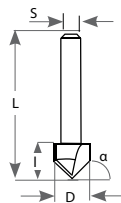


TOOLS FOR WOODWORKERS

 **Fachmann**

V-GROOVING BIT 90°

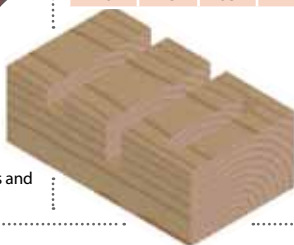


D = 12,7 (mm)
 l = 12,7 (mm)
 α = 45°
 S = 8 (mm)
 L = 52,7 (mm)

Objednací kód:
M115-12781

cena: **15,10 €**

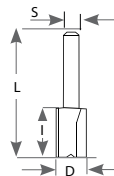
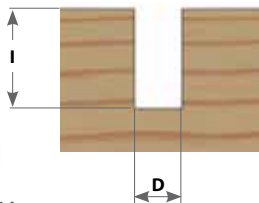
FACHMANN router bit for cutting V-grooves with 90° top angle, for example for routing signs and decorative grooves.



STRAIGHT ROUTER BITS

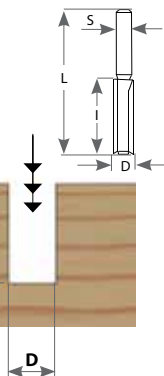
FACHMANN router bit for those who need quality grooves. Excellently ground, it can be used with all kinds of material: softwood, hardwood, chipboard, laminate, glued wood or solid surface, „Corian“.

D (mm)	l (mm)	L (mm)	Code S=ø8 mm	Code S=ø12 mm	Price €
6	25	68	M100-06081		10,20
8	25,4	68,4	M100-08081		10,60
10	25	65	M100-10081		10,60
12	25	65	M100-12081		11,30
12	40	80	M100-12181		14,90
12	50	92,1		M100-12521	16,80
12,55	25,4	65,4	M100-12781		16,80
16	25	65	M100-16081		16,10



STRAIGHT ROUTER BITS WITH PLUNGE TIP

Equipped with a plunge tip for easier penetration of the bit into the wood, FACHMANN straight router bit with plunge tip is the tool for cutting tear-out free grooves. Excellently ground, it can be used with all kinds of material: softwood, hardwood, chipboard, laminate, glued wood or solid surface.

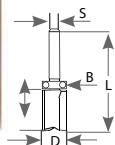
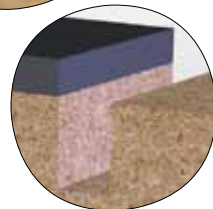
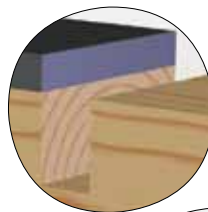


TC plunge tip for easier penetration into material.

D (mm)	l (mm)	L (mm)	Code S=ø8 mm	Code S=ø12 mm	Price €
12	40	80	M110-92081		23,10
12	50	92,1		M111-92521	27,50

PATTERN BITS

Pattern bit is equipped with a bearing above the cutter to let you work with a template placed on the workpiece. Exact or complex grooves are no problem with this tool.



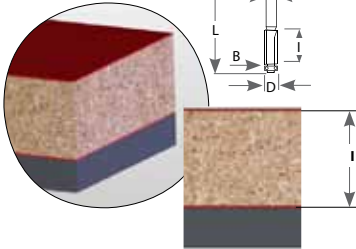
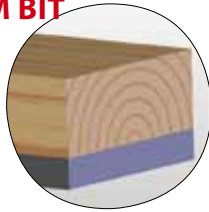
D (mm)	l (mm)	B (mm)	L (mm)	Code S=ø8 mm	Price €
16	25	16	65	M112-16081	20,80

Spare bearing F079-02500
 Spare stop collar F054-00400

FLUSH TRIM BIT



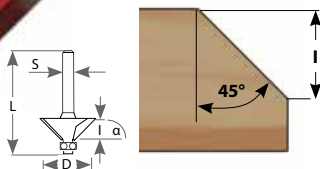
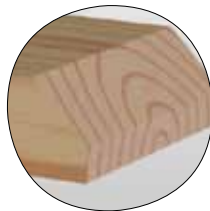
Router bit designed for trimming to a template placed below the workpiece.



D (mm)	I (mm)	B (mm)	L (mm)	Code	Price €
				S=ø8 mm	
9,5	25,4	16	76,4	M106-09581	12,50
12,7	25,4	16	76,4	M106-12781	13,40

CHAMFER BIT

The chamfer bit is designed for easy chamfering at 45°. For simple guiding, the tool is equipped with a bearing at its bottom copying the workpiece and assuring a constant stock removal.

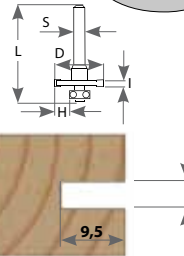
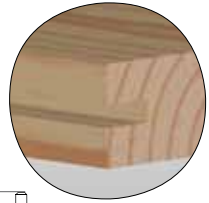


α (°)	D (mm)	I (mm)	L (mm)	Price €	Cena
				S=ø8 mm	
45°	32,2	12,7	61,7	M109-04581	19,00

SLOT CUTTER



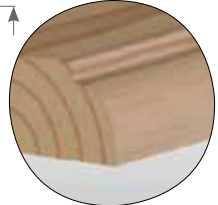
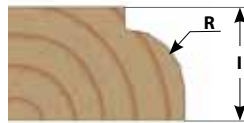
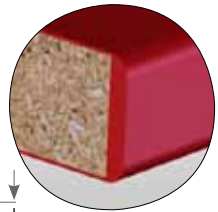
The slot cutter cuts slots and grooves into the edges. The bearing placed at the bottom of the tool gives constantly deep grooves.



D (mm)	I (mm)	H (mm)	L (mm)	Code	Price €
				S=ø8 mm	
31,8	4	9,55	62	M122-34081	20,80

ROUND OVER BIT

Designed to round over edges, the round-over bit is suitable for decorating of massive wood edges or rounding over of glued ABS edges. The bearing at its bottom gives a perfect guiding of the tool and a good and constant stock removal.

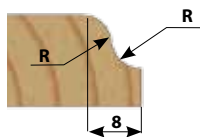
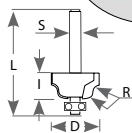


R (mm)	D (mm)	I (mm)	L (mm)	Code	Price €
				S=ø8 mm	
2	17,3	9,5	60,5	M138-02081	16,80
3	19,2	9,5	60,5	M138-03081	16,80
6,3	25,3	12,7	63,7	M138-06381	19,70
9,5	31,7	15,9	66,9	M138-09581	23,30

ROMAN OGEE BIT



Profile router bit designed for cutting decorative edges.

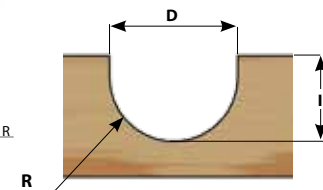
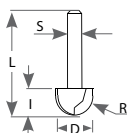


R (mm)	D (mm)	I (mm)	L (mm)	Code	Price €
4	28,7	12,7	63,7	S=Ø8 mm M140-27081	25,50

ROUND NOSE BIT



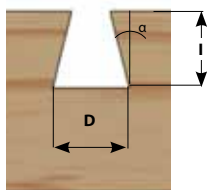
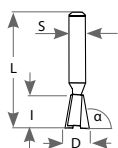
Cove router bit suitable for cutting decorative coves for doors, cupboards, drawer fronts etc.



R (mm)	D (mm)	I (mm)	L (mm)	Code	Price €
9,5	19	12,7	52,7	S=Ø8 mm M114-09581	19,60

DOVETAIL BIT

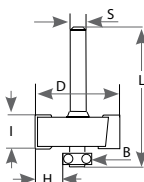
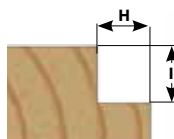
Router bit designed for cutting dovetail joints.



D (mm)	I (mm)	L (mm)	α (°)	Code	Price €
6	6,9	59	8°	S=Ø8 mm M118-06081	17,70
12,7	12,7	61	14°	M118-12781	12,50
12,7	12,7	44,5	14°	M118-12881	8,90
12,7	20	68,4	8°	M118-12981	12,50
19,05	25,4	70	7°	M118-19081	16,80

RABBETING BIT

Bearing guided, this router bit is designed for cutting beautiful rabbets into wood.



H (mm)	D (mm)	I (mm)	Code	Price €
12,7	34,9	12,7	S=Ø8 mm M135-35081	20,10



The quick release system for drilling and screwing. This is a very effective way of increasing your productivity while drilling and screwing in workshops and furniture making facilities. The main idea is that the quick release chuck is fitted into a drilling machine or an AKU screwdriver. A mere shift of the chuck's bush is then enough to firmly hold drill bits, machine bits, countersinks or screwing bits.

Quick release chuck



Code **M390-00001**
Price €: **6,20**

The fastening shank is fitted into the chuck of any drilling machine or screwdriver. M8 has a hexagonal shank for precise holding in the drill's chuck.

It is possible to quickly and easily change the QUICK DRILL tools by merely tightening the chuck's brush.

Drill bit

These bits are fastened in a Quick&Drill flexible bush and can be easily replaced in case of breaking apart.

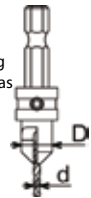
Cutting D (mm)	Code Quick Chuck System	Price €
3	M393-03001	6,20
4	M393-04001	6,50
5	M393-05001	6,90



M393

Drill bit with HSS countersink

The countersink with a HSS cutting edge and adjustable drill bit can be used for drilling and sinking in materials such as soft wood.



Quick Chuck System

d (mm)	D (mm)	Code Quick Chuck System	Price €
2,5	9,5	M392-02501	8,80
3,5	9,5	M392-03501	9,40

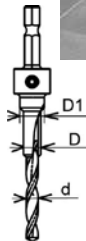


M392

Stepped drill bit



Designed for assembling screws such as Co-formate, Directa etc., the tool is equipped with a HSS gradual twisted bit, SP countersink. Special heat treatment for more durability.

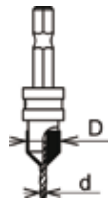


M394

d (mm)	D (mm)	D1 (mm)	Code Quick Chuck System	Price €
3,5	5	7	M394-05001	16,50
5	7	10	M394-07001	17,40

Drill bit with TCT countersink

Very popular countersink with a TC cutting edge and adjustable drill bit. The tool can be used for drilling and sinking in hard materials such as laminate, chipboard, MDF, hard and exotic wood.



Quick Chuck System

d (mm)	D (mm)	Code Quick Chuck System	Price €
2,5	9,5	M391-02501	13,50
3	9,5	M391-03001	13,50
3,5	9,5	M391-03501	14,10
4	12,7	M391-04001	14,10



M391

Self-centering bit



M396

Quick
Chuck
System



The self-centering bushes with boring bits are designed for precise drilling of lead openings, for example while hinge mounting in order to ensure the precise positioning. Can be easily removed for cleaning. Delivered with a HSS drill bit.

Cutting D (mm)	Screw size	Code Quick Chuck System	Price €
2	3 - 3,5	M396-02001	19,70
2,8	3,5 - 4	M396-02801	19,70

Hinge boring bit

Quick
Chuck
System



M395

The TC hinge boring bit consists of 2 wings with 2 spurs and a centre point. Carbide tipped for extensive drilling of clean-cut holes into softwood and hardwood as well as laminated plates.

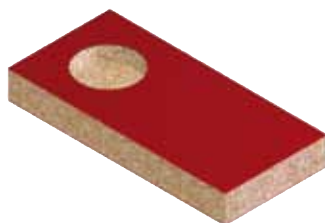
2 spurs for a clean cut
Centre point

Cutting D (mm)	Length L (mm)	Code Quick Chuck System	Price €
26	58	M395-26001	13,80
35	58	M395-35001	14,10

Hinge boring bit



M382



S = Ø10 x 60 L = 90 mm

Cutting D (mm)	Code Right-hand	Price €
15	M382-15011	18,60
20	M382-20011	19,90
25	M382-25011	21,00
26	M382-26011	21,00
30	M382-30011	22,90
35	M382-35011	23,70

The TC hinge boring bit consists of 2 wings with 2 spurs and a centre point. Carbide tipped for extensive drilling of clean-cut holes into softwood and hardwood as well as laminated plates.

FACHMANN dowel drills are an economic solution for boring dowel holes into chipboard, laminated chipboard, MDF or wood. TC tips for more durability. The bits for blind holes are equipped with 2 spurs and a center point for exact and simple boring of tear-out free holes. To be used with dowel-hole drilling machines, CNC machines as well as for hand drilling.

Dowel drill - short series

M3010



SHORT SERIES

Length **L=57,5mm**, Boring depth **l=27mm**
Shank = $\varnothing 10 \times 20$ mm, 2 twisted grooves

Cutting D (mm)	Code Right-hand	Code Left-hand	Price €
5	M3010-05001	M3010-05002	6,30
8	M3010-08001	M3010-08002	7,60

Dowel drill - long series

M3011



LONG SERIES

Length **L=70mm**, Boring depth **l=35mm**
Shank = $\varnothing 10 \times 20$ mm, 2 twisted grooves

Cutting D (mm)	Code Right-hand	Code Left-hand	Price €
5	M3011-05001	M3011-05002	6,90
8	M3011-08001	M3011-08002	8,20

Hinge boring bit

M3017



SHORT SERIES

Length **L=57,5mm**, Boring depth **l=27mm**
Shank = $\varnothing 10 \times 20$ mm
2 spurs + 2 cutting teeth + 1 center point

Cutting D (mm)	Code Right-hand	Code Left-hand	Price €
35	M3017-35001	M3017-35002	16,70

Dowel drill for through holes

M3014



LONG SERIES

Length **L=70mm**, Boring depth **l=35mm**
Shank = $\varnothing 10 \times 20$ mm, 2 twisted grooves

Cutting D (mm)	Code Right-hand	Code Left-hand	Price €
7	M3014-07001	M3014-07002	9,10

SAW BLADES

Adjustable scoring blade

The popular FACHMANN scoring blade helps you to have tear-out free cuts on every lower edge of the laminated plate.

Delivered as a 2-piece set with 12 + 12 straight teeth with spacers to be inserted into the adjustable scoring blade to make different cutting widths, from 2,8 to 3,6 mm. Suitable for sizing saws with scoring unit.

Cutting D (mm)	Bore d (mm)	Thickness K (mm)	Code	Price €
100	20	2,8 - 3,6	M2890-10020	42,30
120	20	2,8 - 3,6	M2890-12020	42,30



FACHMANN diamond bits are an effective solution for your problems when working materials such as MDF, chipboard and laminated boards. The tool is ca. 50x more durable than standard tool with TC blades. Moreover, the FACHMANN diamond tools give much better cut quality during the whole life of the tool. They can be used with higher feed speeds and eliminate loss of time when replacing and adjusting tools.



M170

PD Router cutters with shear angle Z1+1 1-2 resharpenings from the back possible

Cutting Diameter D (mm)	Cutting Length (mm)	Length (mm)	Shank S (mm)	Teeth Z	Code	Price €
12	27	70	12x35	1 + 1 (3 DP)	M170-12021	106,20
12	36	80	12x35	1 + 1 (4 DP)	M170-12121	137,40
16	27	90	16x50	1 + 1 (3 DP)	M170-16061	106,20
16	36	95	16x45	1 + 1 (4 DP)	M170-16161	137,40
18	27	80	20x45	1 + 1 (3 DP)	M170-18031	106,20
18	36	90	20x45	1 + 1 (4 DP)	M170-18131	137,40
18	45	100	20x45	1 + 1 (5 DP)	M170-18231	160,80
20	27	85	20x50	1 + 1 (3 DP)	M170-20031	106,20
20	36	95	20x50	1 + 1 (4 DP)	M170-20131	137,40
20	45	105	20x50	1 + 1 (5 DP)	M170-20231	160,80
20	54	115	20x50	1 + 1 (6 DP)	M170-20331	240,40



M171

PD Router cutters with straight tip

Cutting Diameter D (mm)	Cutting Length (mm)	Length (mm)	Shank S (mm)	Teeth Z	Code	Price €
6	8	55	12x35	1	M171-06021	78,10
8	12	60	12x35	1	M171-08021	101,90
*10	22	65	12x35	1 + 1	M171-10121	130,10

Axial declination of the cutting edges in two wings for good cutting quality on both upper and lower cutting side.



*Construction Z1+1 for code M171-10121



M172

PD Router cutters with shear angle Z2+2

FACHMANN flute diamond bits M172 series are designed for up to 10 m/min feed. The tip of the tool is equipped with T.C. blade for simple plunging into material. Excellent performance at minimum capital. Designed for grooving, trimming, profiling of MDF, laminated and veneered chipboard.

Cutting Diameter D (mm)	Cutting Length (mm)	Length (mm)	Shank S (mm)	Teeth Z	Code	Price €
20	27	85	20 x 50	2 + 2 (6DP+1 HW)	M172-20031	138,60
20	36	95	20 x 50	2 + 2 (8DP+1 HW)	M172-20131	184,80
20	45	105	20 x 50	2 + 2 (10DP+1 HW)	M172-20231	231,00
20	54	115	20 x 50	2 + 2 (12DP+1 HW)	M172-20331	277,20

Technical data:

- Tool body made from hardened steel
- High quality diamond teeth
- TC plunging bit
- Up to 3 resharpenings possible
- Maximum feed up to **10m/min**