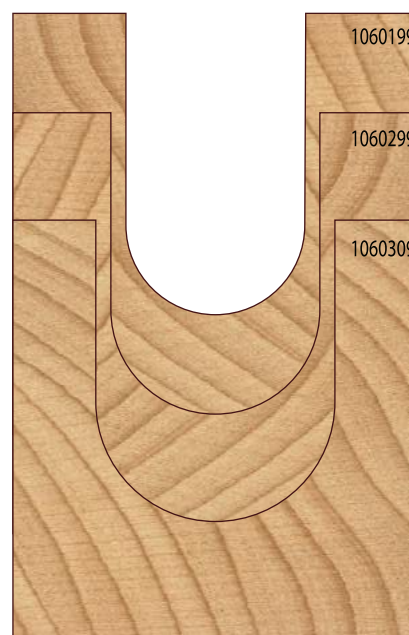
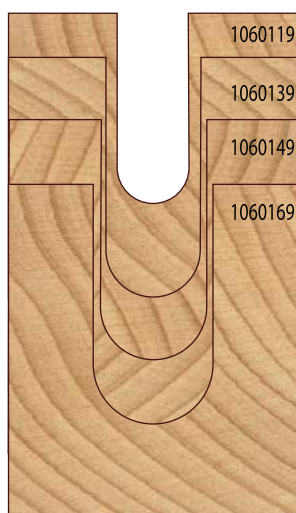
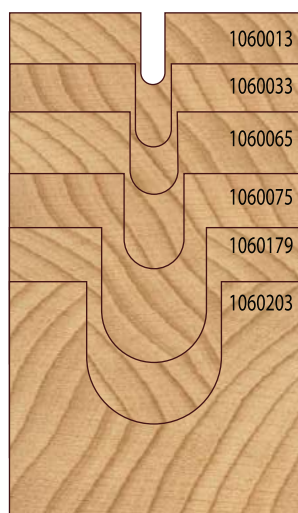
Jointing &
Rabbeting



door Frame
& Panel



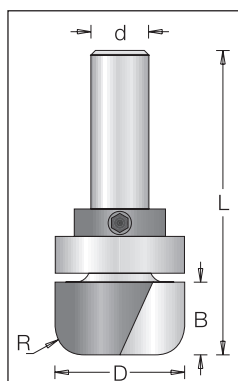
Carving



Router Bits

Profiling & Chamfering

Dish Carving Bit



øD	R	B	Code No.	L	ød	
12.7	3.0	12.7	1062623	54	6	A
19.1	6.5	16.0	1062633	60	6	B
	6.5	16.0	1062639	67	12	C
28.6	6.5	16.0	1062699	67	12	D

Spare Parts:



A.Ball Bearing
#191 003 0
6.35 x 12.7 x 4.76



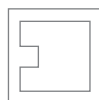
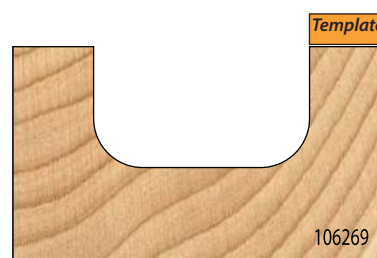
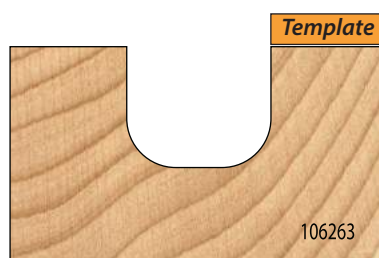
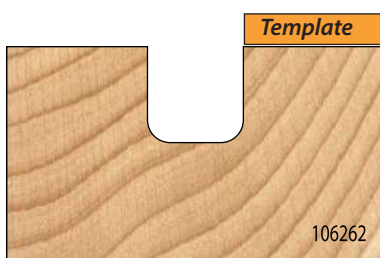
B.Ball Bearing
#191 014 0
6.35 x 19 x 7



C.Ball Bearing
#191 020 0
12.7 x 19 x 4



D.Ball Bearing
#191 018 0
12.7 x 28.6 x 12



Grooving
& Sizing



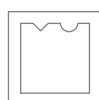
Profiling &
Chamfering



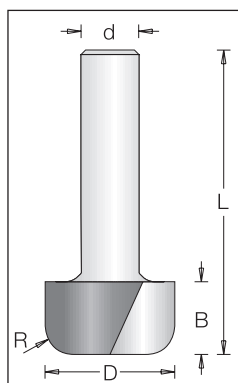
Jointing &
Rabbeting



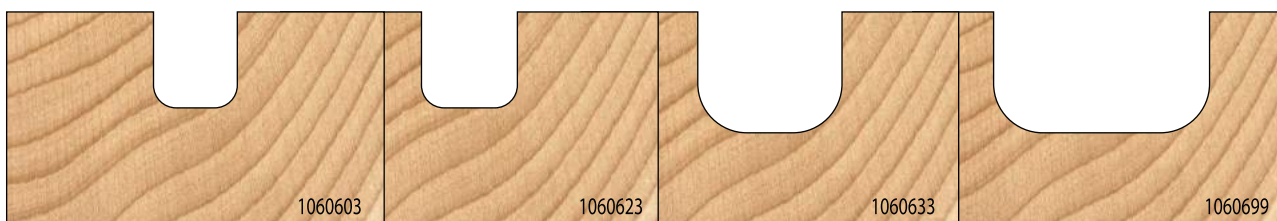
door Frame
& Panel



Carving



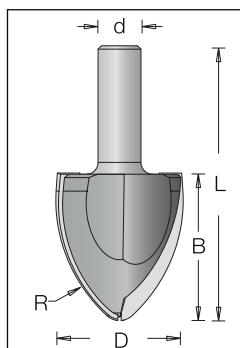
øD	R	B	Code No.	L	ød
12.7	3.0	12.7	1060623	54	6
19.1	6.5	16.0	1060633	60	6
	6.5	16.0	1060639	67	12
28.6	6.5	16.0	1060699	67	12



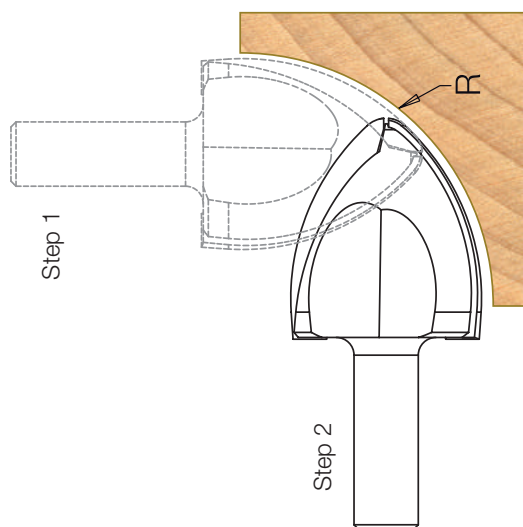
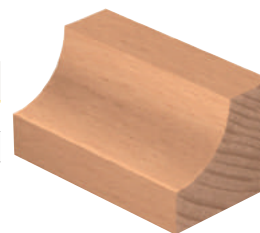
Router Bits

Profiling & Chamfering

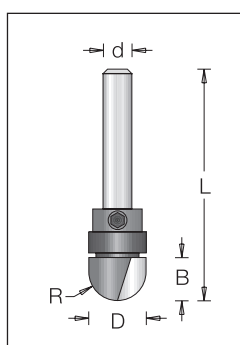
Large Radius



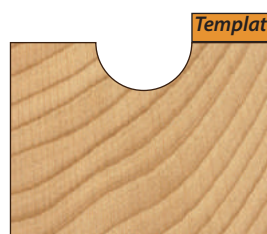
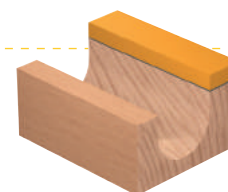
øD	R	B	Code No.	L	ød
46	60	51	1060469	89	12
52	70	55	1060449	97	12



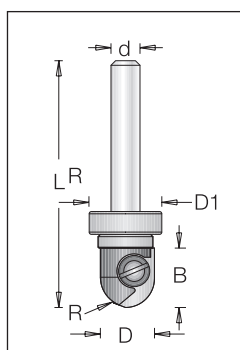
Core Box Bit



øD	R	B	Code No.	L	ød
12.7	6.35	9.5	1062123	51	6



Core Box Bit



øD	R	øD1	B	Code No.	L	ød
12.7	6.35	16	13	E1063505	59	8

⚠ Can be supplied with 6mm shank.

Spare Parts:



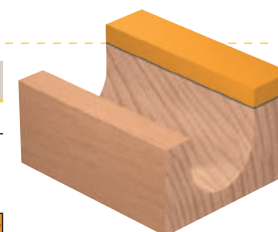
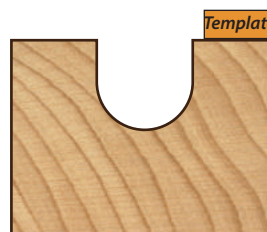
T.C. Blade
#310 650 6
13x9x1.5



Ball Bearing
#191 024 0
16x8x5



screw
#193 035 5
M3x4



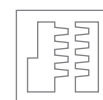
Router Bits



Grooving
& Sizing



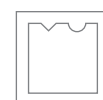
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

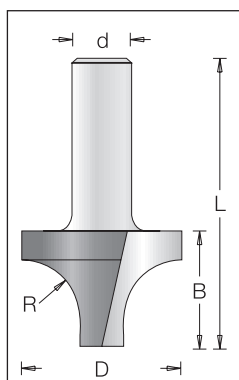


Carving

Router Bits

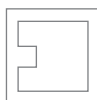
Profiling & Chamfering

Rounding Over Bit



øD	R	B	Code No.	L	ød
19.1	6.3	12.7	1170013	41.0	6
	6.3	12.7	1170015	44.5	8
22.2	7.9	14.3	1170043 ■	43.0	6
	7.9	14.3	1170045	46.5	8
25.4	9.5	15.9	1170073	44.0	6
	9.5	15.9	1170075	47.5	8
15.9	4.8	11.1	1170039	49.0	12
19.1	6.3	12.7	1170019	51.0	12
22.2	7.9	14.3	1170049	52.5	12
25.4	9.5	15.9	1170079	54.0	12
34.9	12.7	25.4	1170105	57.5	8
	12.7	25.4	1170109	63.5	12
44.5	15.9	31.8	1170139	70.0	12
50.8	19.1	36.5	1170179	75.0	12

■ Available upon request



Grooving
& Sizing



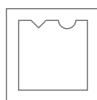
Profiling &
Chamfering



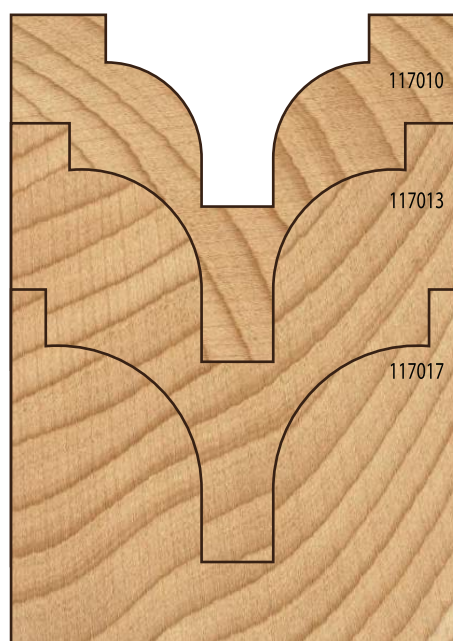
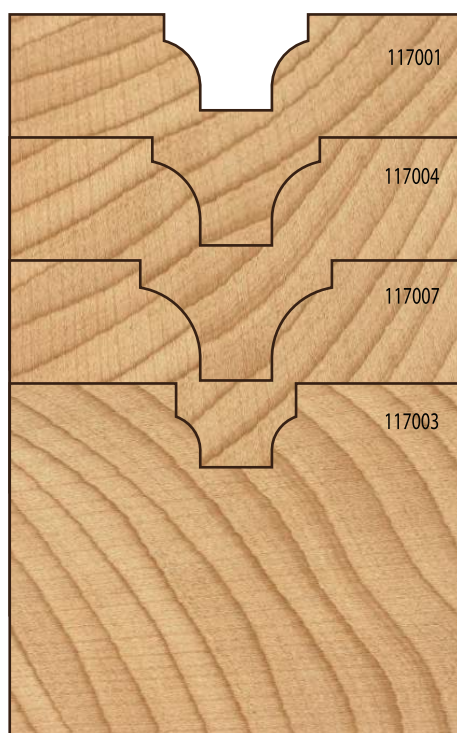
Jointing &
Rabbeting



door Frame
& Panel



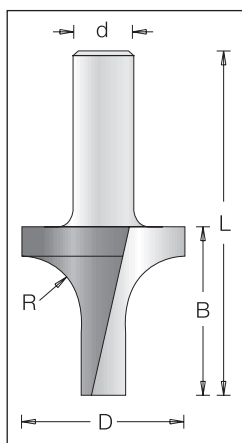
Carving



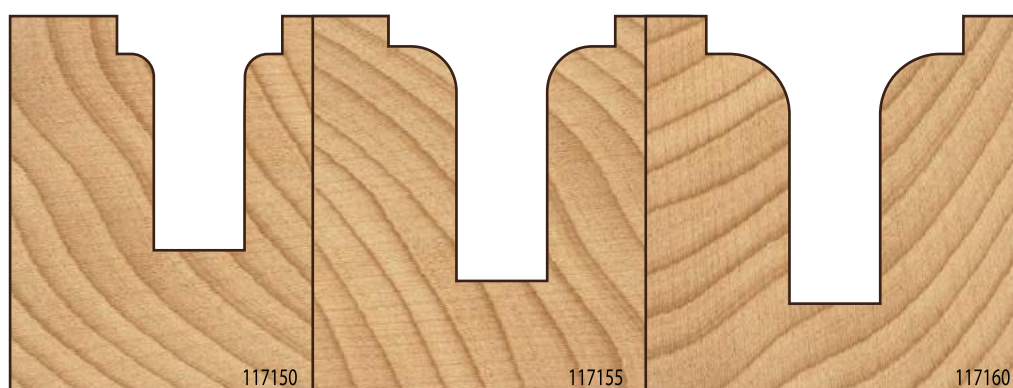
Router Bits

Profiling & Chamfering

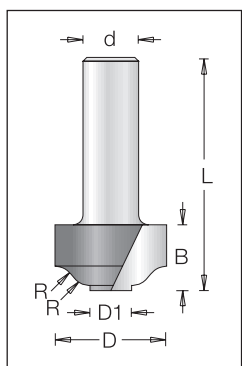
Rounding Over Bit



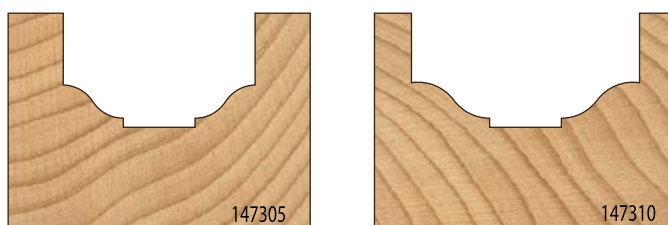
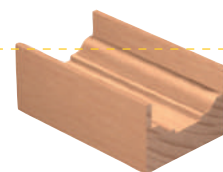
øD	øD1	R	B	Code No.	L	ød
22	12	3	31	1171509	69	12
30	12	6	35	1171559	73	12
34	12	8	38	1171609	76	12



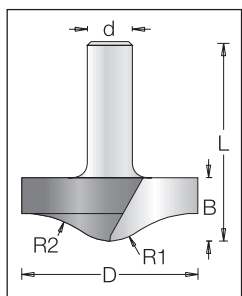
Ogee Bit



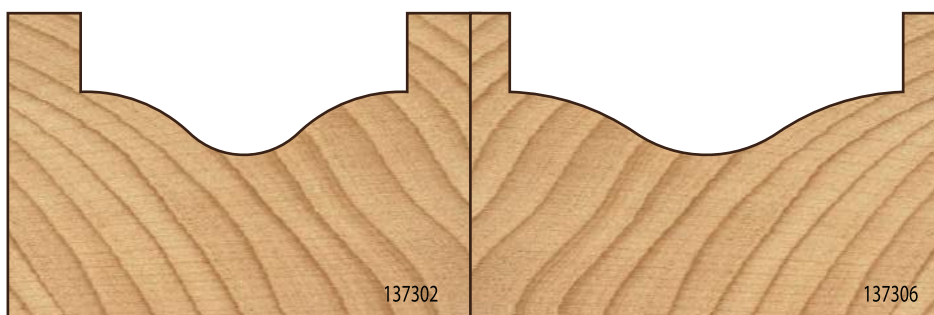
øD	øD1	R	B	Code No.	L	ød
25.4	9.5	4.8	15.1	1473059	53.2	12
30.2	11.9	5.9	15.1	1473109	53.2	12



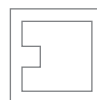
Round & Ogee Bit



øD	R1	R2	B	Code No.	L	ød
41.5	9.5	19	18	1373029	56	12
50.0	16.0	30	18	1373069	56	12



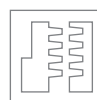
Router Bits



Grooving
& Sizing



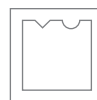
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

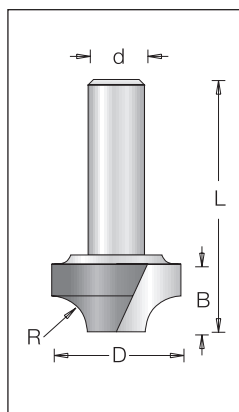


Carving

Router Bits

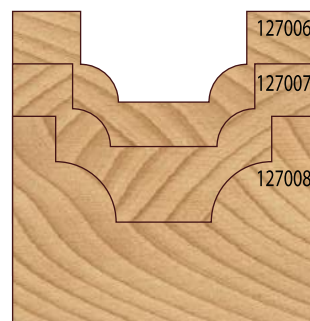
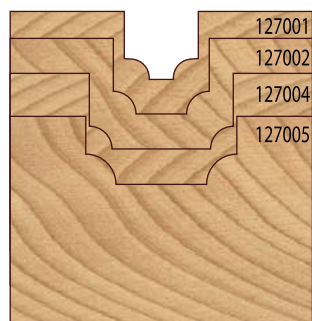
Profiling & Chamfering

Beading Bit



øD	R	B	Code No.	L	ød
9.8	2.5	9	1270013	49	6
	2.5	9	1270015	49	8
12.7	3.0	10	1270023	48	6
19.1	3.0	10	1270043	51	6
20.0	4.0	9	1270053	38	6
	4.0	9	1270055	41	8
22.0	5.0	12	1270063	55	6
24.0	6.0	11	1270075 ■	43	8
28.6	8.0	14	1270083	58	6
28.6	8.0	14	1270089	68	12

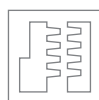
■ Available upon request



Grooving
& Sizing



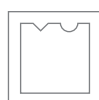
Profiling &
Chamfering



Jointing &
Rabbeting

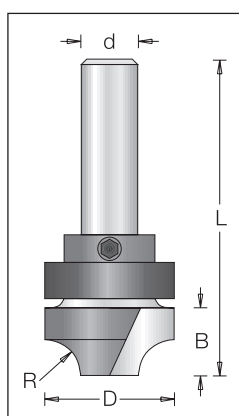


door Frame
& Panel



Carving

Beading Bit



øD	R	B	Code No.	L	ød	
12.7	3	10	1272023	48	6	A
19.1	3	10	1272043 ■	51	6	B
22.0	5	12	1272063	55	6	C
28.6	8	14	1272083 ■	58	6	D

■ Available upon request

Spare Parts:



A.Ball Bearing
#191 003 0
12.7x6.35x4.76



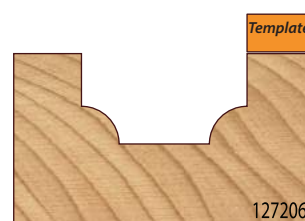
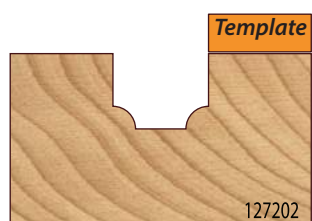
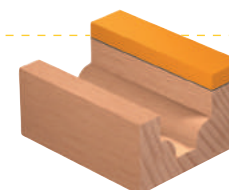
B.Ball Bearing
#191 014 0
19x6.3x7



C.Ball Bearing
#191 013 0
22x8x7



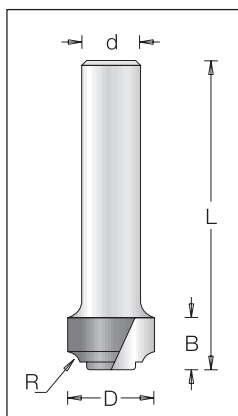
D.Ball Bearing
#1910180
28.5x12.7x8



Router Bits

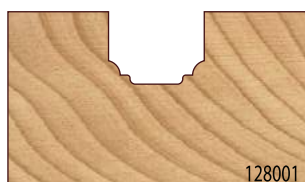
Profiling & Chamfering

Traditional Bit

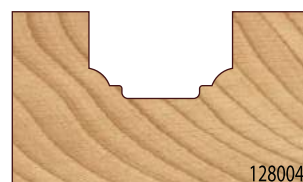


øD	R	B	Code No.	L	ød
19.	3.5	11.1	1280049 ■	68	12

■ Available upon request



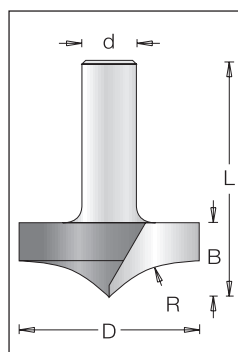
128001



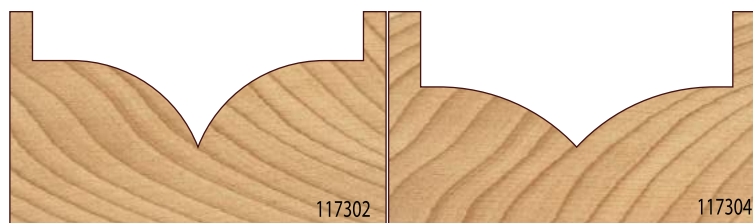
128004



Round Over Bit

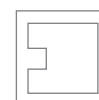


øD	R	B	Code No.	L	ød	ød
44.5	18.3	18.3	1173029	56.3	12	12
41.3	25.4	18.3	1173049	56.3	12	12



117302

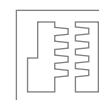
117304



Grooving
& Sizing

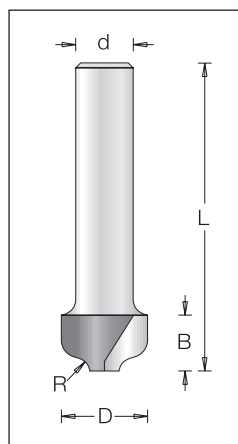


Profiling &
Chamfering



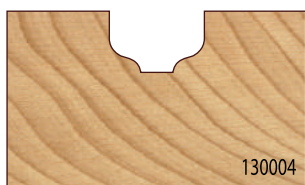
Jointing &
Rabbeting

Ogee Bit - Flat Bottom

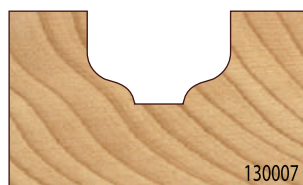


øD	R	B	Code No.	L	ød
12.7	2.0	9.5	1300043	51	6
	2.0	9.5	1300045	51	8
19.1	3.5	12.7	1300073	53	6
	3.5	12.7	1300075 ■	53	8
	3.5	12.7	1300079	68	12

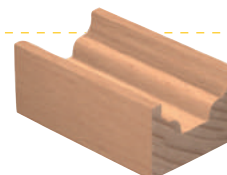
■ Available upon request



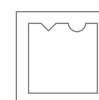
130004



130007



door Frame
& Panel

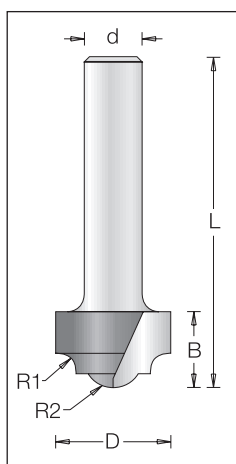


Carving

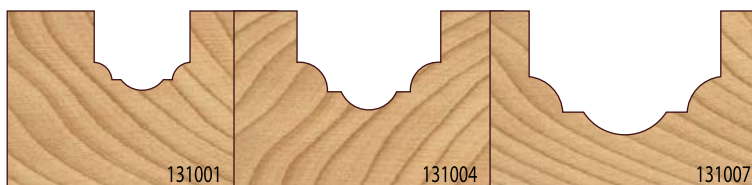
Router Bits

Profiling & Chamfering

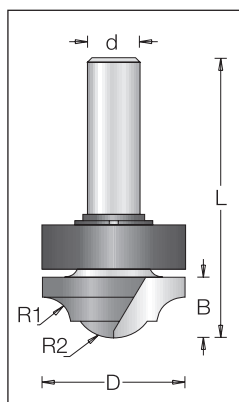
Classical Bit



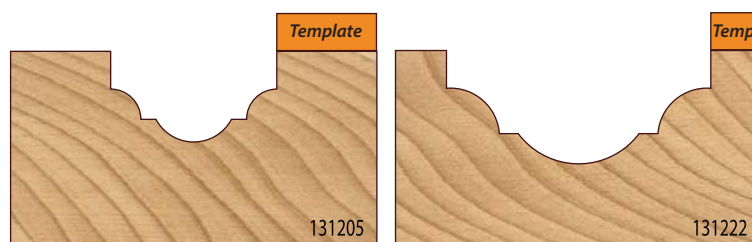
øD	R1	R2	B	Code No.	L	ød
12.7	2.5	3.5	10.5	1310013	51	6
	2.5	3.5	10.5	1310015	51	8
19.1	3.7	4	12.7	1310043	54	6
	3.7	4	12.7	1310045	54	8
	3.7	4	12.7	1310049	70	12
25.4	5	6.3	16.5	1310075	57	8
	5	6.3	16.5	1310079	73	12



Paneling Groover



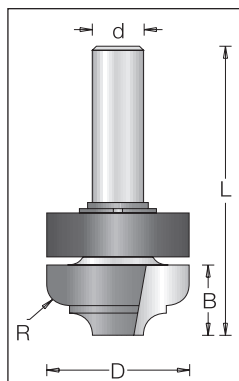
øD	R1	R2	Code No.	B	L	ød	
22	4.0	5.5	1312053	12	52	6	A
35	6.5	10.0	1312229	15	68	12	B



Spare Parts:

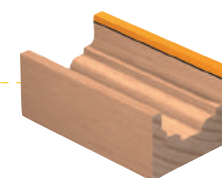
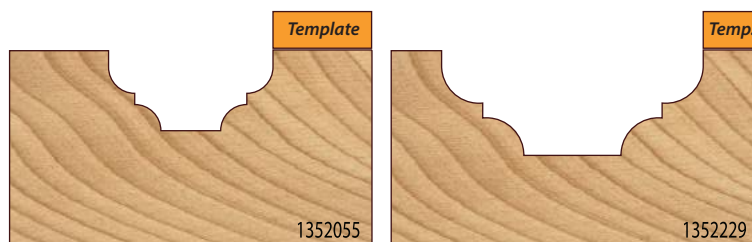


Paneling Flat Bottom Groover



øD	R	Code No.	B	L	ød	
22	3.5	1352053	11.1	51	6	A
	3.5	1352055 ■	11.1	54	8	A
35	5.0	1352229	14.3	67	12	B

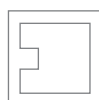
■ Available upon request



Spare Parts:



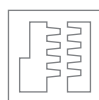
Router Bits



Grooving
& Sizing



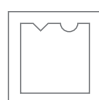
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

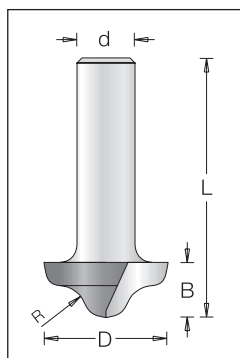


Carving

Router Bits

Profiling & Chamfering

Ogee Bit

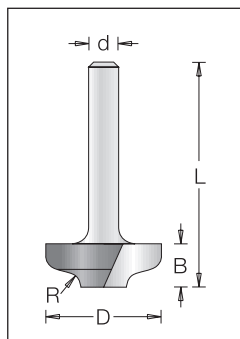


øD	R	Code No.	B	L	ød
27	6	1370043 ■	12	52	6
	6	1370045	12	52	8
	6	1370049	12	57	12

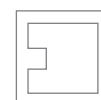
■ Available upon request



Ogee Bit - Flat Bottom



øD	R	Code No.	B	L	ød
25.4	3.2	1470063	9.5	49	6
	3.2	1470065	9.5	49	8
	3.2	1470069	9.5	49	12
35	3.2	1470109	9.5	59	12

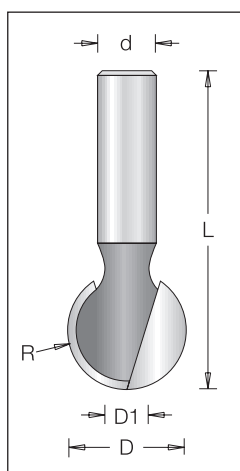


Grooving
& Sizing



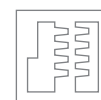
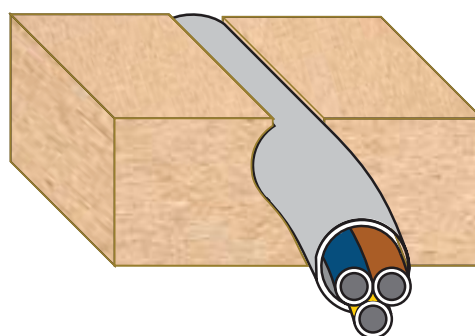
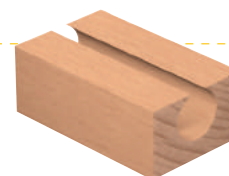
Profiling &
Chamfering

Ball Groovers



øD	øD1	R	Code No.	L	ød
12.7	6.35	6.35	1066049	58	12
16.0	7.0	8.0	1066079	63	12
19.0	8.0	9.5	1066109	64	12
22.2	8.0	11.1	1066139 ■	68	12
25.4	8.7	12.7	1066169	70	12
28.6	10.3	14.3	1066199 ■	74	12
32.0	11.1	16.0	1066229	75	12

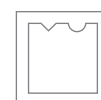
■ Available upon request



Jointing &
Rabbeting



door Frame
& Panel

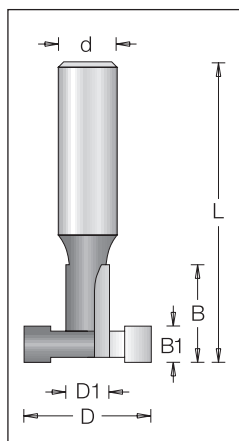


Carving

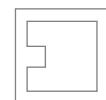
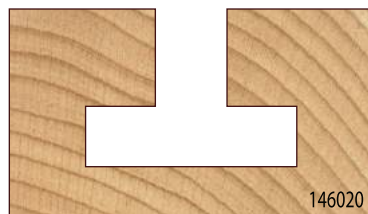
Router Bits

Profiling & Chamfering

T - Slotter Bit



øD	øD1	Code No.	B	B1	L	ød
28	9.5	1460206	20.7	8.0	60	9.5
	9.5	1460209	20.7	8.0	66	12.0
35	12.7	1460239	22.2	9.5	65	12.0



Grooving
& Sizing



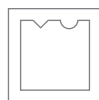
Profiling &
Chamfering



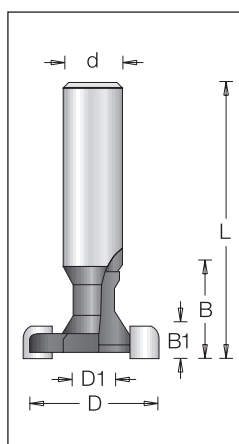
Jointing &
Rabbeting



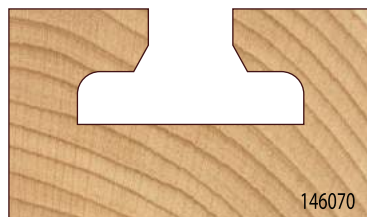
door Frame
& Panel



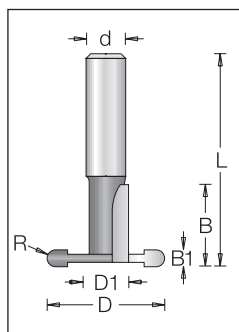
Carving



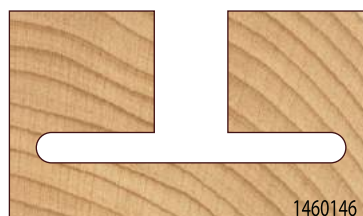
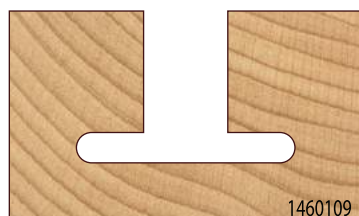
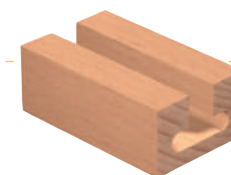
øD	øD1	Code No.	B	B1	L	ød
30	10.5	1460709	17	7	60	12



T - Slotter Radius Bit



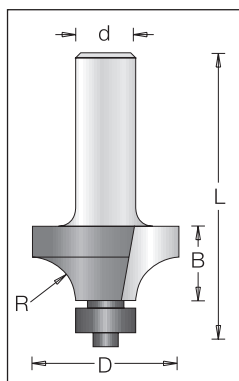
øD	øD1	Code No.	B	B1	R	L	ød
40.8	9.7	1460146	20.7	4	2	52	9.5
28.8	11.1	1460106	20.7	4	2	52	9.5
	11.1	1460109	20.7	4	2	55	12



Router Bits

Profiling & Chamfering

Rounding - Over Bit



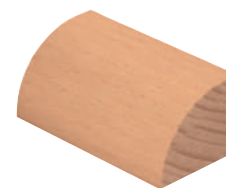
Spare Parts:



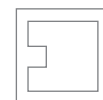
Ball Bearing
#191 007 0
12.7x4.76x5

øD	R	B	Code No.	L	ød	n
15.9	1.7	7.9	1090013	47.0	6	
	1.7	7.9	1090015	50.0	8	
19.1	3.2	9.5	1090043	50.0	6	
	3.2	9.5	1090045	53.0	8	
20.7	4.0	9.5	1090053	49.5	6	
	4.0	9.5	1090055	53.0	8	
22.2	4.8	12.7	1090073	52.0	6	
	4.8	12.7	1090075	55.5	8	
25.4	6.3	12.7	1090103	51.5	6	
	6.3	12.7	1090105	55.0	8	
28.6	7.9	13.5	1090133	53.0	6	
	7.9	13.5	1090135	56.0	8	
31.8	9.5	15.9	1090163	55.5	6	
	9.5	15.9	1090165	59.0	8	
35.4	11.1	17.0	1090503	57.0	6	
	11.1	17.0	1090509	66.0	12	
38.1	12.7	19.1	1090193	58.0	6	
	12.7	19.1	1090195	61.0	8	
15.9	1.7	7.9	1090019	57.0	12	
19.1	3.2	9.5	1090049	59.0	12	
20.7	4.0	9.5	1090059	59.0	12	
22.2	4.8	12.7	1090079	62.0	12	
25.4	6.3	12.7	1090109	62.0	12	
28.6	7.9	13.5	1090139	62.0	12	
31.8	9.5	15.9	1090169	65.0	12	
38.1	12.7	19.1	1090199	67.0	12	
41.3	14.3	20.0	1090209	70.0	12	
44.5	15.9	22.2	1090229	71.0	12	
50.8	19.1	25.4	1090259	75.0	12	
57.1	22.2	29.4	1090269	79.0	12	
63.5	25.4	31.8	1090289	91.5	12	
69.9	28.6	34.9	1090309	95.0	12	18,000
76.3	31.8	38.1	1090319	98.0	12	18,000
82.5	35.0	41.3	1090339	101.0	12	16,000
88.9	38.1	44.5	1090349	105.0	12	16,000

Max.
RPM



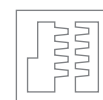
Router Bits



Grooving
& Sizing



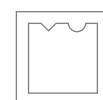
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

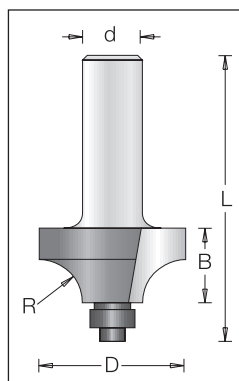


Carving

Router Bits

Profiling & Chamfering

Ovolo Bit



Spare Parts:



Ball Bearing
#191 004 0
9.5x4.7x3

øD	R	B	Code No.	L	ød	n
15.9	1.7	7.9	1190013	47.0	6	
	1.7	7.9	1190015	50.0	8	
19.1	3.2	9.5	1190043	50.0	6	
	3.2	9.5	1190045	53.0	8	
20.7	4.0	9.5	1190053	49.5	6	
	4.0	9.5	1190055	53.0	8	
22.2	4.8	12.7	1190073	52.0	6	
	4.8	12.7	1190075	55.5	8	
25.4	6.3	12.7	1190103	50.0	6	
	6.3	12.7	1190105	55.0	8	
28.6	7.9	13.5	1190133	53.0	6	
	7.9	13.5	1190135	56.0	8	
31.8	9.5	15.9	1190163	55.5	6	
	9.5	15.9	1190165	59.0	8	
38.1	12.7	19.1	1190193	58.0	6	
	12.7	19.1	1190195	61.0	8	
15.9	1.7	7.9	1190019 ■	57.0	12	
19.1	3.2	9.5	1190049	59.0	12	
20.7	4.0	9.5	1190059	59.0	12	
22.2	4.8	12.7	1190079	62.0	12	
25.4	6.3	12.7	1190109	62.0	12	
28.6	7.9	13.5	1190139 ■	62.0	12	
31.8	9.5	15.9	1190169	65.0	12	
38.1	12.7	19.1	1190199	67.0	12	
41.3	14.3	20.0	1190209	70.0	12	
44.5	15.9	22.2	1190229	71.0	12	
50.8	19.1	25.4	1190259	75.0	12	
63.5	25.4	31.8	1190289	91.5	12	

■ Available upon request



Grooving
& Sizing



Profiling &
Chamfering



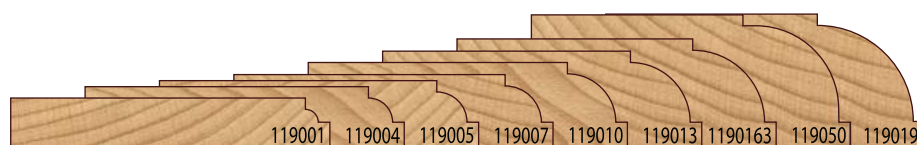
Jointing &
Rabbeting



door Frame
& Panel



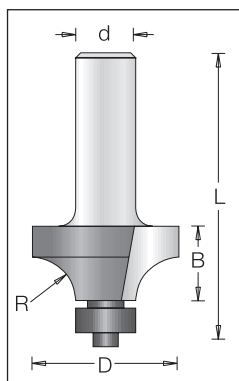
Carving



Router Bits

Profiling & Chamfering

Rounding - Over Bit



Spare Parts:

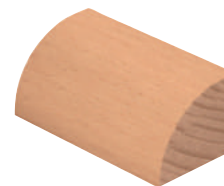


Ball Bearing
#191 007 0
12.7x4.76x5

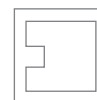
øD	R	B	Code No.	L	ød	n
16.7	2	7.7	1099013	47.5	6	
	2	7.7	1099015	51.0	8	
18.7	3	9.5	1099043	49.5	6	
	3	9.5	1099045	53.0	8	
22.7	5	12.0	1099073	52.0	6	
	5	12.0	1099075	55.5	8	
24.7	6	12.0	1099103	51.5	6	
	6	12.0	1099105	55.0	8	
28.7	8	13.5	1099133 ■	53.5	6	
	8	13.5	1099135	57.0	8	
32.7	10	16.0	1099163	55.5	6	
	10	16.0	1099165	59.0	8	
36.7	12	17.5	1099193	57.5	6	
	12	17.5	1099195	61.0	8	
32.7	10	16.0	1099169	65.0	12	
36.7	12	17.5	1099199	67.0	12	
42.0	15	21.2	1099229	70.0	12	
48.7	18	25.7	1099259	72.5	12	
52.7	20	25.4	1099269	74.0	12	
62.7	25	31.2	1099289	90.5	12	
72.6	30	38.7	1099319	98.0	12	18,000
82.7	35	42.0	1099339 ■	91.0	12	16,000

■ Available upon request

Max.
RPM



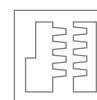
Router Bits



Grooving
& Sizing



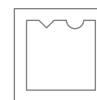
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

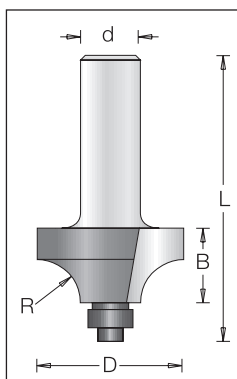


Carving

Router Bits

Profiling & Chamfering

Ovolo Bit



øD	R	B	Code No.	L	ød	n
16.7	2	7.7	1199013	47.5	6	
	2	7.7	1199015	51.0	8	
18.7	3	9.5	1199043	49.5	6	
	3	9.5	1199045	53.0	8	
22.7	5	12.0	1199073	52.0	6	
	5	12.0	1199075	55.5	8	
24.7	6	12.0	1199105	55.0	8	
	10	16.0	1199163	55.5	6	
32.7	10	16.0	1199165	59.0	8	
	12	17.5	1199193	57.5	6	
36.7	12	17.5	1199195	61.0	8	



Spare Parts:



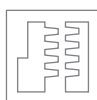
Ball Bearing
#191 004 0
9.5x4.7x3



Grooving
& Sizing



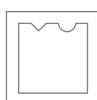
Profiling &
Chamfering



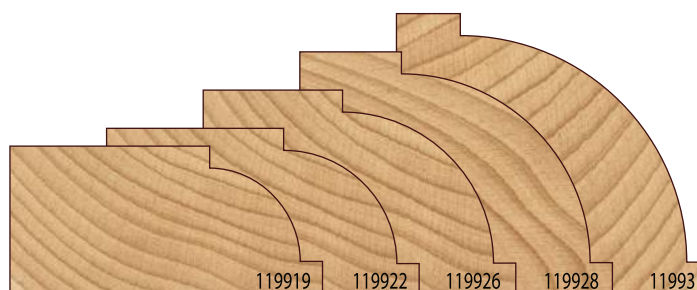
Jointing &
Rabbeting



door Frame
& Panel



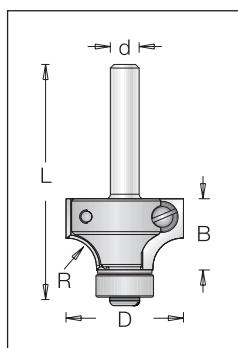
Carving



Router Bits

Profiling & Chamfering

Ovolo Bit



øD	B	R	Code No.	L	ød
26	15.7	6.35	E1093255	56.7	8

Can be supplied with 6mm shank.

Spare Parts:



T.C. Blade
#310 932 6
15.7x9x1.5



Ball Bearing
#191 007 0
12.7x4.76x5



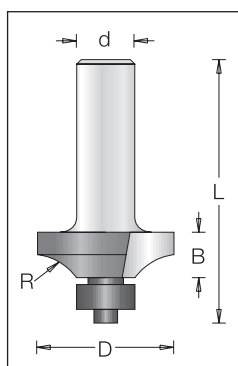
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



Flat Rounding - Over Bit

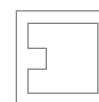
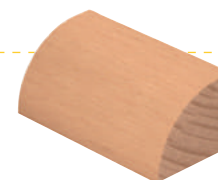


øD	R	B	Code No.	L	ød
30	12	10	1092183	50.0	6
	12	10	1092189	60.0	12

Spare Parts:



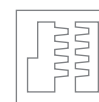
Ball Bearing
#191 007 0
12.7x4.76x5



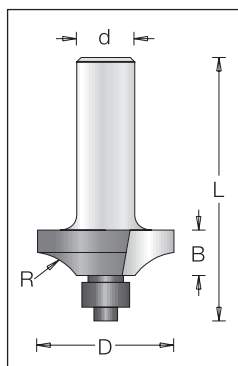
Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting

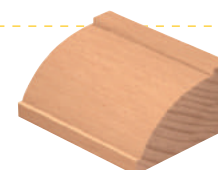


øD	R	B	Code No.	L	ød
30	12	10	1192183	48.0	6
	12	10	1192189	58.0	12

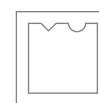
Spare Parts:



Ball Bearing
#191 004 0
9.5x4.7x3



door Frame
& Panel

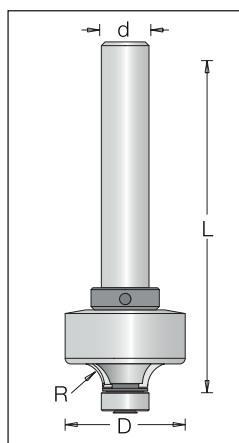


Carving

Router Bits

Profiling & Chamfering

Round Corner 3D Router Bit



øD	R	B	Code No.	L	ød
25	3	8	5588269 ■	97	12
36	6	10	5588279* ■	99	12

■ Available upon request

Spare Parts:



Ball Bearing
#191 007 0
4.7x12.7x5



Ball Bearing
#191 020 0
19x12.7x4



Allen screw
#193 001 6
NC5x40x5



Lock Ring
#193 077 0
M4x12



Aluminum Ring
#192 166 0
D=26



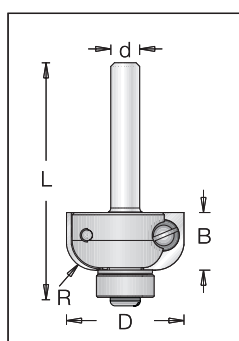
Allen key
#194 020 0
S2



Aluminum Ring*
#192 167 0
D=32



Core Bit



øD	B	R	Code No.	L	ød
26	12.7	6.35	E1123055 ■	54.5	8

■ Available upon request

Spare Parts:



T.C. Blade
#311 200 6
12.7x9x1.5



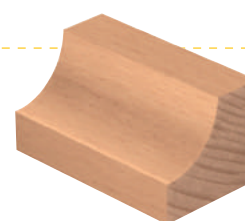
Ball Bearing
#191 007 0
4.7x12.7x5



screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



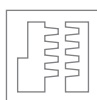
Router Bits



Grooving
& Sizing



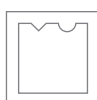
Profiling &
Chamfering



Joining &
Rabbeting



door Frame
& Panel

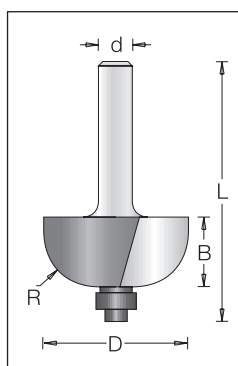


Carving

Router Bits

Profiling & Chamfering

Core Bit

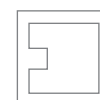


Spare Parts:



Ball Bearing
#191 001 0
9.5 x3.2x4

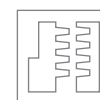
øD	R	B	Code No.	L	ød
12.7	1.6	12.7	1120023	51.0	6
15.9	3.2	12.7	1120033	51.0	6
	3.2	12.7	1120035	54.0	8
19.1	4.8	14.3	1120013	51.0	6
	4.8	14.3	1120015	54.0	8
22.2	6.3	14.3	1120043	51.0	6
	6.3	14.3	1120045	54.0	8
25.4	7.9	14.3	1120073	51.0	6
	7.9	14.3	1120075	55.0	8
28.6	9.5	14.3	1120103	52.0	6
	9.5	14.3	1120105	55.0	8
34.9	12.7	16.7	1120133	55.0	6
	12.7	16.7	1120135	55.0	8
19.1	4.8	14.3	1120019	60.5	12
22.2	6.3	14.3	1120049	60.5	12
25.4	7.9	14.3	1120079	60.5	12
28.6	9.5	14.3	1120109	60.5	12
41.3	16.0	18.0	1120159	65.0	12
57.1	22.2	31.8	1120189	81.0	12



Grooving
& Sizing



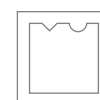
Profiling &
Chamfering



Jointing &
Rabbeting

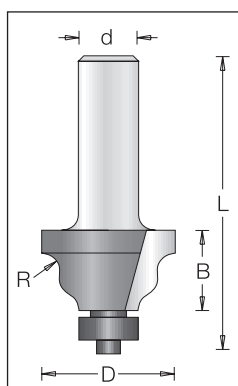


door Frame
& Panel



Carving

Wavy Edge Bit

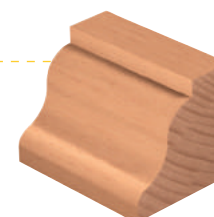


øD	R	B	Code No.	L	ød
31.8	4	17.5	1133043	57	6
	4	17.5	1133049	67	12

Spare Parts:



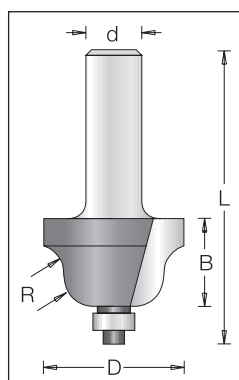
Ball Bearing
#191 007 0
12.7x4.76x5



Router Bits

Profiling & Chamfering

Roman Ogee Bit

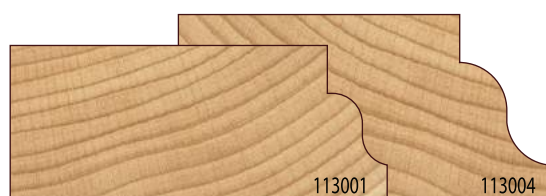
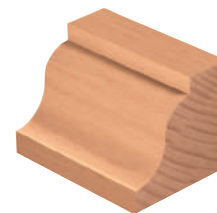


øD	R	B	Code No.	L	ød
25.4	4.0	15.9	1130013	54.0	6
	4.0	15.9	1130015	57.0	8
34.9	6.3	20.0	1130043	58.0	6
	6.3	20.0	1130045	61.5	8
25.4	4.0	15.9	1130019	63.0	12
34.9	6.3	20.0	1130049	67.5	12

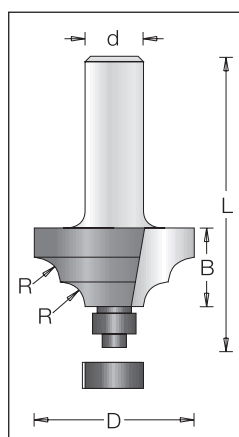
Spare Parts:



Ball Bearing
#191 001 0
9.5x3.2x4



Classical Bit



øD	R	B	Code No.	L	ød	
28.6	4.0	12.7	1360023	52.5	6	A
34.9	5.5	17.0	1360013	57.0	6	A
	5.5	17.0	1360015	60.5	8	A
28.6	4.0	12.7	1360029	62.0	12	A
34.9	5.5	17.0	1360019	66.0	12	A
38.1	6.3	19.1	1360069	68.5	12	A
50.8	9.5	22.2	1360089	72.0	12	A
28.6	4.0	12.7	1360035	54	8	B
34.9	5.5	17.0	1360043	55	6	B
28.6	4.0	12.7	1360039	60	12	B
34.9	5.5	17.0	1360049	65	12	B

■ Available upon request

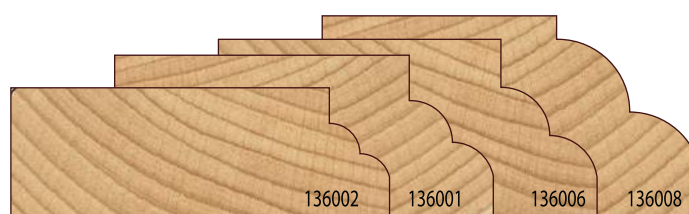
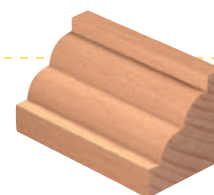
Spare Parts:



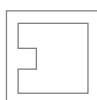
A.Ball Bearing
#191 007 0
12.7x4.7x5



B.Ball Bearing
#191 004 0
9.5x4.7x3



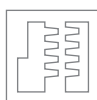
Router Bits



Grooving
& Sizing



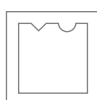
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

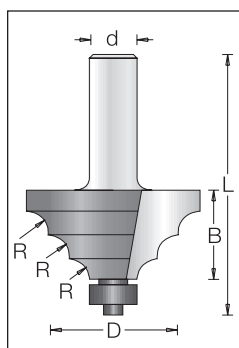


Carving

Router Bits

Profiling & Chamfering

Classical Moulding Bit

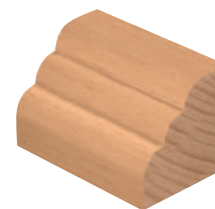
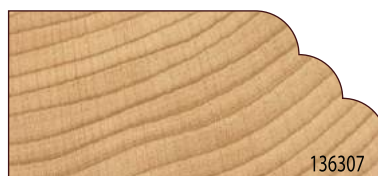


øD	R	B	Code No.	L	ød
47.3	6	23.8	1363079	73	12

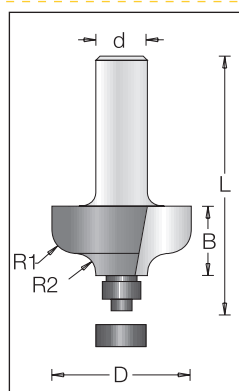
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.76x5



Ogee Fillet Bit



øD	R1	R2	Code No.	B	L	ød	
28.6	4.5	4	1380023 ■	12.7	52.5	6	A
	4.5	4	1380025 ■	12.7	56	8	A
34.9	6.0	5	1380013 ■	17.5	57	6	A
	6.0	5	1380015 ■	17.5	60.5	8	A
28.6	4.5	4	1380029 ■	12.7	62	12	A
34.9	6.0	5	1380019	17.5	67	12	A
28.6	4.5	4	1380033 ■	12.7	51	6	B
	6.0	5	1380043	17.5	56	6	B
34.9	6.0	5	1380045 ■	17.5	59	8	B
34.9	6.0	5	1380049	17.5	65	12	B

■ Available upon request

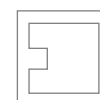
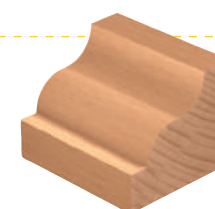
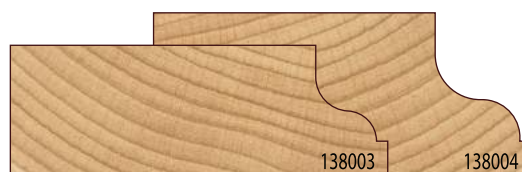
Spare Parts:



Ball Bearing
#191 0070
12.7x4.76x5



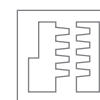
B.Ball Bearing
#191 004 0
9.5x4.7x3



Grooving
& Sizing



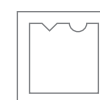
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel



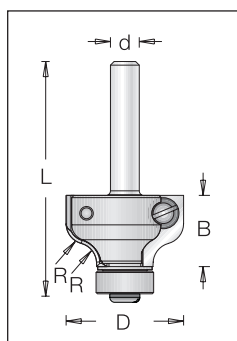
Carving

Router Bits

Router Bits

Profiling & Chamfering

Ogee Fillet Bit



øD	B	R	Code No.	L	ød
26	15.7	4.5	E1383065	56.7	8

Spare Parts:



T.C. Blade
#313 850 1
15.7x9x1.5



Ball Bearing
#191 007 0
12.7x4.76x5



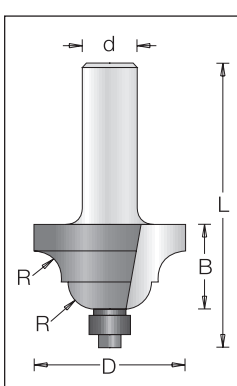
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



Classical Bit

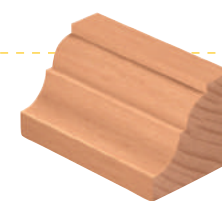


øD	R	B	Code No.	L	ød
25.4	4.0	16	1340013	54.0	6
	4.0	16	1340015	57.5	8
34.9	6.3	20	1340043	56.5	6
	6.3	20	1340045	60.0	8
25.4	4.0	16	1340019	63.5	12
34.9	6.3	20	1340049	66.0	12

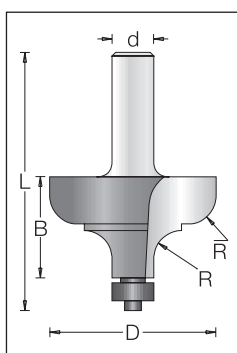
Spare Parts:



Ball Bearing
#191 001 0
9.5x3.2x4



Classical Mould Bit

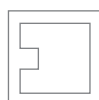
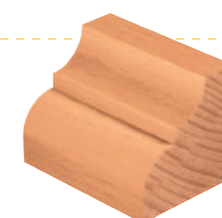


øD	R	Code No.	B	L	ød
51	8.5	1560419	31	80	12

Spare Parts:



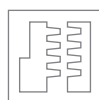
Ball Bearing
#191 007 0
12.7x4.76x5



Grooving
& Sizing



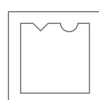
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

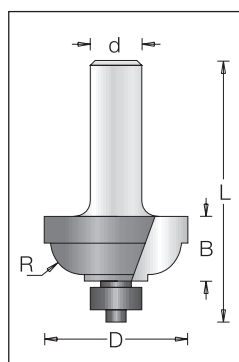


Carving

Router Bits

Profiling & Chamfering

Classic Cove Bit

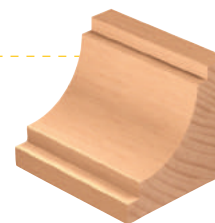
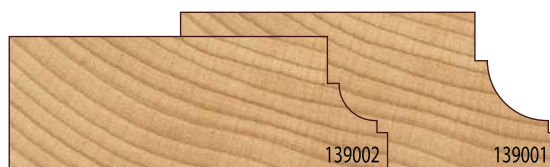


øD	R	Code No.	B	L	ød
28.6	4.8	1390023	12.7	52.0	6
	4.8	1390025	12.7	55.5	8
34.9	7.9	1390013	15.9	55.5	6
34.9	7.9	1390019	15.9	65.0	12

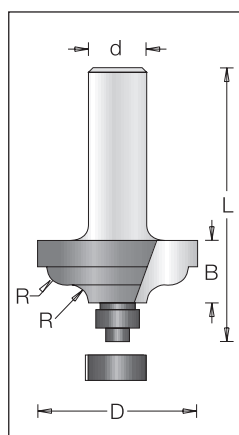
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.76x5



Ogee Fillet Bit



øD	R	B	Code No.	L	ød	
34.9	4.0	13.5	1210013	54.0	6	A
	4.0	13.5	1210015	57.5	8	A
	4.0	13.5	1210073 ■	52.0	6	B
	4.0	13.5	1210075	55.5	8	B
	4.0	13.5	1210019 ■	63.5	12	A
	4.0	13.5	1210079 ■	61.0	12	B
41.3	6.3	19.1	1210049	69.0	12	A
	6.3	19.1	1210109 ■	67.0	12	B
57.2	9.5	25.4	1210159	75.0	12	A

■ Available upon request

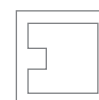
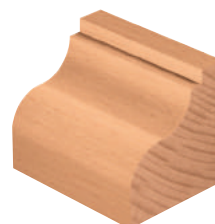
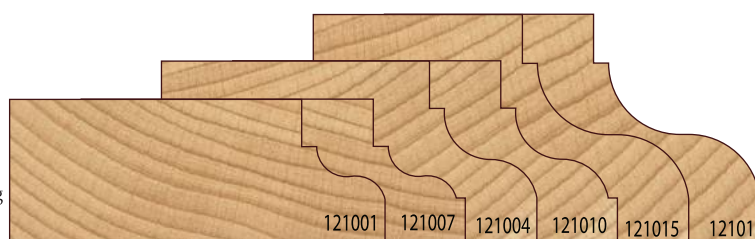
Spare Parts:



A. Ball Bearing
#191 007 0
12.7x4.76x5



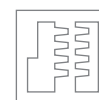
B. Ball Bearing
#191 004 0
9.5x4.7x3



Grooving
& Sizing



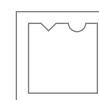
Profiling &
Chamfering



Jointing &
Rabbeting

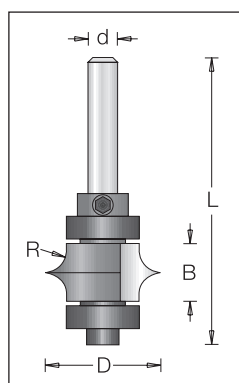


door Frame
& Panel



Carving

Sunk Bead Bit



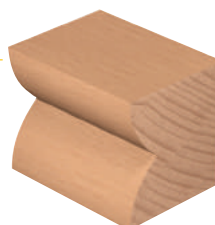
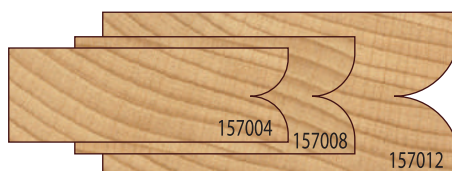
øD	R	Code No.	B	L	ød
25.4	4.8	1570043	12.7	66	6
28.6	6.3	1570083	15.9	69	6
34.5	9.5	1570123 ■	22.2	75	6

■ Available upon request

Spare Parts:



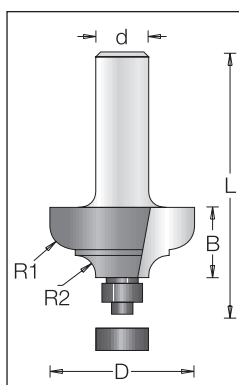
Ball Bearing
#191 015 0
6.3x16x5



Router Bits

Profiling & Chamfering

Ogee Fillet Bit



Spare Parts:



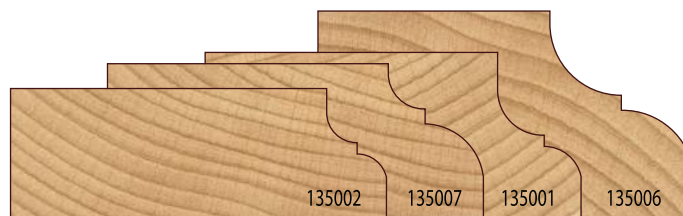
A. Ball Bearing
#191 007 0
12.7x4.7x5



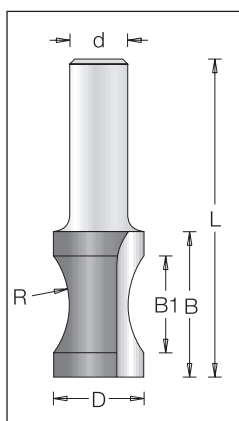
B. Ball Bearing
#191 004 0
9.5x4.7x3

øD	R1	R2	Code No.	B	L	ød	
28.6	4.0	4.0	1350023	12.7	52.5	6	A
	4.0	4.0	1350025	12.7	56.0	8	A
34.9	6.0	5.0	1350013 ■	17.5	56.5	6	A
	6.0	5.0	1350015	17.5	60.0	8	A
28.6	4.5	4.0	1350029	12.7	62.0	12	A
34.9	6.0	4.8	1350019	17.5	66.0	12	A
38.0	4.7	8.0	1350079	16.0	65.0	12	A
51.0	9.5	9.5	1350069	23.0	72.0	12	A
28.6	4.0	4.0	1350035	12.7	54.0	8	B
34.9	6.0	5.0	1350043	17.5	55.0	6	B
	6.0	5.0	1350045	17.5	58.5	8	B
28.6	4.0	4.0	1350039	12.7	60.0	12	B
38.0	4.7	8.0	1350089 ■	16.0	65.0	12	B

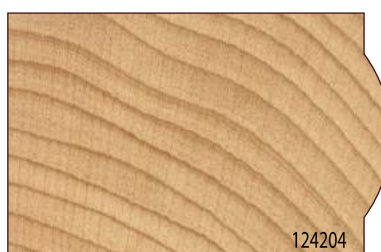
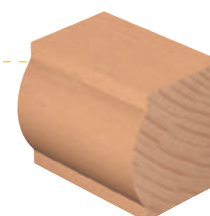
■ Available upon request



Flat Bull Nose Bit



øD	R	Code No.	B	B1	L	ød
20	18	1242045	32	21.3	64	8
	18	1242049	32	21.3	70	12



Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

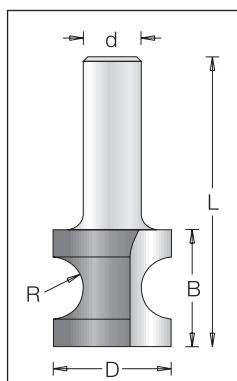


Carving

Router Bits

Profiling & Chamfering

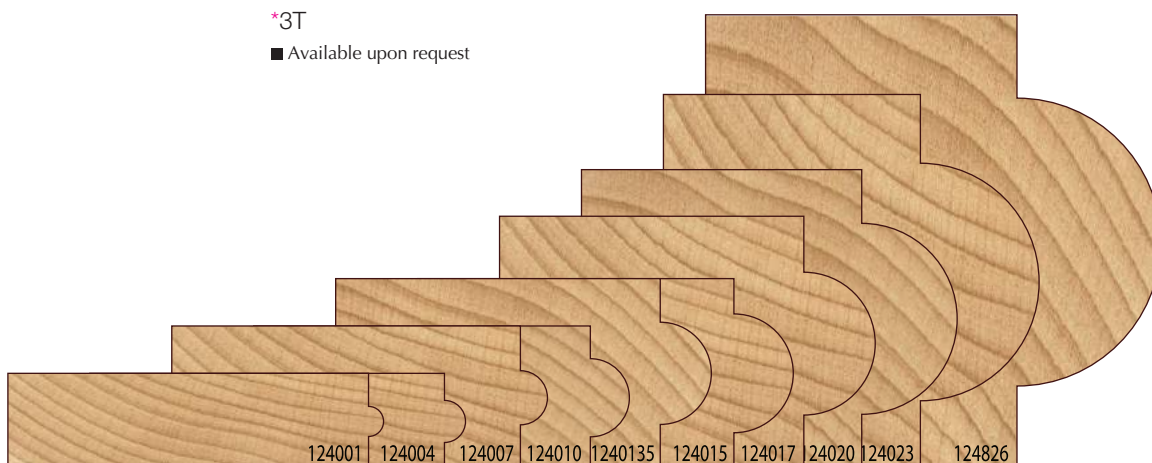
Bull Nose Bit



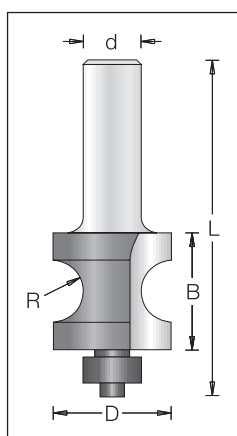
øD	R	Code No.	B	L	ød	n
13.5	2.0	1240013	12.7	41.3	6	
	2.0	1240015	12.7	45.0	8	
15.1	2.8	1240043	12.7	41.3	6	
	2.8	1240045	12.7	45.0	8	
16.7	3.6	1240073	19.1	47.6	6	
	3.6	1240075	19.1	51.0	8	
22.2	5.2	1240103 ■	19.1	47.6	6	
	5.2	1240105	19.1	51.0	8	
26.2	6.8	1240135	25.4	57.5	8	
13.5	2.0	1240019	12.7	55.0	12	
15.1	2.8	1240049	12.7	51.0	12	
16.7	3.6	1240079	19.1	57.0	12	
22.2	5.2	1240109	19.1	57.0	12	
26.1	6.8	1240139	25.4	63.5	12	
28.0	7.9	1240159	25.4	63.5	12	
33.3	9.5	1240179	33.7	72.0	12	
42.0	12.7	1240209	39.7	78.0	12	
50.8	15.9	1240239	50.0	88.0	12	
60.3	19.1	1248269*	50.8	98.0	12	18,000

*3T

■ Available upon request



Bull Nose Bit



øD	R	Code No.	B	L	ød	
26.2	6.8	1243139	26	75	12	A
35.0	9.5	1243179	34	84	12	B
44.5	12.7	1243209	40	93	12	C
50.8	15.8	1243239	50	103	12	C

Spare Parts:



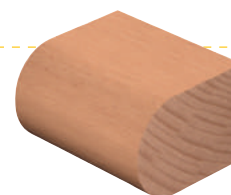
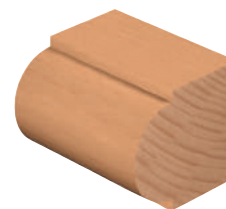
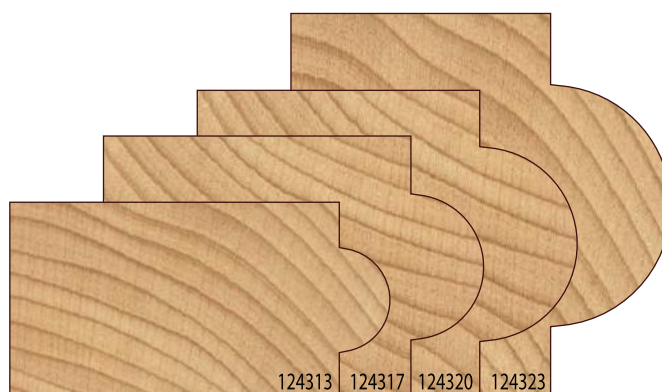
A. Ball Bearing
#191 007 0
12.7x4.7x5



B. Ball Bearing
#191 010 0
16x5x5



C. Ball Bearing
#191 014 0
19.05 x6.35 x7.14



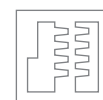
Router Bits



Grooving
& Sizing



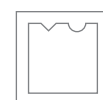
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

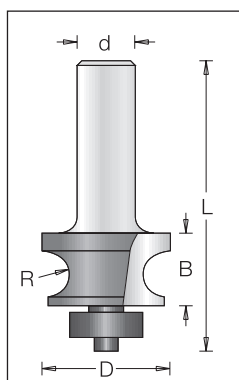


Carving

Router Bits

Profiling & Chamfering

Corner Bead Cutter



øD	R	Code No.	B	L	ød	
23.0	2.0	1241053	10.3	50.0	6	B
22.2	3.2	1241083	14.3	54.0	6	A
	3.2	1241085	14.3	57.0	8	A
28.2	5.0	1241113	16.5	57.0	6	B
	5.0	1241115	16.5	57.0	8	B
31.8	6.3	1241133	19.1	58.0	6	B
	6.3	1241135 ■	19.1	60.0	8	B
22.2	3.2	1241089	13.5	63.5	12	A
28.2	4.8	1241119	16.5	66.5	12	B
31.8	6.3	1241139	19.1	68.0	12	B
38.1	9.5	1241179	25.4	75.0	12	B

■ Available upon request

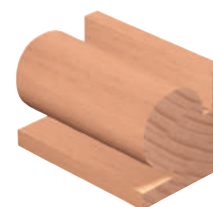
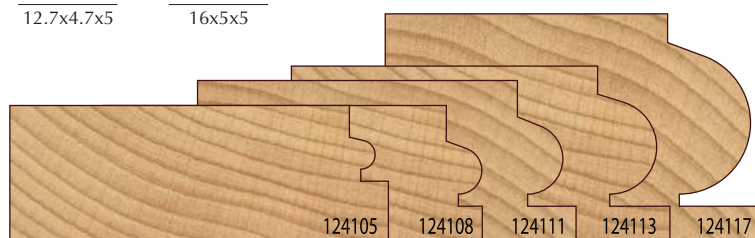
Spare Parts:



A. Ball Bearing
#191 007 0
12.7x4.7x5



B. Ball Bearing
#191 010 0
16x5x5



Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting

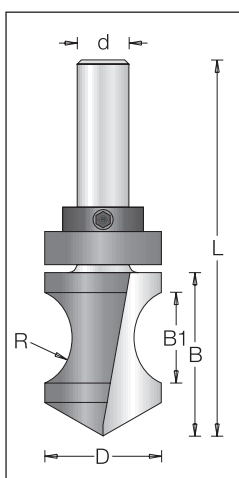


door Frame
& Panel



Carving

Plunge Template Bull Nose Bit

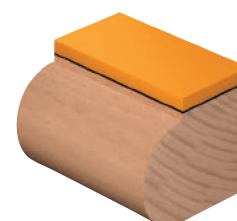
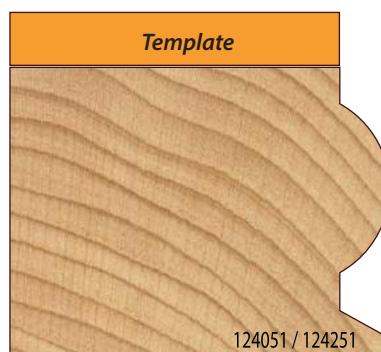


øD	R	Code No.	B	B1	L	ød
28.5	12.7	1240519	40	22.2	92	12
	12.7	1242519*	40	22.2	92	12

Spare Parts:



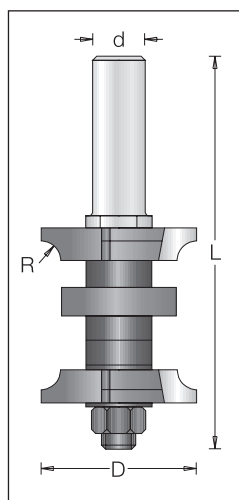
Ball Bearing
#191 018 0
28.6x12.7x8



Router Bits

Profiling & Chamfering

Adjustable Set - Round Over



	R	Code No.	øD	B Min.	B Max	L	ød
Complete	4.8	1580009	38.1	9.5	38	12	12
Top Cutter	4.8	1580940	38.1				
Bottom Cutter	4.8	1580950	38.1				

	R	Code No.	øD	B Min.	B Max	L	ød
Complete	6.35	1581009	40.7	12.7	36	96	12
Top Cutter	6.35	1580640	40.7				
Bottom Cutter	6.35	1580630	40.7				



Spare Parts:



Arbor & Nut
#190 009 9
L=96



Ball Bearing
#191 016 0
8x28x9



Spacer
#192 013 0
0.5x16



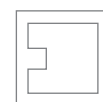
Washer
#192 011 0
1x16



Spacer
#192 015 0
3x16



Spacer
#192 016 0
6x16

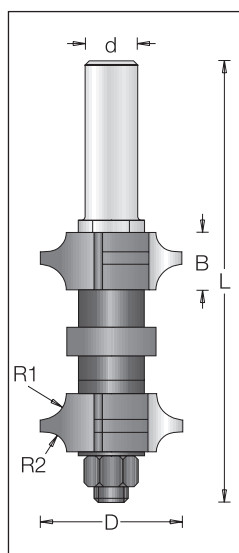


Grooving
& Sizing

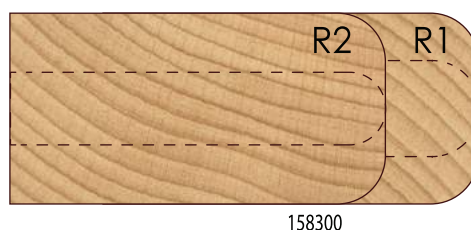
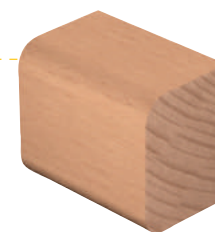


Profiling &
Chamfering

Adjustable Set - Dual Radius



	R1	R2	Code No.	øD	B Min.	B Max	L	ød
Complete	6.3	4.8	1583009	34.8	9.5/12.7	35/38	108	12
Top Cutter	6.3	4.8	1583020	34.8				
Bottom Cutter	6.3	4.8	1583010	34.8				



Spare Parts:



Arbor & Nut
#190 011 9
L=108



Ball Bearing
#191 013 0
8x22x7



Spacer
#192 100 0
0.1x16



Spacer
#192 013 0
0.5x16



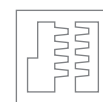
Washer
#192 011 0
1x16



Spacer
#192 015 0
3x16



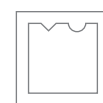
Spacer
#192 016 0
6x16



Jointing &
Rabbeting



door Frame
& Panel

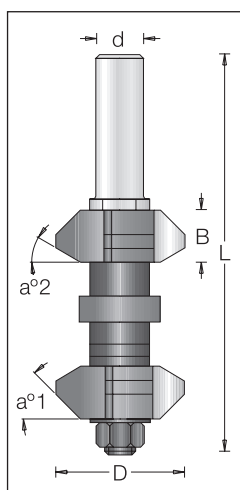


Carving

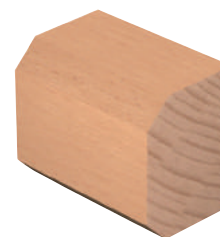
Router Bits

Profiling & Chamfering

Adjustable Set - Chamfer



	a°-1	a°-2	Code No.	øD	B Max	L	ød
Complete	45°	30°	1584009	34.8	42/35	108	12
Top Cutter	45°	30°	1584010	34.8			
Bottom Cutter	45°	30°	1584020	34.8			



Spare Parts:



Arbor & Nut
#190 011 9
L=108



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x16



Spacer
#192 016 0
6x16



Spacer
#192 015 0
3x16



Spacer
#192 013 0
0.5x16

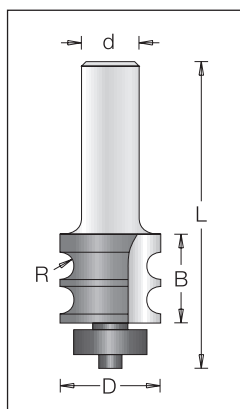


Spacer
#192 100 0
0.1x16



158400

Double Bead Bit



øD	R	Code No.	B	L	ød
22.2	3	1243089	19.1	69	12

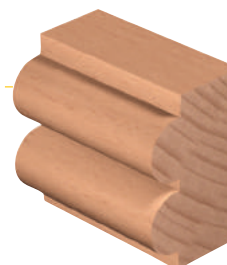
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



124308



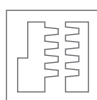
Router Bits



Grooving
& Sizing



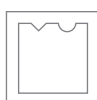
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

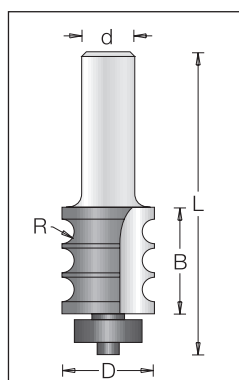


Carving

Router Bits

Profiling & Chamfering

Triple Bead Bit

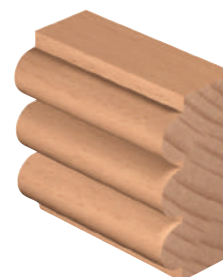


øD	R	Code No.	B	L	ød
22.2	3	1243329	25.4	74	12

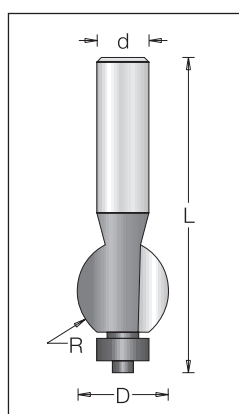
Spare Parts:



Ball Bearing
#191 010 0
5x16x5



Flat Sunk Bead Bit

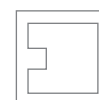
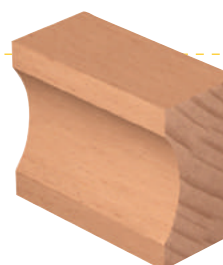


øD	R	Code No.	B	L	ød
19.1	8.0	1623029	12.7	70	12
22.2	12.0	1623049	19.1	78	12
	19.5	1623059	25.4	85	12
25.4	32.0	1623069	38.1	98	12

Spare Parts:



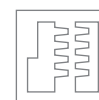
Ball Bearing
#191 007 0
12.7x4.76x5



Grooving
& Sizing

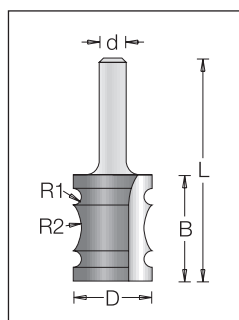


Profiling &
Chamfering

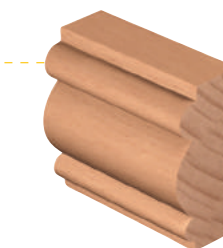


Jointing &
Rabbeting

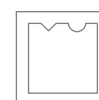
Reed Edge Mould Bit



øD	R1	R2	Code No.	B	L	ød
19.1	2	6	1243093	25.4	55	6



door Frame
& Panel



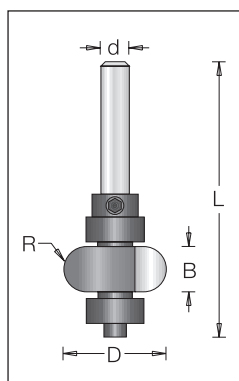
Carving

Router Bits

Router Bits

Profiling & Chamfering

Sunk Bead Bit



Spare Parts:



Ball Bearing
#191 007 0
12.7x4.76x5

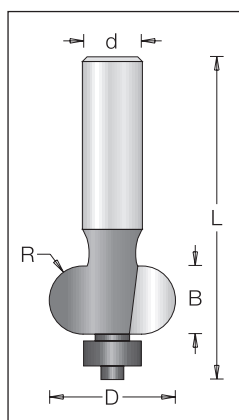


Ball Bearing
#191 003 0
12.7x6.35x4.76

øD	R	Code No.	B	L	ød
19.1	3.2	1622023	6.4	57	6
22.7	5.0	1622053	10.0	61	6



Sunk Bead Bit

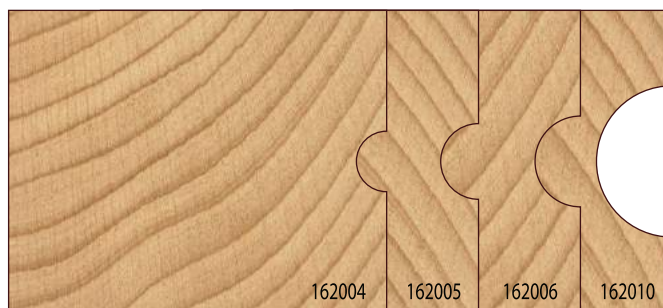
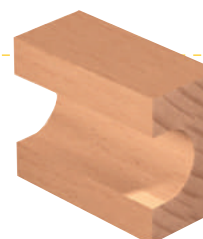


Spare Parts:

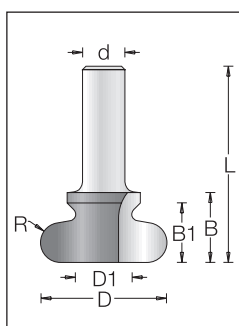


Ball Bearing
#191 007 0
12.7x4.76x5

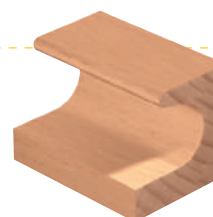
øD	R	Code No.	B	L	ød
20.7	4	1620043	8	47	6
22.7	5	1620053	10	49	6
24.7	6	1620063	12	51	6
32.7	10	1620109	20	75	12



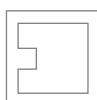
Finger Grip Bit



øD	D1	Code No.	B	B1	R	L	ød
19.1	10	1480195	19.1	14.3	4.8	54.5	8
	10	1480199	19.1	14.3	4.8	57.5	12
38.1	17	1480315	21.0	18.0	6.0	53.0	8
	17	1480319	21.0	18.0	6.0	59.0	12
45.0	17	1480379	21.0	17.2	4.8	59.0	12



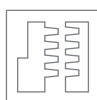
Router Bits



Grooving
& Sizing



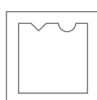
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

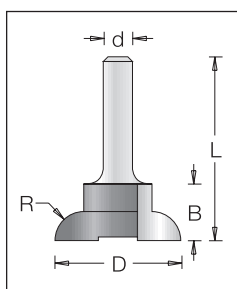


Carving

Router Bits

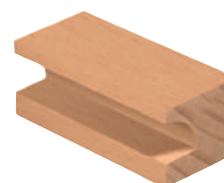
Profiling & Chamfering

Finger Grip Bit

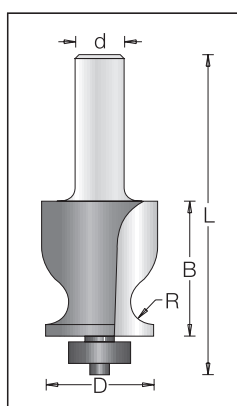


øD	R	Code No.	B	L	ød
28	6.35	1320103 ■	12.7	41	6

■ Available upon request



Flat Bull Nose Bead Bit

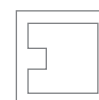
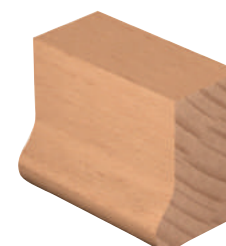


øD	R	Code No.	B	L	ød
30	6	1560449	35	84.5	12

Spare Parts:



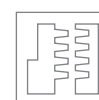
Ball Bearing
#191 010 0
16x5x5



Grooving
& Sizing

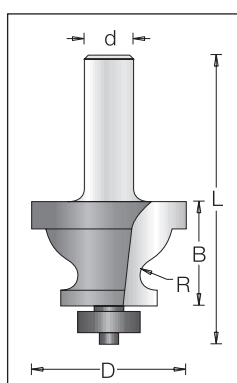


Profiling &
Chamfering



Jointing &
Rabbeting

Bull Nose Mould Bit



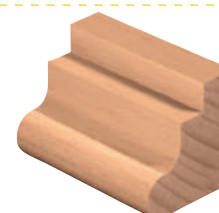
øD	R	Code No.	B	L	ød
40	4	1560539 ■	27	76	12

■ Available upon request

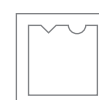
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



door Frame
& Panel



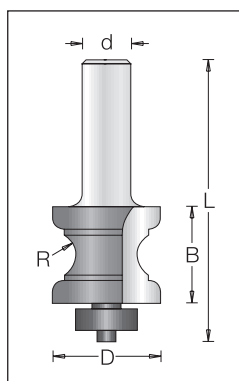
Carving

Router Bits

Router Bits

Profiling & Chamfering

Profile Edge Mould Bit

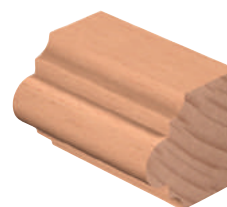
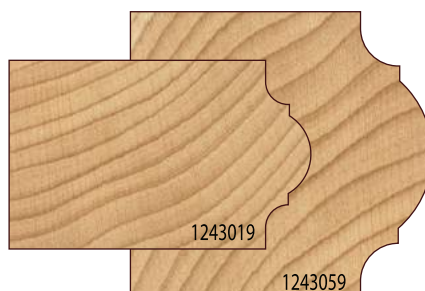


øD	R	Code No.	B	L	ød
28	6	1243019	25	74	12
32	8	1243049	30	79	12
35	13	1243059	40	89	12

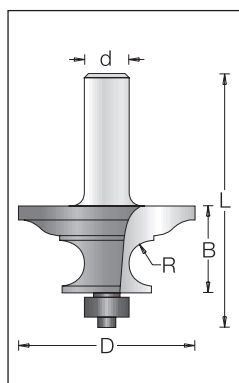
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Classic Corner Bead Bit

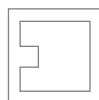
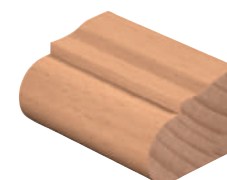
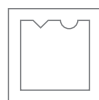


øD	R	Code No.	B	L	ød
50.8	6.5	1560409	25.4	75	12

Spare Parts:

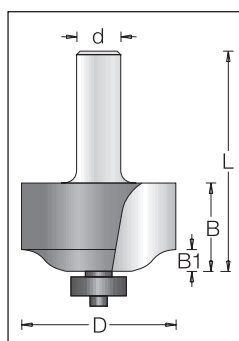


Ball Bearing
#191 007 0
12.7x4.76x5

Grooving
& SizingProfiling &
ChamferingJointing &
Rabbetingdoor Frame
& Panel

Carving

Frame Edge Profiling Bit

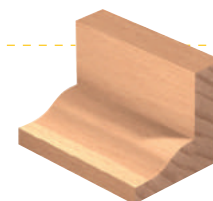


øD	Code No.	B	B1	L	ød
45	1563069	25.4	6.35	75	12

Spare Parts:



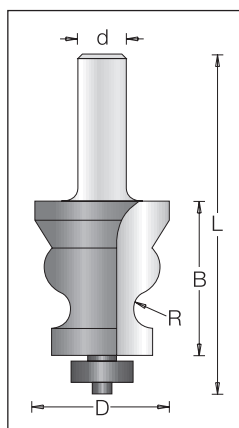
Ball Bearing
#191 006 0
15.9x4.7x5



Router Bits

Profiling & Chamfering

Plant Mould Bit

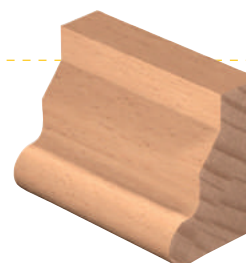


øD	R	Code No.	B	L	ød
35	5	1560479	38.1	87	12

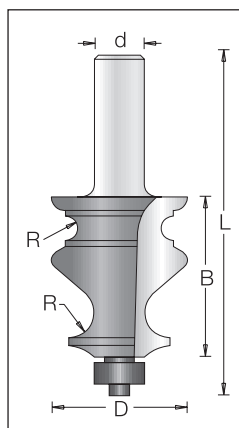
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Face Moulding Bit

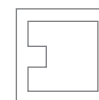
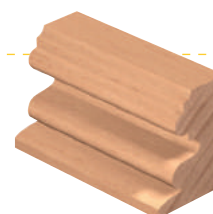


øD	R1	R2	Code No.	B	L	ød
34.7	6.5	3.2	1563019	41.5	90.5	12

Spare Parts:



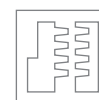
Ball Bearing
#191 007 0
12.7x4.76x5



Grooving
& Sizing



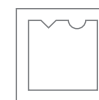
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel



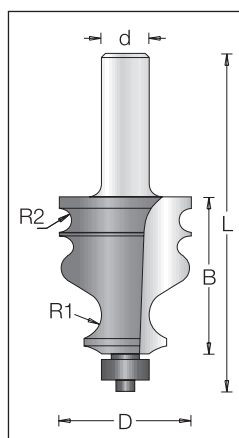
Carving

Router Bits

Router Bits

Profiling & Chamfering

Face Moulding Bit



øD	R1	R2	Code No.	B	L	ød
35	6.5	3.2	1563029	41.5	91	12

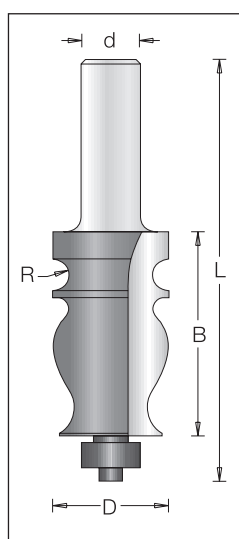
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.76x5



Face Moulding Bit

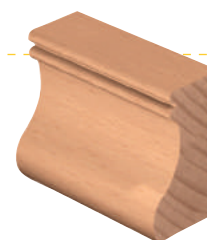


øD	R	Code No.	B	L	ød
25.4	3.5	1560219	45	94	12

Spare Parts:



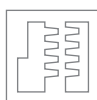
Ball Bearing
#191 007 0
12.7x4.76x5



Grooving
& Sizing



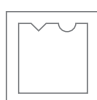
Profiling &
Chamfering



Jointing &
Rabbeting



door Frame
& Panel

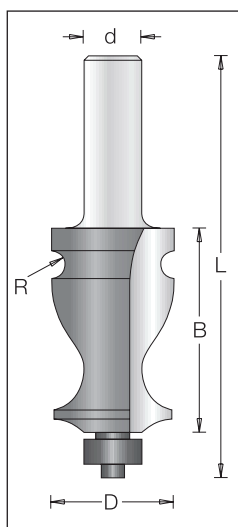


Carving

Router Bits

Profiling & Chamfering

Face Moulding Bit



øD	R	Code No.	B	L	ød
27	3	1560139	45	94	12

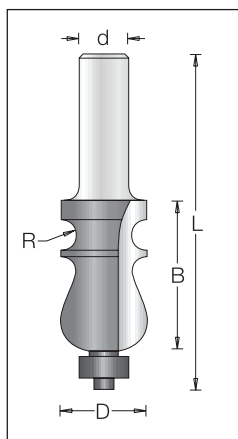
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.76x5



Face Moulding Bit

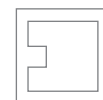
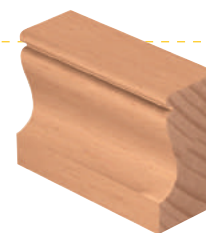


øD	R	Code No.	B	L	ød
22	4	1560079	38	87	12

Spare Parts:



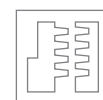
Ball Bearing
#191 007 0
12.7x4.76x5



Grooving
& Sizing



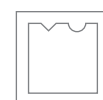
Profiling &
Chamfering



Jointing &
Rabbeting

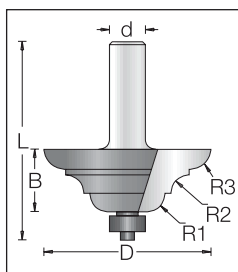


Door Frame
& Panel



Carving

Classical Elegant Mould Bit

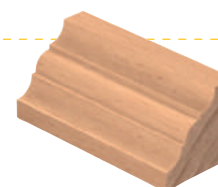


øD	R1	R2	R3	Code No.	B	L	ød
59	6.5	6.5	7.5	1650109	22	71	12

Spare Parts:



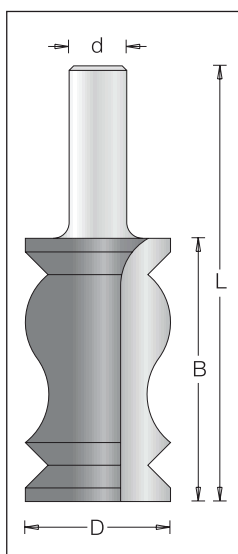
Ball Bearing
#191 007 0
12.7x4.76x5



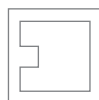
Router Bits

Profiling & Chamfering

Cornice Profiling Bit



øD	B	Code No.	L	ød
32	58	1560089	96	12



Grooving
& Sizing



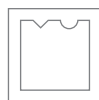
Profiling &
Chamfering



Jointing &
Rabbeting

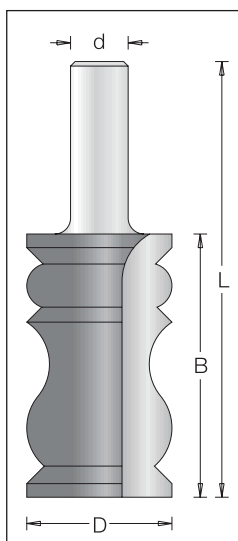


Door Frame
& Panel

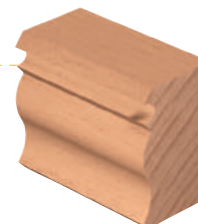


Carving

Cornice Profiling Bit



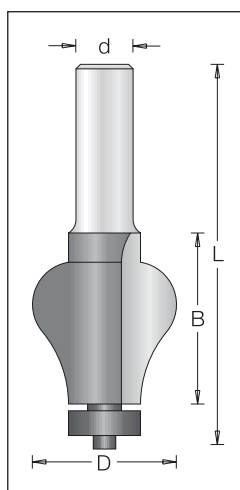
øD	B	Code No.	L	ød
31.4	58	1560039	96	12



Router Bits

Profiling & Chamfering

Handrail Bit



øD	B	Code No.	L	ød
32	38	1630119	87	12

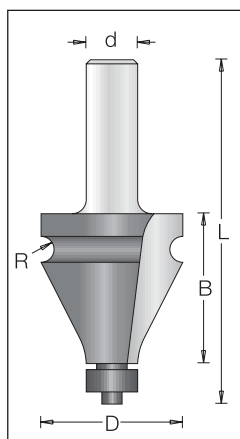
Spare Parts:



Ball Bearing
#191 010 0
5x16x5



Handrail Bit

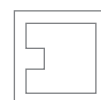
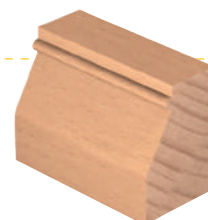


øD	R	B	Code No.	L	ød
35	3.2	37	1630049	86	12

Spare Parts:



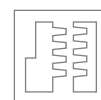
Ball Bearing
#191 007 0
12.7x4.76x5



Grooving
& Sizing

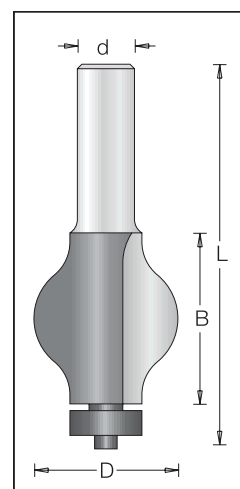


Profiling &
Chamfering



Jointing &
Rabbeting

Handrail Bit

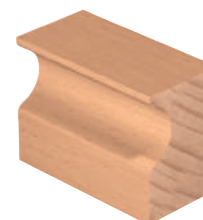


øD	B	Code No.	L	ød
32	38	1630129	87	12

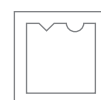
Spare Parts:



Ball Bearing
#191 010 0
16x5x5



Door Frame
& Panel



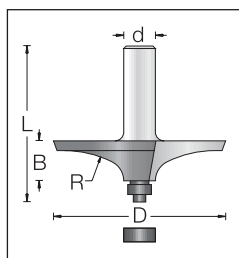
Carving

Router Bits

Router Bits

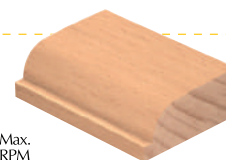
Door Frame & Panel

Thumbnail Bit



øD	R	B	Code No.	L	ød	n	
69.2	43	16	1092289	76	12	18,000	A
	43	16	1192289	74	12	18,000	B

Max.
RPM



Spare Parts:



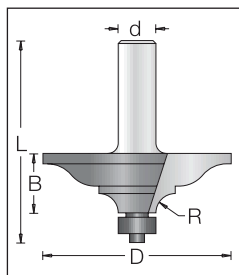
A. Ball Bearing
#191 007 0
12.7x4.76x5



B. Ball Bearing
#191 004 0
9.5x4.7x3



Classical Bit

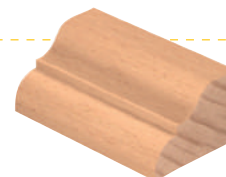


øD	R	B	Code No.	L	ød
63.5	6.5	20	1650079	79	12

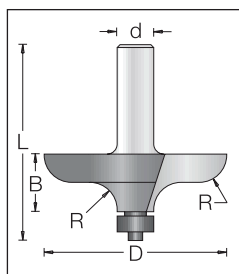
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.76x5



Traditional Bit

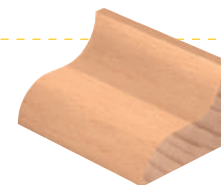


øD	R	B	Code No.	L	ød
63.5	9.5	20	1650049	79	12

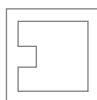
Spare Parts:



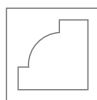
Ball Bearing
#191 007 0
12.7x4.76x5



Router Bits



Grooving
& Sizing



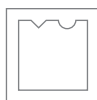
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

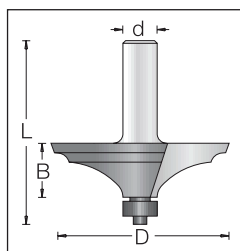


Carving

Router Bits

Door Frame & Panel

Classic Elegant Bit



øD	B	Code No.	L	ød	n	R1	R2
66	20	1650139	79	12	18,000	4.5	28

Max.
RPM

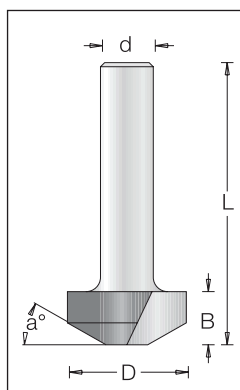
Spare Parts:



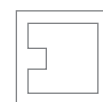
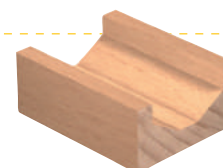
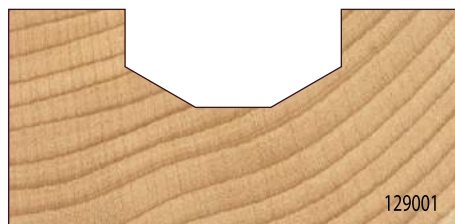
Ball Bearing
#191 007 0
12.7x4.76x5



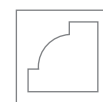
Raised Panel Bit



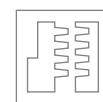
øD	a	B	Code No.	L	ød
28.6	30°	12.7	1290019	69	12



Grooving
& Sizing



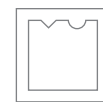
Profiling &
Chamfering



Jointing &
Rabbeting

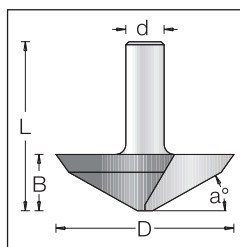


Door Frame
& Panel



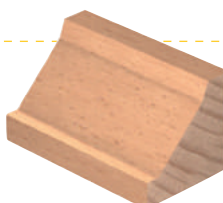
Carving

Raised Panel Bit



øD	a	B	Code No.	L	ød	n
67.7	25°	19.1	1291079	67	12	18,000

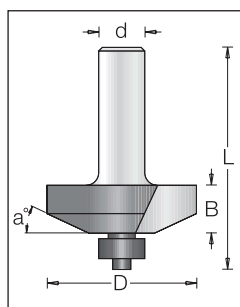
Max.
RPM



Router Bits

Door Frame & Panel

Raised Panel Bit

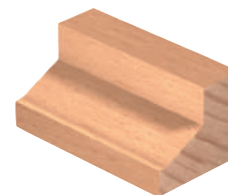


ØD	a	B	Code No.	L	Ød
41.3	25°	12.7	1230019	62	12

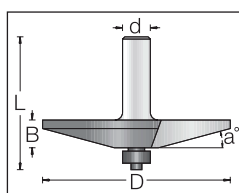
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.7x5



Raised Panel Bit



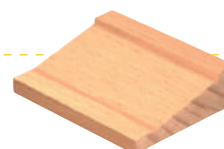
ØD	a	B	Code No.	L	Ød	n
85.8	15°	12.7	1221049	71	12	16,000

Max.
RPM

Spare Parts:

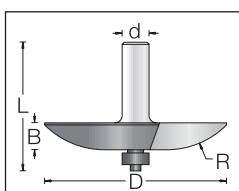


Ball Bearing
#191 007 0
12.7x4.7x5

Grooving
& SizingProfiling &
ChamferingJointing &
RabbetingDoor Frame
& Panel

Carving

Raised Panel Bit

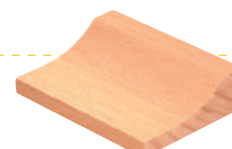


ØD	R	B	Code No.	L	Ød	n
85.8	40	12.7	1222079	71.5	12	16,000

Spare Parts:



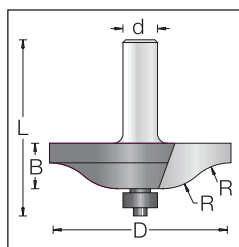
Ball Bearing
#191 007 0
12.7x4.7x5



Router Bits

Door Frame & Panel

Raised Panel Bit



øD	R	B	Code No.	L	ød	n
66.6	19	17.0	1220019	76.1	12	
85.7	22	15.9	1220129	75.0	12	16,000

Max.
RPM

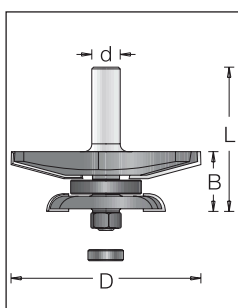
Spare Parts:



Ball Bearing
#191 007 0
12.7x4.76x5



Raised Panel Bit



	øD	α°	R	Code No.	B	L	ød	n
Complete	85.8			1229049 ■	27.5	83.4	12	12,000
Profile cutter	85.8	15		1225049	12.7	83.4	12	
Cutter	54.0		7.9	1225010	7.9			

■ Available upon request

Max.
RPM

Spare Parts



Ball Bearing
#191 024 0
16x8x5



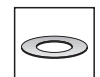
Ball Bearing
#191 971 0
31.7x8x6.2



Spacer
#192 018 0
1x12



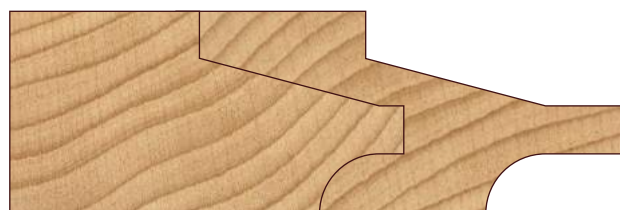
Spacer
#192 013 5
0.5x12



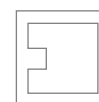
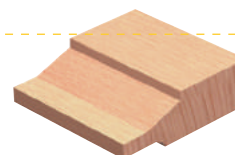
Spacer
#192 120 0
0.05x12



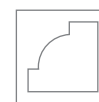
Spacer
#192 115 0
0.1x12



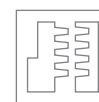
122904



Grooving
& Sizing



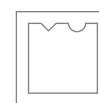
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

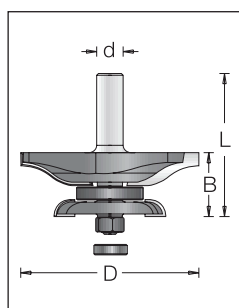


Carving

Router Bits

Door Frame & Panel

Raised Panel Bit



	øD	B	Code No.	L	ød	n
Complete	85.8	30.7	1229129 ■	87.1	12	12,000
Profile cutter	85.8	15.9	1225129	87.1	12	
Cutter	54.0	7.9	1225010			

■ Available upon request



Spare Parts:



Ball Bearing
#191 024 0
16x8x5



Ball Bearing
#191 971 0
31.7x8x6.2



Spacer
#192 018 0
1x12



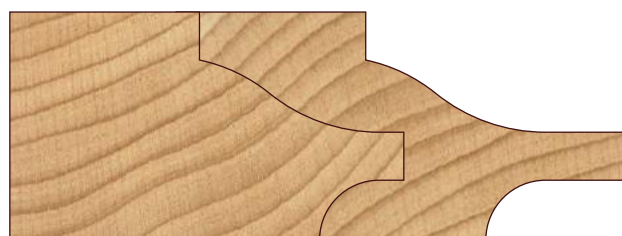
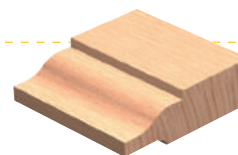
Spacer
#192 013 5
0.5x12



Spacer
#192 120 0
0.05x12

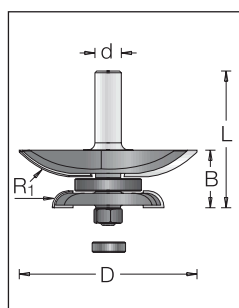


Spacer
#192 115 0
0.1x12



122912

Raised Panel Bit



	øD	R	R1	Code No.	B	L	ød	n
Complete	85.8			1229079 ■	27.5	83.4	12	12,000
Profile cutter	85.8	40		1225079	12.7	83.4	12	
Cutter	54.0		7.9	1225010	7.9			

■ Available upon request



Spare Parts:



Ball Bearing
#191 024 0
16x8x5



Ball Bearing
#191 971 0
31.7x8x6.2



Spacer
#192 018 0
1x12



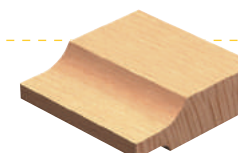
Spacer
#192 013 5
0.5x12



Spacer
#192 120 0
0.05x12



Spacer
#192 115 0
0.1x12



122907

Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

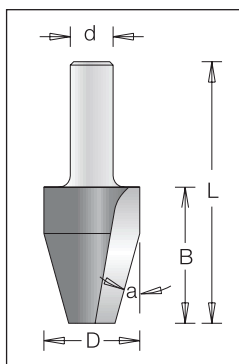


Carving

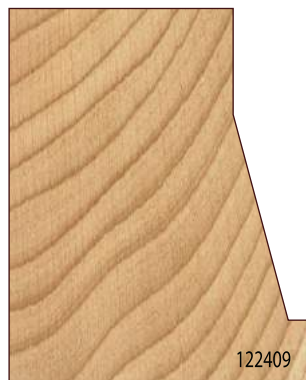
Router Bits

Door Frame & Panel

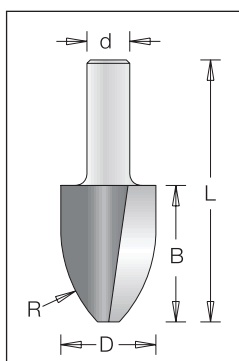
Vertical Paneling Bit



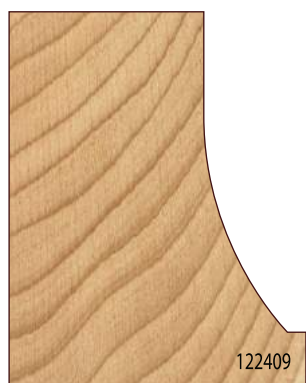
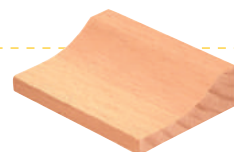
øD	B	Code No.	a°	L	ød
28.6	41.3	1224099	15	79.3	12



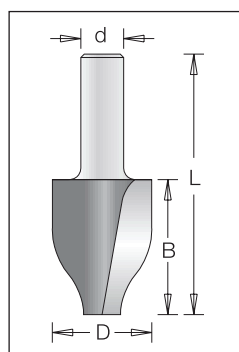
Vertical Paneling Bit



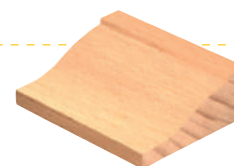
øD	B	Code No.	R	L	ød
28.6	41.3	1224079	40	79.3	12



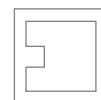
Vertical Paneling Bit



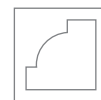
øD	B	Code No.	L	ød
30	41.3	1224089	79.3	12



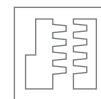
Router Bits



Grooving
& Sizing



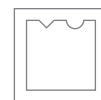
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

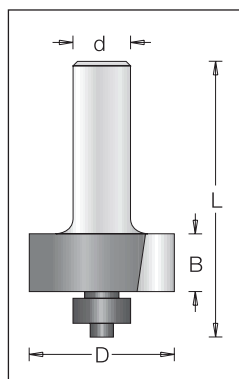


Carving

Router Bits

Door Frame & Panel

Rabbeting Bit



øD	B	Code No.	t	L	ød	
24.0	12.7	1140053	4.0	53.0	6	B
	12.7	1140013	9.5	51.5	6	A
31.8	12.7	1140015	9.5	55.0	8	A
	12.7	1140019	9.5	61.0	12	A
35.0	12.7	1140063	11.1	52.0	6	A
	12.7	1140065	11.1	55.0	8	A
	12.7	1140069	11.1	61.3	12	A

Spare Parts:



A.Ball Bearing
#191 007 0
12.7x4.76x5



B.Ball Bearing
#191 005 0
16x6.35x5



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting

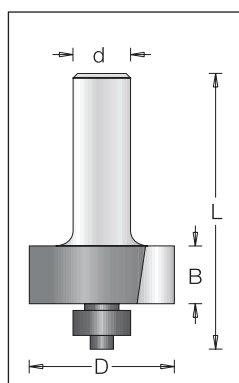


Door Frame
& Panel



Carving

Rabbeting Bit



øD	B	Code No.	L	ød
35	12.7	1144063	52.0	6
	12.7	1144065	55.0	8
	12.7	1144069	61.3	12

Spare Parts:



A.Ball Bearing
#191 004 0
9.5x4.7x3



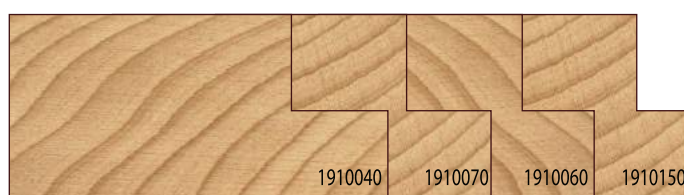
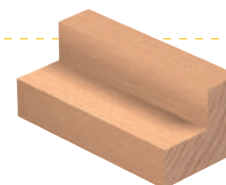
B.Ball Bearing
#191 007 0
12.7x4.7x5



C.Ball Bearing
#191 006 0
16x4.7x5



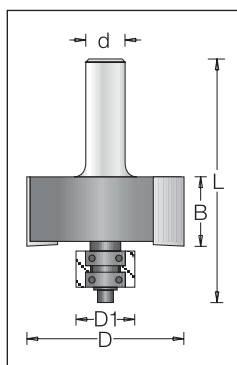
D.Ball Bearing
#191 015 0
19x4.7x5



Router Bits

Profiling & Chamfering

Super Rabbete



øD	B	Code No.	L	ød	t
50.8	22.5	1146109	78	12	15.9



Spare Parts:



Ball Bearing
#191 003 0
6.3x12.7x4.7



Washer
#195 001 0
3.25x7.5x1.0



Spacer
#192 027 0
6.5x9.5x2.2



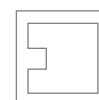
Allen screw
#193 004 0
NC 5-1/2



Allen key
1940010
3/32

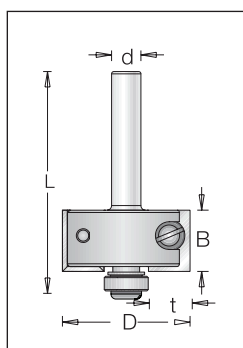


Router Bits

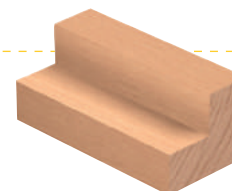


Grooving
& Sizing

Rabbeting Bit



øD	B	Code No.	t	L	ød
28.6	13.25	E1143205	9.5	51.7	8



Spare Parts:



T.C. Blade
#310 151 3
13.25x9x1.5



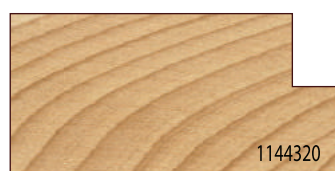
Ball Bearing
#191 004 0
9.5x4.7x3



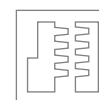
screw
#193 035 5
M3x4



screw
#193 035 6
M3x8



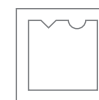
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

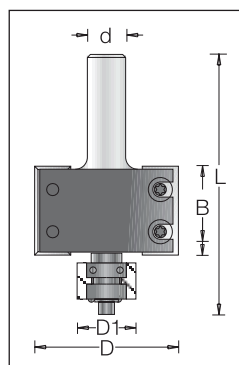


Carving

Router Bits

Profiling & Chamfering

Super Rabbete



øD	B	Code No.	L	ød	t
38.1	12	1143019*	66	12	12
50.8	29.5	1143109	84	12	15.9



Spare Parts:



T.C. Blade
#310 121 2
12x12x1.5



Ball Bearing
#191 003 0
6.3x12.7x4.7



Washer
#195 001 0
3.25x7.5x1.0



Spacer
#192 027 0
6.5x9.5x2.2



Allen screw
#193 004 0
NC 5-1/2



Allen screw
#193 148 2
M4-0.7



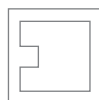
Allen key
1940010
3/32



Allen key
1941015
T15



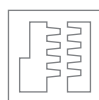
T.C. Blade
#310 723 0
12x29.5x1.5



Grooving
& Sizing



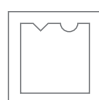
Profiling &
Chamfering



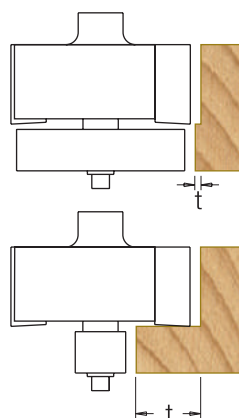
Jointing &
Rabbeting



Door Frame
& Panel



Carving



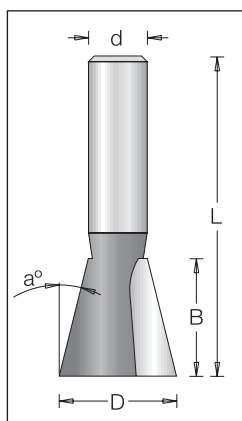
øD1	Code No.	t
47.6	1929900	1.6
44.4	1929890	3.2
41.3	1929880	4.7
38.9	1929950	5.9
38.1	1929870	6.3
34.9	1929860	7.9
32.5	1929940	9.1
31.7	1929850	9.5
28.6	1929840	11.1
27.0	1929930	11.9
25.4	1929830	12.7
22.2	1929820	14.3
20.6	1929920	15.1
19.0	1929810	15.9
15.9	1929800	17.4
14.3	1929910	18.2

14.3	22.2	31.7	38.9
15.9	25.4	32.5	41.3
19.0	27.0	34.9	44.4
20.6	28.6	38.1	47.6

Router Bits

Profiling & Chamfering

Dovetail Bit

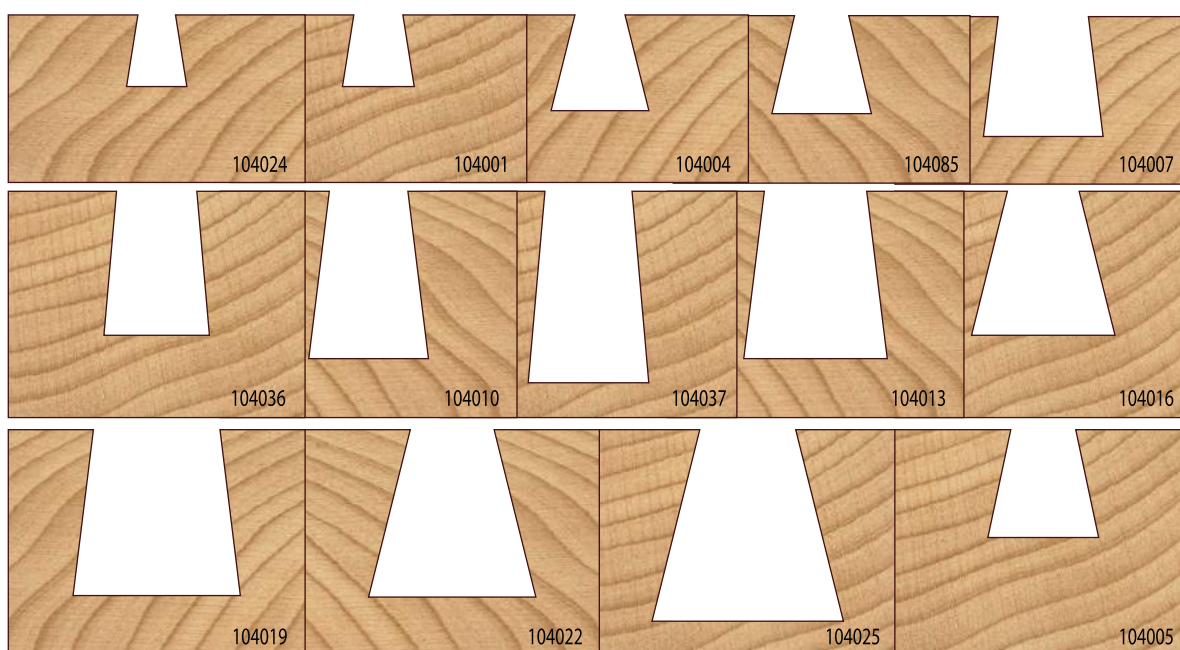


øD	a	B	Code No.	L	ød
8.0	9°	9.5	1040243*	63.5	6
9.5	9°	9.5	1040013	42.0	6
	9°	9.5	1040015	47.0	8
12.7	14°	12.7	1040043	44.5	6
	14°	12.7	1040045	49.0	8
13.2	13°	13.0	1040853	55.5	6
15.9	7°	15.9	1040073 ■	44.5	6
9.5	9°	9.5	1040019	54.0	12
12.7	14°	12.7	1040049	60.0	12
14.0	5°	19.1	1040369	64.0	12
15.9	7°	22.2	1040109	65.0	12
	5°	25.4	1040379	68.0	12
19.1	7°	22.2	1040139	65.0	12
	14°	19.1	1040169	65.0	12
22.2	7°	22.2	1040199	60.0	12
	14°	22.2	1040229	67.0	12
25.4	14°	25.4	1040259	69.5	12
14.7	12°	14.3	1040053	58.0	6
	12°	14.3	1040055	61.0	8

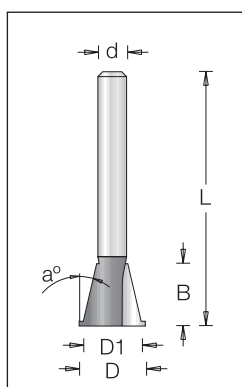
■ Available upon request



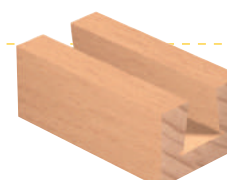
* Solid Carbide



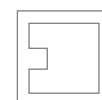
Spurs Dovetail Bit



øD	øD1	a	Code No.	B	L	ød
14.3	12.7	13°	1040863	13.5	55	6
	12.7	13°	1040865	13.5	58	8



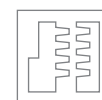
Router Bits



Grooving
& Sizing



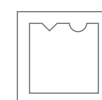
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

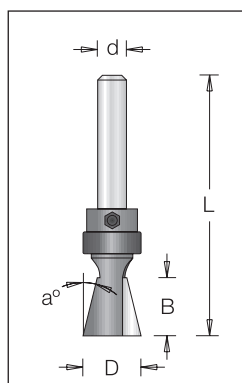


Carving

Router Bits

Jointing & Rebating

Dovetail Bit



øD	a	B	Code No.	L	ød	
12.7	14°	12.7	1042043	56	6	A
14.6	12°	14.0	1042053	60	6	A
8.7	7°	9.5	1042513	58	6	B

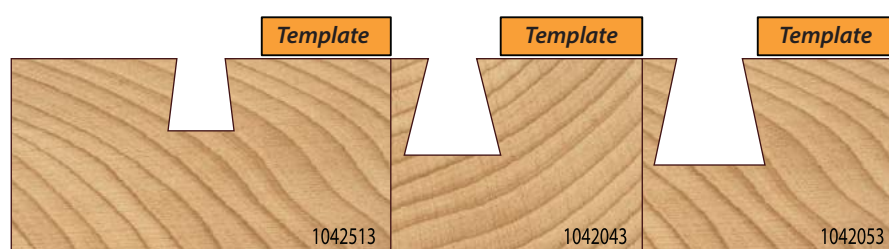
Spare Parts:



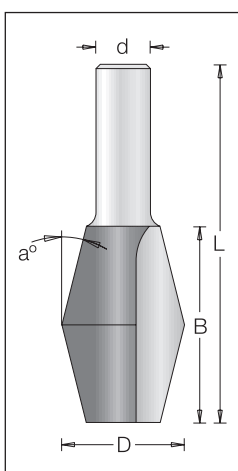
A. Ball Bearing
#191 007 0
12.7x4.76x5



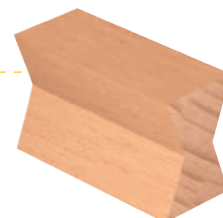
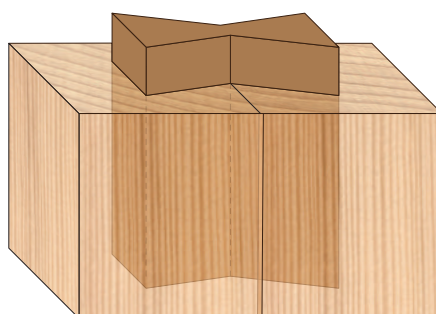
B. Ball Bearing
#191 005 0
16x6.3x5



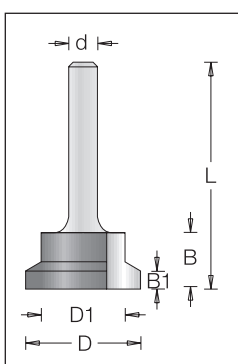
Butterfly Spline Bit



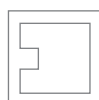
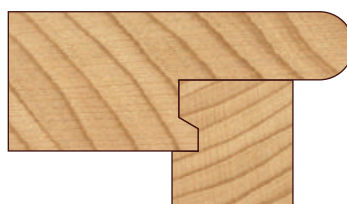
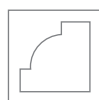
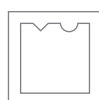
øD	a	B	Code No.	L	ød
28	14°	46	1670019	84	12



Locking Drawer Glue Joint



øD	øD1	Code No.	B	B1	L	ød
19.1	12.2	1490013	12.7	4	49	6
25.4	18.5	1490039	12.7	4	49	12

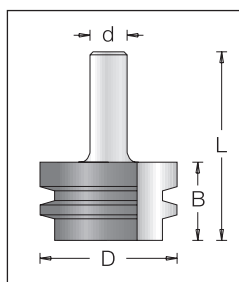
Grooving
& SizingProfiling &
ChamferingJointing &
RabbetingDoor Frame
& Panel

Carving

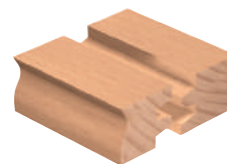
Router Bits

Jointing & Rebating

Glue Joint Bit

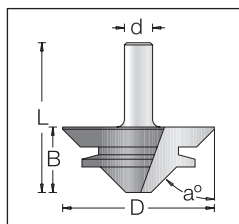


øD	B	Code No.	L	ød
47	28	1490139	66	12



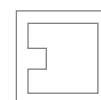
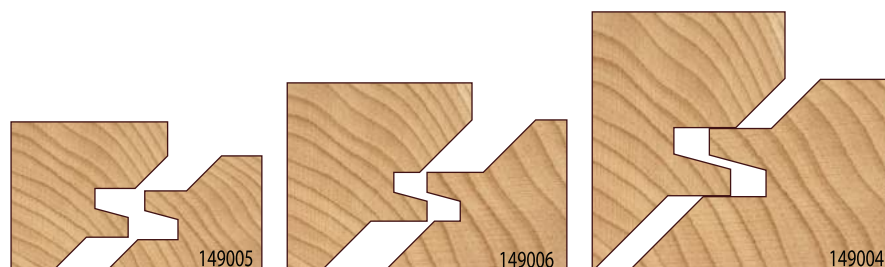
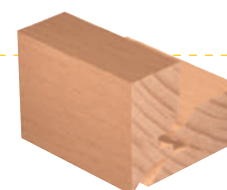
149013

45° Lock Mitre Joint Bit

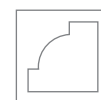


øD	a	B	Code No.	L	ød	n
41.7	45°	16.0	1490053	44.6	6	
44.5	45°	20.0	1490069	58.0	12	
67.0	45°	29.5	1490049	77.5	12	18,000

Max.
RPM

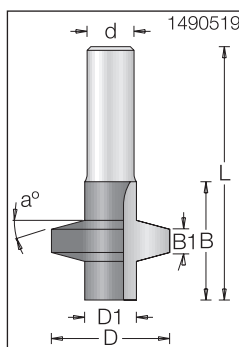


Grooving
& Sizing

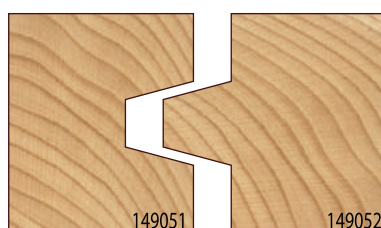
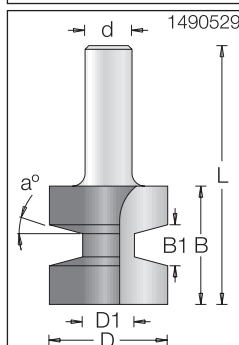
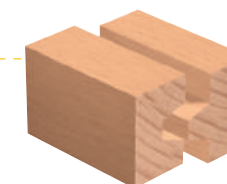


Profiling &
Chamfering

Wedge & Tongue Bit



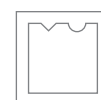
øD	øD1	Code No.	a	B	B1	L	ød
32.0	14	1490519	15°	32	6.5	70	12
31.5	14	1490529	15°	32	11.1	70	12



Jointing &
Rabbeting



Door Frame
& Panel

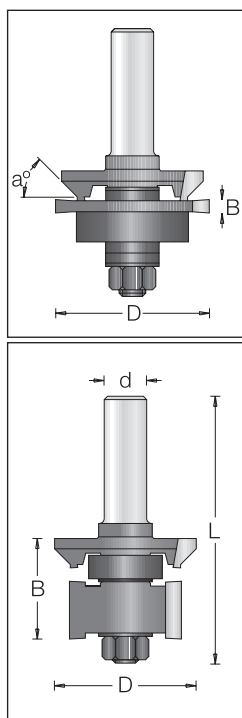


Carving

Router Bits

Jointing & Rebating

Tongue & Groove Bevel Set



	øD	a	B	Code No.	L	ød
Complete	42.5	45°	30.5	1681009	80	12
Profile Cutter	42.5	45°	9.0	1681010		
Rebating Cutter	33.5		17.5	1680010		
Groover	46.0		4.0	1421040		

Spare Parts:



Arbor & Nut
#190 005 9
L=80



Ball Bearing
#191 013 0
8x22x7



Ball Bearing
#191 945 0
8x33.5x8.6



Washer
#192 011 0
1X16



Spacer
#192 015 0
3X16



Spacer
#192 013 0
0.5X16



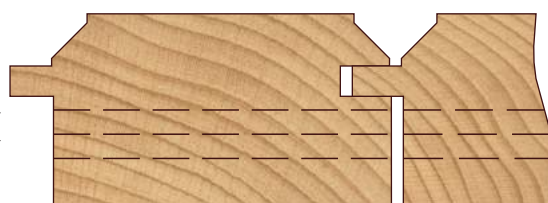
Spacer
#192 012 0
0.4X16



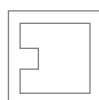
Spacer
#192 100 0
0.1X16



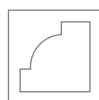
Spacer
#192 050 0
0.05X16



168100



Grooving
& Sizing



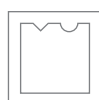
Profiling &
Chamfering



Jointing &
Rabbeting

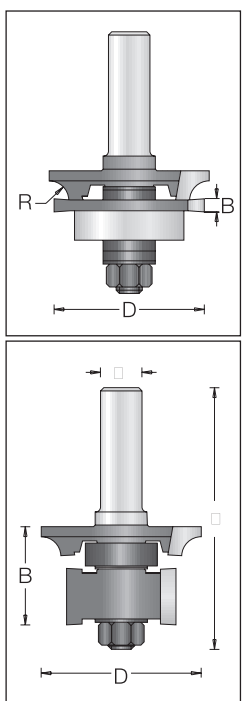


Door Frame
& Panel



Carving

Tongue & Groove Round Set



	øD	R	Code No.	B	L	ød
Complete	49.0	6	1682009 ■	30.5	80	12
Profile Cutter	49.0	6	1682010	9.0		
Rebating Cutter	33.5		1680010	17.5		
Groover	46.0		1421040	4.0		

■ Available upon request

Spare Parts:



Arbor & Nut
#190 005 9
L=80



Ball Bearing
#191 013 0
8x22x7



Ball Bearing
#191 945 0
8x33.5x8.6



Washer
#192 011 0
1x16



Spacer
#192 015 0
3x16



Spacer
#192 100 0
0.1x16



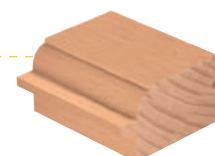
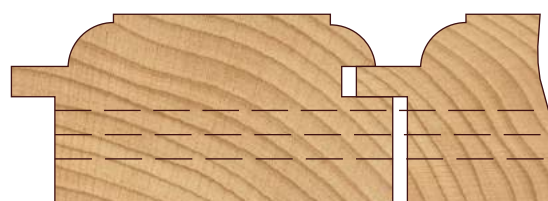
Spacer
#192 050 0
0.05x16



Spacer
#192 013 0
0.5x16



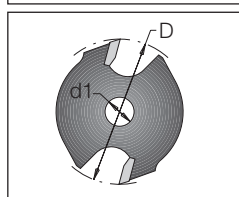
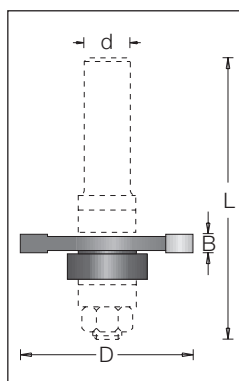
Spacer
#192 012 0
0.4x16



Router Bits

Jointing & Rebating

Slotting Cutter



Spare Parts:



Arbor & Nut
#190 010 3
L=55



Arbor & Nut
#190 010 5
L=58



Arbor & Nut
#190 010 9
L=64



Arbor & Nut *
#190 020 3
L=52



Arbor & Nut *
#190 020 5
L=57



Ball Bearing
#191 005 0
16x6.3x5



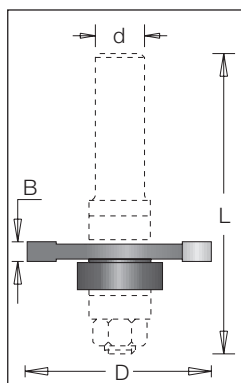
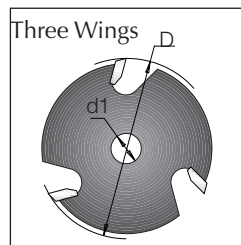
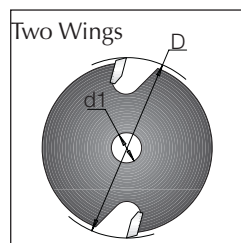
Ball Bearing *
#191 012 0
19x6x6

øD	ød	B	Code No.
40	6.35	1.5	1083010
	6.35	2.0	1083020
	6.35	2.5	1083030
	6.35	3.0	1083040
	6.35	4.0	1083050
	6.35	5.0	1083060
	6.35	6.0	1083070
40	6.0	1.5	1082010*
	6.0	2.0	1082020*
	6.0	2.5	1082030*
	6.0	3.0	1082040*
	6.0	4.0	1082050*
	6.0	5.0	1082060*
	6.0	6.0	1082070*



The Code No. refers to slotting cutters only. If you wish to order slotting cutters assembled on the arbor, change the last digit of the catalogue number according to the following arbor shaft sizes: 3=6.0mm, 4=1/4", 5=8.0mm, 8=1/2", 9=12mm.

Slotting Cutter



øD	ød	B	Code No.
47.6	7.94	3	1080600
	7.94	4	1080630
	7.94	5	1080670
	7.94	6	1080700

øD	ød	B	Code No.
47.6	7.94	1.5	1080730
	7.94	2.0	1080760
	7.94	2.5	1080790
	7.94	3.0	1080820
	7.94	4.0	1080850
	7.94	5	1080880
	7.94	6	1080910



The Code No. refers to slotting cutters only. If you wish to order slotting cutters assembled on the arbor, change the last digit of the catalogue number according to the following arbor shaft sizes: 3=6.0mm, 4=1/4", 5=8.0mm, 8=1/2".

Spare Parts:



Arbor & Nut
#190 004 3
L=67



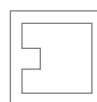
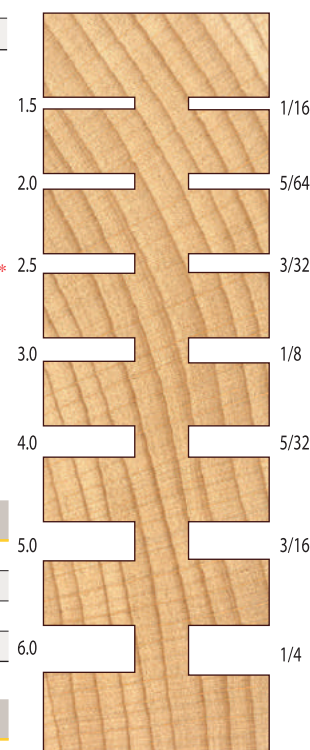
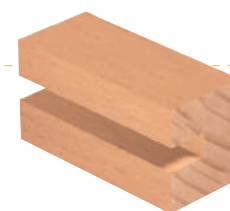
Arbor & Nut
#190 004 5
L=70



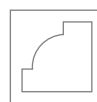
Arbor & Nut
#190 004 9
L=76



Ball Bearing
#191 013 0
22x8x7



Grooving
& Sizing



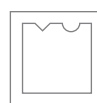
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel



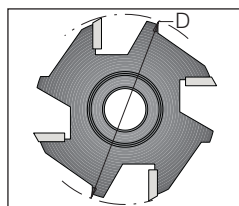
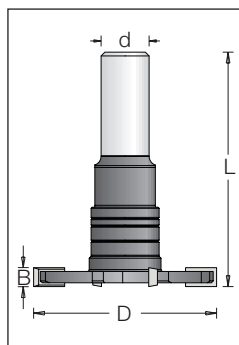
Carving

Router Bits

Router Bits

Jointing & Rebating

Slotting Cutter (Flat Installation)



øD	Set No.	B	Z	L	ød	Cutter Code No.
40	1086109	10.0	2	61	12	1086100
50	1086519 ■	2.5	4	61	12	1086510
	1086529	3.0	4	61	12	1086520
	1086539	4.0	4	61	12	1086530
	1086559	6.0	4	61	12	1086550

■ Available upon request

Spare Parts:



Arbor
#190 063 9
L=61xM12



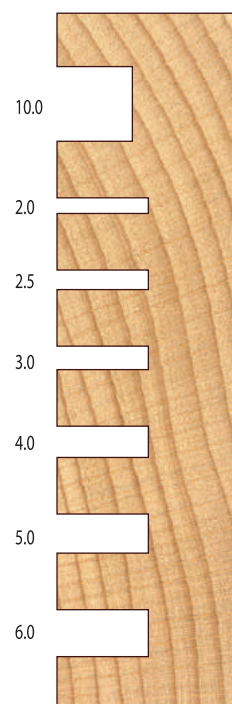
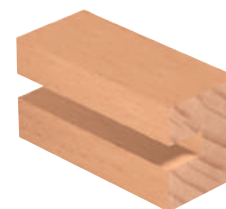
Washer
#192 134 0
18x12x4



Washer
#192 132 0
18x12x2



Washer
#192 133 0
18x12x3



1086



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

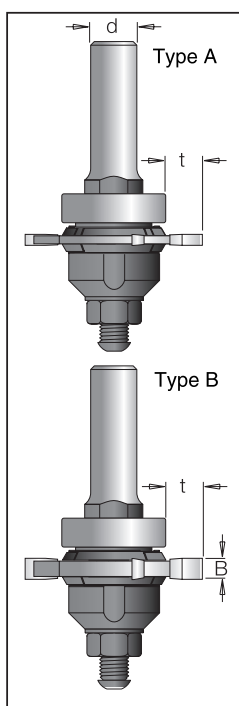


Carving



Adjustable Slotting System

PATENTED



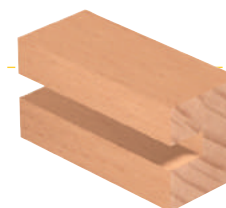
Type	D	B	Code No.	L	t	d
A	50	3.0-5.5	1084605	78.5	10.7	8
B	50	5.5-10.0	1084659 ■	88.9	10.7	12
B	50	5.5-10.0	1084655	82.8	10.7	8

■ Available upon request

PAT. PEND. No. 149909I

- Easy and simple adjustment.
- Continuous width adjustment.
- Shorter setup time.
- Laser etched scale of 0.05mm.

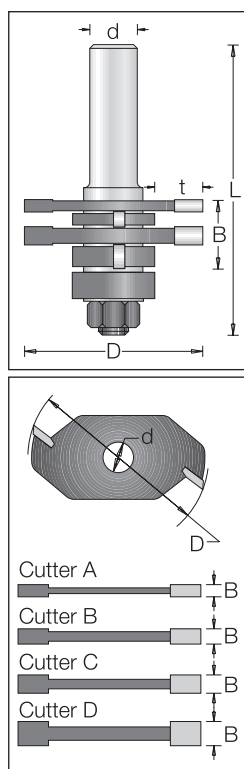
PAT. PEND. No. 149909IL



Router Bits

Jointing & Rebating

Quadriset - Slotting Cutter



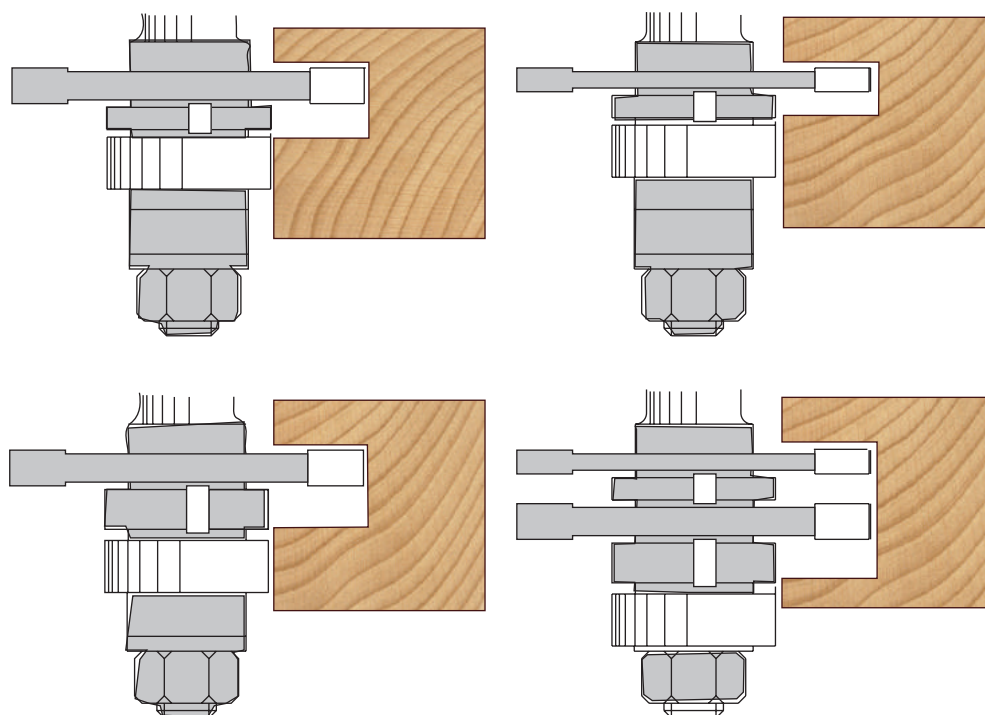
	øD	B	Code No.	t	L	ød
Complete	47.6	5.7-18.0	1084009	12.8	76.2	12.0
Cutter A	47.6	3.2	1080100			7.94
Cutter B	47.6	4.0	1080130			7.94
Cutter C	47.6	4.8	1080160			7.94
Cutter D	47.6	6.3	1080190			7.94

⚠ Recommended combination for varying cutting width. If intermediate cutting widths are required, shims are added or removed accordingly.

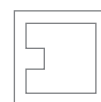
Spare Parts:

		
Arbor & Nut #190 006 9 L=76	Ball Bearing #191 013 0 22x8x7	Washer #192 011 0 1x15
		
Spacer #192 016 0 6x16	Spacer #192 013 0 0.5x16	Spacer #192 100 0 0.1x16

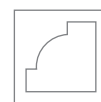
Width mm	5.7	6	7	8	9	10	11	12	13	14	15	16	17	18
Cutter	A	A	A	A	C	C	C	B	B	A	A	A	A	A
Shims		0.3	1	0.7	0.4	1.4	2.4	0.4	4	1	0.4	1.4	1.4	1.5
Cutter	B	B	C	D	D	D	D	C	C	B	B	B	B	B
Shims								1	1.4	0.3	1.3	1.3	1.3	1.8
Cutter								D	D	C	C	C	C	C
Shims										1	1	1	2	2.5
Cutter										D	D	D	D	D



Router Bits



Grooving
& Sizing



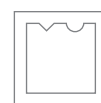
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

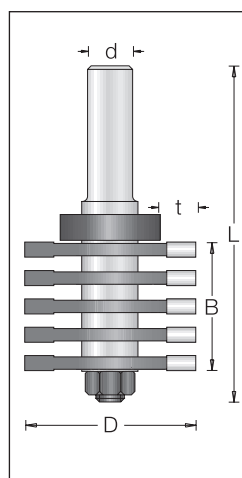


Carving

Router Bits

Jointing & Rebating

Combi Joint Set



øD	Code No.	B	t	L	ød
47.6	Complete 1089019	36	9.3	96	12
47.6	Cutters 1080850	4.0			

Spare Parts:



Delrin Set
#191 950 0
8x28x8.5



Delrin Set
#191 951 0
8x29x8.5



Delrin Set
#191 952 0
8x34x8.5



Arbor & Nut
#190 009 9
L=96



Washer
#192 011 0
8x15.9x1



Spacer
#192 029 0
5.3x16



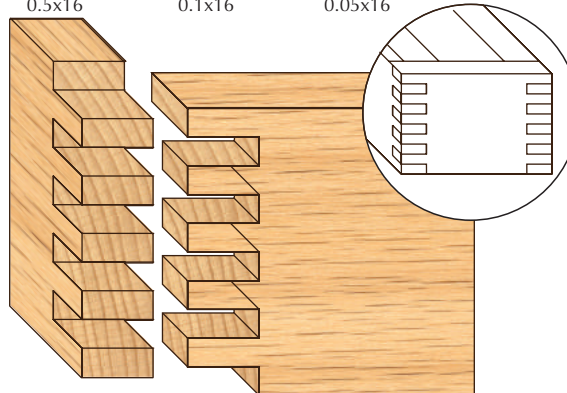
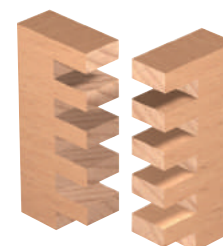
Spacer
#192 013 0
0.5x16



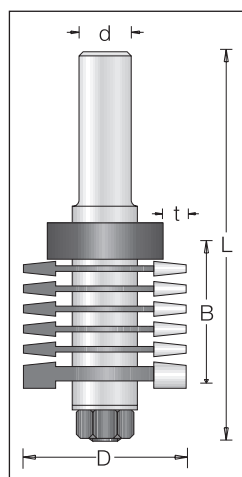
Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



Two Wings Finger Jointer Set



	øD	B	Code No.	t	L	ød
Complete	39.5	33	1089009	5.75	96	12
Cutter A (x5)	39.5	1.85	1089030			
Cutter B (x1)	39.1	5.5	1089200			

Spare Parts:



Arbor & Nut
#190 040 9
L=96



Ball Bearing
#191 016 0
8x28x7



Washer
#192 011 0
8x16x1.0



Spacer
#192 016 0
6x16



Spacer
#192 020 0
3.4x16



Spacer
#192 011 0
1x16



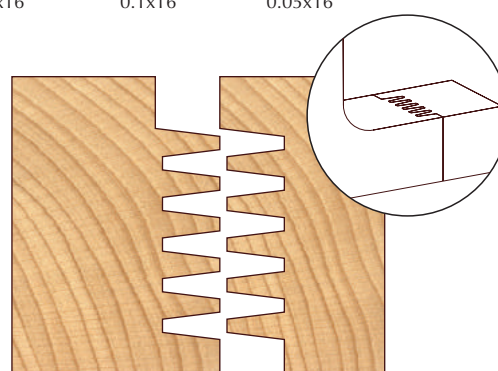
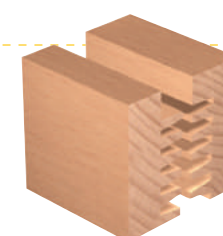
Spacer
#192 013 0
0.5x16



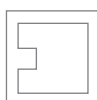
Spacer
#192 100 0
0.1x16



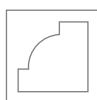
Spacer
#192 050 0
0.05x16



Router Bits



Grooving
& Sizing



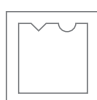
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

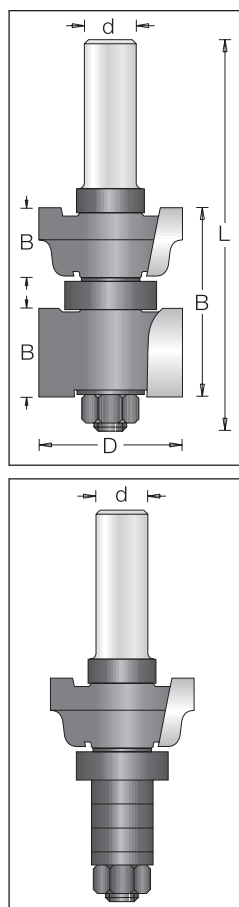


Carving

Router Bits

Door Frame & Panel

Lambs Tongue Sash Bar Set



øD		Code No.	B	L	ød	n
35	Complete	1330209	47	96	12	16,000
35	Profile Cutter	1332010	17			
35	Rebating Cutter	1332040	22			

Max.
RPM

Spare Parts:



Arbor & Nut
#190 009 9
L=96



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
8x16x1.0



Spacer
#192 016 0
6x16



Spacer
#192 015 0
3x16



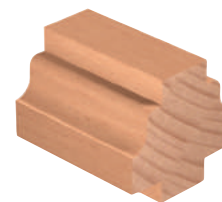
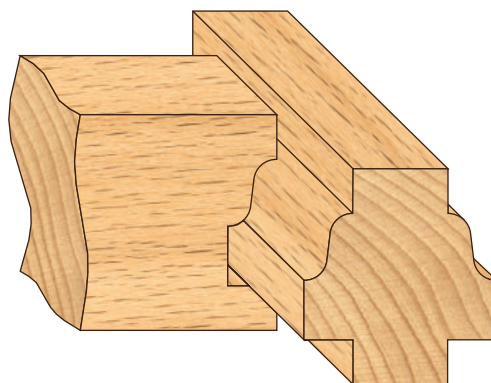
Spacer
#192 013 0
0.5x16



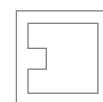
Spacer
#192 100 0
0.1x16



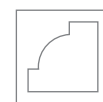
Spacer
#192 050 0
0.05x16



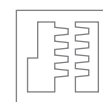
Router Bits



Grooving
& Sizing

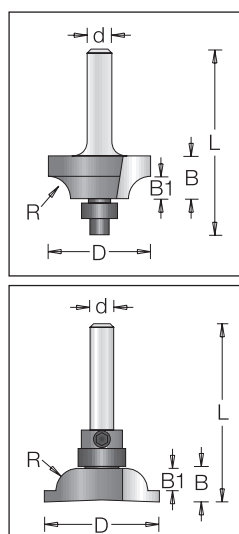


Profiling &
Chamfering



Jointing &
Rabbeting

Set of Stile & Rail Bit



øD	Code No.	B	B1	R	L	ød	
Set No. 1490753							
27.5	1490733	11.5	6	6	50	6	A
30.7	1492743	9.0	6	6	47	6	B

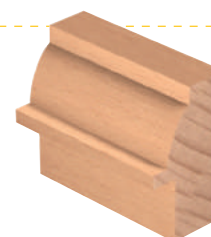
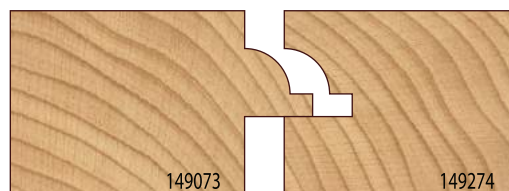
Spare Parts:



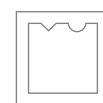
A. Ball Bearing
#1910010
9.5x3x4



B. Ball Bearing
#1910030
12.7x6.3x4.7



Door Frame
& Panel

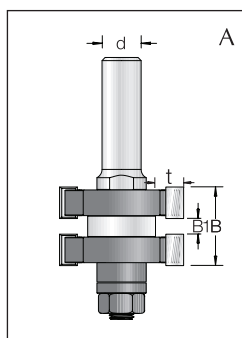


Carving

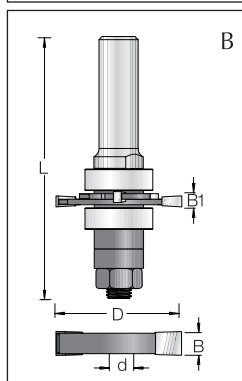
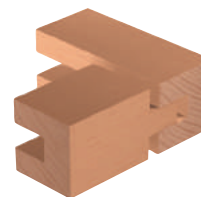
Router Bits

Door Frame & Panel

Tongue & Groove Classic Set



	øD	B	Code No.	t	L	ød
Complete			1450179	9.5		12
Cutter A				9.5		
Groover	41	10.2	1430140			
Groover	41	10.2	1430140			
Cutter B				9.5		
Groover	41	3.5	1430120			
Groover	41	3.5	1430120L			
Groover	41	7.35	1430130			



Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



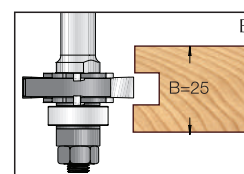
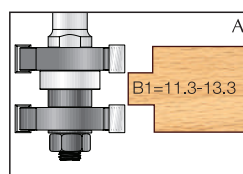
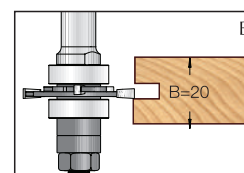
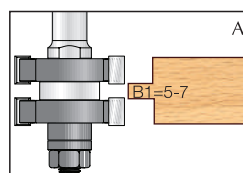
Washer
#192 025 0
3.6x16



Spacer
#192 035 0
6.35x16



Spacer
#192 011 0
1x16



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting

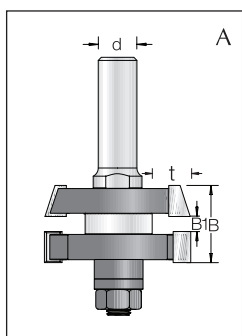


Door Frame
& Panel

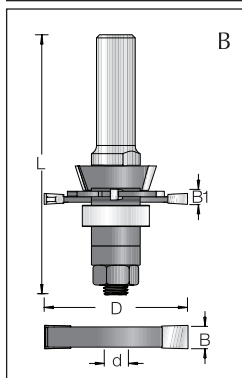
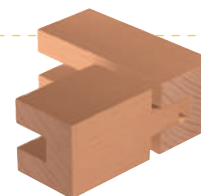


Carving

Tongue & Groove Classic Set



	øD	B	Code No.	t	L	ød
Complete			1450339	12.7		12
Cutter A				12.7		
Profile Cutter	47.4	10.2	1430160			
Groover	47.4	10.2	1430220			
Cutter B				12.7		
Profile Cutter	26.75	8.0	1430150			
Groover	47.4	3.5	1430230			
Groover	47.4	3.5	1430230L			
Groover	47.4	7.35	1430340			



Spare Parts:



Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



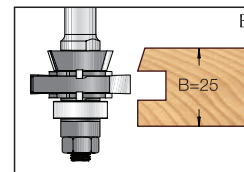
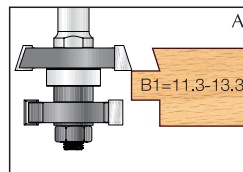
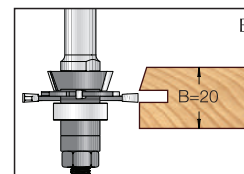
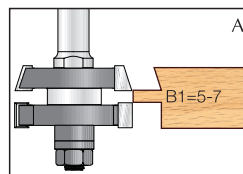
Washer
#192 020 0
3.4x16



Spacer
#192 035 0
6.35x16



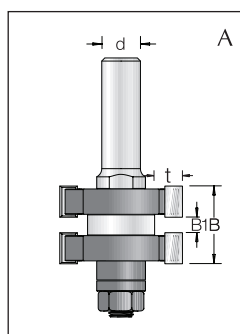
Spacer
#192 011 0
1x16



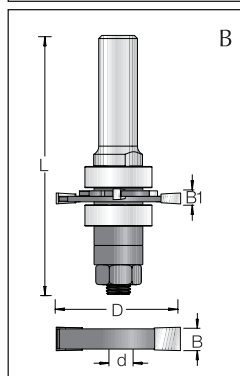
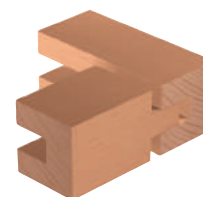
Router Bits

Door Frame & Panel

Tongue & Groove Classic Set



	øD	B	Code No.	t	L	ød
Complete			1450229	12.7		12
Cutter A				12.7		
Groover	47.4	10.2	1430220			
Groover	47.4	10.2	1430220			
Cutter B				12.7		
Groover	47.4	3.5	1430230			
Groover	47.4	3.5	1430230L			
Groover	47.4	7.35	1430340			



Spare Parts:



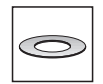
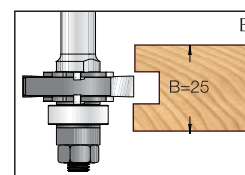
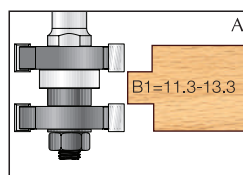
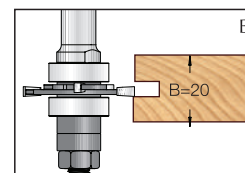
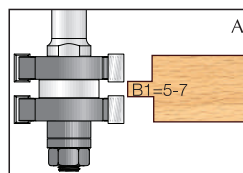
Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



Washer
#192 025 0
3.6x16

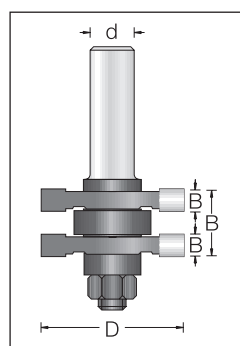


Spacer
#192 035 0
6.35x16

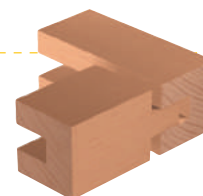


Spacer
#192 011 0
1x16

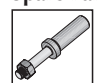
Tongue & Groove Cutter Set



	øD	Code No.	B	t	L	ød
Complete		1434015	19.0	9.5	70	8
41 Components		1434019*	19.0		76	12
Groover (x2)		1431040	6.35			



Spare Parts:



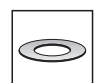
Arbor & Nut
#190 004 5
L=70



Arbor & Nut*
#190 004 9
L=76.2



Ball Bearing
#191 013 0
8x22x7



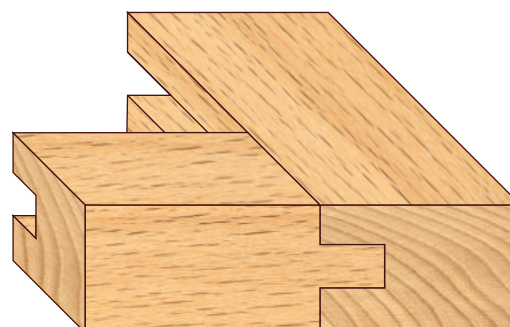
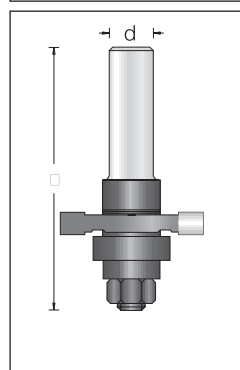
Spacer
#192 016 0
6x16



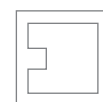
Spacer
#192 011 0
1x16



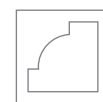
Spacer
#192 100 0
0.05x16



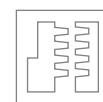
Router Bits



Grooving
& Sizing



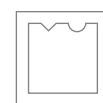
Profiling &
Chamfering



Jointing &
Rabbeting

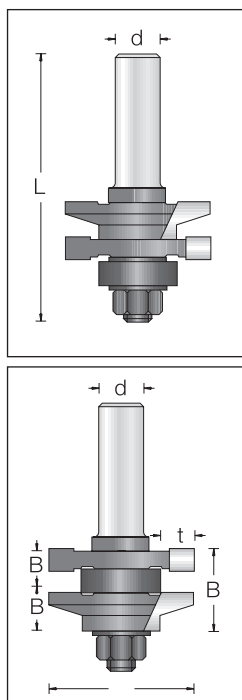


Door Frame
& Panel



Carving

Tongue & Groove - Raised Panel Set



	øD	Code No.	B	L	ød
41	Complete	1433015	22	70	8
		1433019*	22	76	12
	Profile Groover	1431210	11		
	Groove	1431040	6.3		

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut *
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



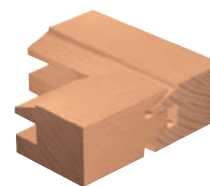
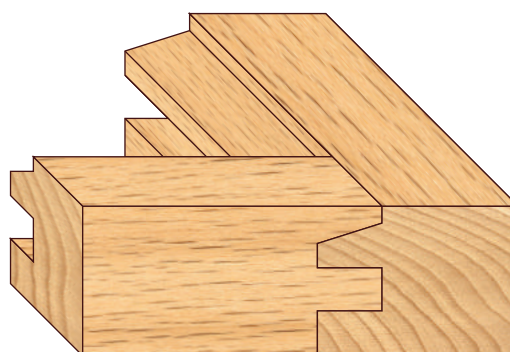
Washer
#192 011 0
1x16



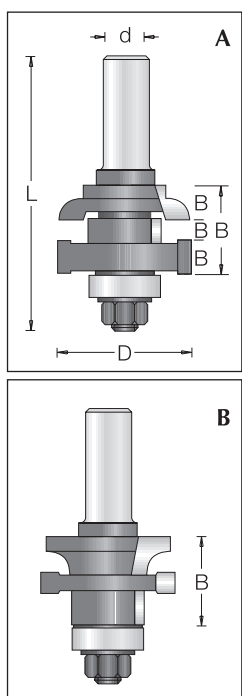
Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450039		12
Cutter A					
Profile Cutter	40.0	10.7	1450230		
Groover	22.5	7.3	1450120		
Groover	41.0	10.2	1431060		
Cutter B					
Profile Cutter	38.0	11.6	1450130		
Groover	41.0	6.3	1431140		
Groover	22.0	11.0	1450220		

Spare Parts:



Arbor & Nut
#190 013 9
L=84



Ball Bearing
#191 013 0
8x22x7



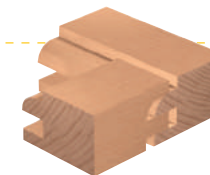
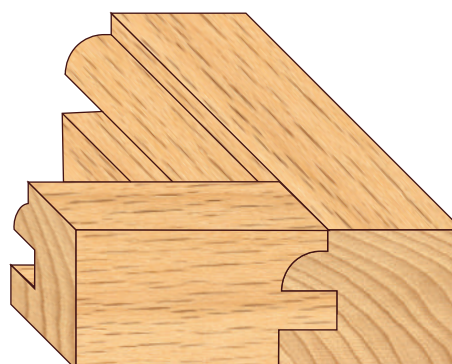
Washer
#192 011 0
1x16



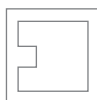
Spacer
#192 100 0
0.1x16



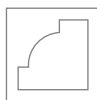
Spacer
#192 050 0
0.05x16



Router Bits



Grooving
& Sizing



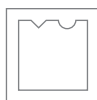
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

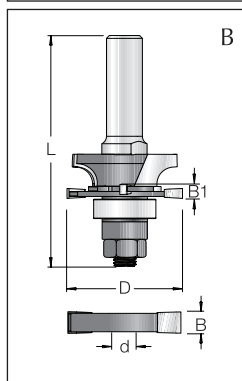
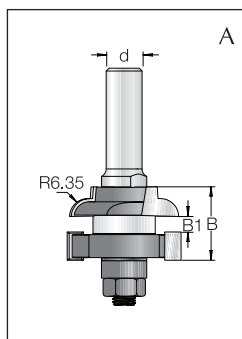


Carving

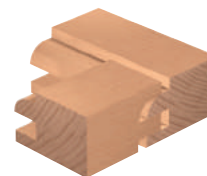
Router Bits

Door Frame & Panel

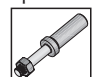
Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450099		12
Cutter A					
Profile Cutter	40	10.6	1450230		
Groover	41	10.2	1431060		
Cutter B					
Profile Cutter	38	11.6	1450130		
Groover	41	3.5	1430120		
Groover	41	3.5	1430120L		
Groover	41	7.35	1430130		



Spare Parts:



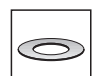
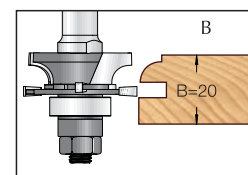
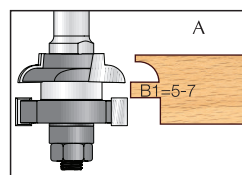
Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



Washer
#192 011 0
1x16



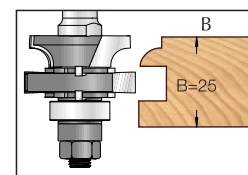
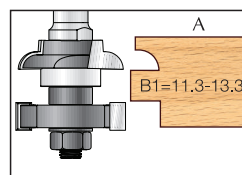
Spacer
#192 100 0
0.1x16



Spacer
#192 035 0
6.35x16

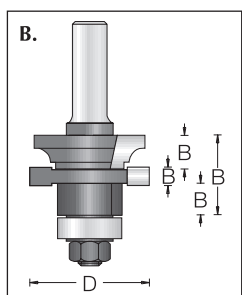
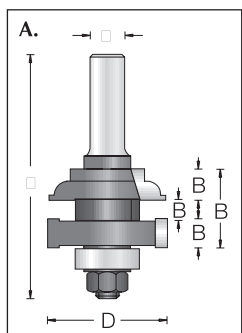


Washer
#192 012 0
0.4x16

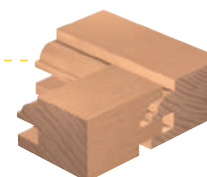


Grooving
& Sizing

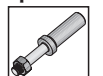
Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450049		12
Cutter A					
Profile Cutter	40.0	10.7	1450240		
Groover	22.5	7.3	1450120		
Groover	41.0	10.2	1431060		
Cutter B					
Profile Cutter	38.0	11.6	1450140		
Groover	41.0	6.3	1431140		
Groover	22.0	11.0	1450220		



Spare Parts:



Arbor & Nut
#190 013 9
L=84



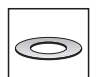
Ball Bearing
#191 013 0
8x22x7



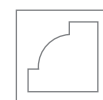
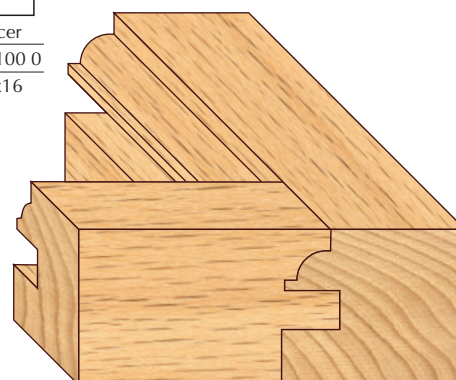
Washer
#192 011 0
1x16



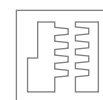
Spacer
#192 100 0
0.1x16



Spacer
#192 050 0
0.05x16



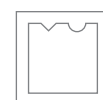
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

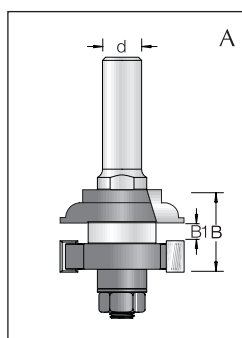


Carving

Router Bits

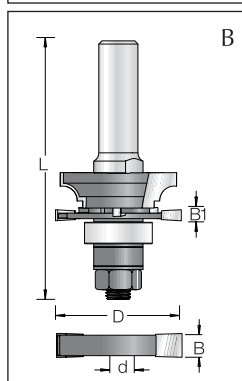
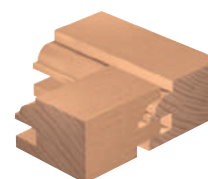
Door Frame & Panel

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450259 ■		12
Cutter A					
Profile Cutter	40	10.7	1450260		
Groover	41	10.2	1431060		
Cutter B					
Profile Cutter	38	11.6	1450140		
Groover	41	3.5	1430120		
Groover	41	3.5	1430120L		
Groover	41	7.35	1430130		

■ Available upon request



Spare Parts:



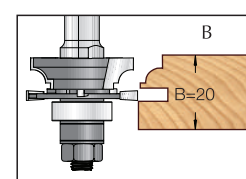
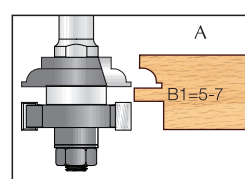
Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



Spacer
#192 035 0
6.35x16



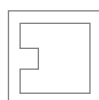
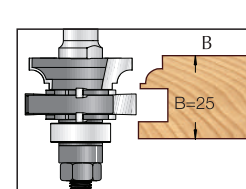
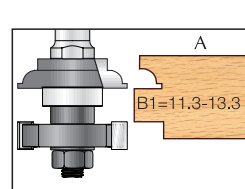
Spacer
#192 100 0
0.1x16



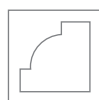
Spacer
#192 011 0
1x16



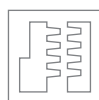
Washer
#192 050 0
0.05x16



Grooving
& Sizing



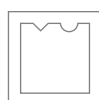
Profiling &
Chamfering



Jointing &
Rabbeting

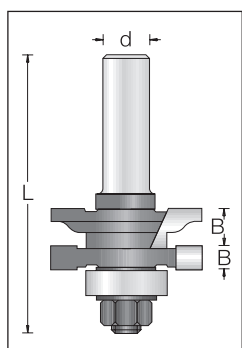


Door Frame
& Panel



Carving

Tongue & Groove Flat Classic Set



	øD	B	Code No.	L	ød
Complete	41	22.0	1430015	70	8
	41	22.0	1430019*	76	12
Profile Cutter	41	11.0	1431010		
Groover	41	6.3	1431040		

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut *
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



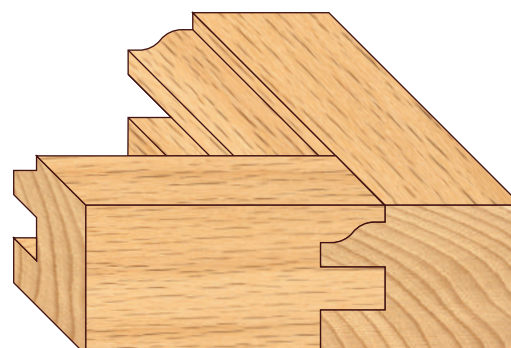
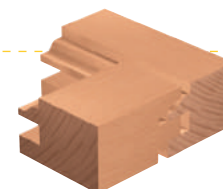
Washer
#192 011 0
1x16



Spacer
#192 100 0
0.1x16



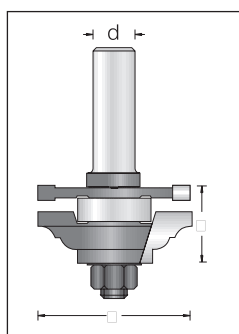
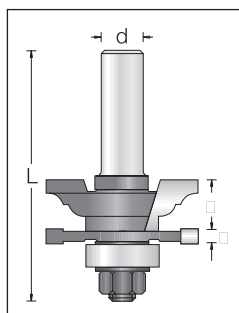
Spacer
#192 050 0
0.05x16



Router Bits

Door Frame & Panel

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete	46	22	1440015	70	8
	46	22	1440019*	76	12
Profile Cutter	46	15	1441010		
Groover	46	4	1421040		

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut*
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



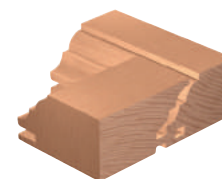
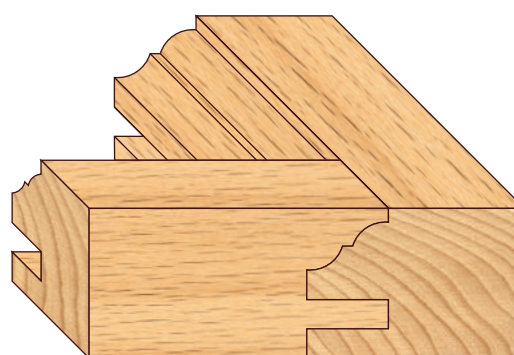
Washer
#192 011 0
1x16



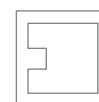
Spacer
#192 100 0
0.1x16



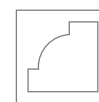
Spacer
#192 050 0
0.05x16



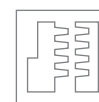
Router Bits



Grooving & Sizing



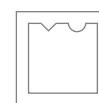
Profiling & Chamfering



Jointing & Rabbeting

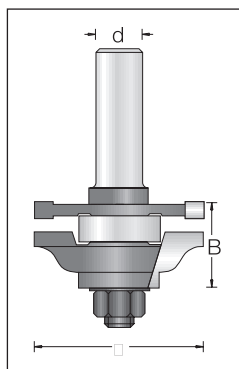
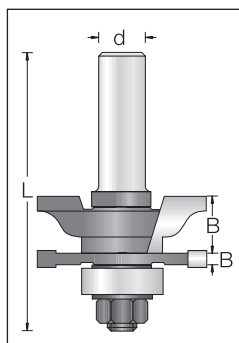


Door Frame & Panel



Carving

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete	46	22	1420015	70	8
	46	22	1420019*	76	12
Profile Groover	46	15	1421010		
Groover	46	4	1421040		

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut*
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



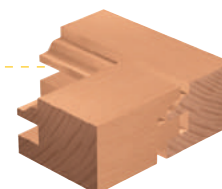
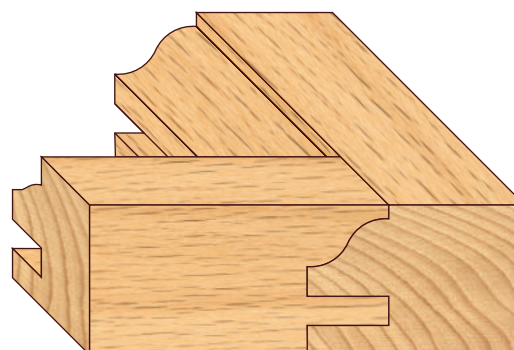
Washer
#192 011 0
1x16



Spacer
#192 100 0
0.1x16



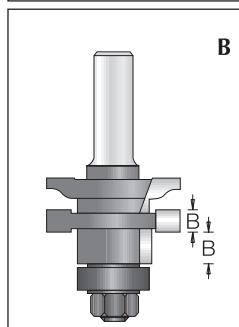
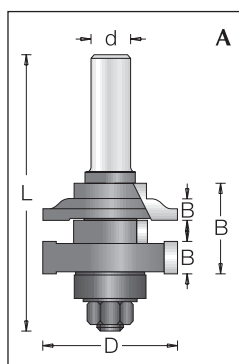
Spacer
#192 050 0
0.05x16



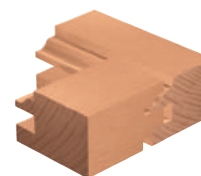
Router Bits

Door Frame & Panel

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450029		12
Cutter A					
Profile Cutter	41	10.9	143101L		
Groover	22	7.3	1450120		
Groover	41	10.2	1431060		
Cutter B					
Profile Cutter	41	10.9	1431310		
Groover	41	6.3	1431140		
Groover	22	11.0	1450220		



Spare Parts:



Arbor & Nut
#190 013 9
L=84



Ball Bearing
#191 013 0
8x22x7



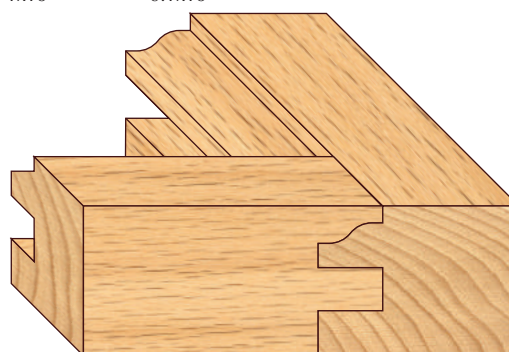
Washer
#192 011 0
1x16



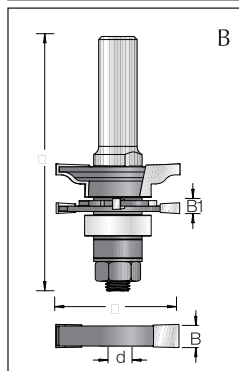
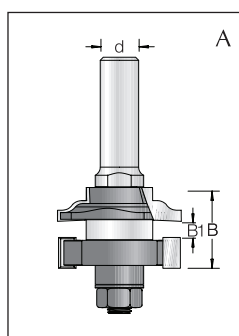
Spacer
#192 100 0
0.1x16



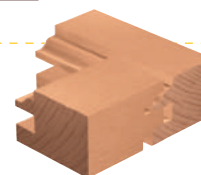
Spacer
#192 050 0
0.05x16



Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete			1450289		12
Profile Cutter	41	10.9	1431150L		
Groover	41	10.2	1431060		
Profile Cutter	41	10.9	1431310		
Groover	41	3.5	1430120		
Groover	41	3.5	1430120L		
Groover	41	7.35	1430130		



Spare Parts:



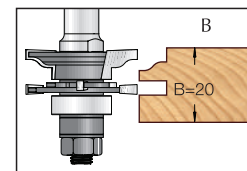
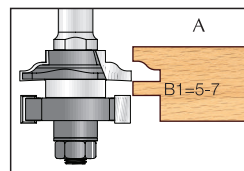
Arbor & Nut
#190 017 9
L=85



Ball Bearing
#191 013 0
8x22x7



Spacer
#192 035 0
6.35x16



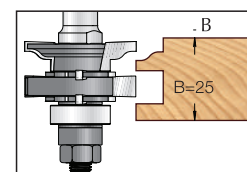
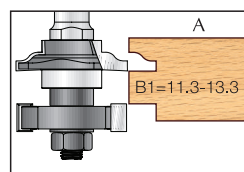
Spacer
#192 050 0
0.05x16



Spacer
#192 011 0
1x16



Washer
#192 100 0
0.1x16



Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

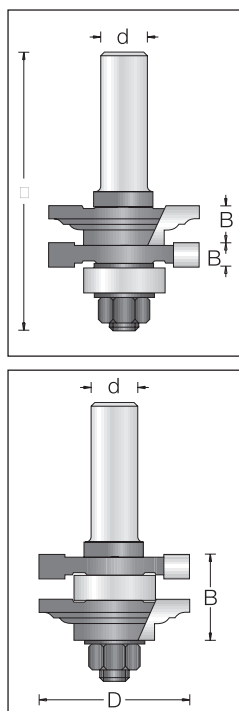


Carving

Router Bits

Door Frame & Panel

Tongue & Groove Classic Set



	øD	B	Code No.	L	ød
Complete	41	22	1432015 ■	76.2	8
	41	22	1432019*	76.2	12
Profile Cutter	11	11	1431110		
Groover	41	6.3	1431040		

■ Available upon request

Spare Parts:



Arbor & Nut
#190 004 5
L=70



Arbor & Nut*
#190 004 9
L=76



Ball Bearing
#191 013 0
8x22x7



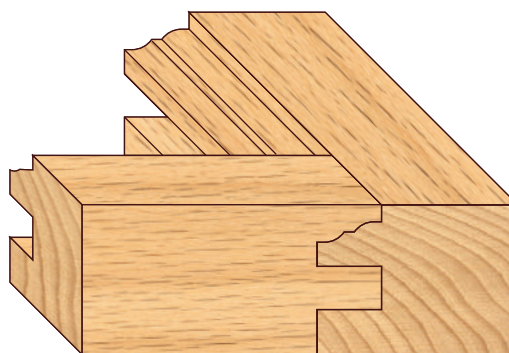
Washer
#192 011 0
1x16



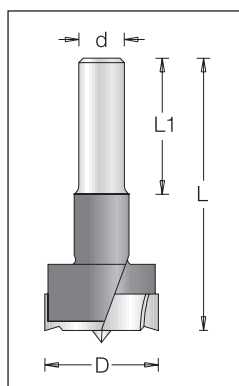
Spacer
#192 100 0
0.1x16



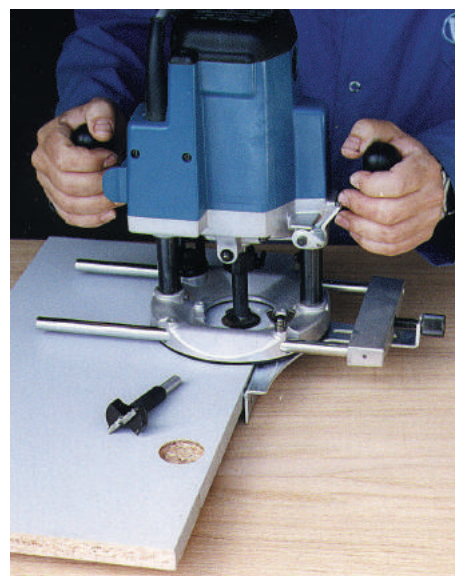
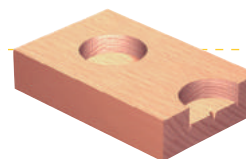
Spacer
#192 050 0
0.05x16



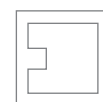
Drills for Routers



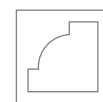
øD	Code No.	L1	L	ød
25	2034415	30	60	8
30	2034465	30	60	8
	2034469	30	60	12
35	2034515	30	60	8
	2034519	30	60	12



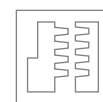
Router Bits



Grooving
& Sizing



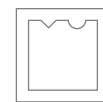
Profiling &
Chamfering



Jointing &
Rabbeting



Door Frame
& Panel

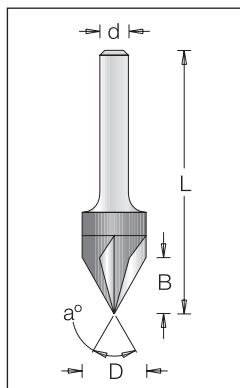


Carving

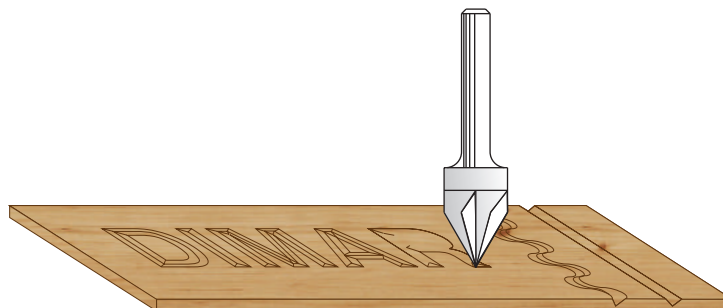
Router Bits

Carving

V Groove Bit - for Engraving Wood



øD	a	B	Code No.	L	ød
14	60°	12.0	1053043*	57	6
	60°	12.0	1053045*	57	8



Router Bits



Grooving
& Sizing



Profiling &
Chamfering



Jointing &
Rabbeting

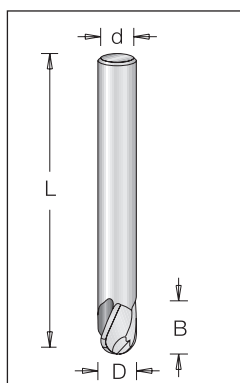


Door Frame
& Panel



Carving

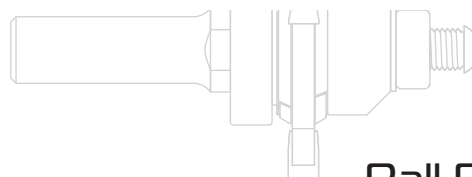
Solid Carbide Radius Grooving



øD	R	Code No.	B	L	ød
6	3	so1063043	9	60	6
8	4	so1063085	11	70	8
10	5	so1063097	13	80	10



Router Bits



Ball Bearing Parts



Ball Bearing



Washer



Spring Washer



screw



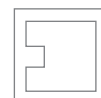
Lock Ring



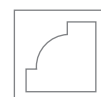
Retaining Ring

No.	d	D	B	d	D	d	d	D	B
1	1910 02 0					1930 02 0			
	1/8	1/4	7/64	NC2-7/32					
2	1910 01 0			1920 01 0	1950 04 0	1930 07 0			
	1/8	3/8	5/32	1/8 3/8	11749	NC3-3/8			
3	1910 04 0			1920 04 0	1950 01 0	1930 01 0			
	3/16	3/8	1/8	3/16 5/16	42583	NC5-3/8			
4	1910 07 0			1920 07 0	1950 01 0	1930 01 0			
	3/16	1/2	5.0	3/16 1/2	42583	NC5-3/8			
5	1910 06 0			1920 10 0	1950 01 0	1930 04 0			
	3/16	5/8	5.0	5.0 16.0	42583	NC5-1/2			
6	1910 15 0			1920 10 0	1950 01 0	1930 04 0			
	3/16	3/4	5.0	5.0 16.0	42583	NC5-1/2			
7	1910 05 0			1920 04 0	1930 08 0				
	1/4	5/8	5.0	3/16 5/16	NF10-1/2				
8	1910 10 0			1920 10 0	1950 01 0	1930 01 0			
	5.0	16.0	5.0	5.0 16.0	42583	NC5-3/8			
9	1910 14 0			1920 04 0	1930 08 0				
	1/4	3/4	9/32	3/16 5/16	NF10-1/2				
10	1910 14 0				1950 80 0	1930 08 0			
	1/4	3/4	9/32	42430		NF10-1/2			
11	1910 03 0					1930 21 1	1970 11 0		
	1/4	1/2	3/16	NC5-40 L=2.5		1/4	11.0	5.0	
12	1910 05 0					1930 21 1	1970 11 0		
	1/4	5/8	5.0	NC5-40 L=2.5		1/4	11.0	5.0	
13	1910 14 0					1930 21 1	1970 11 0		
	1/4	3/4	9/32	NC5-40 L=2.5		1/4	11.0	5.0	
14	1910 20 0					1930 21 1	1970 50 0		
	1/2	3/4	5/32	NC5-40 L=2.5		1/2	18.2	6.0	

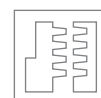
Router Bits



Grooving & Sizing



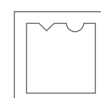
Profiling & Chamfering



Jointing & Rabbeting



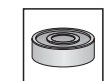
Frame & Panel door



Carving

Router Bits

Ball Bearing Parts



Ball Bearing



Washer



Spring Washer



screw



Lock Ring



Retaining Ring

No.	d	D	B	d	D	d	d	D	B
15	1910 13 0						1960 05 0		
	8.0	22.0	7.0				DIN 471-8		
16	1910 03 0			1920 32 0			1930 21 1		
	1/4	1/2	3/16	1/4	7/16	NC5-40 L=2.5			1/4 11.0 5.0
17	1910 17 0						1930 21 1		
	10.0	26.0	8.0				NC5-40 L=2.5		
							3/8 16.0 5.0		
18	1910 19 0						1960 06 0		
	15.0	35.0	11.0				DIN 471-15		
19	1910 18 0						1930 21 1		
	1/2	1 1/8	5/16				NC5-40 L=2.5		
							1/2 20.0 6.0		
20	1919 21 0						1930 21 1		
	15.0	25.4	6.0				NC5-40 L=2.5		
							1/2 18.2 6.0		
21	1919 22 1						1930 21 1		
	15.0	38.1	9.0				NC5-40 L=2.5		
							1/2 20.0 6.0		
22	1910 13 0						1930 21 1		
	8.0	22.0	7.0				NC5-40 L=2.5		
							1/4 11.0 5.0		
23	1910 05 0						1960 05 0		
	1/4	5/8	5.0				DIN 471-8		
24	1919 22 0						1930 21 1		
	15.0	31.8	8.5						
25	1910 24 0			1920 04 0			1930 08 0		
	8.0	16.0	5.0	3/16	5/16	NF10-1/2			
26	1910 24 0						1960 05 0		
	8.0	16.0	5.0				DIN 471-8		
27	1910 31 0			1920 04 0			1930 08 0		
	8.0	14.0	4.0	3/16	5/16	NF10-1/2			
28	1910 19 0			1920 14 5			1960 06 0		
	15.0	35.0	11.0	15	30	1.0	DIN 471-15		



Grooving & Sizing



Profiling & Chamfering



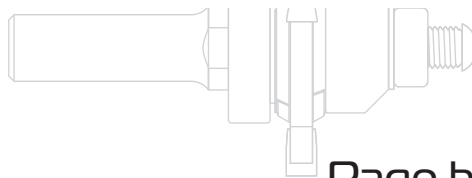
Jointing & Rabbeting



Frame & Panel door



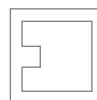
Carving



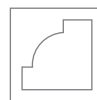
Router Bits

Page header theme

Router Bits



Grooving
& Sizing



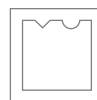
Profiling &
Chamfering



Jointing &
Rabbeting



Frame &
Panel door



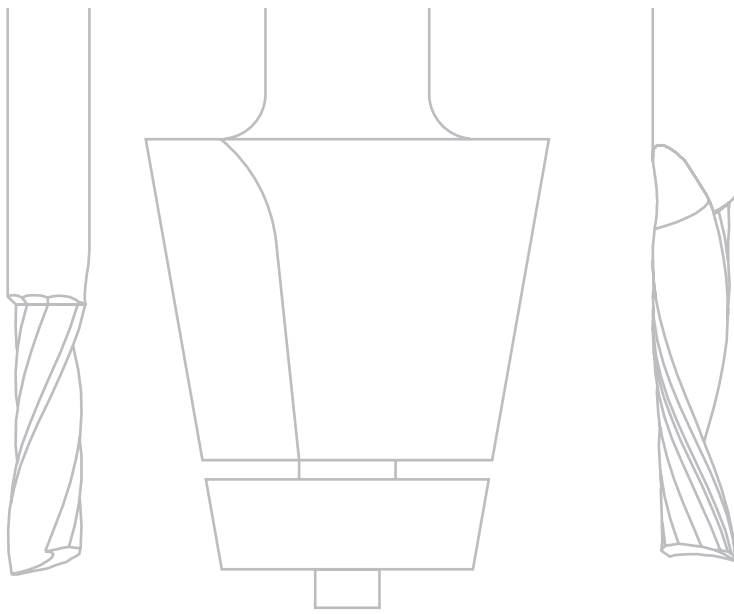
Carving

Advanced Materials

Offering a comprehensive range of circular saws, cutters and router bits for processing solid surface materials, aluminum, composites, high-pressure laminates, plastics and sandwich panels.

- Tools for sizing, carved routing and surface engraving in plastics
- Sizing and carve-routing in aluminum
- Tools for cutting and routing solid surface materials
- Special tools engineered for long life and accuracy in machining composite materials (reinforcing fibers and polymer matrix)

Important factors such as carbide-type, tool geometry, grinding process and cutting edge finish, greatly influence the success of working with advanced materials. Dimar provides a superior solution featuring longer tool life and excellent cutting quality.



Advanced Materials **INDEX**



Plastic



Solid Surface
Materials



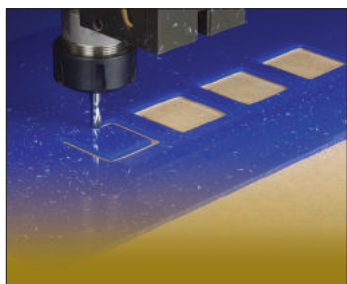
Aluminum



Composites

Plastic	327	-	336
Solid Surface Materials	337	-	340
Aluminum	350	-	357
Composites	358	-	361

Plastic

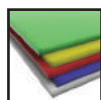
								
	327-329	330	330	330	331	331	332-335	336

Generic Name for Materials Made from Polymer Chains

There is enormous variety of plastics. Various combinations of Polymer structures & sizes could create new mechanical properties. Those different materials are spread over the complete scale of each property (very soft to very hard, clear to blank, heat sensitivity to heat resistance, e.g.). No doubt it is difficult to define the exact cutting condition of rotation speed in related to the cutting feed.

Kindly, refer to a couple guidelines to optimize cutting process:

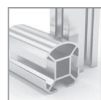
- The larger the chip size, the larger the tool lifetime.
- For "elastic/soft" material, we highly recommend to work with a minimal number of cutting edges; For Instance, it is preferable to work with 1 flute, not with 2 flutes.
- For "hard/ breakable" material, it is preferable to use with additional cutting edges; for instance: Using 300 diameter saw with 96 teeth, not 60 teeth.
- Tools for use in plastics are characterized by extremely sharp cutting angles. Carbide tips is required to support an angle in order not to crumble during cutting.



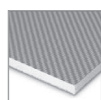
Plastic



Solid Surface Materials



Aluminum



Composites

In order to define the material it is recommended to use the table below:

Polymer	Tensile Strength MPa	(%) Elongation	Tensile Modulus MPa
HDPE	21-35	15-100	700-1400
LDPE	7-21	50-800	100-250
PP	30-40	150-600	1150-1550
PS	33-35	1-4	2400-3350
PVC	35-63	2-30	2000-4200
ABS	35-48	15-80	1750-2500
PA 6/6	84	60-100	2070-3245
PA 6/12	62	150-340	2100
PC	63	110	2400
PMMA	55-75	5	2400-3100
Polyester	56	300	2400
Polysulfones	70.3	5-6	2482
PEEK	100	40	3900
PET	45-145		2300-10300
PVDC	19	350	345-552
Cellulosics	14-15	6-60	690-2100
PAI	125-185	5-12	710-4900
Polyacrylates	69	50	2400-16600
PPO	55	50	2484-2622
Polyimides	69	50	3588

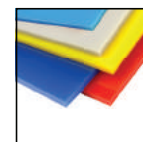
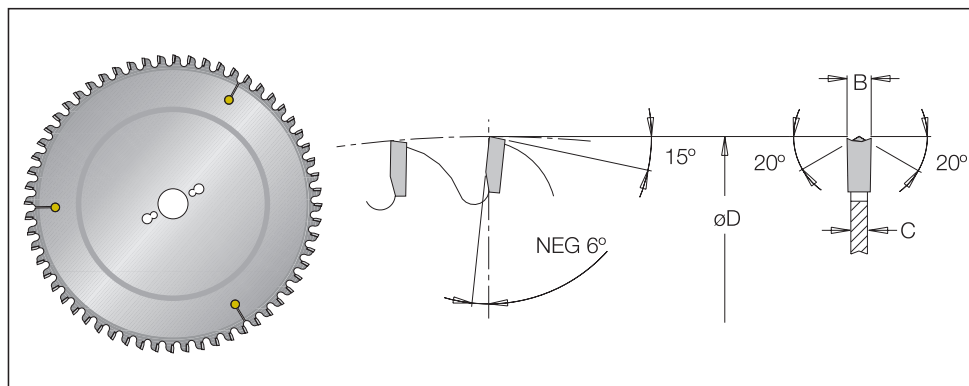
The property of the tensile modulus and the elongation can give a good idea where the material belongs: is it more breakable or is it considered to be soft?

As the tensile modulus gets bigger and the elongation gets smaller, the material becomes harder and more cutting edges can be used.

This table can also give a perspective of a new material regarding a material that is already known.

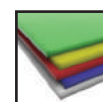
Plastic

Trimming & Sizing Saw Blade, MEDN



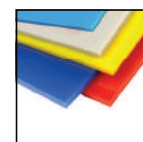
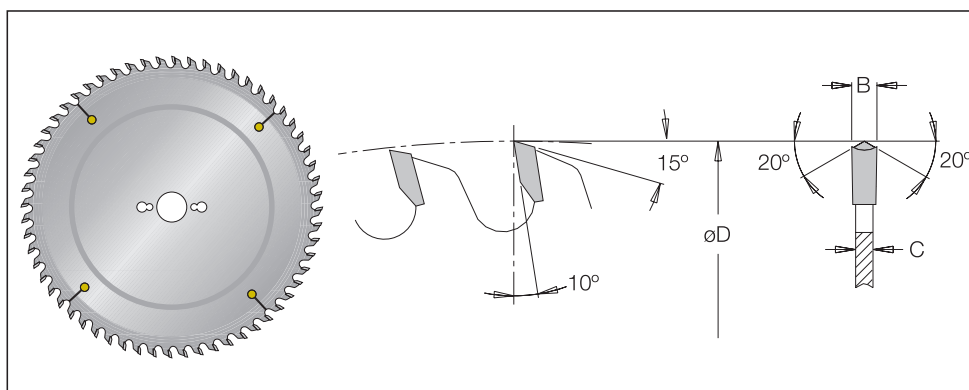
ØD	Teeth	Code No.	B	c	n	m/min	Ød
220	42	90110656	3.2	2.2	6000-8600	13-18	30
253	48	90110136	3.2	2.2	5200-7500	12-17	30
303	60	90110856	3.2	2.2	4400-6300	13-19	30

Advanced Materials



Plastic

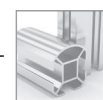
Trimming & Sizing Saw Blade, MED



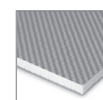
ØD	Teeth	Code No.	B	c	n	m/min	Ød
253	48	90110106	3.2	2.2	5200-7500	12-18	30
303	60	90110256	3.3	2.4	4400-6300	13-19	30
350	72	90110306	3.2	2.2	3800-5400	14-19	30



Solid Surface Materials



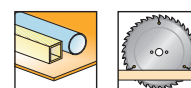
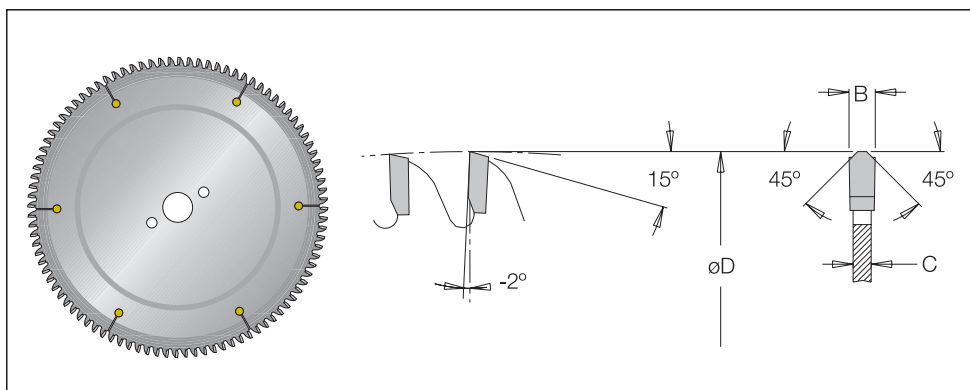
Aluminum



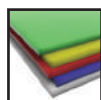
Composites

Plastic

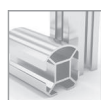
Plastic Trimming & Sizing Saw Blade, MFUP



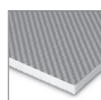
øD	Teeth	Code No.	B	c	ød
250	80	90107036	2.5	1.8	30
300	96	90107066	3.3	2.6	30
350	108	90107096	3.7	3.0	30



Plastic

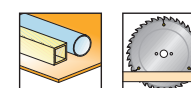
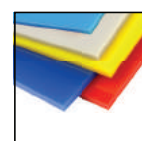
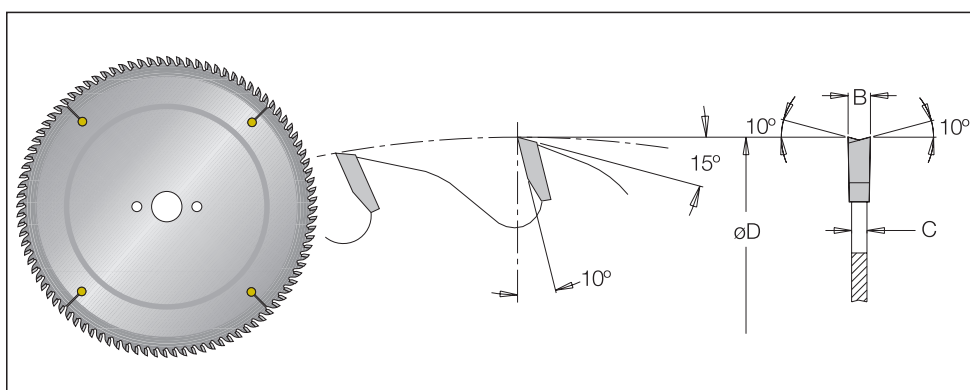

Solid Surface
Materials


Aluminum



Composites

Soft & Hard Trim & Cross- cut Saw Blade, MEW, MFW

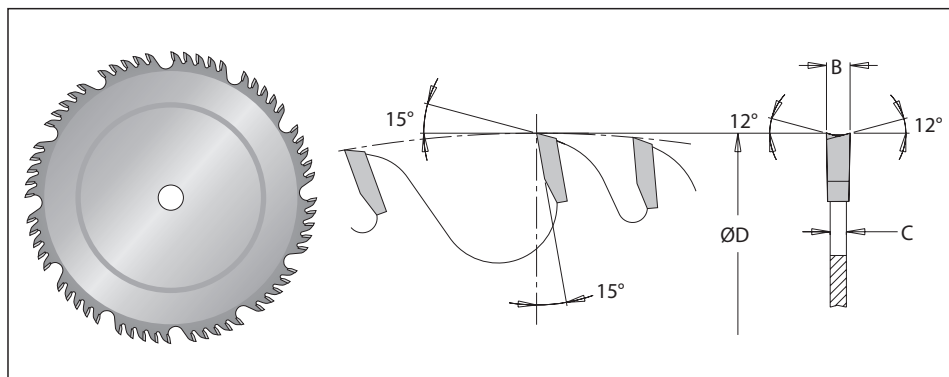


øD	Teeth	Code No.	B	c	ød	n	m/min	
150	30	90103506 ■	3.0	2.0	30	6300-10100	32-52	MEW
	48	90105306	3.0	2.0	30	6300-10100	51-82	MFW
180	42	90103806	3.0	2.0	30	5300-8400	38-60	MEW
	58	90105406	3.0	2.0	30	5300-8400	52-83	MFW
200	48	90104006	3.0	2.0	30	4700-7600	38-62	MEW
	64	90105506	3.0	2.0	30	4700-7600	51-83	MFW
220	48	90104036 ■	3.0	2.0	30	4300-6900	35-56	MEW
	64	90105596	3.0	2.0	30	4300-6900	47-75	MFW
250	60	90104106	3.2	2.2	30	3800-6100	39-62	MEW
	80	90105706	3.2	2.2	30	3800-6100	52-83	MFW
300	60	90104206	3.2	2.2	30	3100-5000	32-51	MEW
	72	90104306	3.2	2.2	30	3100-5000	38-61	MEW
	96	90105806	3.2	2.2	30	3100-5000	51-82	MFW
350	72	90104406	3.5	2.5	30	2700-4300	33-53	MEW
	84	90104506	3.5	2.5	30	2700-4300	39-61	MEW
	108	90105906	3.5	2.5	30	2700-4300	50-79	MFW
400	96	90104606	3.5	2.5	30	2300-3800	38-62	MEW
	120	90106006	3.5	2.5	30	2300-3800	47-78	MFW
450	108	90104626	4.0	2.8	30	2100-3300	39-61	MEW
	132	90106036	4.0	2.8	30	2100-3300	47-74	MFW
500	120	90104636	4.4	3.0	30	1900-3000	39-61	MEW

■ Available upon request

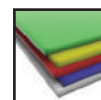
Plastic

Combination Multipurpose Cut Saw Blade, MEC



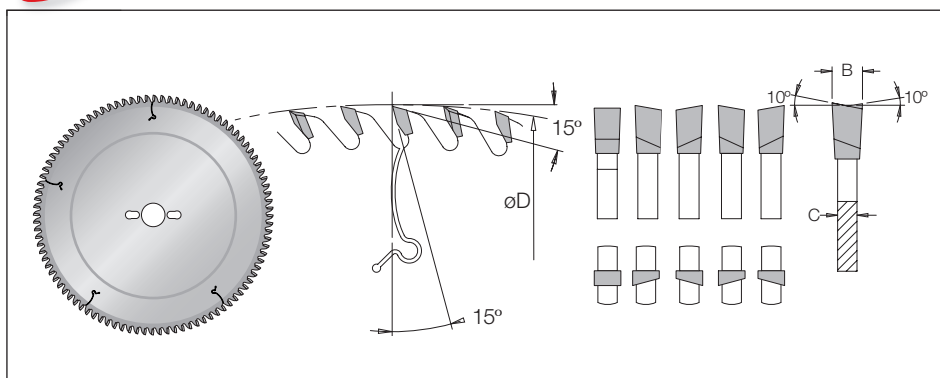
ØD	Teeth	Code No.	B	c	n	m/min	Ød
200	40	90800106	3.2	2.2	8900-12000	21-29	30
230	40	90800206	3.2	2.2	6600-9000	21-29	30
250	50	90800406	3.4	2.4	5300-7600	27-38	30
300	60	90800506	3.8	2.8	5300-7600	21-30	30
350	70	90800606	3.8	2.8	5300-7600	27-38	30
400	80	90800706	4	3	4400-6300	21-30	30

Advanced Materials



Plastic

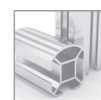
DMAX Trimming & Cross Cut Saw Blade, DFCC



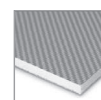
ØD	Teeth	Code No.	B	c	n	m/min	Ød
300	100	96035306	3.0	2.2	3800-6300	27-45	30



Solid Surface Materials



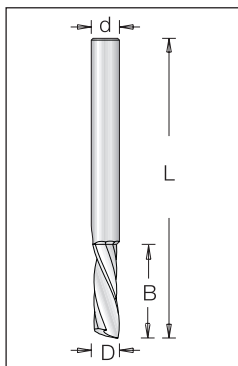
Aluminum



Composites

Plastic

Single Spiral O Flute, Down Shear Angle, Mirror Finish

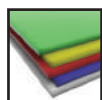


(Metric)

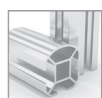
D	B	Code No.	L	ød
2.5	8.0	NEW 185419Z	50	3.0
3.0	11.0	185411Z	50	3.0
4.0	13.0	185412Z	50	4.0
5.0	18.0	185413Z	60	5.0
6.0	20.0	1854143	60	6.0

(Imperial)

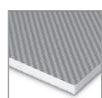
D	B	Code No.	L	ød
3.2	12.7	185417Z	50.8	3.2
3.2	12.7	NEW 1854164	50.8	6.35
4.76	15.9	185423Z	50.8	4.76
4.76	15.9	NEW 1854234	50.8	6.35
6.35	19.05	NEW 1854334	63.5	6.35
6.35	25.4	NEW 1854324	63.5	6.35
6.35	31.75	NEW 1854354	76.2	6.35



Plastic

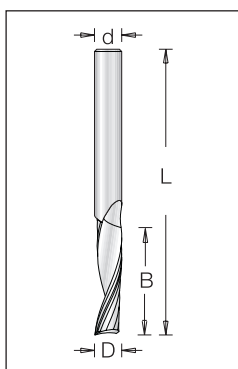
Solid Surface
Materials

Aluminum



Composites

Single Spiral O Flute Up Shear Angle Mirror Finish

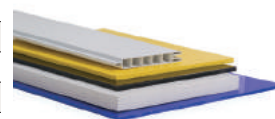


(Metric)

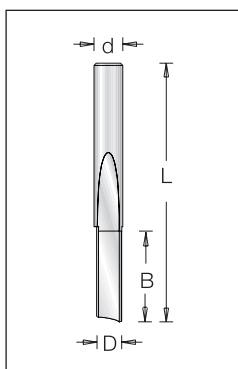
D	B	Code No.	L	ød
2.5	8.0	NEW 185519Z	50	3.0
3.0	11.0	185511Z	50	3.0
4.0	13.0	185512Z	50	4.0
5.0	18.0	185513Z	60	5.0
6.0	20.0	1855143	60	6.0

(Imperial)

D	B	Code No.	L	ød
3.2	12.7	185517Z	50.8	3.2
3.2	12.7	NEW 1855164	50.8	6.35
4.76	15.9	185523Z	50.8	4.76
4.76	15.9	NEW 1855234	50.8	6.35
6.35	19.05	NEW 1855334	63.5	6.35
6.35	25.4	NEW 1855324	63.5	6.35
6.35	31.75	NEW 1855354	76.2	6.35

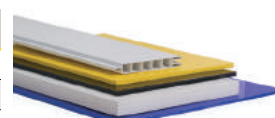


Single Straight O Flute



D	B	Code No.	L	ød
3.18	12.75	1850104	50	6.35
4.76	16.0	1850224	50	6.35
6.35	19.05	1850304	50	6.35
6.35	25.4	1850324	65	6.35
6.35	25.4	L1850324 ■	90	6.35

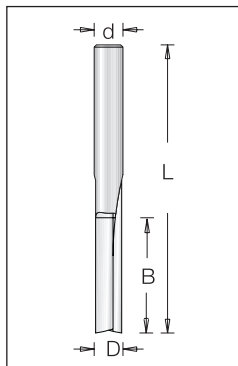
■ Available upon request



Plastic



Double Straight Flute

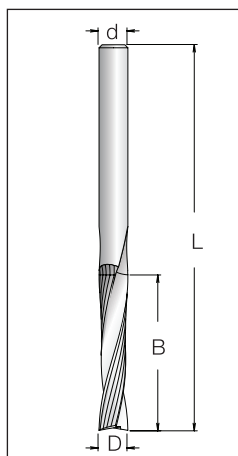


D	B	Code No.	L	ød
3.15	12.7	1870104	50	6.35
4.75	16.0	1870224	50	6.35
6.35	25.4	1870324	64	6.35
9.5	25.4	1870406	64	9.5
12.7	25.4	1870508	77	12.7

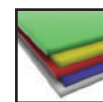


Double Spiral O Flute Up Shear

NEW



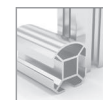
D	B	Code No.	Z	L	ød
7.94	25.4	185133Z	2	63.5	8
9.52	31.75	1852416	2	76.2	9.52
12.7	38.1	1851538	2	90.0	12.7



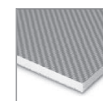
Plastic



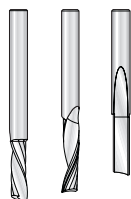
Solid Surface
Materials



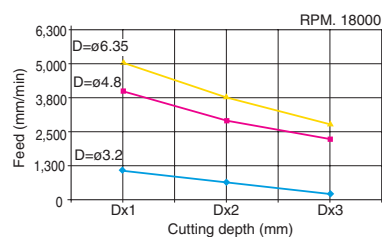
Aluminum



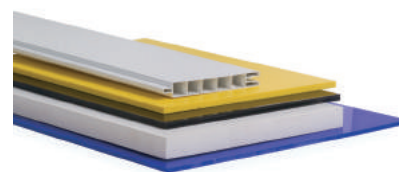
Composites



O Flut design
Z=1



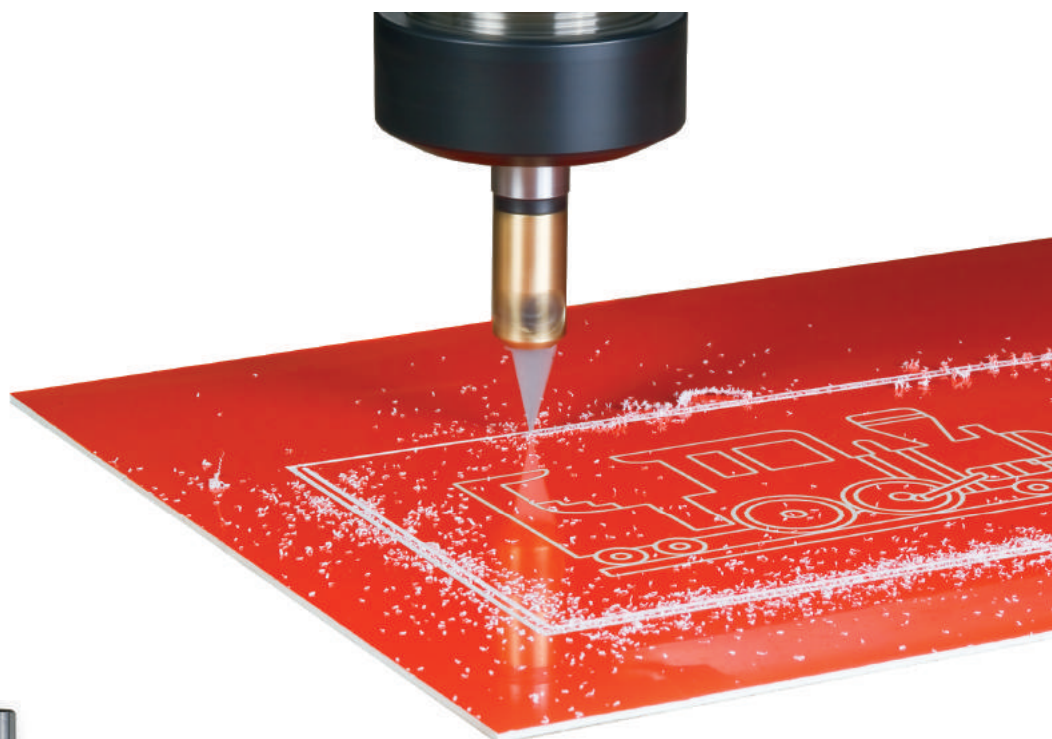
R.P.M. = 18,000



Plastic

Plastic

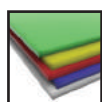
Engraving System



The versatile Engraving Insert System features one tool body with 40 unique insert knives of the highest industrial quality, to ensure cleaner cuts and longer life than most other standard solid router bits.

Designed for a wide variety of applications including straight cut, core box, round corner, V-grooves and cutting & chamfering. Ideal for cutting laminated materials, veneers, MDF, plastics, wood and solid surfaces.

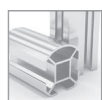
The system was specially engineered to enable a quick, easy exchange of inserts while mounted in CNC machines; eliminating setup-time while maintaining consistent cutting accuracy. The balanced design minimizes vibration resulting in superior cutting.



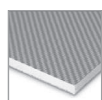
Plastic



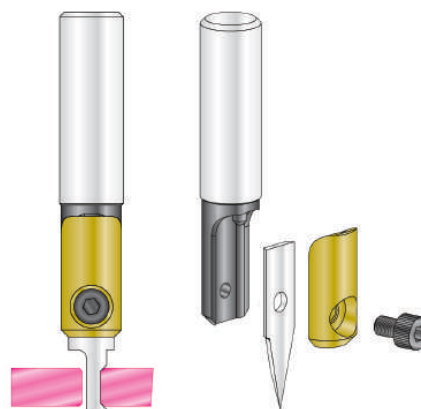
Solid Surface
Materials



Aluminum

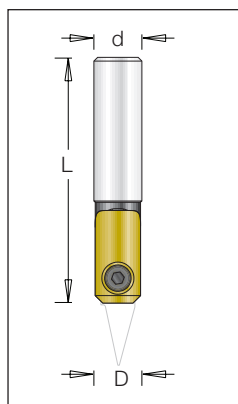


Composites



Plastic

Engraving System



Code No.	D	L	ød
G1853x05*	12	65	8
G1853x09*	12	65	12

Also available with 1/4 & 1/2 diameter shank.

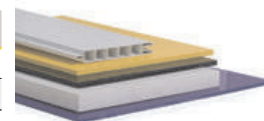
*Body only.



Allen screw
#193 807 0
M4x6



Allen key
#194 003 0
S3



V-Groove 30°
Engraving
Insert Knives

Code No.	D
* 3185005	0.12
* 3185006	0.24
3185007	0.5
3185008	0.75
3185009	1.0
3185010	1.5
3185011	2.25

V-Groove 60°
Engraving
Insert Knives

Code No.	D
* 3185018	0.12
* 3185019	0.25
3185020	0.5
3185021	0.75
3185022	1.0
3185023	1.5
3185024	2.25

V-Groove 90°
Engraving
Insert Knives

Code No.	D
3185014	0.12
3185015	0.24
3185016	0.5
3185017	1

Straight
Engraving
Insert Knives

Code No.	D	B
3185032	3.2	5
3185033	4.76	6
3185034	6.35	7
3185035	7.94	8

* Only for use with controllable feed rate machines.

Core box
Engraving
Insert Knives

Code No.	R	B
3185028	1.6	5
3185029	2.4	6
3185030	3.2	7
3185031	4.0	8

Corner
round
Engraving
Insert Knives

Code No.	R	B
3185025	1.6	8
3185026	2.4	8
3185027	3.2	8

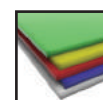
Cutting and chamfering Engraving
Insert Knives

Code No.	B
3185040	0.5
3185036	1.0
3185002	1.5
3185037	1.8
3185041	2.3
3185042	3.3
3185012	3.6

Code No.	B
3185043	4.3
3185013	4.6
3185003	5
3185044	5.5
* 3185038	6.3
* 3185039	8.3

* Only for Chamfer operation.

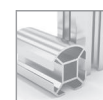
Advanced Materials



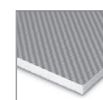
Plastic



Solid Surface
Materials



Aluminum



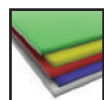
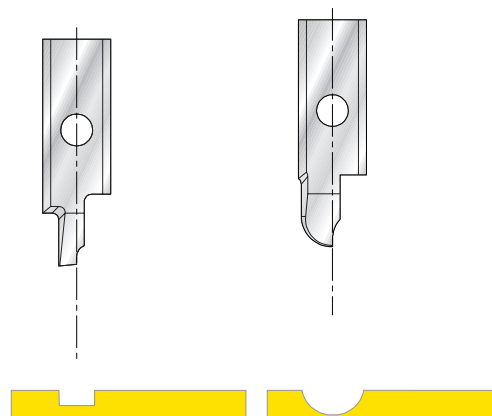
Composites

Plastic

Engraving System Feed Rates

Straight and core box max feed Vars. RPM (cutting depth 1D) mm/min

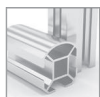
Head diameter (mm)	3.2	4.76	6.35	7.93
Rotation speed (RPM)	Recomended feed rate (mm/min)			
6000	600	780	900	1080
7000	700	910	1050	1260
8000	800	1040	1200	1440
9000	900	1170	1350	1620
10000	1000	1300	1500	1800
11000	1100	1430	1650	1980
12000	1200	1560	1800	2160
13000	1300	1690	1950	2340
14000	1400	1820	2100	2520
15000	1500	1950	2250	2700
16000	1600	2080	2400	2880
17000	1700	2210	2550	3060
18000	1800	2340	2700	3240
19000	1900	2470	2850	3420
20000	2000	2600	3000	3600
21000	2100	2730	3150	3780
22000	2200	2860	3300	3960
23000	2300	2990	3450	4140
24000	2400	3120	3600	4320
25000	2500	3250	3750	4500
26000	2600	3380	3900	4680
27000	2700	3510	4050	4860
28000	2800	3640	4200	5040



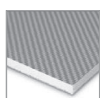
Plastic



Solid Surface Materials



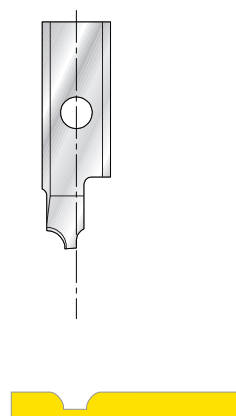
Aluminum



Composites

Round corner reccomended feed Vars. RPM mm/min

Knife radius (mm)	1.6	2.4	3.2
Rotation speed (RPM)	Recomended feed rate (mm/min)		
6000	1500	1320	1200
7000	1750	1540	1400
8000	2000	1760	1600
9000	2250	1980	1800
10000	2500	2200	2000
11000	2750	2420	2200
12000	3000	2640	2400
13000	3250	2860	2600
14000	3500	3080	2800
15000	3750	3300	3000
16000	4000	3520	3200
17000	4250	3740	3400
18000	4500	3960	3600
19000	4750	4180	3800
20000	5000	4400	4000
21000	5250	4620	4200
22000	5500	4840	4400
23000	5750	5060	4600
24000	6000	5280	4800
25000	6250	5500	5000
26000	6500	5720	5200
27000	6750	5940	5400
28000	7000	6160	5600

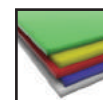
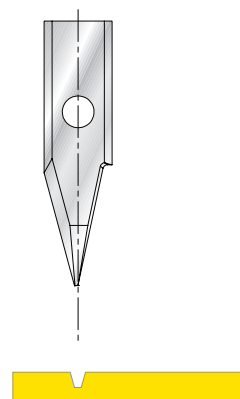


Plastic



V-groove routing recommended max feed Vars. RPM (inch/min)

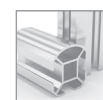
Head diameter (D) mm	0.1	0.25	0.5	0.75	1	1.5
Rotation speed (RPM)	Max. feed rate mm/min					
6000	480	1200	2400	3600	NO LIMIT	
7000	560	1400	2800			
8000	640	1600	3200			
9000	720	1800	3600			
10000	800	2000	4000			
11000	880	2200				
12000	960	2400				
13000	1040	2600				
14000	1120	2800				
15000	1200	3000				
16000	1280	3200				
17000	1360	3400				
18000	1440	3600				
19000	1520	3800				
20000	1600					
21000	1680					
22000	1760					
23000						
24000	1920					
25000	2000					
26000	2080					
27000	2160					
28000	2240					



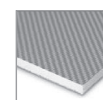
Plastic



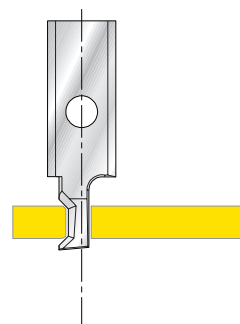
Solid Surface Materials



Aluminum



Composites



Sizing and chamfering recommended feed Vars. RPM mm/min

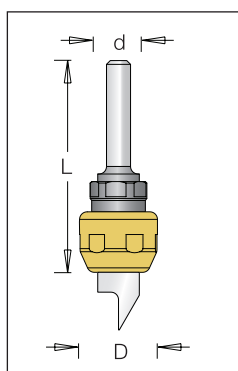
Material thickness (mm)	2	3	4.6	5.6	6	7.2	8
rotation speed (RPM)	Recommended feed rate (mm/min)						
6000	1500	1320	1200	1080	1500	1320	1200
7000	1750	1540	1400	1260	1750	1540	1400
8000	2000	1760	1600	1440	2000	1760	1600
9000	2250	1980	1800	1620	2250	1980	1800
10000	2500	2200	2000	1800	2500	2200	2000
11000	2750	2420	2200	1980	2750	2420	2200
12000	3000	2640	2400	2160	3000	2640	2400
13000	3250	2860	2600	2340	3250	2860	2600
14000	3500	3080	2800	2520	3500	3080	2800
15000	3750	3300	3000	2700	3750	3300	3000
16000	4000	3520	3200	2880	4000	3520	3200
17000	4250	3740	3400	3060	4250	3740	3400
18000	4500	3960	3600	3240	4500	3960	3600
19000	4750	4180	3800	3420	4750	4180	3800
20000	5000	4400	4000	3600	5000	4400	4000
21000	5250	4620	4200	3780	5250	4620	4200
22000	5500	4840	4400	3960	5500	4840	4400
23000	5750	5060	4600	4140	5750	5060	4600
24000	6000	5280	4800	4320	6000	5280	4800
25000	6250	5500	5000	4500	6250	5500	5000
26000	6500	5720	5200	4680	6500	5720	5200
27000	6750	5940	5400	4860	6750	5940	5400
28000	7000	6160	5600	5040	7000	6160	5600

Plastic

Mini Engraving 1/8" Shank

NEW

1/8" shank mini engraving system for small CNC machines with seven different knife profiles for curving and engraving. Ideal for cutting veneers, MDF, plastics, wood and solid surfaces.



Code No.	D	L	ød
G1853x3Z*	10.3	28	3.18

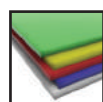
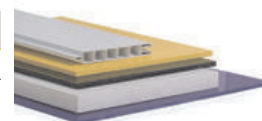
*Body only.



key
#1940011



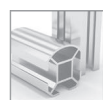
key
#1940012



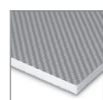
Plastic



Solid Surface
Materials

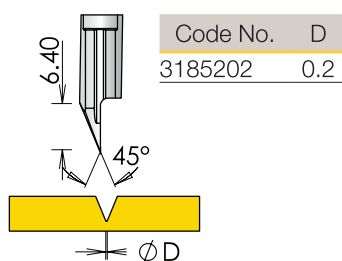


Aluminum



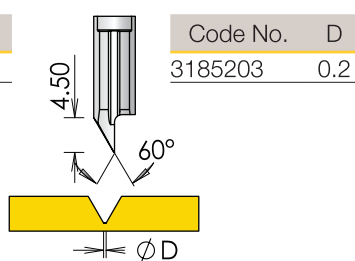
Composites

V-Groove 45°
Engraving
Insert Knives



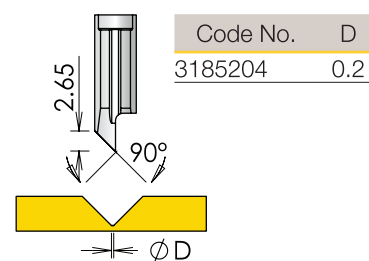
Code No.	D
3185202	0.2

V-Groove 60°
Engraving
Insert Knives



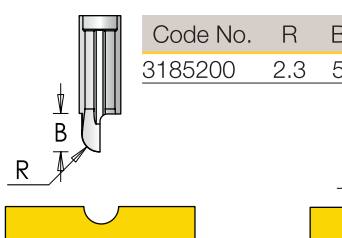
Code No.	D
3185203	0.2

V-Groove 90°
Engraving
Insert Knives



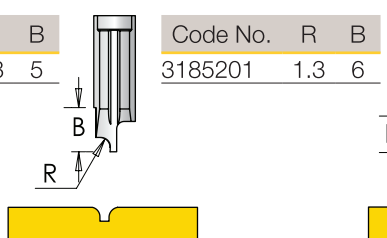
Code No.	D
3185204	0.2

Core Box
Engraving
Insert Knives



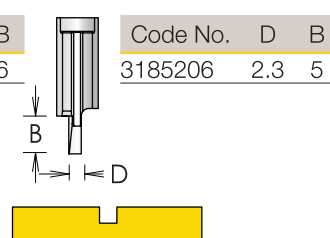
Code No.	R	B
3185200	2.3	5

Corner round
Engraving
Insert Knives



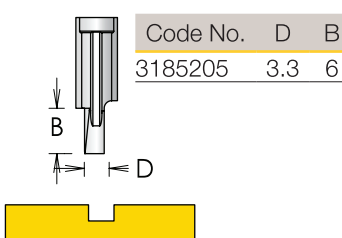
Code No.	R	B
3185201	1.3	6

Straight
Engraving
Insert Knives



Code No.	D	B
3185206	2.3	5

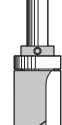
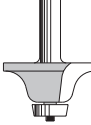
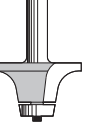
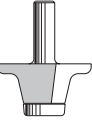
Straight
Engraving
Insert Knives

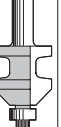
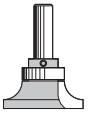
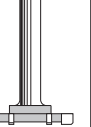
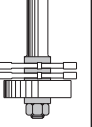


Code No.	D	B
3185205	3.3	6

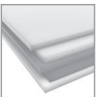
Solid Surface Materials

Router Bits for Fabricating Solid Surface Materials

													
#1250	#1540	#1014	#1014	#1072	#1510	#1031	#1040	#1612	#1520	#1612	#1530	#1530	#1530
337	337	338	338	340	340	341	341	341	342	342	342	343	343

													
#1130	#1559	#1553	#1550	#1564	1554	1564	1062	1592	1590	1594	#1621	#1600	#1084
343	344	344	344	345	345	346	346	347	347	347	348	348	349

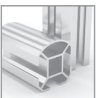
Advanced Materials



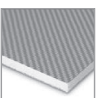
Plastic



Solid Surface Materials



Aluminum



Composites

Corian, Fountainhead Avonite, etc.

Dimar has developed a world class line of router bits for solid surface materials.

Tools profile produced for such materials provide a complete solution for all applications & profiles in this category.

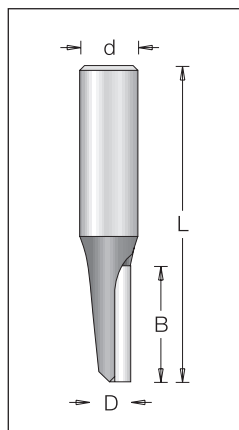
Tooling's shape & measurements shall comply with the particular processing stages.

Working with a bearing guide: In order to protect the product from harm, the bearings are wrapped in reinforced plastic material, which is molded to the bearing and eliminates a split from the bearing while operating. The bearing shape is determined according to the existing profile of the product.



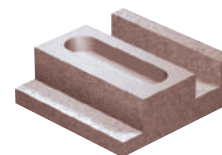
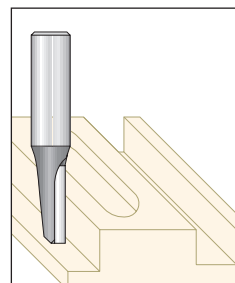
Solid Surface Materials

Plunge Bit - Single Fluted



øD	B	Code No.	L	ød	Z
9.5	25.4	1250229	70	12	1

⚠ Can be supplied with 1/2" shank.



Face Inlay Bit



Plastic



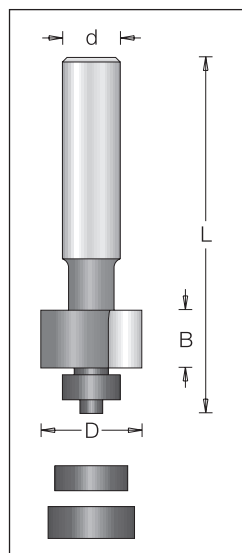
Solid Surface Materials



Aluminum



Composites



øD	B	Code No.	t	L	ød		Z
22.2	6.35	1540019	1.6	78	12	C	2
	6.35	1540029	3.2	76	12	B	2
	6.35	1540039	4.8	76	12	A	2
	9.5	1540159	4.8	78	12	A	2
	12.7	1540049	1.6	82	12	C	2
	12.7	1540059	3.2	80	12	B	2
	12.7	1540069	4.8	80	12	A	2

■ Available upon request

⚠ Can be supplied with 1/2" shank.

Spare Parts:



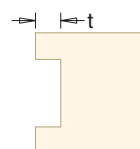
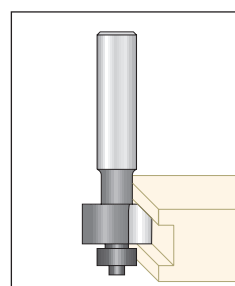
A. Ball Bearing
#191 003 0
12.7x6.3x4.7



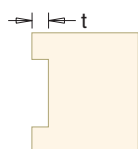
B. Ball Bearing
#191 005 0
16x6.3x5



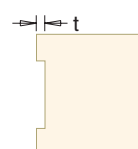
C. Ball Bearing
#191 014 0
19x6.3x7



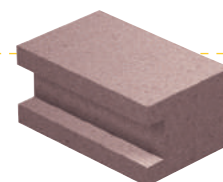
With
Ball Bearing A



With
Ball Bearing B

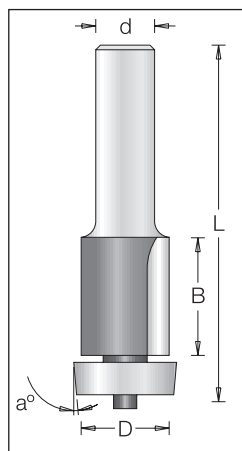


With
Ball Bearing C



Solid Surface Materials

Inlay Trimming Bit



øD	a	B	Code No.	L	ød		Z
19.0	5°	25.4	1014159	80	12	A	2
19.6	5°	38.1	1014209	84	12	B	2

⚠ Can be supplied with 1/2" shank.

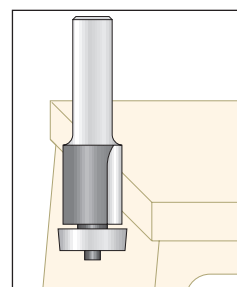
Spare Parts:



A. Molded Bearing
#191 936 0S
22.2x6.3x5.2x5°



B. Molded Bearing
#191 999 0S
25.4x6.3x8.2x5°

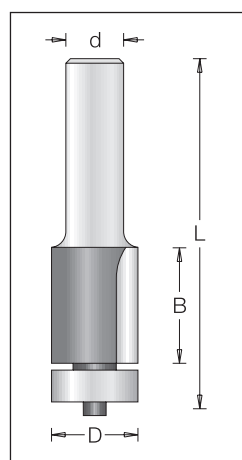


Advanced Materials



Plastic

Inlay Trimming Bit



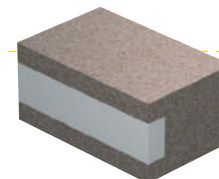
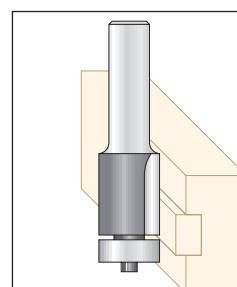
øD	B	Code No.	L	ød	Z
19	25.4	1014169	80	12	2

⚠ Can be supplied with 1/2" shank.

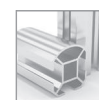
Spare Parts:



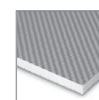
Molded Bearing
#1919 340S
19x6.3x5.7



Solid Surface
Materials



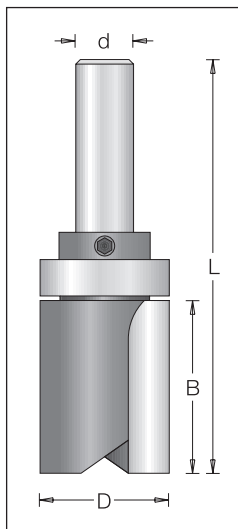
Aluminum



Composites

Solid Surface Materials

Trimming Bit



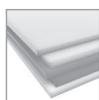
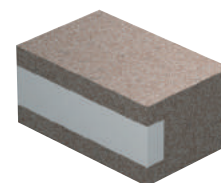
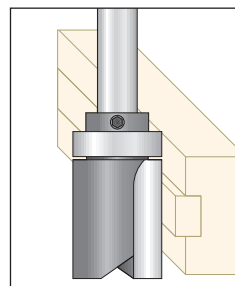
øD	B	Code No.	L	ød	Z
28.6	38.1	1072399	92	12	2

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 018 0
12.7x28.6x8



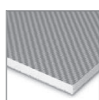
Plastic



Solid Surface
Materials

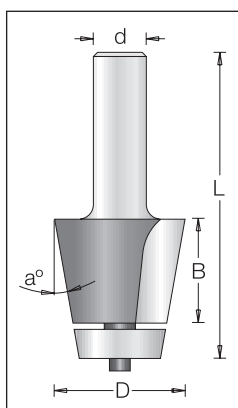


Aluminum



Composites

Bevel Bit



øD	a	B	Code No.	L	ød		Z
32	12°	25.4	1510049	80	12	A	2
39	12°	32.0	1510109	78	12	B	2

⚠ Can be supplied with 1/2" shank.

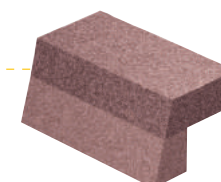
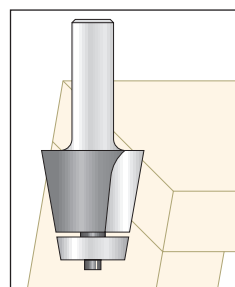
Spare Parts:



A.Molded Bearing
#191 932 0S
21.8x6.3x5.7x10°

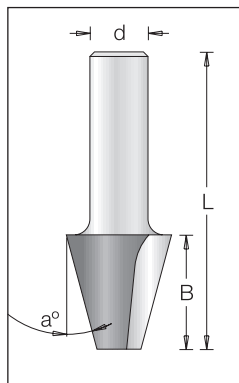


B.Molded Bearing
#191 999 0S
25.4x6.3x8.2x5°



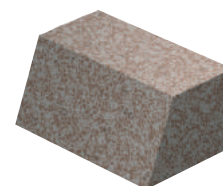
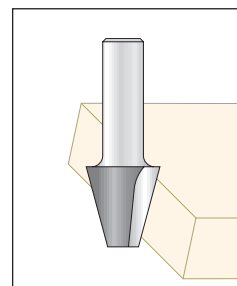
Solid Surface Materials

Bevel Bit

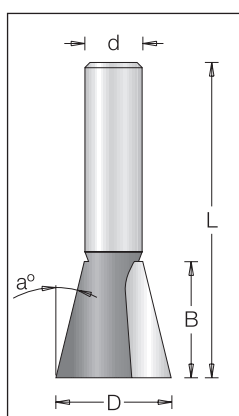


øD	a	B	Code No.	L	ød	Z
24	15°	25.4	1031139	65	12	2

⚠ Can be supplied with 1/2" shank.

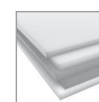
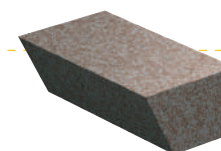
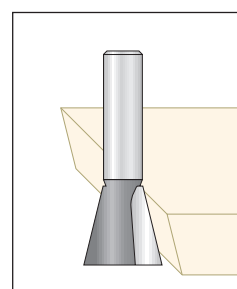


Bevel Bit



øD	a	B	Code No.	L	ød	Z
25.4	14°	25.4	1040259	69	12	2

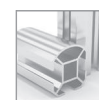
⚠ Can be supplied with 1/2" shank.



Plastic

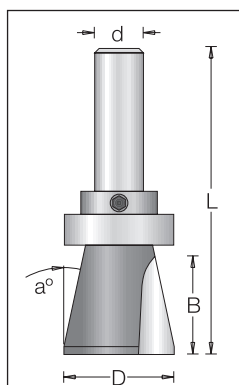


Solid Surface Materials



Aluminum

Bevel Bit



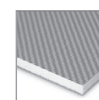
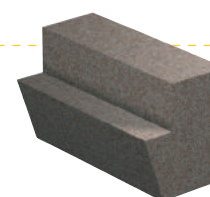
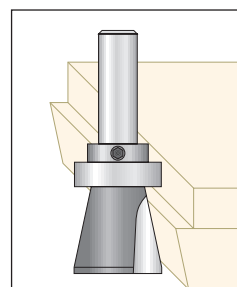
øD	a	B	Code No.	L	ød	Z
28.6	12°	26	1612449	79.4	12	2

⚠ Can be supplied with 1/2" shank.

Spare Parts:



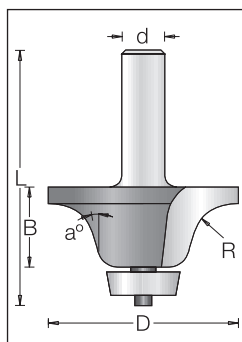
Ball Bearing
#191 018 0
28.6x12.7x8



Composites

Solid Surface Materials

Rounding Over Bowl Bit



øD	a	B	Code No.	R	L	ød	Z
55	15°	25.4	1520039 ■	13	75	12.0	2
61	15°	32.0	1520049 ■	14	86	12.0	2

■ Available upon request

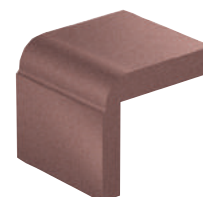
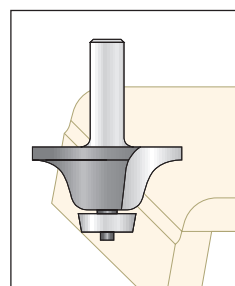
Spare Parts:



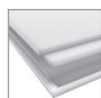
Molded Bearing

#191 932 0S

21.8x6.3x5.7x10°



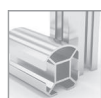
Bevel Guided Bit



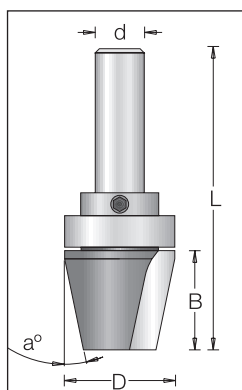
Plastic



Solid Surface Materials



Aluminum



øD	a	B	Code No.	L	ød	Z
28.6	12°	25.4	1612249	77.8	12	2



Can be supplied with 1/2" shank.

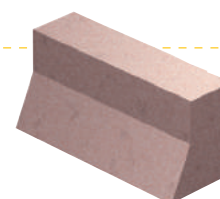
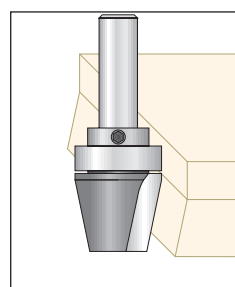
Spare Parts:



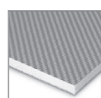
Ball Bearing

#191 018 0

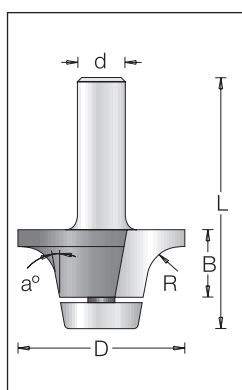
28.6x12.7x8



Bevel Guided Bit



Composites



øD	a	B	Code No.	R	L	ød	Z
45.2	17°	18.2	1530059	9.5	63.5	12	2
51.0	17°	18.2	1530069	12.7	63.5	12	2
54.0	17°	25.4	1530079	12.7	71.5	12	2
57.0	17°	24.0	1530089	19.0	76.0	12	2
60.5	12°	22.2	1530099*	14.2	79.0	12	2



Can be supplied with 1/2" shank.

Spare Parts:



Molded Bearing

#191 936 5S

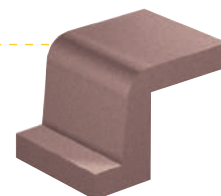
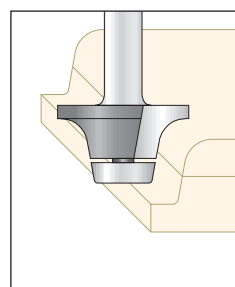
22.2x6.3x5.7x10°



Molded Bearing*

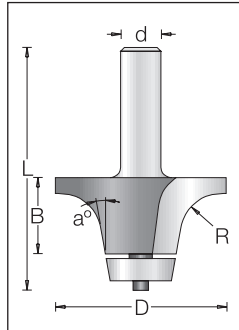
#191 999 0S

25.4x6.3x8.2x5°



Solid Surface Materials

Undermount Bowl Bit



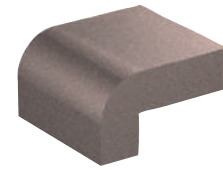
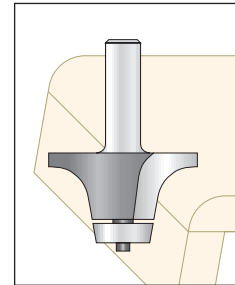
øD	a	B	Code No.	R	L	ød	Z
54	18°	25.4	1530039	13	79	12	2
57	18°	32.0	1530049	14	85	12	2

⚠ Can be supplied with 1/2" shank.

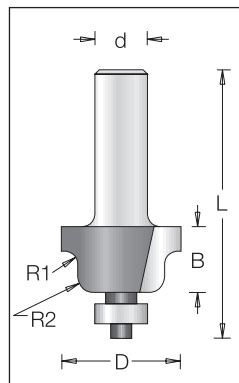
Spare Parts:



Molded Bearing
#191 932 0S
21.8x6.3x5.7x10°



Roman Ogee Bit



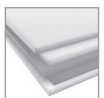
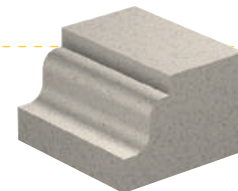
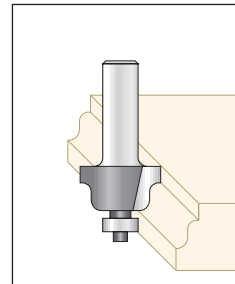
øD	B	Code No.	R1	R2	L	ød	Z
28.6	16	1130109	3.2	4	63	12	2

⚠ Can be supplied with 1/2" shank.

Spare Parts:



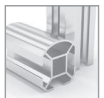
Molded Bearing
#191 935 0S
12.7x4.7x5.7



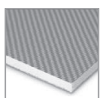
Plastic



Solid Surface
Materials

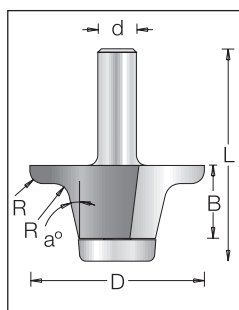


Aluminum



Composites

Undermount Bowl Bit



øD	a	B	Code No.	R1	R	L	ød	Z
57	13°	24	1530109 ■	4	5	71	12	2

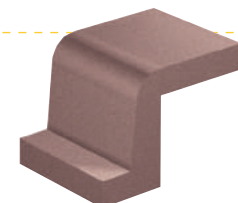
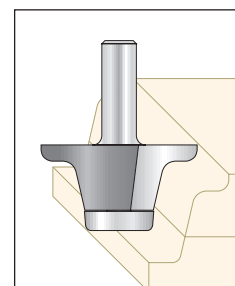
■ Available upon request

⚠ Can be supplied with 1/2" shank.

Spare Parts:

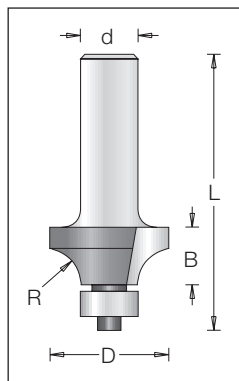


Molded Bearing
#191 999 0S
25.4x6.3x8.2x5°



Solid Surface Materials

Corner Rounding Bit



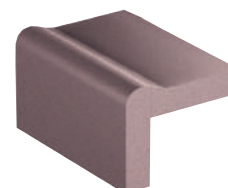
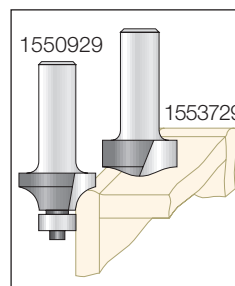
øD	R	B	Code No.	L	ød	Z
28.6	8	13.5	1550923	52	6	2
	8	13.5	1550929	61	12	2

⚠ Can be supplied with 1/4" shank.
Can be supplied with 1/2" shank.

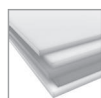
Spare Parts:



Molded Bearing
#191 935 0S
12.7x4.8x5.2



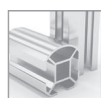
Corner Top Bit - No Drip



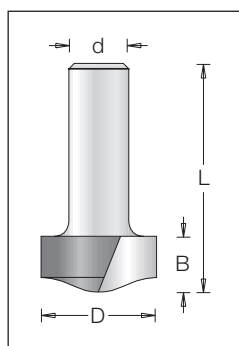
Plastic



Solid Surface
Materials

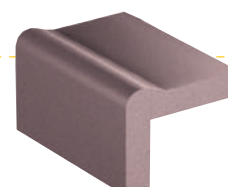
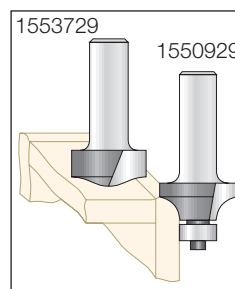


Aluminum

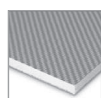


øD	B	Code No.	L	ød	Z
25.4	12.7	1553729	54	12	2

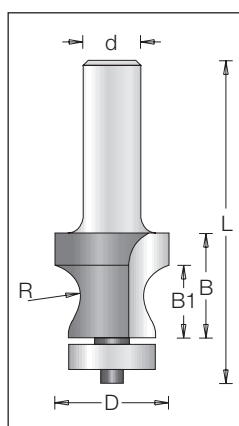
⚠ Can be supplied with 1/2" shank.



Corner Top Bit - No Drip



Composites



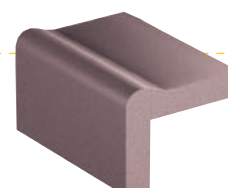
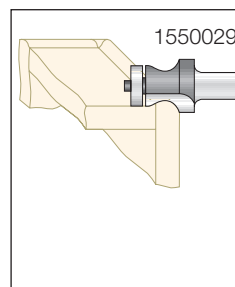
øD	R	B	Code No	B1	L	ød	Z
25	8	23	1550029	16	77	12	2
	8	29	1550039	24	83	12	2

⚠ Can be supplied with 1/2" shank.

Spare Parts:

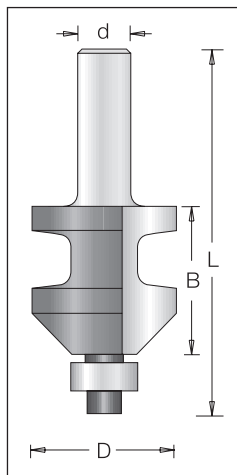


Molded Bearing
#191 934 0S
12.7x4.8x5.2



Solid Surface Materials

Bevel Hob Bit



øD	B	Code No.	L	ød	Z
35	36	1564109 ■	89	12	2

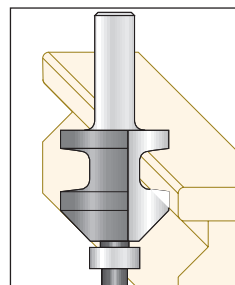
■ Available upon request

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Ball Bearing
#191 005 0
16x6.3x5

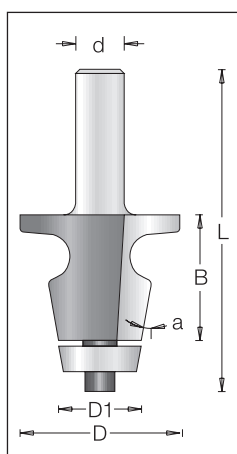


Advanced Materials



Plastic

Under Mount Profile Bowl Bit



øD	B	Code No.	R	a	L	ød	Z
42	33	1554109 ■	6	11°	83	12	2

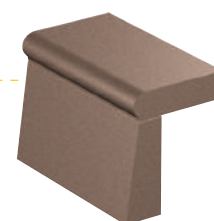
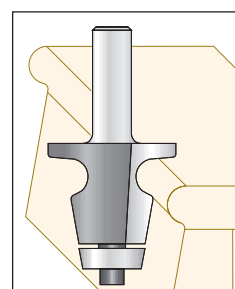
■ Available upon request

⚠ Can be supplied with 1/2" shank.

Spare Parts:



Molded Bearing
#191 932 05
21.8x6.35x5.7x10°



Solid Surface
Materials



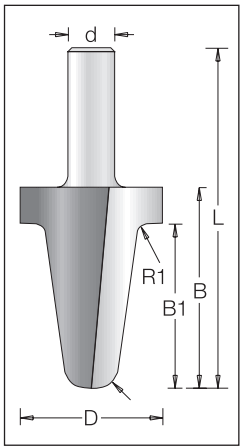
Aluminum



Composites

Solid Surface Materials

Upostand Bit

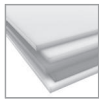
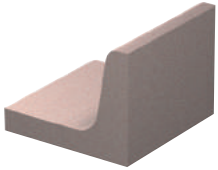
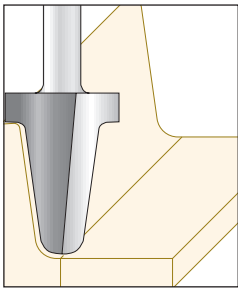


øD	B	B1	Code No.	R	R1	L	ød	Z
39	40	30	1564019	■ 6	3	78	12	2
	55	45	1564059	■ 6	3	93	12	2

■ Available upon request



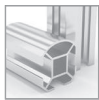
Can be supplied with 1/2" shank.



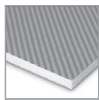
Plastic



Solid Surface
Materials

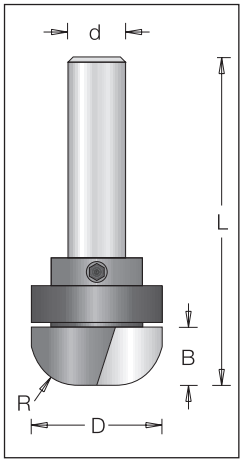


Aluminum



Composites

Coving Bit



øD	B	Code No.	R	L	ød	Z
28.6	12.7	1062809	10	73	12	2

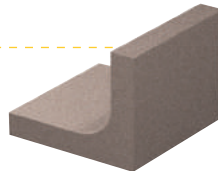
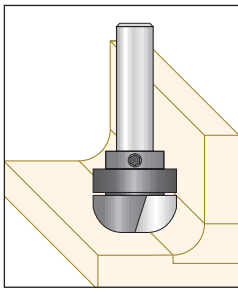


Can be supplied with 1/2" shank.

Spare Parts:

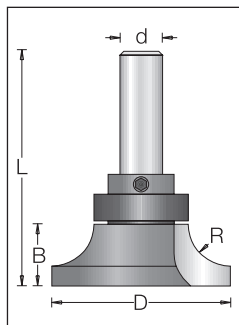


Molded Bearing
#191 944 0
28.6x15x8.5



Solid Surface Materials

Inverted (Under-Cut) Round Over Bit



øD	R	B	Code No.	L	ød	n	Z
54.0	12.7	20.0	1592039	73	12		2
67.0	19.0	25.4	1592069	77	12	18,000	2

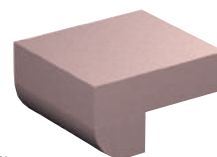
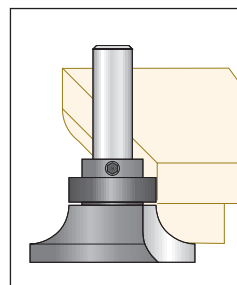
Max.
RPM



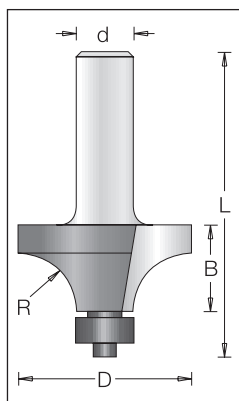
Can be supplied with 1/2" shank.



Molded Bearing
#191 944 0
28.6x15x8.5



Round Over Bit



øD	R	B	Code No.	L	ød	Z
38.1	12.7	19.0	1590039	65	12	2
51.0	19.0	25.4	1590069	73	12	2

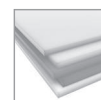
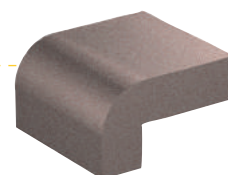
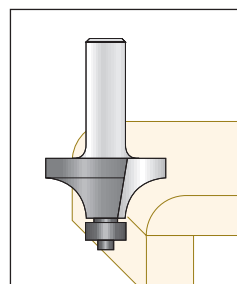


Can be supplied with 1/2" shank.

Spare Parts:



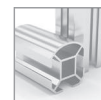
Molded Bearing
#191 935 0S
12.7x4.7x5.7



Plastic

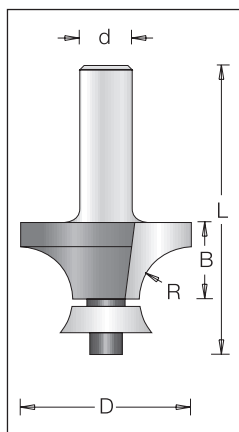


Solid Surface
Materials



Aluminum

Round Over Bit



øD	R	B	Code No.	L	ød		n	Z
41.6	12.7	18.7	1594019	68.4	12	A	18,000	2
54.2	19.0	25.0	1594059	76.0	12	B	18,000	2
67.0	25.4	31.4	1594109	92.0	12	C	18,000	2

Max.
RPM



Can be supplied with 1/2" shank.

Spare Parts:



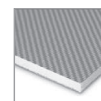
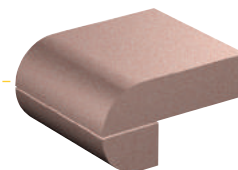
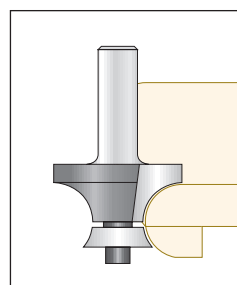
A.Molded Bearing
#191 996 0S
21.4x6.3xR12.7



B.Molded Bearing
#191 997 0S
19.4x6.3xR19



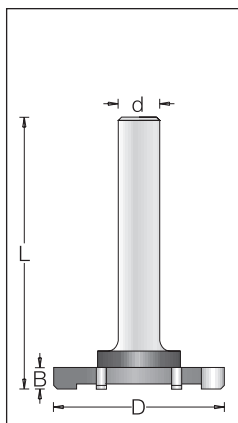
C.Molded Bearing
#191 998 0S
18.5x6.3xR25.4



Composites

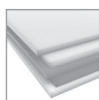
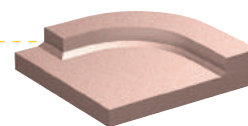
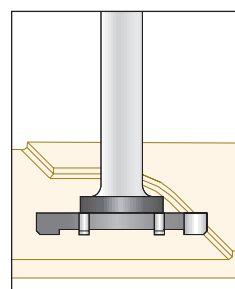
Solid Surface Materials

Six Wing Trimmer



øD	B	Code No.	L	ød	Z
52	6.5	1600055 ■	83	8	6
	6.5	1600059	83	12	6

■ Available upon request



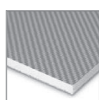
Plastic



Solid Surface
Materials



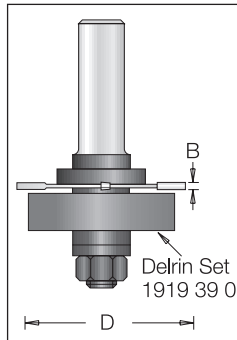
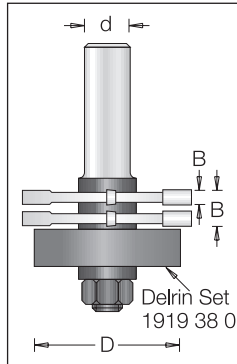
Aluminum



Composites

Solid Surface Materials

Tongue & Groove - Jointing Set



	øD	B	Code No.	L	ød
Complete	47.7	10.0	1084409	76.2	12
Cutter (x2)	47.7	4.0	1080850		
Cutter	47.7	2.0	1080760		

Can be supplied with 1/2" shank.

Spare Parts:



Arbor & Nut
#190 004 9
L=76.2



Molded Bearing
#191 938 0
8x43x9.6



Molded Bearing
#191 939 0
8x40.7x10.5



Spacer
#192 016 0
6x16



Spacer
#192 050 0
0.05x16



Spacer
#192 100 0
0.1x16



Spacer
#192 011 0
1x16



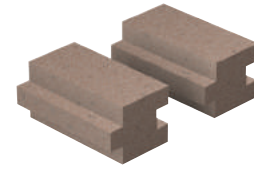
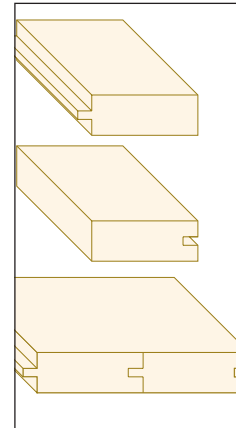
Spacer
#192 015 0
3x16



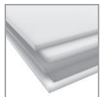
Spacer
#192 040 0
3.15x16



Spacer
#192 022 0
4.5x25



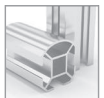
Advanced Materials



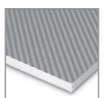
Plastic



Solid Surface
Materials

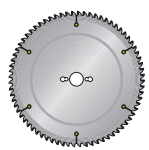
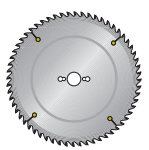
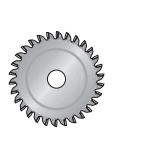
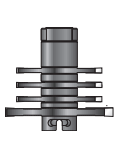


Aluminum

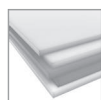
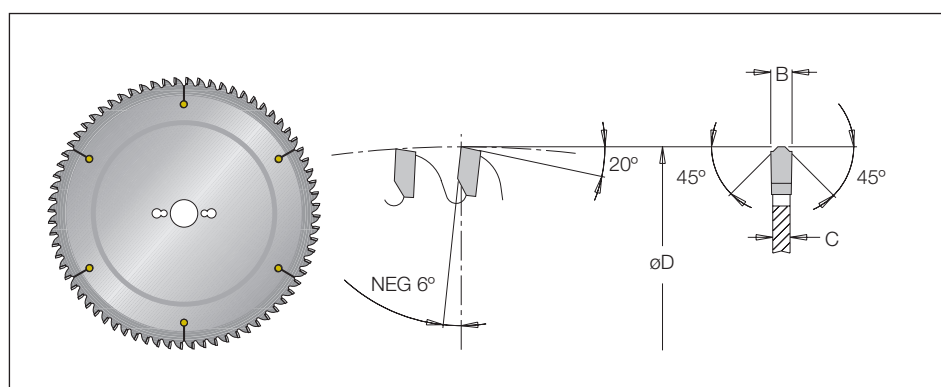


Composites

Aluminum

					
350	351	351	352	352	353

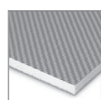
Aluminum Profiles Saw Blade, MESAN, MFSAN



Plastic

Solid Surface
Materials

Aluminum



Composites

øD	Teeth	Code No.	B	c	n	m/min	ød	
150	48	90202433 ■	2.8	2.2	5000-8900	12-21	20	MFSAN
160	48	90202443	2.8	2.2	4700-8300	11-20	20	MFSAN
180	58	90202486	2.8	2.2	4200-7400	12-21	30	MFSAN
184	58	9020245E ■	2.8	2.2	4100-7200	12-21	16	MFSAN
	58	90202453 ■	2.8	2.2	4100-7200	12-21	20	MESAN
190	60	90202493	2.8	2.2	4000-7000	12-21	20	MFSAN
	60	90202496	2.8	2.2	4000-7000	12-21	30	MFSAN
200	48	90200706	2.8	2.2	3800-6600	9-16	30	MESAN
	64	90202506	2.8	2.2	3800-6600	12-21	30	MFSAN
216	64	90202566	2.8	2.2	3500-6100	11-20	30	MFSAN
230	60	90202606	2.8	2.2	3300-5800	10-17	30	MESAN
235	60	90202636	2.8	2.2	3200-5600	10-17	30	MFSAN
250	60	90200806	3.2	2.6	3000-5300	9-16	30	MESAN
	80	90202706	3.2	2.6	3000-5300	12-21	30	MFSAN
	100	90202756	3.2	2.6	3000-5300	15-27	30	MFSAN
275	72	90200857	3.2	2.6	2700-4800	10-17	32	MESAN
300	72	90200906	3.2	2.6	2500-4400	9-16	30	MESAN
	96	90202806	3.2	2.6	2500-4400	12-21	30	MFSAN
330	80	90200957	3.2	2.6	2300-4000	9-16	32	MESAN
	102	90202857	3.2	2.6	2300-4000	12-20	32	MFSAN
350	84	90201006	3.2	2.6	2100-3800	9-16	30	MESAN
	108	90202906	3.2	2.6	2100-3800	11-21	30	MFSAN
380	100	90202956	2.8	2.2	2000-3500	10-18	30	MESAN
400	96	90201106	3.8	3.2	1900-3300	9-16	30	MESAN
	120	90203006	3.8	3.2	1900-3300	11-20	30	MFSAN
420	96	90203406	4.0	3.4	1800-3100	9-15	30	MESAN
450	108	90204006	4.0	3.4	1600-2900	9-16	30	MESAN
	120	90204106	4.0	3.4	1600-2900	10-17	30	MFSAN
500	120	90204206	4.4	3.8	1500-2600	9-16	30	MESAN

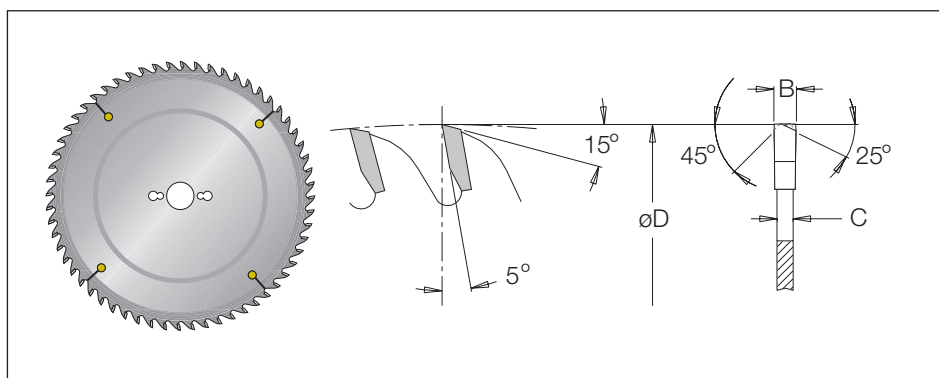
■ Available upon request



The material must be clamped firmly to the table on both sides during cutting operation.

Aluminum

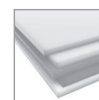
Aluminum Bars Saw Blade, META,META,MFTA



øD	Teeth	Code No.	B	C	n	m/min	ød	
300	80	90254006 ■	3.4	2.8	2500-4400	20-35	30	MFTA
450	100	90250406 ■	4.0	3.4	1600-2900	16-29	30	META
550	120	90250606	4.4	3.8	1400-2400	16-28	30	META
	100	90256066 ■	4.4	3.8	1400-2400	14-24	30	MCTA

■ Available upon request

Advanced Materials



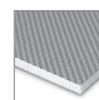
Plastic



Solid Surface
Materials

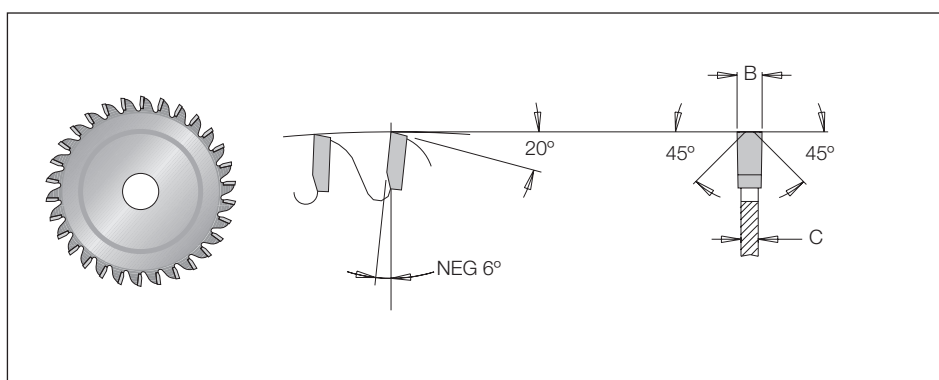


Aluminum



Composites

Milling Saw Blade, MEHAN



øD	Teeth	Code No.	B	c	n	ød
100	24	90200511	3.9	3.2	7600-13000	15.87
	30	90200551	3.9	3.2	7600-13000	15.87
115	24	9020061A	3.9	3.2	6600-11600	22.2
	30	9020063A	3.9	3.2	6600-11600	22.2

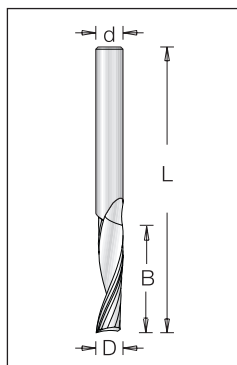


To be used manually with mini grinder.

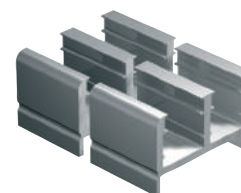
Used extensively in the boat building industry for milling, that is cleaning up, grooving of aluminum welds and cutting out welding tacks.

Aluminum

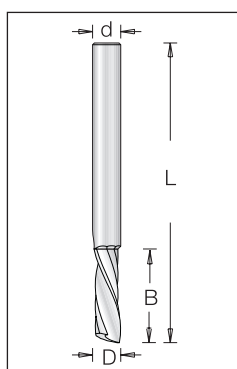
Single Spiral O Flute, Up Shear Angle, Mirror Finish



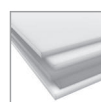
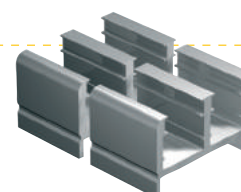
D	B	Code No.	L	ød
3.2	8.0	185510z	40	3.2
4.75	12.7	1855224	50	6.35
6.35	16.0	1855304	50	6.35



Single Spiral O Flute, Down Shear Angle, Mirror Finish



D	B	Code No.	L	ød
3.2	8.0	185410z	40	3.2
4.75	12.7	1854224	50	6.35
6.35	16.0	1854304	50	6.35



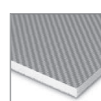
Plastic



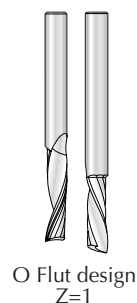
Solid Surface
Materials



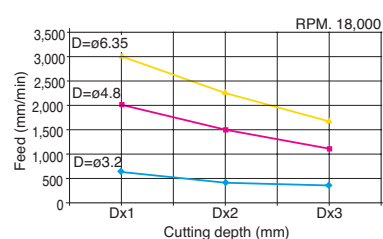
Aluminum



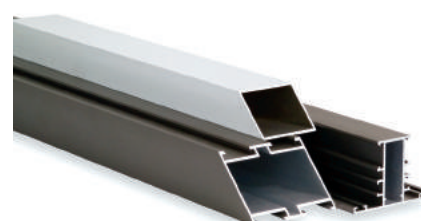
Composites



O Flut design
Z=1



R.P.M. = 18,000

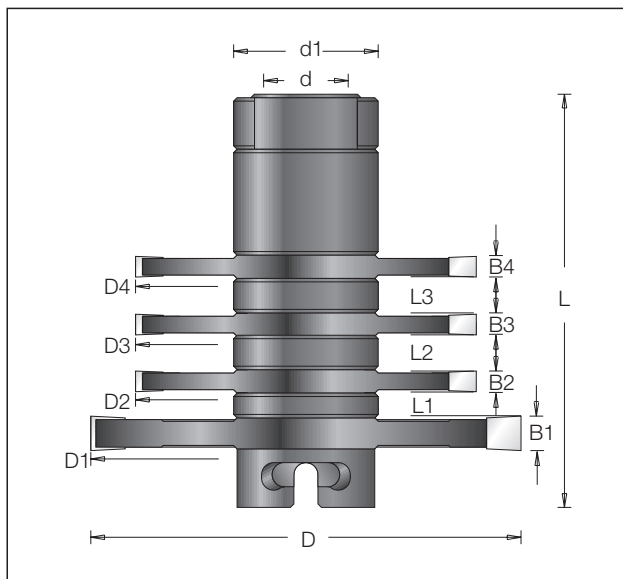


Aluminum

Aluminum

Custom & Milling Head

Special head made from steel sleeve and brazed cutter according to customer definition.



Special tools for working on aluminium profiles.

To order single cutters indicate diameter, width and bore.

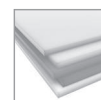
To order sets supply a drawing of the requested cutter profile, dimensions; diameter, width and bore as well as the dimensions between the cutters.

$d = \dots, d1 = \dots, L = \dots$

$D1 = \dots, B1 = \dots, L1 = \dots$

$D2 = \dots, B2 = \dots, L2 = \dots$

Advanced Materials



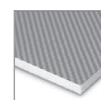
Plastic



Solid Surface
Materials

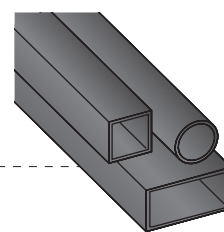
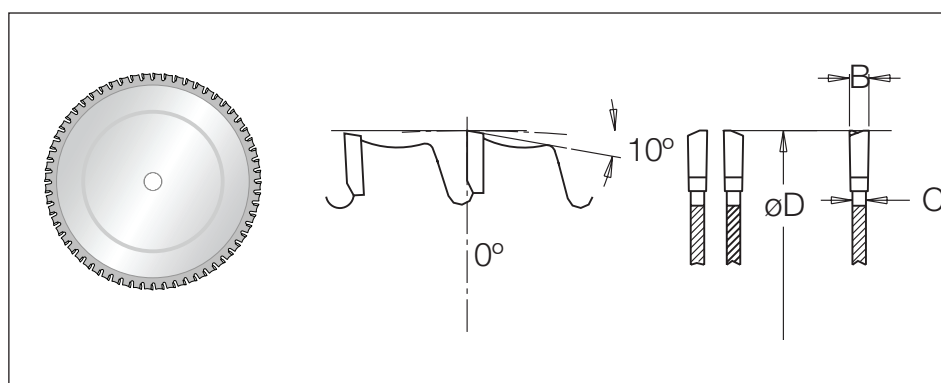


Aluminum



Composites

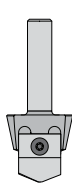
Metal Saw Blade, MEZB,MFZB

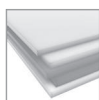


øD	Teeth	Code No.	B	c	n. Max.	ød	
185	36	90209013	2.2	1.8	1,800	20.0	MEZB
305	60	90210005	2.2	1.8	1,800	25.4	MWZB
305	80	90210055	2.2	1.8	1,800	25.4	MFZB
355	80	90210105	2.4	2.0	1,800	25.4	MFZB

ACM

ACM Aluminum Combined With Plastics

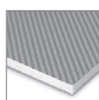
				
#1050	#1060	#1060	#5548	#G1853
355	356	356	357	7126



Plastic

Solid Surface
Materials

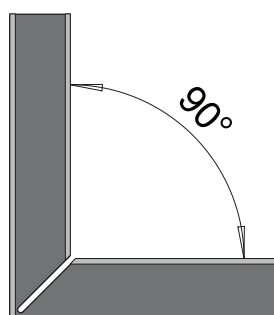
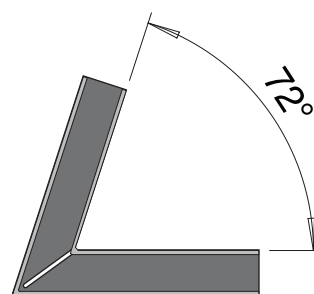
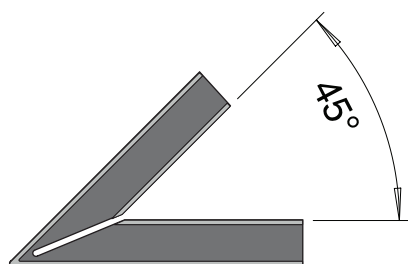
Aluminum



Composites

Folding Routers, Cutters & Saws for Aluminum Combined with Plastics

A complete set of tools for folding applications in sandwich board consisting of aluminum and plastics, such as Alucobond or Dibond. To be used with a variety of machines and power tools: Table saws, manual circular saws, CNC machines and routers.

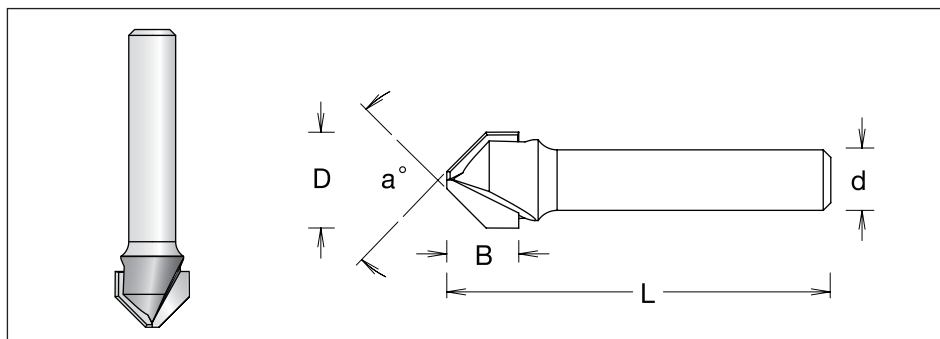


Max banding up to
180°

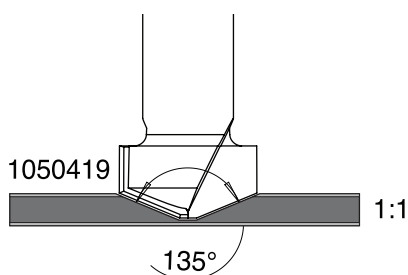
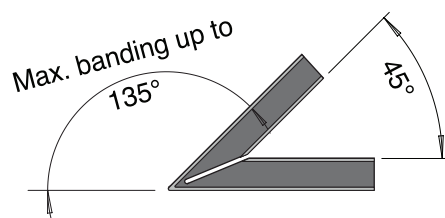
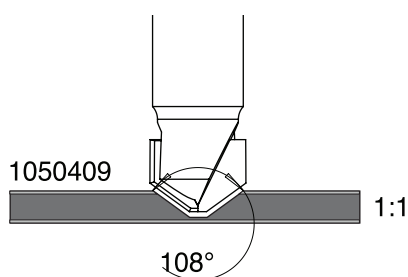
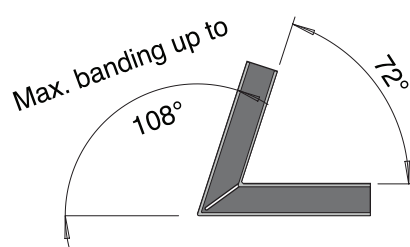
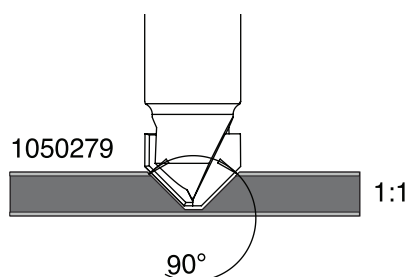
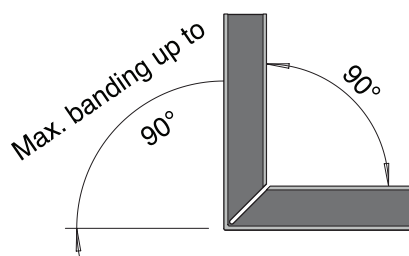


Folding Router for Routing Machines

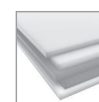
NEW



øD	Code No.	a°	B	Z	L	ød	n
12.7	1050265	90°	9.5	2	50.8	8	28,000
	1050279	90°	9.5	2	50.8	12	28,000
	1050405	108°	11.5	2	50.8	8	28,000
	1050409	108°	11.5	2	62.0	8	28,000
18.2	1050419	135°	9.5	2	52.0	12	28,000



Advanced Materials



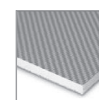
Plastic



Solid Surface
Materials



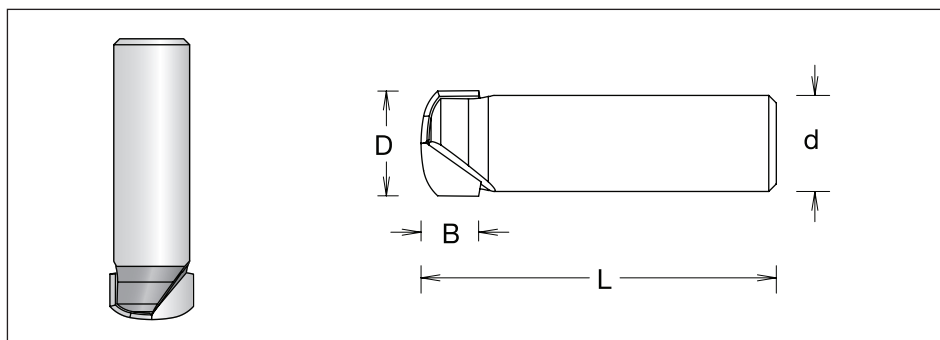
Aluminum



Composites

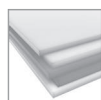
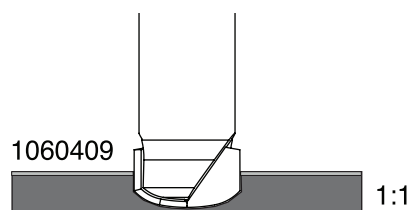
Folding Router for 180° Bending

NEW



øD	Code No.	B	Z	L	ød	n
14.0	1060479	7.5	2	47	12	28,000

Max banding up to
180°



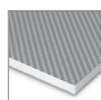
Plastic



Solid Surface
Materials



Aluminum

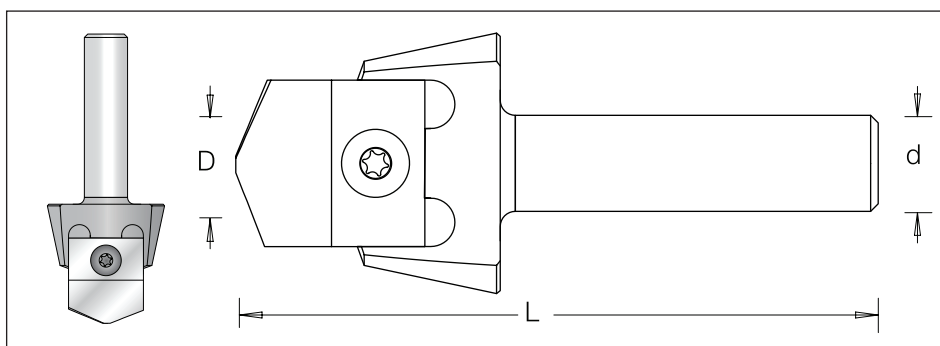


Composites

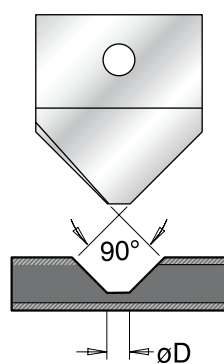
Folding Router with Replaceable Inserts

For use on CNC machines.

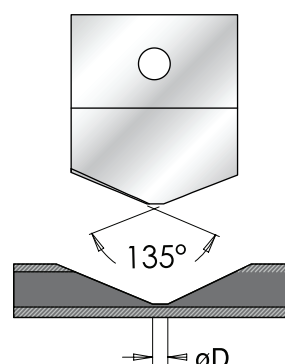
NEW



øD	Code No.	Z	L	ød	n
22	G1853x19	2	85	12	24,000



Code No.	D
3185100	3.27

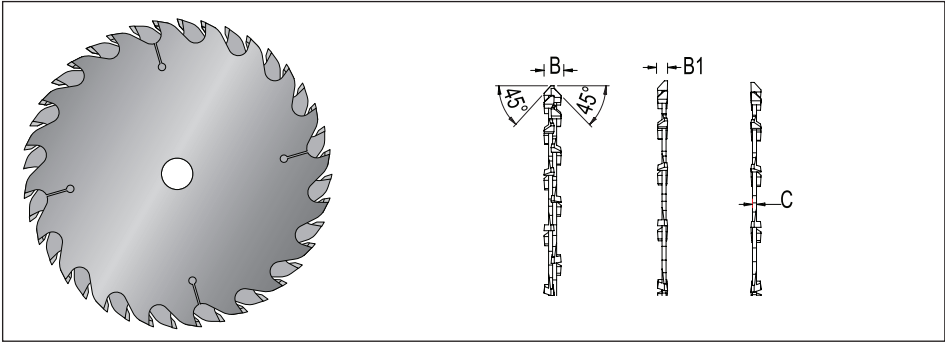


Code No.	D
3185106	2.0



Adjustable Folding Saw Blade

NEW



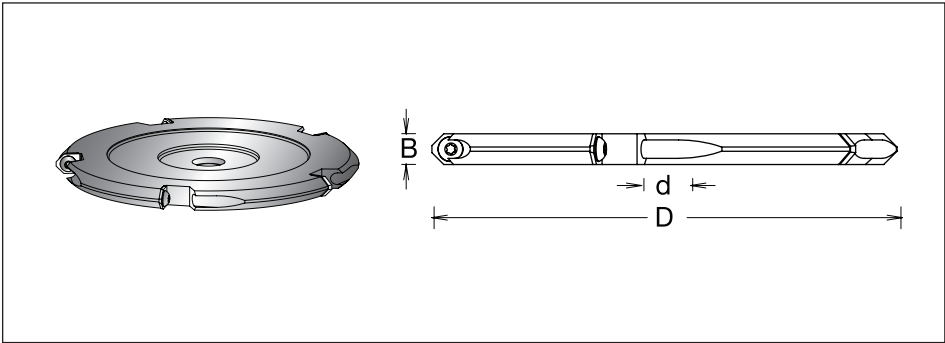
øD	Code No.	B	B1	Z	C	ød	n
250	5548061	10.2	6	2	2.4	25.4	7,600-5,300

Advanced Materials

Folding Cutter with Replaceable Inserts

For use with manual sawing machines.

NEW



øD	Code No.	B	Z	ød	n
152.4	712685Z	10.1	5	5/8»	9,000

Spare Parts:



T.C. Blade
#3208569
12X10X2



Torx screw
#19314828
M4x5.6



Torx key
#1941015
T15



Plastic



Solid Surface
Materials



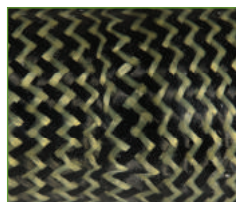
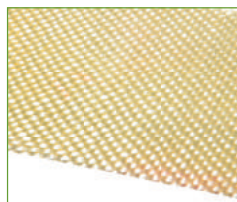
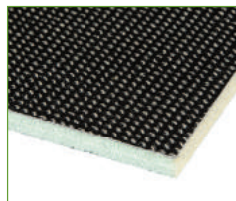
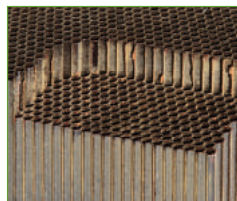
Aluminum



Composites

Composites

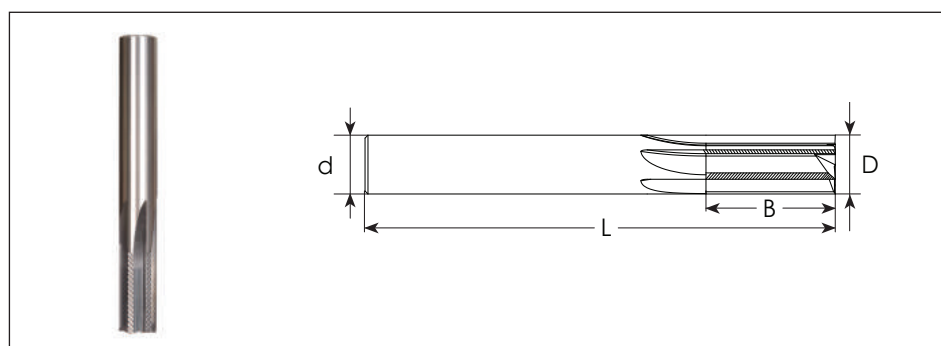
Composites



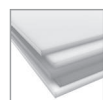
						
#7301	#73003	#7300	#1301	#7300	#9580	#7303
358	358	359	360	360	361	361

Aramid Endmill

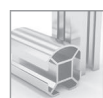
Solid carbide straight router suitable for sizing and pocket milling of honeycomb parts, combined with AFRP layers. Nano grain carbide with super finish grinding for maximum durability against wear.

NEW


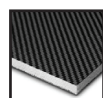
øD	B	L	d	No. of Flutes	Uncoated
6	16	60	6	2+2	73011013
10	22	80	10	2+2+2	73011027



Plastic


 Solid Surface
Materials


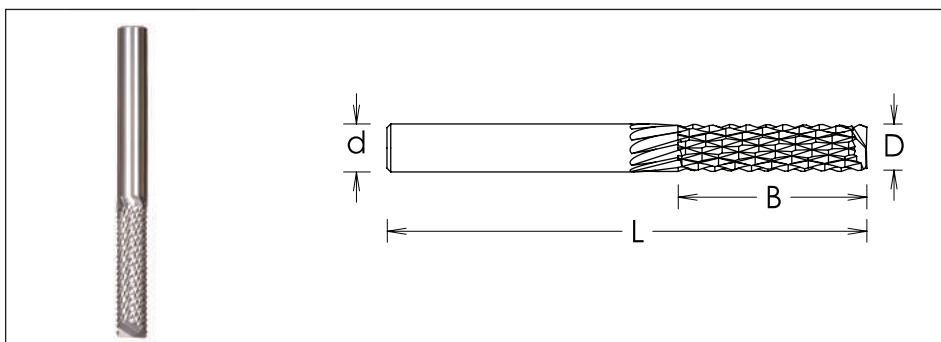
Aluminum



Composites

Burrs Tools

Solid tungsten carbide endmill suitable for sizing ,pockets and milling holes, roughfinish. For use on routers and machining centers with or without CNC systems.

NEW


Flat end



Fish tail end



Multi flutes end



Drill point end

øD	Flat end	Fish tail end	Multi flutes end	Drill point end	B	L	ød
6.35	73001284	73001364	73001444	73001714	25.4	63.5	6.35
9.52	73001316	73001396	73001476	73001746	38.1	82.5	9.52
12.7	73001328	73001408	73001488	73001778	50.8	101.6	12.7

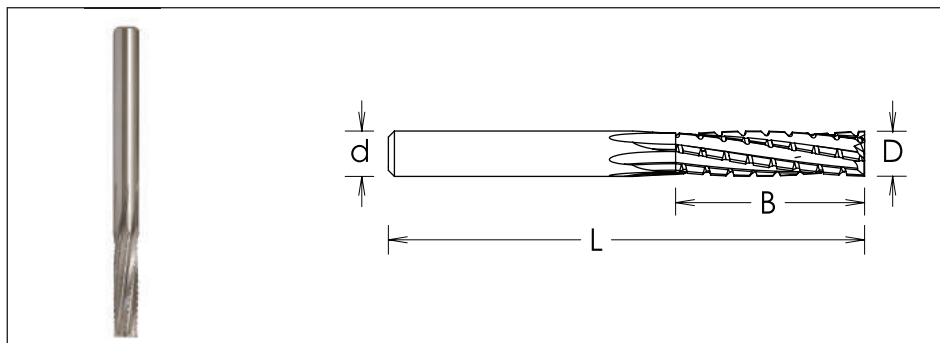
Composites



Multi Flutes Endmill - Up Shear

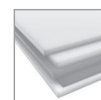
Solid tungsten carbide endmill suitable for sizing ,pockets and milling holes, finefinish.
Upcut spiral for optimum chip flow and improved finish on the bottom of the FRP parts.For use on routers and machining centers with or without CNC systems.

NEW



ϕD	Uncoated	CA Coating	B	Z	L	ϕd
6.35	73003054	CA73003054	25.4	6	63.5	6.35
7.94	7300306Z	CA7300306Z	32.0	9	76.0	7.94
9.52	73003076	CA73003076	38.1	10	82.5	9.52
12.7	73003088	CA73003088	50.8	12	101.6	12.7

Advanced Materials

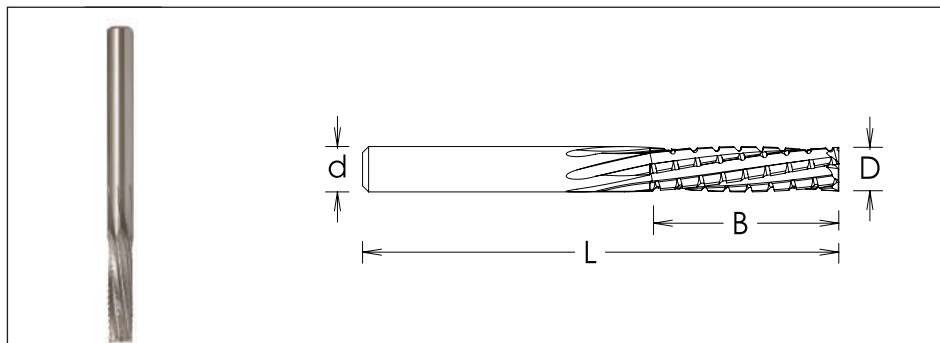


Plastic

Multi Flutes Endmill - Down Shear

Solid tungsten carbide endmill suitable for sizing ,pockets and milling holes, fine finish. Upcut spiral for optimum chip flow and improved finish on the bottom of the FRP parts.For use on routers and machining centers with or without CNC systems.

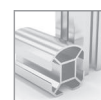
NEW



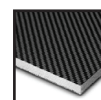
ϕD	Uncoated	CA Coating	B	Z	L	ϕd
6.35	73005054	CA73005054	25.4	6	63.5	6.35
7.94	7300506Z	CA7300506Z	32.0	9	76.0	7.94
9.52	73005076	CA73005076	38.1	10	82.5	9.52
12.7	73005088	CA73005088	50.8	12	101.6	12.7



Solid Surface
Materials



Aluminum



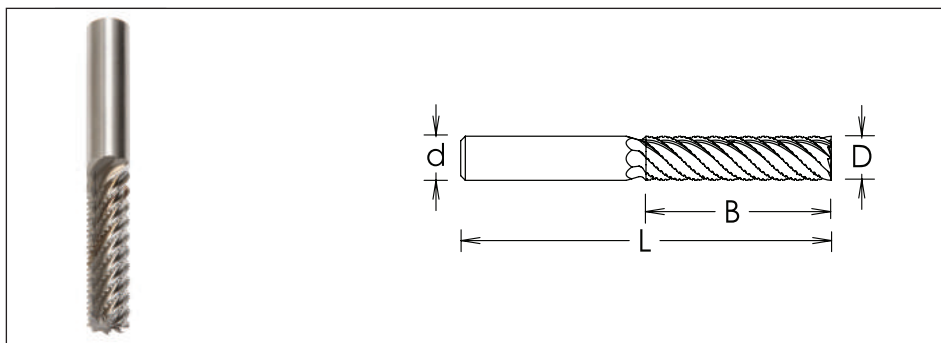
Composites

Composites

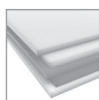
Hogger End Mill

NEW

Solid tungsten carbide endmill, suitable for sizing and flatness of honey comb parts. Carbide will offer maximum durability. For use on routers and machining centers with or without CNC systems.



øD	Uncoated	B	Z	L	ød
6.35	73017204	25.4	3	63.5	6.35
9.52	73017216	38.1	4	76	9.52
12.7	73017228	50.8	5	101.6	12.7



Plastic



Solid Surface
Materials



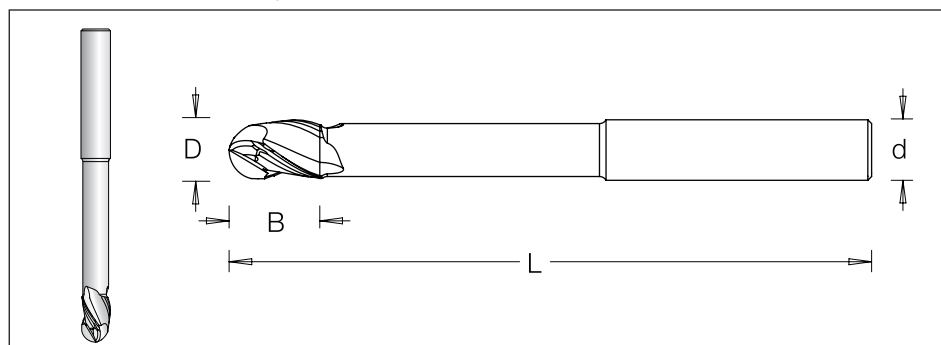
Aluminum



Composites

Ball Nose End Mill

Solid tungsten carbide router, suitable for round corner, edges, pockets and 3D curving. For use in all types of materials such as MDF, plastics and aluminium. All tools made with neck clearance for deep cuts.

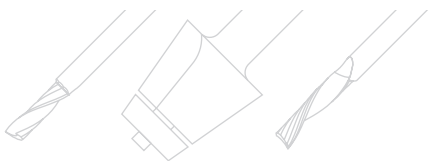


NEW

øD	Code No.	B	Z	L	ød	n
6.0	SO1063763	9.0	3	80.0	6	
8.0	SO1063775	12.0	3	85.0	8	
10.0	SO1063787	15.0	3	100.0	10	
12.0	SO1063799	16.0	3	100.0	12	

øD	Uncoated	B	Z	L	ød
6.35	73034064	9.52	3	76.0	6.35
7.95	7303407Z	12.7	3	88.9	7.94
9.52	73034086	15.87	3	101.6	9.52
12.7	73034098	19.05	3	127	12.7

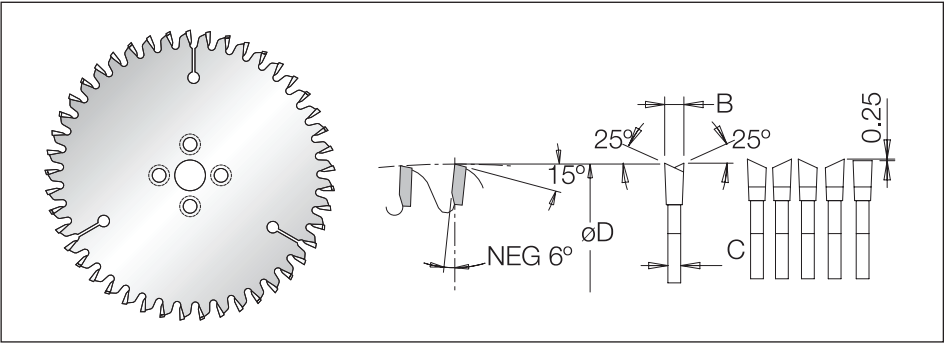
Composites



Solid Carbide Tipped Disk

NEW

Solid carbide tipped disk mounted on an arbor. Suitable for straight, fast cutting of edges at variable heights. Can be used on 5-axis CNC machines. Ideal for use on honeycomb parts with outer layer of GFRP- Glass Fiber Reinforced Thermosetting Plastics, CFRP- Carbon Fiber Reinforced Thermosetting Plastics, diamond and AFRP –Aramid Fiber Reinforced Plastics.

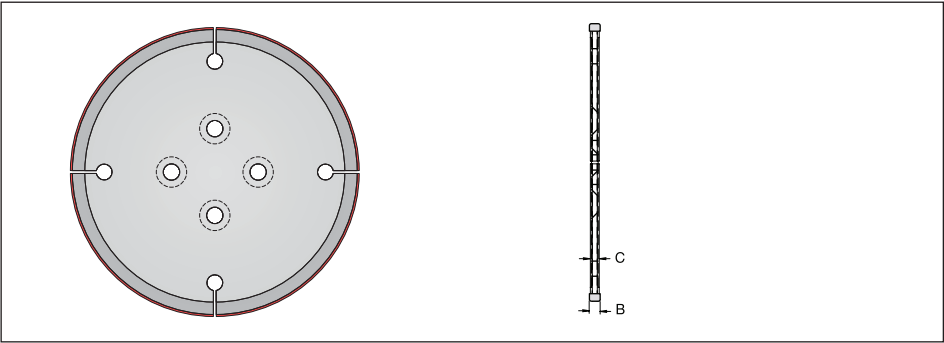


ØD	B	Code No.	c	Teeth	ød	⌀
100	2.4	95801611	1.8	30	15.87	4x7.1xØ30
150	2.4	95801621	1.8	45	15.87	4x7.1xØ30

Electro-Plated Diamond Disk

NEW

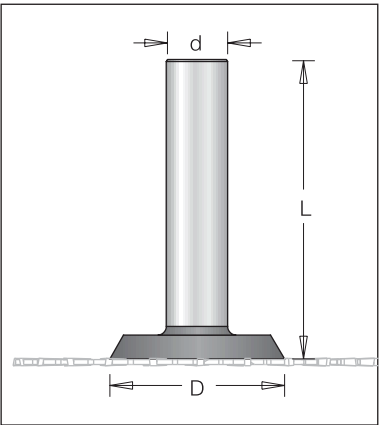
Electro-plated diamond disk mounted on an arbor. Suitable for straight, fast cutting of edges at variable heights. Can be used on 5-axis CNC machines. Ideal for GFRP- Glass Fiber Reinforced Thermosetting Plastics and CFRP- Carbon Fiber Reinforced Thermosetting Plastics. Diamond grain size can be adapted to the cutting quality required.



ØD	B	Code No.	c	ød	⌀	n
100	3.0	73033161	2.0	15.87	4x6.5xØ30	4x6.5xØ30
150	3.0	73033171	2.6	15.87	4x5.3xØ30	4x5.3xØ30

CNC Arbor

NEW



ØD	ØD1	Code No.	L	⌀	ød
45.0	15.87	1901218	82.55	4xM5xØ30	12.7
40.0	15.87	1902292	150.0	4xM5xØ30	19.05
40.4	15.87	1902290	150.0	4xM5xØ30	20.0

Spare Parts:



Advanced Materials



Plastic



Solid Surface Materials



Aluminum



Composites

Index

Index

440071	219	615090	117	1010223	244	1040199	303
440082	219	615091	117	1010229	244	1040229	303
440094	219	615092	117	1010253	244	1040243	303
440119	219	615098	117	1010289	244	1040259	303
440125	219	615099	117	1010309	245	1040259	341
440143	219	615100	117	1010473	244	1040369	303
440155	219	615105	117	1011003	243	1040379	303
440164	219	615106	117	1011013	243	1040853	303
443001	219	615108	117	1013019	244	1040863	303
443003	219	615109	117	1013029	244	1040865	303
443004	219	615110	117	1014159	339	1041013	250
443005	219	615111	117	1014169	339	1042043	304
443007	219	615115	117	1014179	244	1042053	304
443008	219	615116	117	1014209	339	1042513	304
443010	219	615117	117	1019103	246	1043003	250
445001	219	615118	117	1019403	246	1050013	249
445003	219	641011	117	1019405	246	1050015	249
445005	219	641012	117	1019443	246	1050019	249
615001	117	641019	117	1019445	246	1050043	249
615002	117	641021	117	1019449	246	1050045	249
615003	117	641030	117	1019479	246	1050103	249
615004	117	641031	117	1019579	246	1050105	249
615005	117	643001	117	1020043	254	1050109	249
615006	117	643002	117	1020045	254	1050133	249
615007	117	650010	118	1020053	255	1050135	249
615008	117	650011	118	1020055	255	1050139	249
615009	117	650013	118	1020073	254	1050163	249
615010	117	650014	118	1020103	255	1050165	249
615011	117	650015	118	1020105	255	1050169	249
615012	117	650016	118	1020123	255	1050173	249
615030	117	650017	118	1020129	255	1050193	249
615031	117	650018	118	1021523	256	1050195	249
615032	117	650020	118	1021525	256	1050199	249
615040	117	650031	118	1022523	256	1050229	249
615041	117	650040	118	1022525	256	1050259	249
615042	117	650050	118	1023023	256	1050265	355
615043	117	1010013	244	1024523	257	1050279	355
615044	117	1010015	244	1024525	257	1050319	249
615046	117	1010043	244	1030013	247	1050405	355
615048	117	1010045	244	1030015	247	1050409	355
615049	117	1010073	244	1030043	247	1050419	355
615051	117	1010075	244	1030045	247	1052103	248
615053	117	1010079	244	1030065	247	1053043	320
615054	117	1010103	244	1030073	247	1053045	320
615055	117	1010105	244	1030075	247	1053509	84
615056	117	1010106	244	1030093	247	1053529	83
615060	117	1010109	244	1031139	341	1053569	83
615061	117	1010113	243	1040013	303	1053609	83
615062	117	1010119	243	1040015	303	1053619	83
615063	117	1010133	244	1040019	303	1053629	83
615064	117	1010135	244	1040043	303	1053649	83
615065	117	1010153	244	1040045	303	1053669	83
615070	117	1010155	244	1040049	303	1053689	83
615073	117	1010169	244	1040053	303	1053700	82
615074	117	1010179	245	1040055	303	1053800	82
615077	117	1010183	244	1040073	303	1053909	83
615078	117	1010185	244	1040109	303	1054009	83
615079	117	1010199	244	1040139	303	1054059	83
615080	117	1010209	245	1040169	303	1054069	83

Index

1060013	259	1066169	267	1070615	231	1072663	237
1060015	259	1066199	267	1070619	232	1072746	237
1060033	259	1066229	267	1070649	232	1072979	237
1060035	259	1070013	230	1070653	230	1073015	236
1060063	259	1070015	231	1070655	231	1073023	236
1060065	259	1070043	230	1070673	230	1073025	236
1060073	259	1070045	231	1070675	231	1073033	236
1060075	259	1070049	232	1070703	230	1073039	236
1060093	258	1070073	230	1070705	231	1073065	242
1060095	258	1070075	231	1070709	232	1073073	242
1060099	258	1070079	232	1070723	230	1073075	242
1060119	259	1070083	230	1070739	232	1073085	242
1060123	258	1070103	230	1070769	232	1073089	242
1060125	258	1070105	231	1070779	232	1073149	243
1060129	258	1070109	232	1070793	230	1073189	243
1060139	259	1070113	230	1070795	231	1073229	243
1060149	259	1070123	230	1070829	232	1073415	236
1060153	258	1070133	230	1070859	232	1073500	68
1060155	258	1070135	231	1070863	230	1073509	239
1060159	258	1070163	230	1070883	230	1073540	68
1060169	259	1070165	231	1070885	231	1073549	239
1060173	259	1070169	232	1070893	230	1073559	239
1060179	259	1070173	230	1070919	232	1073589	240
1060183	258	1070193	230	1070979	232	1073599	238
1060185	258	1070223	230	1070989	232	1073609	239
1060189	258	1070225	231	1071003	230	1073629	240
1060199	259	1070229	232	1071005	231	1073633	238
1060203	259	1070253	230	1071039	232	1073649	239
1060215	258	1070255	231	1071069	232	1073669	240
1060219	258	1070259	232	1071083	230	1073689	239
1060243	258	1070273	230	1071093	230	1073709	240
1060245	258	1070283	230	1071095	231	1073789	240
1060249	258	1070285	231	1071159	232	1073829	240
1060299	259	1070289	232	1071183	230	1073835	236
1060309	259	1070313	230	1071185	231	1073899	236
1060339	258	1070315	231	1071195	231	1073915	236
1060379	258	1070319	232	1071199	232	1074159	235
1060409	258	1070343	230	1071209	232	1074189	235
1060449	261	1070345	231	1071219	232	1074313	234
1060469	261	1070349	232	1071249	232	1074343	234
1060479	356	1070375	231	1071265	231	1074349	235
1060623	260	1070403	230	1071279	232	1074433	234
1060633	260	1070405	231	1071289	232	1074453	234
1060639	260	1070423	230	1071299	232	1074463	234
1060699	260	1070433	230	1071309	232	1074469	235
1062123	261	1070435	231	1071315	231	1074499	235
1062623	260	1070463	230	1071339	232	1074569	235
1062633	260	1070465	231	1071369	232	1074595	61
1062639	260	1070469	232	1071429	232	1074595	228
1062699	260	1070493	230	1071459	232	1074659	235
1062809	346	1070495	231	1072049	237	1074703	234
1063629	86	1070499	232	1072229	237	1074733	234
1063649	86	1070529	232	1072379	237	1074809	61
1063669	86	1070559	232	1072399	237	1074809	228
1063689	86	1070563	230	1072399	340	1074819	61
1066049	267	1070565	231	1072403	237	1074819	228
1066079	267	1070579	232	1072463	237	1074829	235
1066109	267	1070583	230	1072483	237	1074839	235
1066139	267	1070585	231	1072583	237	1074869	61

Index

Index

1074869	228	1076039	233	1080760	307	1090193	269
1074879	61	1076049	233	1080790	307	1090195	269
1074879	228	1076099	233	1080820	307	1090199	269
1074889	235	1076129	233	1080850	307	1090209	269
1074899	61	1076159	233	1080880	307	1090229	269
1074899	228	1076189	233	1080910	307	1090259	269
1074929	235	1076219	233	1082010	307	1090269	269
1075003	229	1076249	233	1082020	307	1090289	269
1075013	229	1076259	233	1082030	307	1090309	269
1075043	229	1076309	233	1082040	307	1090319	269
1075053	229	1076339	233	1082050	307	1090339	269
1075063	229	1076369	233	1082060	307	1090349	269
1075073	229	1076379	233	1082070	307	1090503	269
1075093	229	1076429	233	1083010	307	1090509	269
1075099	233	1076459	233	1083020	307	1092183	273
1075103	229	1076489	233	1083030	307	1092189	273
1075109	233	1076499	233	1083040	307	1092289	294
1075133	229	1077005	234	1083050	307	1099013	271
1075139	233	1077039	234	1083060	307	1099015	271
1075143	229	1077225	234	1083070	307	1099043	271
1075163	229	1077229	234	1084009	309	1099045	271
1075193	229	1077285	234	1084409	349	1099073	271
1075203	229	1077289	234	1084605	308	1099075	271
1075223	229	1077399	235	1084655	308	1099103	271
1075229	233	1077435	234	1084659	308	1099105	271
1075253	229	1077459	235	1086100	308	1099133	271
1075259	233	1077465	234	1086109	308	1099135	271
1075283	229	1077469	234	1086510	308	1099163	271
1075289	233	1077489	235	1086519	308	1099165	271
1075313	229	1077495	234	1086520	308	1099169	271
1075319	233	1077529	234	1086529	308	1099193	271
1075343	229	1077559	234	1086530	308	1099195	271
1075349	233	1077619	234	1086539	308	1099199	271
1075403	229	1077649	234	1086540	308	1099229	271
1075409	233	1077675	234	1086550	308	1099259	271
1075433	229	1077679	234	1086559	308	1099269	271
1075463	229	1077705	234	1089009	310	1099289	271
1075469	233	1077709	234	1089019	310	1099319	271
1075493	229	1077769	234	1090013	269	1099339	271
1075499	233	1077789	234	1090015	269	1100013	247
1075583	229	1077795	234	1090019	269	1100043	247
1075589	233	1077849	234	1090043	269	1100045	247
1075613	229	1077899	234	1090045	269	1100163	247
1075643	229	1078013	230	1090049	269	1100193	247
1075653	229	1078023	230	1090053	269	1110013	235
1075669	233	1078023	250	1090055	269	1110043	235
1075673	229	1078025	250	1090059	269	1110073	235
1075703	229	1078333	230	1090073	269	1110075	235
1075733	229	1078343	230	1090075	269	1110129	235
1075829	233	1078353	230	1090079	269	1110139	235
1075839	233	1080100	309	1090103	269	1120013	275
1075849	233	1080130	309	1090105	269	1120015	275
1075859	233	1080160	309	1090109	269	1120019	275
1075889	233	1080190	309	1090133	269	1120023	275
1075919	233	1080600	307	1090135	269	1120033	275
1075929	233	1080630	307	1090139	269	1120035	275
1075949	233	1080670	307	1090163	269	1120043	275
1075979	233	1080700	307	1090165	269	1120045	275
1076009	233	1080730	307	1090169	269	1120049	275

Index

1120073	275
1120075	275
1120079	275
1120103	275
1120105	275
1120109	275
1120133	275
1120135	275
1120159	275
1120189	275
1130013	276
1130015	276
1130019	276
1130043	276
1130045	276
1130049	276
1130109	343
1133043	275
1133049	275
1140013	300
1140015	300
1140019	300
1140053	300
1140063	300
1140065	300
1140069	300
1141013	247
1141015	247
1141033	247
1141035	247
1141083	238
1141093	238
1143019	302
1143109	302
1144063	300
1144065	300
1144069	300
1146109	301
1150015	248
1150046	248
1150079	248
1153079	248
1160010	254
1160040	254
1160070	254
1160200	254
1160210	254
1160219	254
1161019	254
1161049	254
1161079	254
1161209	254
1170013	262
1170015	262
1170019	262
1170039	262
1170043	262
1170045	262
1170049	262

1170073	262
1170075	262
1170079	262
1170105	262
1170109	262
1170139	262
1170179	262
1171509	263
1171559	263
1171609	263
1173029	265
1173049	265
1180013	253
1180015	253
1180019	253
1180049	253
1180079	253
1180099	253
1181003	253
1181009	253
1190013	270
1190015	270
1190019	270
1190043	270
1190045	270
1190049	270
1190053	270
1190055	270
1190059	270
1190073	270
1190075	270
1190079	270
1190103	270
1190105	270
1190109	270
1190133	270
1190135	270
1190139	270
1190163	270
1190165	270
1190169	270
1190193	270
1190195	270
1190199	270
1190209	270
1190229	270
1190259	270
1190289	270
1192183	273
1192189	273
1192289	294
1199013	272
1199015	272
1199043	272
1199045	272
1199073	272
1199075	272
1199105	272
1199163	272

1199165	272
1199195	272
1210013	279
1210015	279
1210019	279
1210049	279
1210073	279
1210075	279
1210079	279
1210109	279
1210159	279
1220019	297
1220129	297
1221049	296
1222079	296
1224079	299
1224089	299
1224099	299
1229049	297
1229079	298
1229129	298
1230019	296
1240013	281
1240015	281
1240019	281
1240043	281
1240045	281
1240049	281
1240073	281
1240075	281
1240079	281
1240103	281
1240105	281
1240109	281
1240135	281
1240139	281
1240159	281
1240179	281
1240209	281
1240239	281
1240519	282
1241053	282
1241083	282
1241085	282
1241089	282
1241113	282
1241115	282
1241119	282
1241133	282
1241135	282
1241139	282
1241179	282
1242045	280
1242049	280
1242519	282
1243019	288
1243049	288
1243059	288
1243089	284

1243093	285
1243139	281
1243179	281
1243209	281
1243239	281
1243329	285
1248269	281
1250013	238
1250023	238
1250043	238
1250073	238
1250103	238
1250133	238
1250139	238
1250163	238
1250169	238
1250199	238
1250229	238
1250229	338
1250239	238
1250259	238
1250289	238
1250319	238
1250349	238
1250359	238
1260109	241
1260149	241
1260239	241
1270013	264
1270015	264
1270023	264
1270043	264
1270053	264
1270055	264
1270063	264
1270075	264
1270083	264
1270089	264
1272023	264
1272043	264
1272063	264
1272083	264
1280049	265
1290019	295
1291079	295
1300043	265
1300045	265
1300073	265
1300075	265
1300079	265
1310013	266
1310015	266
1310043	266
1310045	266
1310049	266
1310075	266
1310079	266
1312053	266
1312229	266

Index

1320103	287	1410075	255	1490733	311	1612249	342
1330209	311	1410103	255	1490753	311	1612449	341
1340013	278	1410105	255	1492743	311	1620043	286
1340015	278	1420015	317	1510049	340	1620053	286
1340019	278	1420019	317	1510109	340	1620063	286
1340043	278	1421010	317	1520039	342	1620109	286
1340045	278	1430015	316	1520049	342	1622023	286
1340049	278	1430019	316	1530039	343	1622053	286
1350013	280	1430150	312	1530049	343	1623029	285
1350015	280	1430160	312	1530059	342	1623049	285
1350019	280	1431010	316	1530069	342	1623059	285
1350023	280	1431110	319	1530079	342	1623069	285
1350025	280	1431210	314	1530089	342	1630049	293
1350029	280	1432015	319	1530099	342	1630119	293
1350035	280	1432019	319	1530109	343	1630129	293
1350039	280	1433015	314	1540019	338	1640073	237
1350043	280	1433019	314	1540029	338	1640079	237
1350045	280	1434015	313	1540039	338	1640149	237
1350069	280	1434019	313	1540049	338	1640189	237
1350079	280	1440015	317	1540059	338	1642073	237
1350089	280	1440019	317	1540069	338	1642079	237
1352053	266	1441010	317	1540159	338	1642149	237
1352055	266	1450029	318	1550029	344	1642189	237
1352229	266	1450039	314	1550039	344	1650049	294
1360013	276	1450049	315	1550923	344	1650079	294
1360015	276	1450099	315	1550929	344	1650109	291
1360019	276	1450179	312	1553729	344	1650139	295
1360023	276	1450229	313	1554109	345	1670019	304
1360029	276	1450240	315	1560039	292	1681009	306
1360035	276	1450259	316	1560079	291	1681010	306
1360039	276	1450260	316	1560089	292	1682009	306
1360043	276	1450289	318	1560139	291	1682010	306
1360049	276	1450339	312	1560219	290	1734050	64
1360069	276	1460106	268	1560409	288	1734055	65
1360089	276	1460109	268	1560419	278	1734100	64
1363079	277	1460146	268	1560449	287	1734105	65
1370043	267	1460206	268	1560479	289	1734155	65
1370045	267	1460209	268	1560539	287	1734160	64
1370049	267	1460239	268	1563019	289	1734203	64
1373029	263	1460709	268	1563029	290	1734205	65
1373069	263	1470063	267	1563069	288	1734255	65
1380013	277	1470065	267	1564019	346	1734265	64
1380015	277	1470069	267	1564059	346	1734307	64
1380019	277	1470109	267	1564109	345	1734327	64
1380023	277	1473059	263	1570043	279	1734359	64
1380025	277	1473109	263	1570083	279	1734379	64
1380029	277	1480195	286	1570123	279	1734389	64
1380033	277	1480199	286	1580009	283	1735050	64
1380043	277	1480315	286	1581009	283	1735100	64
1380045	277	1480319	286	1583009	283	1735160	64
1380049	277	1480379	286	1584009	284	1735203	64
1390013	279	1490013	304	1590039	347	1735265	64
1390019	279	1490039	304	1590069	347	1735307	64
1390023	279	1490049	305	1592039	347	1735327	64
1390025	279	1490053	305	1592069	347	1735359	64
1410013	255	1490069	305	1594019	347	1735379	64
1410043	255	1490139	305	1594059	347	1735389	64
1410045	255	1490519	305	1594109	347	1736379	65
1410073	255	1490529	305	1600059	348	1736389	65

Index

1736400	65	1854304	352	1929210	37	2010497	195
1736410	65	1854324	330	1929220	37	2010527	195
1736480	65	1854334	330	1929230	37	2010557	195
1736560	65	1854354	330	1929240	37	2010587	195
1736580	65	1855143	330	1929250	37	2010627	195
1736700	65	1855164	330	1929260	37	2010637	195
1739379	65	1855224	352	1929270	37	2012027	196
1739389	65	1855234	330	1929280	37	2012037	196
1739400	65	1855304	352	1929290	37	2012047	196
1739410	65	1855324	330	1929295	37	2012057	196
1739480	65	1855334	330	1929297	37	2012067	196
1739560	65	1855354	330	1929800	302	2012077	196
1739580	65	1870104	331	1929810	302	2012087	196
1739700	65	1870224	331	1929820	302	2012107	196
1743203	69	1870324	331	1929830	302	2012117	196
1743275	69	1870406	331	1929840	302	2012147	196
1743337	69	1870508	331	1929850	302	2012157	196
1743359	69	1902290	361	1929860	302	2012187	196
1743379	69	1902292	361	1929870	302	2012197	196
1743480	69	1910030	257	1929880	302	2012327	195
1743560	69	1910050	257	1929890	302	2012337	195
1743580	69	1910140	257	1929900	302	2012427	196
1748405	70	1910261	142	1929910	302	2012437	196
1748507	70	1919370	257	1929920	302	2012507	196
1748609	70	1921040	37	1929930	302	2012517	196
1748815	70	1924510	207	1929940	302	2012747	195
1748827	70	1924520	207	1929950	302	2012757	195
1748839	70	1924530	207	2010017	195	2012817	195
1749123	242	1924540	207	2010047	195	2012827	195
1749124	242	1924550	207	2010057	195	2012877	195
1749125	242	1924560	207	2010067	195	2012887	195
1786327	62	1924570	207	2010077	195	2013815	199
1786359	62	1924580	207	2010087	195	2013835	199
1786389	62	1924600	207	2010107	195	2013855	199
1786400	71	1924610	207	2010117	195	2013875	199
1786410	62	1929030	37	2010137	195	2014017	197
1786460	71	1929040	37	2010157	195	2014027	197
1786470	62	1929050	37	2010167	195	2014035	199
1786520	71	1929080	37	2010177	195	2014037	197
1786560	62	1929090	37	2010197	195	2014065	199
1786580	62	1929100	37	2010207	195	2014067	197
1787103	62	1929105	37	2010217	195	2014075	199
1787109	62	1929110	37	2010227	195	2014077	197
1789327	62	1929120	37	2010257	195	2014105	199
1789359	62	1929125	37	2010287	195	2014107	197
1789389	62	1929130	37	2010297	195	2014117	197
1789410	62	1929135	37	2010307	195	2014127	197
1789470	62	1929140	37	2010317	195	2014135	199
1800019	220	1929145	37	2010347	195	2014137	197
1850104	330	1929150	37	2010357	195	2014165	199
1850224	330	1929160	37	2010367	195	2014167	197
1850304	330	1929165	37	2010377	195	2014175	199
1850324	330	1929170	37	2010387	195	2014177	197
1851538	331	1929175	37	2010407	195	2014205	199
1852416	331	1929180	37	2010417	195	2014207	197
1854143	330	1929185	37	2010437	195	2014215	199
1854164	330	1929190	37	2010467	195	2014217	197
1854224	352	1929195	37	2010477	195	2014245	199
1854234	330	1929200	37	2010487	195	2014247	197

Index

Index

2014287	198	2015057	197	2016677	201	2021350	214
2014297	198	2015067	197	2016687	201	2021400	214
2014307	198	2015207	197	2016867	201	2021450	214
2014317	198	2015307	197	2016877	201	2021530	214
2014327	198	2015317	197	2017057	203	2021550	214
2014335	199	2015407	197	2017067	203	2021580	214
2014337	198	2015417	197	2017137	203	2021600	214
2014347	198	2015427	197	2017167	203	2021630	214
2014365	199	2015437	197	2017227	203	2021650	214
2014367	198	2015547	198	2017237	203	2022000	208
2014375	199	2015557	198	2017317	203	2022010	208
2014377	198	2015707	198	2017347	203	2022020	208
2014405	199	2015717	198	2017437	203	2022030	208
2014407	198	2015787	197	2017457	203	2022040	208
2014417	198	2015797	197	2017467	203	2022050	208
2014427	198	2015807	197	2017487	203	2022060	208
2014435	199	2015817	197	2017607	203	2022070	208
2014437	198	2015907	197	2017617	203	2022100	208
2014465	199	2015917	197	2017627	203	2022110	208
2014467	198	2015947	198	2017637	203	2022140	208
2014475	199	2015957	198	2017647	203	2022150	208
2014477	198	2015967	198	2017657	203	2022200	208
2014487	198	2015977	198	2017707	203	2022210	208
2014507	198	2015987	198	2017717	203	2022240	208
2014515	199	2015997	198	2017727	203	2022250	208
2014517	198	2016007	201	2017737	203	2022260	208
2014545	199	2016017	201	2017747	203	2022270	208
2014547	198	2016045	202	2017757	203	2022300	208
2014557	198	2016047	201	2019107	196	2022305	217
2014567	198	2016055	202	2019117	196	2022310	208
2014577	198	2016057	201	2019147	196	2022325	217
2014587	198	2016067	201	2019157	196	2022355	217
2014597	198	2016077	201	2019187	196	2022365	217
2014647	197	2016127	201	2019197	196	2022405	217
2014657	197	2016137	201	2019227	196	2022455	217
2014717	197	2016147	201	2019237	196	2022505	217
2014727	197	2016157	201	2019267	196	2022515	214
2014737	198	2016167	201	2019277	196	2022546	214
2014767	198	2016177	201	2020000	217	2022705	215
2014777	198	2016187	201	2020150	216	2022736	215
2014787	198	2016197	201	2020410	216	2022746	215
2014837	198	2016227	201	2020430	216	2022756	215
2014867	198	2016237	201	2020450	216	2022766	215
2014877	198	2016247	202	2020460	216	2023355	218
2014887	198	2016257	202	2020470	216	2023405	218
2014897	198	2016267	202	2020480	216	2023505	218
2014907	198	2016277	202	2020490	216	2026057	216
2014915	199	2016287	202	2020500	216	2026107	216
2014917	198	2016297	202	2020560	216	2027050	212
2014925	199	2016317	202	2020590	216	2027060	212
2014927	198	2016327	202	2020603	218	2027070	212
2014937	198	2016377	202	2020659	218	2027100	212
2014947	198	2016387	202	2020917	213	2027110	212
2014957	198	2016417	202	2020927	213	2027210	213
2014967	198	2016427	202	2021250	214	2027220	213
2014977	198	2016507	201	2021280	214	2027230	213
2014987	198	2016517	201	2021300	214	2027240	213
2015037	197	2016617	201	2021300	215	2027635	212
2015047	197	2016627	201	2021330	214	2027645	212

Index

2027675	212	2033317	210	2060097	204	3185013	113
2027706	212	2033327	210	2060127	204	3185013	333
2027726	212	2033337	210	2061007	204	3185014	113
2027736	212	2033347	210	2061017	204	3185014	333
2031007	205	2033357	210	2061037	204	3185015	113
2031017	205	2033367	210	2061047	204	3185015	333
2031027	205	2033377	210	2061067	204	3185016	113
2031037	205	2033387	210	2061097	204	3185016	333
2031047	205	2033397	210	2061107	204	3185017	113
2031057	205	2033407	210	2061117	204	3185017	333
2031077	205	2033427	210	2061127	204	3185018	113
2031087	205	2033457	210	2061137	204	3185018	333
2031097	205	2033487	210	2061147	204	3185019	113
2031107	205	2033507	210	2064017	204	3185019	333
2031137	205	2033557	210	2064037	204	3185020	113
2031157	205	2033587	210	2064047	200	3185020	333
2031167	205	2033607	210	2064057	200	3185021	113
2031177	205	2034015	217	2064067	200	3185021	333
2031197	205	2034025	217	2064077	200	3185022	113
2031227	205	2034037	217	2064087	200	3185022	333
2031257	205	2034047	217	2064097	200	3185023	113
2031267	205	2034055	217	2064107	200	3185023	333
2031277	205	2034065	217	2064117	200	3185024	113
2031287	205	2034415	208	2064127	200	3185024	333
2031317	205	2034415	319	2064137	200	3185025	113
2031367	205	2034465	208	2064147	200	3185025	333
2031377	205	2034465	319	2064157	200	3185026	113
2031407	205	2034469	208	2064167	200	3185026	333
2031417	205	2034469	319	2064177	200	3185027	113
2031427	205	2034515	208	2064187	200	3185027	333
2031437	205	2034515	319	2064197	200	3185028	113
2031447	205	2034519	208	2064207	200	3185028	333
2031457	205	2034519	319	2064217	200	3185029	113
2031467	205	2035017	209	2064227	200	3185029	333
2031477	205	2035048	209	2064237	200	3185030	113
2031487	205	2039015	206	2064247	200	3185030	333
2031497	205	2039045	206	2064257	200	3185031	113
2031517	205	2039065	206	2064267	200	3185031	333
2033087	210	2039075	206	2064277	200	3185032	113
2033107	210	2039207	206	3185002	113	3185032	333
2033127	210	2039237	206	3185002	333	3185033	113
2033137	210	2039307	206	3185003	113	3185033	333
2033147	210	2039337	206	3185003	333	3185034	113
2033157	210	2039407	206	3185005	113	3185034	333
2033167	210	2039437	206	3185005	333	3185035	113
2033177	210	2039507	207	3185006	113	3185035	333
2033187	210	2039517	207	3185006	333	3185036	113
2033197	210	2039527	207	3185007	113	3185036	333
2033207	210	2039537	207	3185007	333	3185037	113
2033217	210	2039547	207	3185008	113	3185037	333
2033227	210	2039557	207	3185008	333	3185038	113
2033237	210	2039567	207	3185009	113	3185038	333
2033247	210	2039607	206	3185009	333	3185039	113
2033257	210	2039637	206	3185010	113	3185039	333
2033267	210	2060007	204	3185010	333	3185040	113
2033277	210	2060017	204	3185011	113	3185040	333
2033287	210	2060037	204	3185011	333	3185041	113
2033297	210	2060067	204	3185012	113	3185041	333
2033307	210	2060087	204	3185012	333	3185042	113

Index

Index

3185042	333
3185043	113
3185043	333
3185044	113
3185044	333
3185100	95
3185101	95
3185102	95
3185103	95
3185104	95
3185105	95
3185106	95
3185109	95
3185110	95
3185200	116
3185200	336
3185201	116
3185201	336
3185202	116
3185202	336
3185203	116
3185203	336
3185204	116
3185204	336
3185205	116
3185205	336
3185206	116
3185206	336
3510358	93
3510359	93
3510360	93
3510500	93
3510501	93
3510502	93
3510503	93
3510504	93
3510505	251
3510509	93
3510510	251
3510605	251
3510610	251
3510905	252
3510910	252
3510915	252
3510920	252
3511205	252
3511210	252
3511215	252
3511305	252
3511905	252
3511910	252
3511915	252
3513105	251
3513405	252
3513505	252
3513510	252
3513605	252
3513610	252
3513805	252

3513810	252
3513905	252
3514005	252
5548061	357
5550370	308
5588269	274
5588279	274
7070011	131
7070041	131
7070071	131
7070101	131
7070131	131
7070161	131
7070191	131
7070221	131
7070251	131
7070311	131
7070341	131
7070371	131
7070401	131
7070431	131
7070461	131
7070491	131
7070521	131
7070551	131
7072004	160
7072024	160
7075204	161
7075254	161
7111311	173
7111321	173
7111361	173
7111411	173
7111461	173
7120728	141
7120848	141
7120901	132
7120911	132
7120921	132
7120931	132
7120941	132
7122178	137
7122181	137
7122208	137
7123141	137
7124401	137
7124411	137
7210011	133
7210021	133
7210031	133
7210041	133
7210051	133
7210061	133
7210071	133
7210081	133
7210091	133
7210101	133
7210111	133
7210121	133

7210131	133
7210141	133
7210151	133
7210161	133
7210171	133
7210181	133
7210204	161
7210301	152
7210311	152
7210321	152
7210331	152
7210341	152
7210351	152
7210361	152
7210371	152
7220011	135
7220021	135
7220031	135
7220041	135
7220051	135
7220071	135
7220081	138
7220091	138
7220101	135
7220111	138
7220121	138
7220161	138
7220171	138
7220271	135
7220301	136
7220321	135
7220331	135
7320031	148
7320041	148
7320061	150
7330011	140
7330021	140
7330041	140
7330051	140
7330061	140
7331021	139
7331031	139
7331041	139
7331051	139
7331061	139
7331101	139
7332011	139
7333021	139
7335101	147
7336419	143
7336429	143
7336439	143
7336449	143
7336459	143
7336469	143
7336479	143
7336511	142
7336919	141
7336929	141

7336939	141
7336949	141
7336959	141
7336969	141
7340141	145
7340151	145
7340161	145
7340171	145
7340261	145
7340301	146
7340351	146
7410001	158
7410011	158
7410031	158
7410041	159
7410051	159
7410061	159
7420071	168
7420271	168
7420311	162
7420321	162
7420331	162
7420341	162
7420371	168
7420471	168
7420501	172
7420811	163
7420821	163
7420831	163
7420841	163
7422811	163
7422821	163
7423811	164
7423821	164
7424811	164
7424821	164
7425811	164
7425821	164
7426811	163
7426821	163
7426831	164
7426841	164
7426851	164
7510011	171
7510021	170
7510081	166
7510101	169
7510401	167
7510451	167
7510511	171
7510521	170
7511031	154
7511051	154
7511061	154
7511081	154
7511101	154
7511121	154
7511151	154
7511201	154

Index

7511251	154
7511301	154
7518421	167
7518431	167
7518441	167
7518451	167
7518461	167
7518521	167
7518531	167
7518541	167
7518551	167
7518561	167
7520021	148
7520031	148
7520041	148
7520051	148
7520121	148
7520141	148
7520201	148
7520221	148
7520241	148
7520301	150
7520311	150
7520321	150
7520331	150
7521091	155
7521101	155
7524101	151
7524231	151
7524241	151
7524251	151
7524261	151
7524281	151
7524301	151
7524351	151
7524401	151
7524451	151
7524501	151
7525101	157
7525151	157
7526031	153
7526041	153
7526051	153
7526061	153
7526081	153
7526101	153
7526121	153
7526151	153
7526201	153
7760061	174
7760081	174
7761051	174
7761071	174
7971041	134
7971071	134
7971101	134
7971301	134
7971401	134
7971501	134

7971601	134
7971701	134
7972001	134
7976201	134
7976301	134
7976401	134
7976501	134
8053600	82
8053650	82
8053750	82
8053850	82
8071059	66
8071119	66
8071200	66
8071210	66
8071250	66
8073015	100
8073219	79
8073390	78
8073419	77
8073420	77
8073650	71
8073700	71
8073713	77
8073715	77
8073719	77
8073729	78
8073739	78
8073745	79
8073800	79
8080015	251
8080019	251
8080110	91
8080310	90
8080310	92
8080320	90
8080320	92
8080350	91
8080510	96
8080520	96
8080530	96
8080540	96
8080550	96
8080630	90
8081015	251
8081019	251
8171130	99
8171230	90
8171230	99
8171330	99
8171430	99
8223019	102
8223029	103
8223209	104
8223259	104
8420123	109
8420133	109
8420143	108
8420163	108

8421113	109
8421153	109
8422113	109
8422153	109
8423113	109
8423153	109
8424113	109
8424153	109
8450019	107
8450029	107
8450039	107
8450049	106
8450069	105
8450119	107
8450129	107
8450139	107
8450149	106
8450169	105
8450199	105
8450209	105
8450219	105
8451119	107
8451129	107
8451139	107
8451149	106
8451169	105
8540010	80
8540028	81
8560010	89
8560020	88
8560110	111
73001284	358
73001316	358
73001328	358
73001364	358
73001396	358
73001408	358
73001444	358
73001476	358
73001488	358
73001714	358
73001746	358
73001778	358
73003054	359
73003076	359
73003088	359
73005054	359
73005076	359
73005088	359
73017026	358
73017054	358
73017068	358
73017204	360
73017216	360
73017228	360
73033161	361
73033171	361
73034064	85
73034064	360

73034086	85
73034086	360
73034098	85
73034098	360
90100306	17
90100406	17
90100500	17
90100506	17
90100606	17
90100706	17
90100806	17
90100846	17
90100856	17
90100906	18
90100956	18
90101000	18
90101006	18
90101040	18
90101046	18
90101106	18
90101136	18
90101146	18
90101156	18
90101166	18
90101186	18
90101203	21
90101223	21
90101306	21
90101333	21
90101406	21
90101416	21
90101426	21
90101456	21
90101506	21
90101606	21
90101706	21
90101796	21
90101806	21
90101906	21
90102006	21
90102056	21
90102103	21
90102156	73
90102166	73
90102206	21
90102223	21
90102236	73
90102246	73
90102306	21
90102316	73
90102336	73
90102353	21
90102406	21
90102416	21
90102436	21
90102506	21
90102556	22
90102606	21
90102636	21

Index

Index

90102706	21	90105596	328	90131476	20	90202857	350
90102806	21	90105606	22	90131556	27	90202906	34
90102856	24	90105706	22	90131606	20	90202906	350
90102906	21	90105706	328	90131676	20	90202956	34
90103006	21	90105806	22	90131706	20	90202956	350
90103206	21	90105806	328	90131756	27	90203006	34
90103353	22	90105906	22	90131776	27	90203006	350
90103403	22	90105906	328	90131806	20	90203406	34
90103453	22	90106006	22	90131856	27	90203406	350
90103506	22	90106006	328	90131906	20	90204006	34
90103506	328	90106036	22	90141656	27	90204006	350
90103553	22	90106036	328	90141756	27	90204106	34
90103806	22	90106043	24	90141856	27	90204106	350
90103806	328	90106076	24	90141956	27	90204206	34
90103953	22	90106086	24	90200511	35	90204206	350
90104006	22	90106096	24	90200511	351	90209013	36
90104006	328	90106106	24	90200551	35	90209013	353
90104016	22	90106116	24	90200551	351	90210005	36
90104036	22	90106126	24	90200706	34	90210005	353
90104036	328	90106146	24	90200706	350	90210055	36
90104106	22	90106173	24	90200806	34	90210055	353
90104106	328	90106186	24	90200806	350	90210105	36
90104116	22	90106206	24	90200857	34	90210105	353
90104206	22	90106306	24	90200857	350	90250406	35
90104206	328	90106406	24	90200906	34	90250406	351
90104306	22	90107036	33	90200906	350	90250606	35
90104306	328	90107036	328	90200957	34	90250606	351
90104406	22	90107066	33	90200957	350	90254006	35
90104406	328	90107066	328	90201006	34	90254006	351
90104506	22	90107096	33	90201006	350	90256066	35
90104506	328	90107096	328	90201106	34	90256066	351
90104606	22	90110106	30	90201106	350	90302706	23
90104606	328	90110106	327	90202433	34	90302806	23
90104626	22	90110136	30	90202433	350	90302906	23
90104626	328	90110136	327	90202443	34	90303006	23
90104636	22	90110256	30	90202443	350	90400100	19
90104636	328	90110256	327	90202453	34	90400106	19
90104683	24	90110306	30	90202453	350	90400300	19
90104693	24	90110306	327	90202486	34	90400306	19
90104706	24	90110656	30	90202486	350	90400356	18
90104716	24	90110656	327	90202493	34	90400500	19
90104756	24	90110856	30	90202493	350	90400506	19
90104806	24	90110856	327	90202496	34	90400556	18
90104856	24	90112106	73	90202496	350	90600093	32
90104906	24	90112206	73	90202506	34	90600413	32
90104956	24	90112306	73	90202506	350	90600414	32
90105006	24	90120306	17	90202566	34	90600443	32
90105106	24	90120506	17	90202566	350	90600444	32
90105156	24	90120906	17	90202606	34	90600513	32
90105203	22	90121106	17	90202606	350	90600514	32
90105306	22	90130106	20	90202636	34	90800106	26
90105306	328	90130206	20	90202636	350	90800106	329
90105406	22	90130306	20	90202706	34	90800206	26
90105406	328	90130406	20	90202706	350	90800206	329
90105436	22	90130506	20	90202756	34	90800406	26
90105456	22	90130606	20	90202756	350	90800406	329
90105506	22	90130706	20	90202806	34	90800506	26
90105506	328	90130806	20	90202806	350	90800506	329
90105596	22	90131406	20	90202857	34	90800606	26

Index

90800606	329	95600793	32	2814.160.21	15	3910.170.30	129
90800706	26	95600794	32	2814.190.20	15	3910.178.20	129
90800706	329	95602653	29	2814.190.21	15	3910.179.20	129
90801106	19	95610103	31	2814.190.30	15	3920.070.20	129
90801206	19	95620303	31	2814.190.31	15	3920.078.20	129
90801306	19	95620304	31	2814.216.31	15	3920.079.20	129
90801506	19	95620403	31	2814.250.30	15	3920.170.20	129
90801706	19	95620404	31	2814.250.31	15	3920.170.30	129
91322013	37	95801611	361	2832.120.20	16	3920.178.20	129
91322033	37	95801621	361	2832.125.22	16	3920.179.20	129
91322066	37	96035306	20	2833.120.20	16	6830.008.20	54
91329103	37	96035306	329	2833.120.22	16	6830.010.27	54
91329133	37	97005006	25	2833.125.20	16	6830.012.25	54
91329166	37	97006206	25	2833.125.22	16	6830.012.35	54
91332433	37	107373H	67	2833.125.45	16	6830.016.27	54
91332453	37	107374H	67	2833.180.30	16	6830.016.34	54
91332476	37	107376H	67	2833.180.45	16	6830.016.43	54
91334013	37	107377H	67	2833.200.20	16	6830.018.25	54
91334033	37	107398H	67	2833.200.45	16	6830.108.20	54
91334066	37	1075319S	235	2833.201.45	16	6830.110.27	54
91353103	37	1075499S	235	2833.202.45	16	6830.112.25	54
91353166	37	1075829S	235	3810.074.06	129	6830.112.35	54
91381603	37	1075839S	235	3810.074.08	129	6830.116.27	54
91381633	37	1260149s	241	3810.074.15	129	6830.116.34	54
91381666	37	143101L	318	3810.076.06	129	6830.116.43	54
95004106	23	1431150L	318	3810.076.08	129	6830.118.25	54
95004306	23	1734203S	64	3810.076.15	129	6830.216.27	54
95004406	23	1734265S	64	3810.100.22	130	6830.216.34	54
95004506	23	1735203S	64	3810.101.22	130	6830.216.43	54
95004906	25	1735265S	64	3810.102.22	130	6830.218.25	54
95004956	25	174107Z	69	3810.107.22	130	6830.218.34	54
95005006	25	174107Z	242	3810.107.30	130	6830.218.43	54
95005706	23	1742203S	68	3810.117.22	130	6830.220.25	54
95005806	23	1742275S	68	3810.117.30	130	6830.220.34	54
95005906	23	1742337S	68	3810.174.06	129	6830.220.43	54
95006106	25	1742359S	68	3810.174.08	129	6830.220.52	54
95006126	25	185133Z	331	3810.174.15	129	6830.220.58	54
95006206	25	185410z	352	3810.176.06	129	6830.316.27	54
95006306	25	185411Z	330	3810.176.08	129	6830.316.34	54
95302706	23	185412Z	330	3810.176.15	129	6830.316.43	54
95406256	26	185413Z	330	3831.100.34	128	6830.318.25	54
95406356	26	185417Z	330	3831.100.48	128	6830.318.34	54
95531056	28	185419Z	330	3831.101.34	128	6830.318.43	54
95531136	28	185423Z	330	3831.101.48	128	6830.320.25	54
95531156	28	185510z	352	3831.125.43	128	6830.320.34	54
95531306	28	185511Z	330	3831.125.45	128	6830.320.43	54
95531606	28	185512Z	330	3831.125.48	128	6830.320.52	54
95531746	28	185513Z	330	3831.125.63	128	6830.320.58	54
95600103	32	185517Z	330	3831.125.64	128	6830.418.34	54
95600104	32	185519Z	330	3831.126.43	128	6830.418.43	54
95600303	32	185523Z	330	3831.126.45	128	6830.518.34	54
95600304	32	190025H	73	3831.126.48	128	6830.518.43	54
95600403	32	2715.251.30	14	3831.126.63	128	6832.012.25	55
95600404	32	2715.301.30	14	3831.126.64	128	6832.016.25	55
95600453	32	2715.301.31	14	3910.070.20	129	6832.016.34	55
95600454	32	2715.303.30	14	3910.070.30	129	6832.112.25	55
95600693	32	2715.350.30	14	3910.078.20	129	6832.116.25	55
95600694	32	2715.351.30	14	3910.079.20	129	6832.116.34	55
95600793	29	2814.160.20	15	3910.170.20	129	6832.218.25	55

Index

Index

6832.218.34	55	6837.125.30	57	807331H	76	854004H	80
6832.218.43	55	6837.125.40	57	807335H	75	9010131E	21
6832.220.25	55	6837.125.49	57	807336H	76	9010221E	21
6832.220.32	55	6837.125.59	57	807337H	75	9010232E	21
6832.220.42	55	6837.225.30	57	807340H	78	9010330Z	22
6832.220.51	55	6837.225.40	57	807350H	74	9010372E	22
6832.220.61	55	6837.225.49	57	807355H	74	9010385E	22
6832.318.25	55	6837.225.59	57	807366E	71	9010532E	22
6832.318.34	55	6837.325.30	57	808035H	92	9020061A	35
6832.318.43	55	6837.325.40	57	808107H	97	9020061A	351
6832.320.25	55	6837.325.49	57	808601H	97	9020063A	35
6832.320.32	55	6837.325.59	57	808602H	97	9020063A	351
6832.320.42	55	6838.012.21	57	808603H	97	9020245E	35
6832.320.51	55	6838.012.24	57	808604H	97	9020245E	350
6832.320.61	55	6838.012.31	57	808605H	97	9553105U	28
6833.025.49	55	6842.012.22	58	808606H	97	9553115R	28
6833.025.55	55	6842.012.25	58	808607H	97	9553115T	28
6833.025.60	55	6843.216.35*	58	808611H	97	9553115U	28
6833.025.65	55	6844.005.10	58	808612H	97	9553121U	28
6833.125.49	55	6844.006.10	58	808613H	97	9553123R	28
6833.125.55	55	6844.007.10	58	808615H	97	9553123U	28
6833.125.60	55	6844.008.10	58	808616H	97	9553130T	28
6833.125.65	55	6844.008.16	58	808618H	97	9553132U	28
6833.222.32	55	6844.009.15	58	808619H	97	9553150U	28
6833.222.38	55	6844.010.16	58	808620H	97	9553155T	28
6833.222.43	55	6844.010.25	58	808622H	97	9553160R	28
6833.222.49	55	6845.005.10	59	8171X30	91	9553160U	28
6833.222.54	55	6845.006.10	59	822031H	100	9553170R	28
6833.322.32	55	6845.007.10	59	822032H	100	9553170U	28
6833.322.38	55	6845.008.10	59	822033H	100	9553185R	28
6833.322.43	55	6845.008.15	59	822034H	100	9553301R	28
6833.322.49	55	6845.009.15	59	822035H	100	9553350S	28
6833.322.54	55	6845.010.16	59	822036H	100	9560079M	29
6834.025.37	56	6845.010.25	59	822037H	100	9560195C	29
6834.025.52	56	6846.010.28	59	822038H	100	9560195M	29
6834.025.67	56	6846.012.28	59	822055H	72	9560210M	29
6834.125.37	56	6846.080.28	59	842031H	108	9560261M	29
6834.125.52	56	6850.025.17	60	842032H	108	9560261S	29
6834.125.67	56	6850.027.15	60	842033H	109	9560265S	29
6834.220.29	56	6850.027.16	60	842034H	109	9560270N	29
6834.222.44	56	6850.028.13	60	842036H	108	9560280N	29
6834.320.29	56	6850.029.15	60	842037H	108	9561010Z	31
6834.322.44	56	6850.032.16	60	842038H	109	9561030Z	31
6835.025.38	56	712685Z	357	842039H	109	9561040Z	31
6835.025.46	56	7300306Z	359	842061H	108	CA73003054	359
6835.025.54	56	7300506Z	359	842062H	108	CA7300306Z	359
6835.025.63	56	7303407Z	85	842063H	109	CA73003076	359
6835.025.71	56	7303407Z	360	842064H	109	CA73003088	359
6835.125.38	56	807120H	66	852410H	87	CA73005054	359
6835.125.46	56	8071210L	66	852413H	87	CA7300506Z	359
6835.125.54	56	807121H	66	852414H	87	CA73005076	359
6835.125.63	56	807121HL	66	852415H	87	CA73005088	359
6835.125.71	56	807125H	66	852416H	87	E1013075	245
6835.222.38	56	807125HL	66	852418H	87	E1053505	248
6835.322.38	56	807310H	63	852420H	87	E1063505	261
6837.025.30	57	807315H	63	852421H	87	E1073815	239
6837.025.40	57	807320H	69	853001H	98	E1093215	256
6837.025.49	57	807322H	69	853011H	98	E1093255	273
6837.025.59	57	807330H	75	853012H	98	E1123055	274

Index

E1143205	301			
E1383065	278			
G1853x05	113			
G1853x05	333			
G1853x09	113			
G1853x09	333			
G1853X19	95			
G1853x3Z	116			
G1853x3Z	336			
L1070255	231			
L1070345	231			
L1070495	231			
L1070585	231			
L1070705	231			
L1070795	231			
L1071005	231			
L1071095	231			
L1850324	330			
SO1053155	84			
SO106303z	85			
SO1063043	85			
SO1063043	320			
SO1063085	85			
SO1063085	320			
SO1063097	85			
SO1063097	320			
SO1063763	85			
SO1063763	360			
SO1063775	85			
SO1063775	360			
SO1063787	85			
SO1063787	360			
SO1063799	85			
SO1063799	360			
SO1070013	63			
SO1070013	229			
SO1070043	63			
SO1070043	229			
SO1070073	63			
SO1070073	229			
SO1070103	63			
SO1070103	229			
SO1070133	63			
SO1070255	63			
SO1078587	63			
SOT1060204	84			
SOT1060214	84			
SOT1060224	84			
SOT1060234	84			
SOT1060248	84			
SOT1060258	84			
X1070013	230			

Index

Index

Index

Index

Index

Index