



The toughest demands do not compromise.

FESTOOL

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A reliable, handy and above all practical tool is an essential ingredient in achieving good results when routing wood and mineral materials. Based on this knowledge, Festool has developed an extensive range of tools and accessories full of innovative ideas to help make your daily work easier and more efficient.

Routing

The right router for every application.



The MFK 700 with its baseplate changing system is a versatile tool for all types of tasks that deal with edge and corner routing.

Routing can be as diverse as the materials that you work on. Festool therefore presents a range of versatile all-rounders and practical specialists.

Our routers are versatile all-rounders: from the compact OF 1010 and the versatile OF 1400 to the heavy-duty OF 2200. The specialists include edge routers OFK 500, OFK 700 and MFK 700 and the aluminium composite milling machine PF 1200. All Festool routers boast a wide range of practical features. The OF 1400 router, for example, has

a FastFix cutter and tool-free copying ring changing system and is easy to operate. Festool provides not only an extensive range of routers, but also the accessories to match. Giving you unique routing systems which make your work easy. Let yourself be inspired!

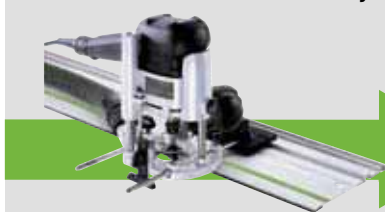


The OFK 700 also tackles curves with confidence.



Compatible system accessories make your Festool router even more versatile.

FESTOOL The system



At Festool, we do not only think in terms of tools, but also in terms of systems so that you can work more quickly, easily and efficiently.



Routing system.

These cutters produce a clean routing pattern – whether on wood or mineral material.

Router tools from page 121



Template system.

There is only one solution for producing precise cut-outs and circles: the multi-routing template by Festool.

Multi-routing template from page 108

Application overview – routing

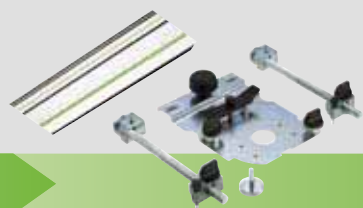
With such a large range of different applications and solutions, it is important to select the right machine. The table below will assist you here. Select the tasks you are faced with most frequently in your daily work from the left column and read the details on the following pages.

	OF 1010	OF 1400	OF 2200	OFK 500	OFK 700	MFK 700	PF 1200	KF 5
One-handed operation	●	◐		●		●		
Routing corner joints with VS 600	●	◐						
Routing cut-outs and circles with MFS 400 and MFS 700	◐	●	●					
Worktop corner joints with APS 900		◐	●					
Cutting door seals with the routing aid	◐	●	●					
Used with the hole series system	●	○						
Installed in the Compact Module System	●	●	●					
Rounding, chamfering and profiling	●	●	●	●	●	●		
Routing mineral materials	○	●	●					
Routing edge veneer flush with straight workpieces	○	○	○	●	●	●		
Routing edge veneer flush with straight workpieces while simultaneously rounding				○	●	●		
Routing edge veneer flush on curved workpieces					●	●		
Routing edge veneer flush on curves workpieces while simultaneously rounding					●	●		
Routing laminate flush	○	○	○	○	●	●		
Clamping collets for 6 and 8 mm shanks (6.35=1/4")	●	●	●	¹⁾	●	●		
Clamping collets for 8, 10 and 12 mm shanks (6.35=1/4", 9.53=3/8", 12.7=1/2..)		●	●	¹⁾				
Facing cutters with maximum dia. 32 mm						●		
Facing cutters with maximum dia. 50 mm	●	●	●					
Facing cutters with maximum dia. 63 mm		●	●					
Facing cutters with maximum dia. 89 mm			●					
Routing accurate grooves in aluminium composite board (Alucobond, Dibond)	◐						●	
Panel joints	◐ ²⁾	◐ ²⁾						
Removal of window putty and glass residues								●

○ Appropriate ◐ Very appropriate ● Extremely appropriate

¹⁾ holder required for special cutter

²⁾ in combination with the VS 600



Jointing system.

Even when assembling furniture, the guide rail with a hole series is indispensable.

Hole series system on page 105



Hole series system.

Whether they are dovetail joints, slot joints or dowel joints – a router and the VS 600 makes them easy.

VS 600 from page 110



Extraction system.

Clean results both in the workshop and on the construction site with Festool mobile dust extractors.

Mobile dust extractors from page 263

Router OF 1010



Main applications

- Rounding, chamfering, rebating and profiling edges
- Recessing metal fittings
- Grooving rear panels, recessing dovetail batons or routing plasterboard with the guide system (edging technology)
- Producing rows of holes in cabinets using the hole series system LR 32
- Fashioning wooden joints with the VS 600

Strengths and benefits

- Light weight and one-handed operation
- Quick-acting brake for improved safety (OF 1010 EBQ)
- MMC electronics for adaptation to the working material and temperature monitoring
- Routing depth adjustment to 1/10 mm
- Spindle stop for easy cutter changes
- Chip extractor integrated into the router baseplate

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Power consumption	1010 W
Power consumption	720 W
Idle engine speed	10000-24000 min ⁻¹
Idle engine speed	26500 min ⁻¹
Collet Ø	6-8 mm
Routing depth adjustment range	55 mm
Fine height adjustment range	8 mm
Connection Ø d/e	27 mm
Weight	2,7 kg

 = with MMC electronics



Router OF 1400



Main applications

- Rounding, chamfering, rebating and profiling edges
- Routing circles and cut-outs with the multi-routing template
- Grooving rear panels or recessing dovetail batons with the guide system
- Routing with the routing aid to fit Schallax, draft excluders or espagnolettes
- Routing mineral material (max. cutter Ø 45 mm)

Strengths and benefits

- Rocker and ratchet principle for convenient cutter changes
- Tool-less copying ring changes
- Torsionally rigid base plate due to guide columns on both sides
- Up to 99% dust extraction when routing with chip deflector and dust extraction hood
- Quick-acting brake and MMC electronics
- Routing depth adjustment to 1/10 mm

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Power consumption	1400 W
Idle engine speed	10000-22500 min ⁻¹
Collet Ø	6-12,7 mm
Routing depth adjustment range	70 mm
Fine height adjustment range	8 mm
Connection Ø d/e	27/36 mm
Weight	4,5 kg

 = with MMC electronics



Router OF 2200



Main applications

- Rabbeting, grooving and profiling
- Routing large cutouts, circles and arcs with the MFS routing template
- Creating worktop corner joints with the worktop template
- Routing seals and espagnolettes in windows and doors

Strengths and benefits

- Top power development and fully variable speed for hard materials and increased material thicknesses
- Ergonomic working because of the side stop that can be shifted by 30°
- Tool-free copying ring and base-runner change
- Detachable base plate for fast profile cutter adjustment

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Power consumption	2200 W
Idle engine speed	10000-22000 min ⁻¹
Collet Ø	6-12,7 mm
Routing depth adjustment range	80 mm
Fine height adjustment range	20 mm
Connection Ø d/e	36 (27) mm
Weight	7,8 kg

 = with MMC electronics



Edge router OFK 500



Main applications

- Rounding and chamfering square timber, door frames and boards
- Flush trimming of edge veneer and strip material

Strengths and benefits

- Easy to handle and lightweight
- Perfect adaptation of cutter to borehole in bench to prevent routing errors
- Stable connection between cutter and drive mechanism for maximum true- running precision
- Spindle stop for quick and easy cutter changes
- Routing depth adjustment to 1/10 mm

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Power consumption	450 W
Idle engine speed	28000 min ⁻¹
Connection Ø d/e	27 mm
Weight	1,4 kg



Edge router OFK 700



Main applications

- For protruding edges and surfaces in plastic and wood
- Rounding and chamfering edges
- Routing grooves for inserting PVC edging
- Trimming laminated board flush
- Routing edge veneer on concave and convex parts such as round tables, desktops etc.

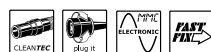
Strengths and benefits

- Detachable router table with large support surface
- Base inclined by 1.5° for excellent working results
- Routing depth adjustment to 1/10 mm
- Contact spring for smooth routing pattern
- Spindle stop for quick and easy cutter changes

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Power consumption	720 W
Idle engine speed	10000-26000 min ⁻¹
Collet Ø	6-8 mm
Maximum cutting depth, vertical	9 mm
Maximum cutting depth, horizontal	5 mm
Max. routing width	14 mm
Connection Ø d/e	27 mm
Weight	2 kg

■ = with MMC electronics



Module edge router MFK 700



Main applications

- Routing solid wood, acrylic and PVC edge veneer
- Chamfering, rounding and profiling edges
- Grooving with side stop

Strengths and benefits

- Wider application spectrum due to interchangeable router tables
- Electronic speed adjustment switch for perfect adaptation to the working material
- Motor temperature monitor for a long service life
- 130 mm table support surface for accurate routing results

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Power consumption	720 W
Idle engine speed	10000-26000 min ⁻¹
Collet Ø	6-8 mm
Fine height adjustment range	14 mm
Max. cutter diameter	32 mm
Connection Ø d/e	27 mm
Weight	1,9 kg

■ = with MMC electronics



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Routing | Machine overview

Alum. composite milling machine PF 1200



Main applications

- Fashioning 90° and 135° grooves
- Routing Alucobond and Dibond panels
- Mobile use – also with guide rail

Strengths and benefits

- Removable feeler roller for different material thicknesses
- Low weight for easy transportation and mobile applications
- Guide slot for guide rail
- Blade cutter for rapid progress and effortless precision routing
- Robust, wear-resistant design for long service life

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Power consumption	1200 W
Idle engine speed	1900-5200 min ⁻¹
Cutter diameter	118 mm
Routing depth	0-9 mm
Connection Ø d/e	27/36 mm
Weight	5,4 kg

 = with MMC electronics



Putty router KF 5



Main applications

- Removal of window putty and glass residues in preparation for reglazing
- Ideal for old wooden windows and doors with glass panes

Strengths and benefits

- Quick-acting brake for maximum safety for the operator and protection of the workpiece
- Routing depth adjustment to 1/10 mm
- MMC electronics with temperature monitor
- Metal splinterguard prevents injuries from glass splinters, nails and putty residues

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Power consumption	1010 W
Idle engine speed	10000-24000 min ⁻¹
Routing depth adjustment range	55 mm
Fine height adjustment range	8 mm
Connection Ø d/e	27 mm
Weight	3,1 kg

 = with MMC electronics



FESTOOL

OF 2200 EB

www.festool.com

Made in Germany



A host of features for perfect working results.

Profiling, grooving, rebating, and routing dovetails – these are just some of the applications of the OF 1010. It has a wide range of technical solutions at the ready for these tasks and more.

Central column clamp.
Lower and clamp without having to take your hands off the machine. It could not be easier.

Ergonomic handle.
The ergonomic handle is a significant advantage of the OF 1010. Switching on, plunge cutting, routing, lifting out – everything can be done with one hand.

plug it.
Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.

Angle arm.
The sensor arm copies the profile of workpieces in seconds. The arm runs along the profile of the original workpiece and this profile is then transferred to the workpiece being processed (available as an accessory).

Support.
The OF 1010 is fitted with a support to prevent the router from tipping over when used with the guide rail. As a result, it stays in the groove and produces the desired result.

Chip deflector.
The unique chip deflector ensures efficient dust extraction and guarantees maximum suction power when routing edges in combination with the dust extraction hood.

Precise depth setting.
The OF 1010 has a precise depth adjuster. It takes just a few seconds and minimal effort to adjust the routing depth accurate to 1/10 mm, irrespective of the cutter being used.

Integral extractor connector.
The OF 1010 has an integral extractor connector to make sure your workplace is kept clean. Just connect to a Festool CT mobile dust extractor for a clean working environment.

Router OF 1010 – The different options

E = with electronics S = with SYSTAINER

Model	E	S	Equipment/Scope of delivery	Order no.
OF 1010 EBQ-Set	●	●	Ø 8 mm clamping collet, side stop, guide rail adapter, guide rail FS 800/2, chip deflector, operation tool, in a SYSTAINER SYS 3	574234
OF 1010 EBQ-Plus	●	●	Ø 8 mm clamping collet, side stop, guide rail adapter, chip deflector, operation tool, in a SYSTAINER SYS 3	574233
OF 1010 EBQ	●	—	Ø 8 mm clamping collet, side stop, operation tool, in carton	574175
OF 1010 Q	—	—	Ø 8 mm clamping collet, side stop, operation tool, in carton	574188

Technical data, see page 94

Accessories see page 104

Why settle for anything less?



System benefits.

The OF 1010: practical and efficient thanks to the Festool system. This system allows you to adapt the router to different tasks – whether for use on the multifunction table or for perfect joints with the jointing system.



Always at the right height.

Perfect working results and no reworking with the OF 1010. The precise depth adjustment feature can be used to set the routing depth in seconds with minimal effort and with an accuracy of 1/10 mm. When you choose Festool, you choose precision.



Sensationally clean.

Routing is no longer a messy business thanks to dust extraction hood, chip deflector and CTM mobile dust extractors from Festool. During edge routing, the chips are collected at the workpiece and transported upwards into the dust extraction hood.



Always one hand free.

Whether guided independently or on the guide rail, the OF 1010 is the perfect one-handed router. Compact and lightweight, you can guide it accurately along edges, lines or curves, using only one hand.



In combination with the CMS system.

Using the OF 1010 in combination with the Compact Module System gives you a powerful bench-mounted router with virtually unlimited options. For more information, see the „Semi-stationary work with CMS“ section from page 75.



Smooth routing over corners.

The extension table guarantees excellent working results. The larger support area improves guidance around corners and edges, prevents tipping and guarantees a smooth finish.

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An impressive all-in-one package.

The 70 mm routing stroke and extensive range of accessories for the OF 1400 leave nothing to be desired. For perfect routing results and easy handling.



Precise depth setting.

The accurate play-free depth setting with zero function allows the routing depth to be adjusted quickly and without the need for recalculation. Fine adjustment accurate to 1/10 mm.



Steadfast stability.

After the routing depth is set, the router is clamped very rigidly with just a single clamping lever on both guide posts at the same time. This ensures precise results.



Quick-acting brake.

The quick stop brake ensures optimal safety when routing – the OF 1400 comes to a stop in seconds.



Change cutters in an instant.

The convenient spindle stop with rocker and ratchet principle allows you to change the cutter without removing the spanner. What a relief!



70 mm stroke.

Because of the long 70 mm routing stroke, working with large routing depths and templates or making recesses for fittings is no longer a problem.



Central clamp.

With just a single rotary knob, the guide rails of the parallel stop or other accessories can be locked or unlocked.



Tool-less copying ring changes.

You can change the copying ring on the OF 1400 without using tools. Simply unlock, remove the copying ring and slot another one in its place – no need for adjustments, the ring is already centered correctly.



99% dust extraction.

Combined with the dust extraction hood, the unique chip deflector makes the impossible possible. Up to 99% of chips are extracted during edge routing [source: Festool test workshop].

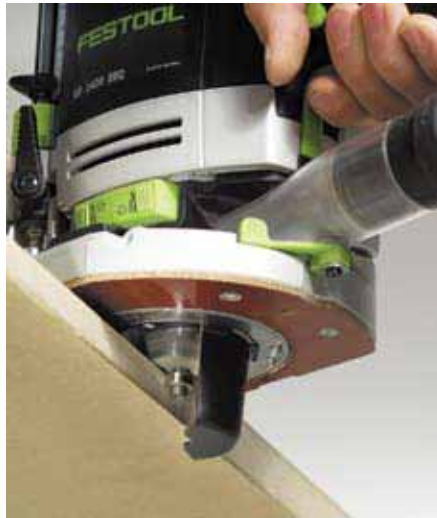
Router OF 1400			E = with electronics S = with SYSTAINER	
Model	E	S	Equipment/Scope of delivery	Order no.
OF 1400 EBQ-Plus	●	●	Ø 8 mm clamping collet, Ø 12 mm clamping collet, parallel side fence with fine adjustment and extraction hood, copy ring Ø 30 mm, extraction hood, top, chip deflector, operation tool, in a SYSTAINER SYS 4	574243

Setting new standards.



Prepared for any task.

At 4.5 kg, the OF 1400 is the lightest in its class and has an impressive 70 mm routing stroke. This is particularly useful when making recesses for fittings or routing with templates. You will find more information at www.festool.com/facts.



Take a deep breath.

The chip deflector, which can be rotated through 360°, catches the chips and wood dust and directs them straight into the dust extraction hood with connected extractor hose. This is how 99% of the chips and dust generated are extracted during edge routing (source: Festool test workshop).



Dual clamp for extra stability.

Precision routing is so easy. The column clamp on the OF 1400 acts on both guide columns simultaneously, making the machine torsionally rigid and ensuring perfect working results. You can forget time-consuming reworking.



Clunk, click, ready.

Changing the cutter on the OF 1400 is quick and easy. Activate the spindle stop via the rocker, then place the open end wrench in position and tighten or release using the ratchet principle without removing the spanner.



Adapted in seconds.

Another feature to ease your workload: tool-less copying ring changes. One click to release the ring, replacing it is just as straightforward. This feature also makes changing from a copying ring to an accessory much quicker.



Upgrade your router.

Attaching useful system accessories makes the OF 1400 even more versatile: whether you use the multi-routing template to produce cut-outs and circles or attach the routing aid, all our accessories are designed to make your daily workload lighter.

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A tool that can do everything.

More powerful, easier to use, increased comfort and safer – the OF 2200 offers the greatest low-end torque, the highest precision and the greatest ergonomic comfort. No matter what your task is – with the OF 2200, you have the solution in your hands. Because if it can be done, you can do it!

Faultless precision.
Once the routing height is set, the router can be clamped to both guide posts at the same time with only one clamping handle. This dual post clamping system guarantees accurate routing results.

Precise fine adjustment.
Cutting depth accuracy of up to 1/10 mm thanks to the clearance free depth setting with zero function. Ergonomically arranged Softgrip and drag indicator.

Powerful low-speed torque.
The electronic motor controller uses the available 2,200 watts to produce impressive low-end torque performance. The triple bearing mounted armature shaft guarantees routing with little vibration.

Convenient router bit changes.
The spindle lock, with its rocker and ratchet system, makes fast and safe router bit changes possible.

Profile cutter quickly adjusted.
By coupling the baseplate and motor unit, you can quickly move the profile cutter with the fine adjustment into the ideal position.

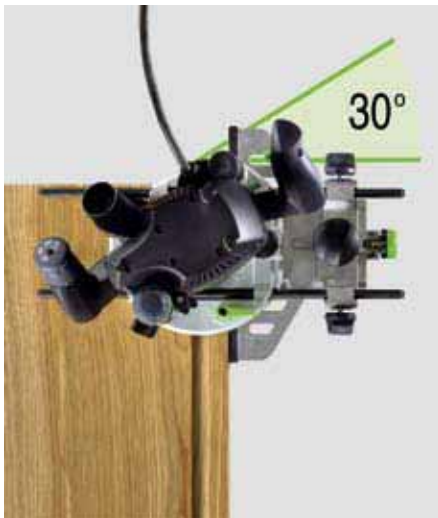
Tool-free changes.
Changing the copying ring, chip catcher and base runner using FastFix is easy – simply unlock, change, click in. Centring is automatic.

First class ergonomics.
An ergonomic work position when working with the side and guide stops is possible thanks to a guide rod support offset by 30°.

Systematic cleanliness.
The extraction ring, chip catcher and the exhaust adapter, which can be rotated by 45°, make extraction of up to 99 % possible when routing edges.

Router OF 2200 – The different options				E = with electronics S = with SYSTAINER
Model	E	S	Equipment/Scope of delivery	Order no.
OF 2200 EB-Plus	●	●	Ø 12 mm clamping collet, Ø 8 mm clamping collet, copy ring Ø 30 mm, chip deflector, operation tool, in a SYSTAINER SYS 4	574260
OF 2200 EB-Set	●	●	Ø 12 mm clamping collet, Ø 8 mm clamping collet, copy ring Ø 30 mm, chip deflector, Accessories SYSTAINER, operation tool, in a SYSTAINER SYS 4	574298

A masterpiece.



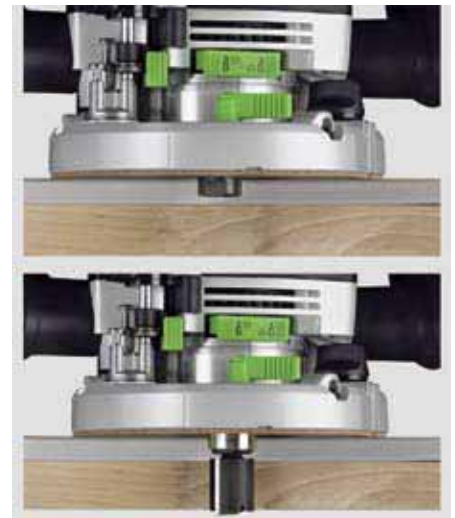
30° – it's built in.

When routing using the side stop or the guide rail, the guide rods are shifted by 30°. This means that the working position and advance direction are perfectly aligned and makes routing difficult materials and for long periods of time easier.



Operating elements within reach.

Important elements, such as the dual post clamping (1), the On-Off switch (2) and the trigger for the extraction ring (3) are convenient to operate – without having to let go of the router. This means that both hands can remain on the machine during the work operation.



Safe at depth.

A great advantage of the new OF 2200 is the 80 mm routing stroke: the collet is up to 10 mm above the baseplate and the cutters are safely clamped even when thick materials are being routed.



Working in a clean environment.

Optimal dust extraction is essential whenever fine chips are being produced. This is why a new extraction concept with an extraction ring that can be lowered was developed for the OF 2200. Up to 99 % extraction of chips is guaranteed, even when edges are routed.



Fast and precise router settings for profiles.

A masterpiece even when it comes to fine settings: by using the coupling between the baseplate and the motor unit (1), you can move the baseplate up or down in 1/10 mm steps (2). This allows you to adapt the profile cutter more easily and more exactly to your workpiece.

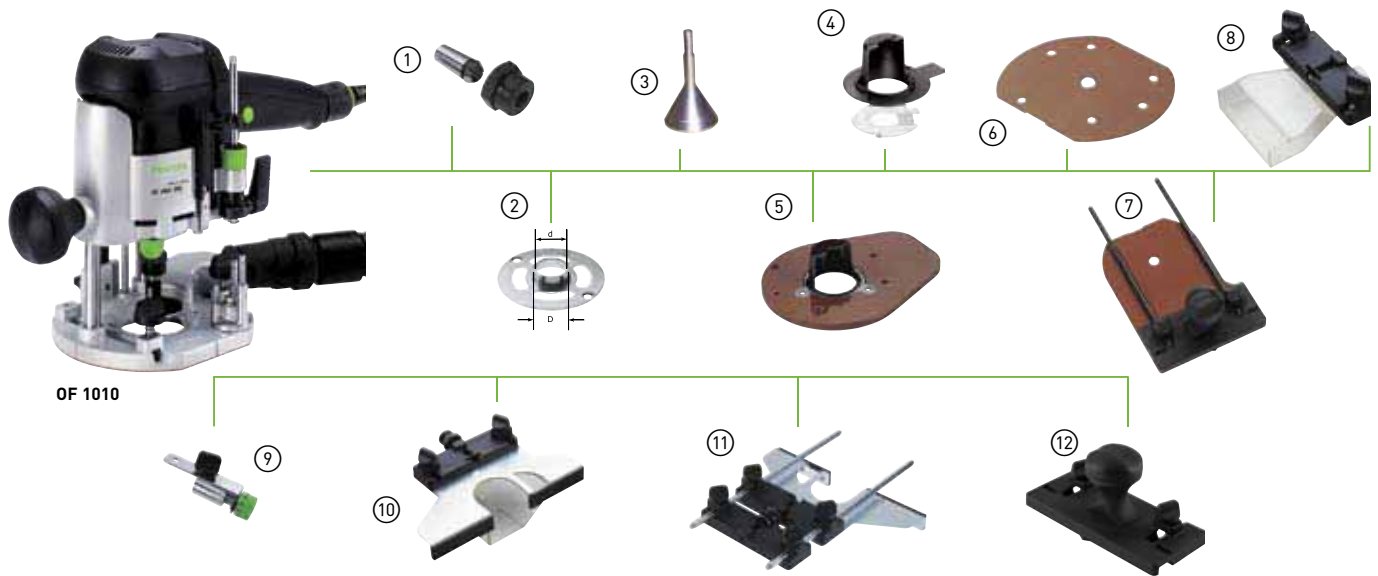


The Accessories Systainer for more flexibility.

In combination with the Accessories Systainer, the OF 2200 becomes a flexible, complete system. It lets you always have all the necessary accessories at hand. And because you can change baseplates and copying rings without the use of tools, you can quickly react to different types of tasks.

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Routing | System overview and router accessories

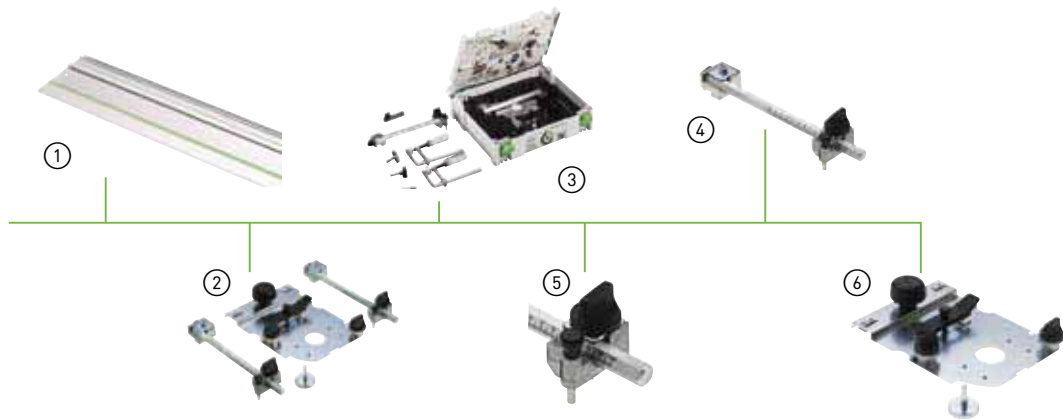


Accessories for router OF 1010, part 1 of 2

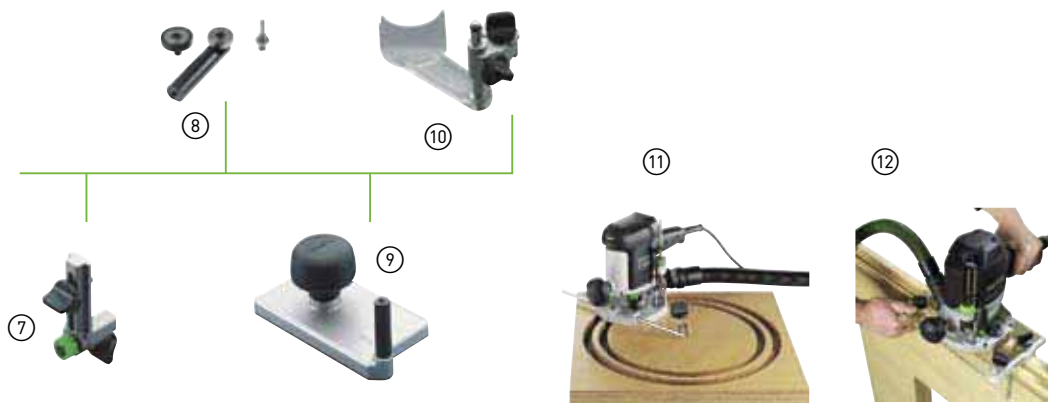
Product	Explanation	Order no.
① Collet SZ-D 6/OF 1000	for MFK/OFK 700, OF 900, OF 1000, OF 1010, KF, with locking nut, for cutter shank \varnothing 6 mm, in self-service display pack	488760
Collet SZ-D 6,35/OF 1000	for MFK/OFK 700, OF 900, OF 1000, OF 1010, KF, with locking nut, for cutter shank \varnothing 6,35 mm (1/4"), in self-service display pack	488761
Collet SZ-D 8/OF 1000	for MFK/OFK 700, OF 900, OF 1000, OF 1010, KF, with locking nut, in self-service display pack	488755
Union nut UEM/OF 900/KF	for OF 900, OF 1000, OF 1010, KF, for clamping collets, in self-service display pack	483424
② Copying ring KR-D 10,8/OF 900	for OF 900, OF 1000, OF 1010, KF, D 10,8 mm, \varnothing 7,8 mm, in self-service display pack	486029
Copying ring KR-D 13,8/OF 900	for OF 900, OF 1000, OF 1010, KF, D 13,8 mm, \varnothing 10,8 mm, in self-service display pack	484176
Copying ring KR-D17/OF 900	for OF 900, OF 1000, OF 1010, KF, D 17 mm, \varnothing 14 mm, in self-service display pack	486030
Copying ring KR-D 24/OF 900	for OF 900, OF 1000, OF 1010, KF, D 24 mm, \varnothing 21 mm, in self-service display pack	486031
Copying ring KR-D 27/OF 900	for OF 900, OF 1000, OF 1010, KF, D 27 mm, \varnothing 24 mm, in self-service display pack	486032
Copying ring KR-D 30/OF 900	for OF 900, OF 1000, OF 1010, KF, D 30 mm, \varnothing 27 mm, in self-service display pack	486033
Copying ring KR-D 40/OF 900	for OF 900, OF 1000, OF 1010, KF, D 40 mm, \varnothing 37 mm, in self-service display pack	486034
③ Centering mandrel ZD-OF/D 6,35+8	for all Festool routers, for shank support \varnothing 6.35 mm and 8 mm for centring the copying rings, in self-service display pack	492187
④ Chip deflector KSF-OF 1010	for OF 900, OF 1000, OF 1010, for sideway extraction, Aperture max. 37 mm, in self-service display pack	493180
⑤ Running pad with chip deflector LAS-OF 1010	for OF 900, OF 1000, OF 1010, for sideway extraction, running pad with support extension, Aperture max. 48 mm	493139
⑥ Hard fibre base runner TP-OF	for OF 900, OF 1000, OF 1010, KF, centre hole \varnothing 15 mm, in self-service display pack	489229
⑦ Extension table TV-OF 1000	for OF 900, OF 1000, OF 1010, KF, to increase the bearing surface when working on edges, in self-service display pack	488756
⑧ Dust-extraction attachment AH-OF 1000	for OF 900, OF 1000, OF 1010, KF, for jointing system VS 500 / VS 600 and for edge trimming	484453
⑨ Fine adjuster for guide stop FE-FS/OF 1000	for OF 900, OF 1000, OF 1010, KF, in self-service display pack	488754
⑩ Parallel side fence SA-OF 1000	for OF 900, OF 1000, OF 1010, KF	489427
⑪ Fine adjuster for parallel side fence FE-OF 1000/KF	for OF 900, OF 1000, OF 1010, KF, for fast and dimensionally accurate adjustment on the parallel side fence, can be retrofitted, in self-service display pack	483358
⑫ Guide rail adapter FS-OF 1000	for use of routers OF 900, OF 1000, OF 1010 with the FS guidance system, complete with support, in self-service display pack	488752



Hole series system

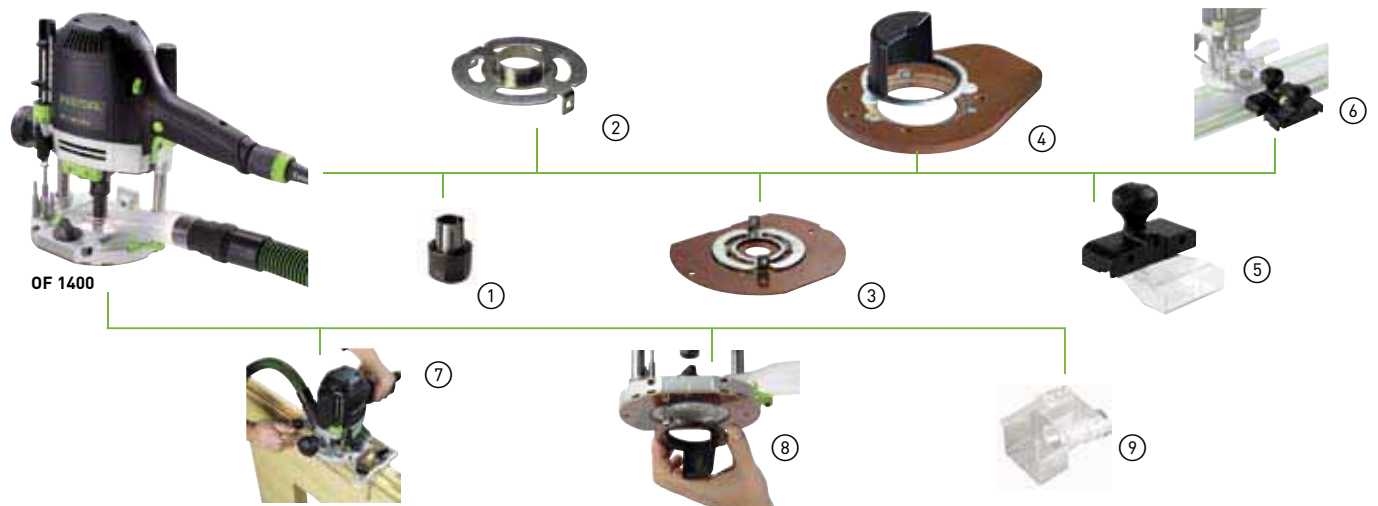


Edge trimming system


Accessories for router OF 1010, part 2 of 2

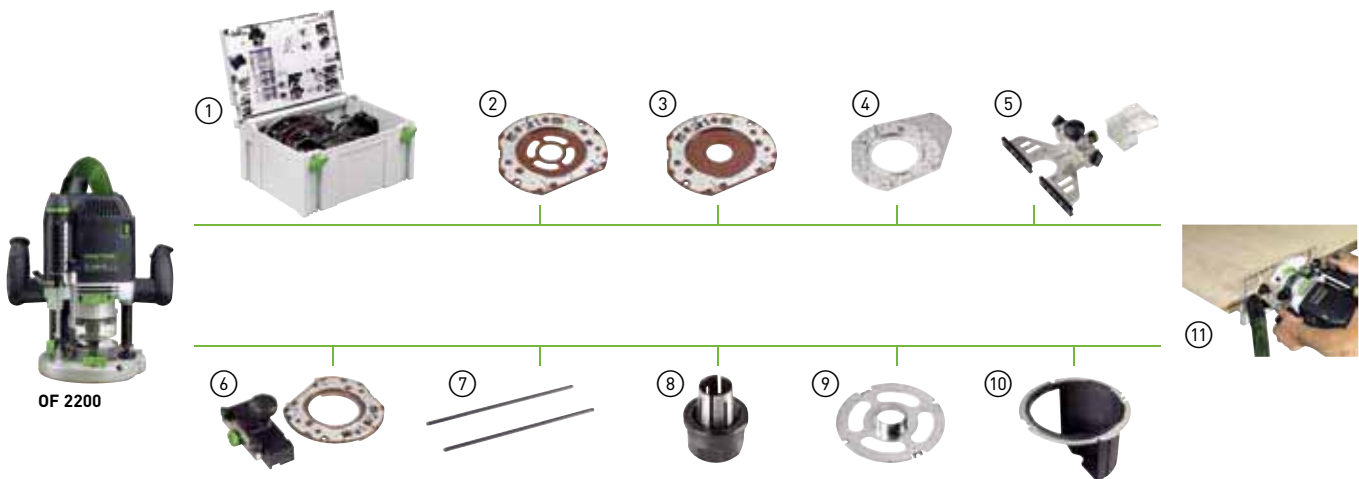
Product	Explanation	Order no.
① Guide rail FS 1080/2-LR32	with row of holes, Length 1080 mm	491621
Guide rail FS 2424/2-LR32	with row of holes, Length 2424 mm	491622
② Hole drilling set LR32 Set	guide plate, centering mandrel, 2x parallel side fence, for routers OF 900, OF 1000, OF 1010, OF 1400 in the FS-LR32 hole drilling system, in carton	583290
③ Hole drilling set LR32-SYS	guide plate, centering mandrel, operation tool, hinge location cutter cutter HM Ø 35 mm, dowel drill HW Ø 5 mm [V-shaped tip], dowel drill HM Ø 5 mm (with centring bit and pre-cutter), 2 parallel side fences with adjustable stop, 2 clamps FSZ 120, for OF 900, OF 1000, OF 1010, OF 1400, SYSTAINER size SYS 1	583291
④ Parallel side fence SA-LR32	with adjustable stop, for parallel alignment of guide rails	485758
⑤ Adjustable stop AR-LR32	for OF 900, OF 1000, OF 1010, OF 1400, for parallel side fence	485759
⑥ Guide plate FP-LR32	centering mandrel, for routers OF 900, OF 1000, OF 1010, OF 1400 in the FS-LR32 hole drilling system, in carton	494340
⑦ Angle arm WA-OF	for OF 900, OF 1000, OF 1010, OF 1400, KF, needed to copy workpieces in conjunction with the copier scanning set KT-OF, in self-service display pack	486052
⑧ Copier scanning set KT-OF	for OF 900, OF 1000, OF 1010, OF 1400, KF, copier scanning set KT-OF and angle arm WA-OF are needed to copy workpieces, in self-service display pack	486534
⑨ Edging plate UP-OF	for OF 900, OF 1000, OF 1010, KF, angle arm WA-OF and edging plate UP-OF are needed for the flush trimming of projected edges, in self-service display pack	486058
⑩ Chip guard SF-OF	for OF 900, OF 1000, OF 1010, KF, in self-service display pack	486242
⑪ Trammel unit SZ-OF 1000	for OF 900, OF 1000, OF 1010, KF, for cutting radii, circles and decorative curves on surfaces and edges, Circle Ø 153 – 760 mm, in self-service display pack	483922
⑫ Routing aid OF-FH 2200	for OF 900, OF 1000, OF 1010, OF 1400, OF 2000, OF 2200	495246
SYSTAINER SYS-OF 1010/KF	SYSTAINER size SYS 3	488447

Routing | System overview and router accessories



Accessories for router OF 1400

Product	Explanation	Order no.
① Collet SZ-D 6,35/OF 1400/2000	for OF 1400, OF 2000, with locking nut, for router shaft 6.35 mm, in self-service display pack	492141
Collet SZ-D 8,0/OF 1400/2000	for OF 1400, OF 2000, with locking nut, in self-service display pack	492005
Collet SZ-D 9,53/OF 1400/2000	for OF 1400, OF 2000, with locking nut, for router shaft 9.53 mm, in self-service display pack	492142
Collet SZ-D 10,0/OF 1400/2000	for OF 1400, OF 2000, with locking nut, for router shaft 10.0 mm, in self-service display pack	492139
Collet SZ-D 12,0/OF 1400/2000	for OF 1400, OF 2000, with locking nut, for router shaft 12.0 mm, in self-service display pack	492140
Collet SZ-D 12,7/OF 1400/2000	for OF 1400, OF 2000, with locking nut, for router shaft 12.7 mm, in self-service display pack	492143
② Copying ring KR-D 17,0/OF 1400	for OF 1400, D 17 mm, Ø 14 mm, in self-service display pack	493315
Copying ring KR-D 24,0/OF 1400	for OF 1400, D 24 mm, Ø 21 mm, in self-service display pack	492183
Copying ring KR-D 27,0/OF 1400	for OF 1400, D 27 mm, Ø 24 mm, in self-service display pack	492184
Copying ring KR-D 30,0/OF 1400	for OF 1400, D 30 mm, Ø 27 mm, in self-service display pack	492185
Copying ring KR-D 40,0/OF 1400	for OF 1400, D 40 mm, Ø 37 mm, in self-service display pack	492186
Copying ring KR-D 8,5/OF 1400	for OF 1400 / VS 600, D 8,5 mm, Ø 6,5 mm, in self-service display pack	492179
Copying ring KR-D 13,8/OF 1400	for OF 1400 / VS 600, D 13,8 mm, Ø 10,8 mm, in self-service display pack	492180
Copying ring KR-D 17,0/OF 1400	for OF 1400 / VS 600, D 17 mm, Ø 14 mm, in self-service display pack	492181
Copying ring KR-D 24,0/OF 1400	for OF 1400 / VS 600, D 24 mm, Ø 21 mm, in self-service display pack	492182
③ Base runner LA-OF 1400	for OF 1400, hard-fibre base runner with 20 mm centre bore, reduces the opening of the router to the cutter diameter, Max. cutter diameter 37 mm, in self-service display pack	492574
④ Running pad with chip deflector LAS-OF 1400	for OF 1400, for sideways extraction, running pad with support extension, Aperture max. 63 mm	493233
⑤ Dust-extraction attachment AH-OF 1400	for OF 1400 / VS 600, for sideways extraction	492585
⑥ Guide rail adapter FS-OF 1400	with fine adjustment and support for router	492601
⑦ Routing aid OF-FH 2200	for OF 900, OF 1000, OF 1010, OF 1400, OF 2000, OF 2200	495246
⑧ Chip deflector KSF-OF 1400	for OF 1400, for sideways extraction, in self-service display pack	492732
⑨ Dust-extraction attachment AH-SA-OF 2000	for the OF 1400, OF 2000, OF 2200, extractor hood for parallel side fence	489565


Accessories for the OF 2200 router

Product	Explanation	Order no.
① Accessories SYSTAINER ZS-OF 2200 M	guide rail adapter set, parallel side fence with fine adjustment and extraction hood, Guide rods, copying ring dia. 17 mm, copying ring dia. 24 mm, copying ring dia. 27 mm, copying ring dia. 40 mm, base runner D36, base runner for copying rings, extension, for OF 2200, in a SYSTAINER SYS 3	495248
② Base runner LA-OF 2200 D36 CT	for OF 2200, for copying rings < 30 mm, With openings for optimised extraction	494675
③ Base runner LA-OF 2200 D36	for OF 2200, reduces the opening of the router to the cutter diameter	494677
④ Support AFB-OF 2200	for OF 2200, support widener for safe guidance of the router at workpiece edges	494682
⑤ Parallel side fence SA-OF 2200	for OF 2200, With fine adjustment and extraction hood, Without guide rods ST-OF 2200/2	494680
⑥ Guide rail adapter FS-OF 2200	for OF 2200, With fine adjustment and support plate for router, Without guide rods ST-OF 2200/2	494681
⑦ Rod ST-OF 2200/2	for OF 2200, guide rods for side and guide stops, in self-service display pack	495247
⑧ Collet SZ-D 6,0/OF 1400/2200	for the OF 1400, OF 2000, OF 2200, in self-service display pack	494459
Collet SZ-D 8,0/OF 1400/2200	for the OF 1400, OF 2000, OF 2200, in self-service display pack	494460
Collet SZ-D 10,0/OF 1400/2200	for the OF 1400, OF 2000, OF 2200, in self-service display pack	494461
Collet SZ-D 12,0/OF 1400/2200	for the OF 1400, OF 2000, OF 2200, in self-service display pack	494462
Collet SZ-D 6,35/OF 1400/2200	for the OF 1400, OF 2000, OF 2200, in self-service display pack	494463
Collet SZ-D 9,53/OF 1400/2200	for the OF 1400, OF 2000, OF 2200, in self-service display pack	494464
Collet SZ-D 12,7/OF 1400/2200	for the OF 1400, OF 2000, OF 2200, in self-service display pack	494465
⑨ Copying ring KR-D 17,0/OF 2200	for OF 2200, D 17 mm, Ø 15 mm, in self-service display pack	494622
Copying ring KR-D 24,0/OF 2200	for OF 2200, D 24 mm, Ø 22 mm, in self-service display pack	494623
Copying ring KR-D 27,0/OF 2200	for OF 2200, D 27 mm, Ø 24 mm, in self-service display pack	494624
Copying ring KR-D 30,0/OF 2200	for OF 2200, D 30 mm, Ø 27 mm, in self-service display pack	494625
Copying ring KR-D 40,0/OF 2200	for OF 2200, D 40 mm, Ø 37 mm, in self-service display pack	494626
⑩ Chip deflector KSF-OF 2200	for OF 2200, for sideways extraction, Max. cutter diameter 80 mm, in self-service display pack	494670
⑪ Routing aid OF-FH 2200	for OF 900, OF 1000, OF 1010, OF 1400, OF 2000, OF 2200	495246

Routing | The MFS routing template

The template with all the options.

Laborious work manufacturing wooden templates and any kind of temporary solution has become a thing of the past because you can now use the Festool multi-routing template to create different-shaped cut-outs and circles with minimum effort.

Extremely versatile.

In combination with adjustable profiles and various accessories, the multi-routing template can be used for a wide range of tasks, from rectangular to round cut-outs.

Scale accurate to the millimetre.

A millimetre scale is printed along each profile, allowing you to adjust the template quickly and rout the desired cut-out or curve accurately.

Securing groove.

Because of the fastening groove for screw and lever clamps, the template can be quickly attached to the workpiece at any time.



Angle stops.

Angle stops can also be fitted to the multi-routing template to help position it accurately in relation to the workpiece.

Tilt protection.

Simply install the copying ring into the anti-tipping device and the router will rest securely. This will minimise the risk of injury and increase work quality. Compatible with Ø 24/27/30/40 mm copying rings.

Setting up your template could not be easier thanks to aluminium profiles that can be adjusted in both a lengthways and cross direction. Time-consuming searches and manufacturing templates are a thing of the past. Extension profiles between 200 mm and 2000 mm are now available for extending the basic models of the MFS 400 and MFS 700.



Producing round cut-outs with ease.



Flat cut-outs can be made simply and neatly with the MFS-FS router carriage.



Quick manufacture of corner and panel joins using the worktop routing template.





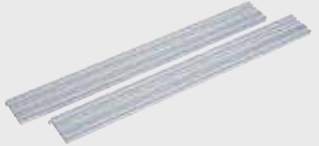

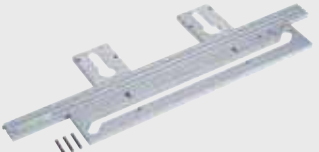

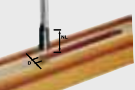
By using the MFS, even steps can be precisely routed in their stringers.

The MFS routing template – The different options

E = with electronics S = with SYSTAINER

Model	E	S	Equipment/Scope of delivery	Order no.
Routing template MFS 400	–	–	2 angle stops, tilt protection, circle routing insert, operation tool, for all routers with copying ring, for rectangular (300 x 100 mm) or curved (Ø 600 mm) cut-outs, in carton	492610
Routing template MFS 700	–	–	2 angle stops, tilt protection, circle routing insert, operation tool, for all routers with copying ring, for rectangular (max. 600 x 300 mm) or curved (max. Ø 1200 mm) cut-outs, in carton	492611

Routing templates

	Denomination and application	Type	Order no.
	Routing template for all routers with copying ring for rectangular (300 x 100 mm) or curved (Ø 600 mm) cut-outs, 2 angle stops, tilt protection, circle routing insert, operation tool	MFS 400	492610
	Routing template for all routers with copying ring for rectangular (max. 600 x 300 mm) or curved (max. Ø 1200 mm) cut-outs, 2 angle stops, tilt protection, circle routing insert, operation tool	MFS 700	492611
	Extension profile for extension of MFS 400, MFS 700 with scale, 2x profile 200 mm, longitudinal connectors with scale, 2x profile 400 mm, longitudinal connectors with scale, 2x profile 700 mm, longitudinal connectors with scale, 2x profile 1000 mm, longitudinal connectors without scale, 2x profile 2000 mm, longitudinal connectors	MFS-VP 200 MFS-VP 400 MFS-VP 700 MFS-VP 1000 MFS-VP 2000	492722 492723 492724 492725 492726
	Router carriage for MFS 400, MFS 700 for large-surface routing traverse path 600 mm, Ø copy ring 30 mm	MFS-FS	495648
	Worktop template for corner and panel connectors with depths of up to 900 mm for diameter of cutter 14 mm and copying ring 30 mm, corner connection template, profile MFS-VP 1000, 3 bolts, operation tool	APS 900	492727
	Reversible blade groove cutter HW shank 12 mm D 14 mm, NL 45 mm, GL 92 mm	HW S12 D14/45 WM	491110
	Edge trimming cutter HW shank 12 mm D 14 mm, NL 50 mm, GL 100 mm	HW S12 D14/50	491089

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Routing | Jointing system VS 600

Tradition is mandatory.

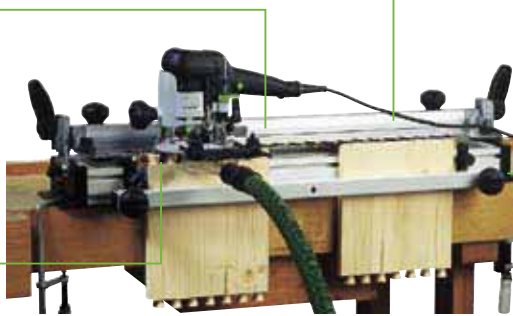
Dovetailing is one of the oldest wood-joining techniques and has always been regarded as a sign of craftsmanship, due to the care and high-quality tools required for the dovetails to fit exactly.

7 templates.

Whether you want to rout dovetail joints or slot joints, the 7 VS 600 templates will cut them quickly and easily – with a maximum working width of 650 mm (available as an accessory).

Accurate results.

The VS 600 achieves accurate results because the router, template, copying ring and cutter are fully compatible with one another.



Templates are easy to change.

The templates on the VS 600 are easy to change. Without using tools.

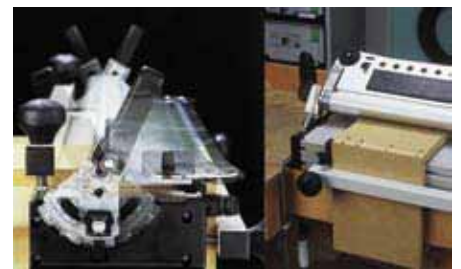
Long service life.

Solid aluminium design with steel contact bar for a long service life.

The joining system can produce joints with a maximum working width of 650 mm, depending on the joint type. It consists of a basic unit and 7 different templates. The system can be used to produce blind and exposed dovetail joints, slot joints and dowel joints.



Whether small or large dovetail joints, slot joints or dowel joints, the VS 600 can do them all.



The patented swivelling segment of the VS 600 allows dowels to be inserted in the base and sides in a single set-up.




The memory eccentric disk and simple clamping system enable accurate, repeat positioning of workpieces and templates.



To be able to route several workpieces one after the other, the template is simply folded upwards. It does not need to be removed.

Jointing system VS 600			E = with electronics S = with SYSTAINER	
Model	E	S	Equipment/Scope of delivery	Order no.
Basic unit VS 600 GE	—	—	for OF 900, OF 1000, OF 1010, OF 1400, for professional timber joints in hard and softwoods, Workpiece thickness 6 – 30 mm, Maximum workpiece length 650 mm, in carton	488876

Routing templates

	Denomination and application	Type	Order no.
	Dovetail joint template for OF 1010, OF 1400 for blind dovetail joints, tenon size 14 mm, copying ring Ø 17 mm (for OF 1010) Workpiece thickness 14 – 20 mm	VS 600 SZ 14	488877
	Dovetail cutter HS shank 8 mm for semi-covered dovetail joints SZ 14 D 14,3 mm, NL 13,5 mm, GL 46 mm, alpha 15 °	HS S8 D14,3/13,5/15°	490991
	Dovetail cutter HW shank 8 mm for semi-covered dovetail joints SZ 14 D 14,3 mm, NL 13,5 mm, GL 46 mm, alpha 15 °	HW S8 D14,3/13,5/15°	490992
	Dovetail joint template for OF 1010, OF 1400 for blind dovetail joints, tenon size 20 mm, copying ring Ø 24 mm (for OF 1010) Workpiece thickness 21 – 28 mm	VS 600 SZ 20	488878
	Dovetail cutter HS shank 8 mm for semi-covered dovetail joints SZ 20 D 20 mm, NL 17 mm, GL 49 mm, alpha 15 °	HS S8 D20/17/15°	490995
	Dovetail cutter HW shank 8 mm for semi-covered dovetail joints SZ 20 D 20 mm, NL 17 mm, GL 49 mm, alpha 15 °	HW S8 D20/17/15°	490996
	Template-kit for OF 1010, OF 1400 open dovetail joint, slot size 14 mm, copying ring Ø 8.5 mm (for OF 1010), copying ring Ø 17 mm (for OF 1010) Workpiece thickness 10 – 14 mm	VS 600 SZO 14	491152
	Dovetail cutter HW shank 8 mm for open dovetail joints SZO 14 D 14,3 mm, NL 16 mm, GL 50 mm, alpha 10 °	HW S8 D14,3/16/10°	491164
	Spiral groove cutter HW shank 8 mm for slot joints FZ 6 and open dovetail joints SZO 14 with fine precision in diameter D 6 mm, NL 16 mm, GL 50 mm	HW Spi S8 D6/16	490978
	Template-kit for OF 1010, OF 1400 for exposed dovetail joints, tenon size 20 mm, copying ring Ø 13.8 mm (for OF 1010), copying ring Ø 24 mm (for OF 1010) Workpiece thickness 14 – 25 mm	VS 600 SZO 20	491153
	Dovetail cutter HW shank 8 mm for open dovetail joint slots, SZO 20 D 20 mm, NL 26 mm, GL 58 mm, alpha 10 °	HW S8 D20/26/10°	491165

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Routing | Accessories for VS 600 jointing system

Routing templates

	Denomination and application	Type	Order no.
	<p>Slot joint template for OF 1010, OF 1400 for slot joint connections, tenon size 6 mm, copying ring Ø 8.5 mm (for OF 1010) Workpiece thickness 6 – 10 mm</p>	VS 600 FZ 6	488879
	<p>Spiral groove cutter HW shank 8 mm for slot joints FZ 10 and open dovetail joints SZO 20 with fine precision in diameter D 10 mm, NL 30 mm, GL 60 mm</p>	HW Spi S8 D10/30	490980
	<p>Spiral groove cutter HS shank 8 mm for slot joints FZ 6 and open dovetail joints SZO 14 with fine precision in diameter D 6 mm, NL 16 mm, GL 50 mm</p>	HS Spi S8 D6/16	490944
	<p>Slot joint template for OF 1010, OF 1400 for slot joint connections, tenon size 10 mm, copying ring Ø 13.8 mm (for OF 1010) Workpiece thickness 10 – 20 mm</p>	VS 600 FZ 10	488880
	<p>Spiral groove cutter HW shank 8 mm for slot joints FZ 10 and open dovetail joints SZO 20 with fine precision in diameter D 10 mm, NL 30 mm, GL 60 mm</p>	HW Spi S8 D10/30	490980
	<p>Spiral groove cutter HS shank 8 mm for slot joints FZ 10 and open dovetail joints SZO 20 with fine precision in diameter D 10 mm, NL 30 mm, GL 60 mm</p>	HS Spi S8 D10/30	490946
	<p>Jointing system dowel joint unit for OF 1010, OF 1400 dowelling joint in the 32 grid, copying ring Ø 13.8 mm (for OF 1010)</p>	VS 600 DS 32	488881
	<p>Dowel drill HW shank 8 mm with brad point D 5 mm, NL 30 mm, GL 53,5 mm D 6 mm, NL 30 mm, GL 53,5 mm D 8 mm, NL 30 mm, GL 53,5 mm D 10 mm, NL 30 mm, GL 53,5 mm</p>	<p>HW S8 D5/30 Z HW S8 D6/30 Z HW S8 D8/30 Z HW S8 D10/30 Z</p>	<p>491066 491067 491068 491069</p>

For trimming round objects.

A good finish is the icing on the cake. That is why it is important not to compromise when machining edges. In the end, the visual impression will be perfect.

Exact to 1/10 mm.

The routing depth can be adjusted accurately to 1/10 mm. The lock prevents the router table from moving during operation and is easy to operate.

Excellent true-running precision.

For the OFK 500 edge router, the cutter is positioned directly on the spindle. This permits very high run-out accuracy – and therefore the highest quality work.

Lightweight.

Low weight of only 1.4 kg and a compact shape make this edge router easy to handle.

Spindle stop.

Changing cutters is easy thanks to the spindle stop.

Hard fibre base.

The hard fibre base runner on the OFK 500 prevents the workpiece from becoming scratched or marked.



The OFK 500 weighs in at only 1.4 kg and is perfectly balanced, making it very manoeuvrable and perfect for both vertical and horizontal use. The edge router enjoys a long service life because the cutter is attached directly to the drive shaft. The cutter is seated directly on the drive shaft and the front machine ball bearing guide and does not require a clamping collet, thus minimising vibrations and preserving the ball bearing guides.



Router tool fixed directly on the drive shaft ensuring maximum true-running precision with no vibration.



The OFK 500 is also ideal for rounding edges when combined with one of a selection of chamfer ogee cutters, diameter between 2–6 mm.



The use of an edge trimming cutter is recommended to make the edge banding or coatings and laminates perfectly flush with the workpiece.



The OFK 500 can be depended on for routing attractive chamfers on edges.

Edge router OFK 500 – The different options

E = with electronics S = with SYSTAINER

Model	E	S	Equipment/Scope of delivery	Order no.
OFK 500 Q-Plus R3	–	●	ogee cutter HW R3-OFK, extraction hood, in a SYSTAINER SYS 2	574180
OFK 500 Q R3	–	–	ogee cutter HW R3-OFK, extraction hood, in carton	574184
OFK 500 Q-Plus R2	–	●	ogee cutter HW R2-OFK, extraction hood, in a SYSTAINER	574306

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The edging multitalent.

The OFK 700 EQ is a multi-talent among edge trimmers because it makes easy work of trimming edges and surface projections, irrespective of whether the workpiece is large or small, or whether the edges are curved or straight. The quick, heavy-duty detachable router table provides a stable surface area and secure guidance for the machine in any working position.

Highly effective dust extraction.
The OFK 700 extracts chips and dust in both a vertical or horizontal position with no trouble at all.

MMC electronics.
The MMC electronics quickly adapt the speed of the OFK 700 to the working material and keep it constant under load.

plug it.
Change machines with a turn of the wrist. Cable breaks will not hold you up for long. Simply replace the cable and continue your work.

Moving contact pad.
Laminated plastic edges are extremely hard and normally the cutter is only partially used. The OFK 700 has a moving contact pad to make use of the full potential of the cutter blade.

Exact to 1/10 mm.
The routing depth can be adjusted in 1/10 mm increments.

1.5° router table.
The table on the OFK 700 is inclined 1.5° to prevent the surface of the workpiece from being damaged during routing work.

Contact spring.
The contact spring compensates for unevenness on coarse edges (eg chipboard) to prevent errors from being transferred to the router and therefore to the edge of the workpiece.

0° router table.
The 0° table is used where the 1.5° router table is not the ideal solution, eg on covered or coated edges. This accessory is used to rout edges at right angles.

Edge router OFK 700 and accessories			E = with electronics S = with SYSTAINER	
Model	E	S	Equipment/Scope of delivery	Order no.
OFK 700 EQ-Plus	●	●	Ø 8 mm clamping collet, extraction hood, edge trimming cutter D 19 x 16, operation tool, in a SYSTAINER SYS 2	574200
Router table FT 0°	—	—	0° router table for cutting work at any angle	491427

Impressive both on curves and in straight lines.



Two for the price of one.

The design of the router table on the OFK 700 incorporates an opening on the support base to accommodate the veneer overhang. Veneer or strips can be routed flush and rounded at the same time using the correct Festool cutter.



Right in the middle.

Accuracy is essential when cutting grooves for edging. The depth setting on the OFK 700 can be adjusted accurately to 1/10 mm for precise, central grooves.



When the going gets rough.

When routing laminate on chipboard flush, it can be frustrating when unevenness on rough edges is transferred to the cutter and therefore to the workpiece. Thank goodness for the OFK 700! The contact spring on the OFK 700 compensates for unevenness and so minimises errors.



The curve professional.

The OFK 700 can be used in a wide range of applications, including routing concave and convex tabletops or corners of benches. Trimming laminate or solid wood veneer flush also poses no problem.



The 0° router table.

Veneer on covered or coated workpieces must be routed at an exact right angle to the surface. A 0° router table is available as an accessory for this type of task and is the only sure way of guaranteeing a secure glued joint.



Inclined router table.

The edges of coated material are routed at 1.5° via the inclined router table (included in the scope of delivery). The slight inclination of the router tool prevents you from routing into the material surface.

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Routing | Module edge router MFK 700

One router, two baseplates – you can change from one to the other in just a few steps.

Its modular construction makes the MFK 700 edge router module one of the most cost-effective tools that you can buy – only the baseplate needs to be replaced, not the entire router – and it is best equipped for all jobs that have to do with routing corners and edges. In just a few steps, install the required baseplate and then you are ready to route laminates or grooves, round off corners, make profiles and much more.

Flexible motor design.
The right motor arrangement for every application: the motor can be installed horizontally or vertically on the modular router.

MMC electronics.
Because of the MMC electronics, the speed of the OFK 700 can be quickly adapted to the working material and is kept constant under load.

Universal interface module.
By using the integrated interface, different router baseplate modules can be adapted without the use of tools.

plug it.
Change machine with a simple turn of the wrist. And if the cable breaks, you won't have to stop working for long: just replace the cable and carry on.

Quick router bit replacement.
Changing router bits is child's play with the integrated spindle lock.

Efficient dust extraction.
Because of the dust extraction that is integrated into the router baseplate, you will enjoy optimal handling and a clean workplace.

Moving contact pad.
The MFK 700 has an attachable base feeler bearing, ensuring results that are free from marks.

Module edge router MFK 700			E = with electronics S = with SYSTAINER	
Model	E	S	Equipment/Scope of delivery	Order no.
MFK 700 EQ-Set	●	●	Ø 8 mm clamping collet, parallel side fence with fine adjustment and extraction hood, 1.5° router table, tarnishing pad, extraction hood, operation tool, in a SYSTAINER SYS 2	574284
MFK 700 EQ-Plus	●	●	Ø 8 mm clamping collet, extraction hood, parallel side fence with fine adjustment and extraction hood, operation tool, in a SYSTAINER SYS 2	574414
Router table FT 0°	—	—	0° router table for cutting work at any angle	491427

Wonderfully changeable.



Sure guidance with precise results.

Because of its long baseplate with an additional handle, the MFK 700 can be surely and precisely guided to the edges of workpieces – without tipping over, even when routing over corners.



Always simple, always clean.

Using the MFK 700, you will always be able to route precisely and cleanly – the dust extraction that takes place right on the baseplate removes chips and dust without interfering with your work. This will allow you to achieve precise results without reworking.



Side stop with fine setting.

The moveable stop jaws of the side stop are installed optimally on the router and thus prevent it from tipping over. This makes perfect rebates very easy.



Perfect settings for every type of material.

Whether you have to set it with an accuracy of 1/10 mm or control its speed electronically to achieve the proper cutter speed for a particular material, the MFK 700 can be set in a way that precisely meets your needs.



The optimal baseplate for trimming excess laminate.

The 1.5° baseplate angle ensures accurate routing of coated panels. The 90° recess in the baseplate allows fast flush trimming of laminates that are glued on – even around corners.



The 0° router table.

Veneer on covered or coated workpieces must be routed at an exact right angle to the surface. A 0° router table is available as an accessory for this type of task and is the only sure way of guaranteeing a secure glued joint.

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Routing | Alum. composite milling machine PF 1200

The professional for aluminium composite panels.

Aluminium composite panels are often used at trade fairs and when erecting facades. The PF 1200 aluminium composite milling machine was developed because Festool knows what special demands are placed on a power tool. This is a tool that is extremely precise and mobile.

Dust extraction.

Efficient chip extraction with a 36 mm suction hose and a Festool mobile dust extractor.

Feeler roller brake.

Changing the feeler roller allows you to adjust the routing depth to suit different material thicknesses and a brake prevents excessive feeler roller speed.

Enclosed hood.

The hood on the panel milling machine is completely enclosed. This ensures perfect suction.



Routing depth setting.

Different routing depths can be set quickly and easily via the turret stop on the PF 1200.

Guide rail.

For precise results: the guide slot of the PF 1200 fits perfectly on the Festool guide rail – without requiring an adapter.

Routing cut indicator.

The PF 1200 has a routing cut indicator, which reliably marks the centre of the routing cut, guaranteeing accurate working results.

The PF 1200 aluminium composite milling machine is the perfect solution for anyone working regularly with aluminium composite panels. It makes groove cutting really easy, even on building sites. Precise, neat and quick – a faultless V-groove is produced on the guide rail thanks to the proven Festool circular principle and guide rail system.



Efficient chip extraction with a 36 mm suction hose and a Festool mobile dust extractor.



The technology of the PF 1200 makes it ideal for routing the edge of many different materials, for example Dibond or Alucobond.



Blade cutters and feeler rollers can be replaced allowing you to adapt the PF 1200 to different material thicknesses.



The feeler roller ensures precise routing depths. The router can only plunge into the material as far as the feeler roller allows.

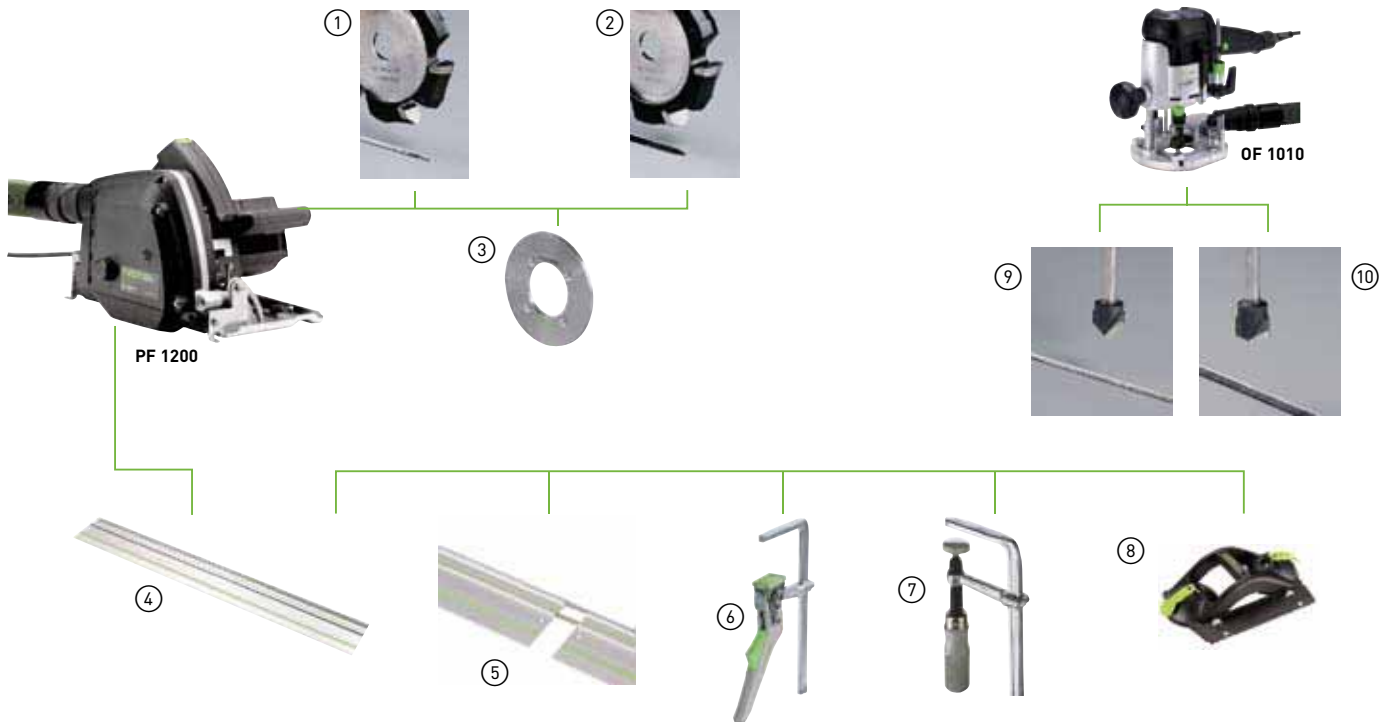
Alum. composite milling machine PF 1200 – The different options

E = with electronics S = with SYSTAINER

Model	E	S	Equipment/Scope of delivery	Order no.
PF 1200 E-Plus Dibond	●	●	V-grooving bit, D3 feeler roller, setting gauge for guide rails, operation tool, without guide rails, in a SYSTAINER SYS 4	574220
PF 1200 E-Plus Alucobond	●	●	V-grooving bit, A4 feeler roller, setting gauge for guide rails, operation tool, without guide rails, in a SYSTAINER SYS 4	574197

Technical data, see page 96

Accessories see page 119


Accessories for the aluminium composite milling machine PF 1200

Product	Explanation	Order no.
① V-grooving bit HW HW 118x14-90°/Alu	D 118 mm, alpha 90 °	491470
② V-grooving bit HW HW 118x18-135°/Alu	D 118 mm, alpha 135 °	491471
③ Feeler roller for Dibond disc cutter D2	Disc size 2 mm, in self-service display pack	491542
Feeler roller for Dibond disc cutter D3	Disc size 3 mm, in self-service display pack	491543
Feeler roller for Dibond disc cutter D4	Disc size 4 mm, in self-service display pack	491544
Feeler roller for Dibond disc cutter D6	Disc size 6 mm, in self-service display pack	491545
Feeler roller for Alucobond disc cutter A3	Disc size 3 mm, in self-service display pack	491538
Feeler roller for Alucobond disc cutter A4	Disc size 4 mm, in self-service display pack	491539
Feeler roller for Alucobond disc cutter A6	Disc size 6 mm, in self-service display pack	491540
Feeler roller for Alucobond disc cutter A8	Disc size 8 mm, in self-service display pack	491541
④ Guide rail	see „Guide system“ section, from page 291	
⑤ Connecting piece FSV	to connect guide rails for long workpieces, qty. in pack 1 piece(s), in self-service display pack	482107
⑥ Lever clamp FS-HZ 160	solid steel version, Clamping width 160 mm, qty. in pack 1 piece(s), in self-service display pack	491594
⑦ Fastening clamp FSZ 120	solid steel version, Clamping width 120 mm, qty. in pack 2 piece(s), in self-service display pack	489570
Fastening clamp FSZ 300	solid steel version, Clamping width 300 mm, qty. in pack 2 piece(s), in self-service display pack	489571
⑧ dual suction pad GECKO DOSH	see „Guide system“ section, from page 291	
⑨ V-groove cutter HW shank 8 mm HW S8 D18-90° (Alu)	D 18 mm, NL 8 mm, GL 59 mm, alpha 90 °, in self-service display pack	491444
⑩ V-groove cutter HW shank 8 mm HW S8 D18-135° (Alu)	D 18 mm, NL 3,3 mm, GL 59 mm, alpha 135 °, in self-service display pack	491443

Routing | Putty router KF 5

The specialist for window repairs.

Putty and pieces of glass can be quickly and easily removed, thanks to the 1,010 watts of power and ergonomic design concept.

MMC electronics.

Intelligent MMC electronics adapt the machine to the working material and maintains a constant speed to protect the tool.

Central column clamp.

Lower and clamp without having to take your hands off the machine. It could not be easier.

Splinterguard.

Deflects glass splinters, nails and putty residues and directs them towards the dust extractor, protecting both the user and the environment.



Ergonomic extension handle.

The ergonomic handle is a significant advantage of the Festool router. You can switch on the power tool, lower it, perform the routing task and then raise the tool up again – all with one hand.

Precise depth setting.

The KF 5 has a precise depth adjuster. It takes just a few seconds and minimal effort to adjust the routing depth accurate to 1/10 mm, irrespective of the cutter being used.

Quick-acting brake.

Safety feature when routing with the KF 5. The router tool stops in seconds before it can do any damage.

The cutter tools in the accessories programme are suitable for every type of window: when renovating windows, the combination of a putty router and ball bearing guide will remove virtually all unwanted residues. The rebating cutter removes virtually all adhesive and seal residues in preparation for window reglazing. The combination of splinterguard and dust extractor protects the user and the environment from splinters.



Removal of glass splinters, glazing sprigs and putty residues left over after window reglazing.

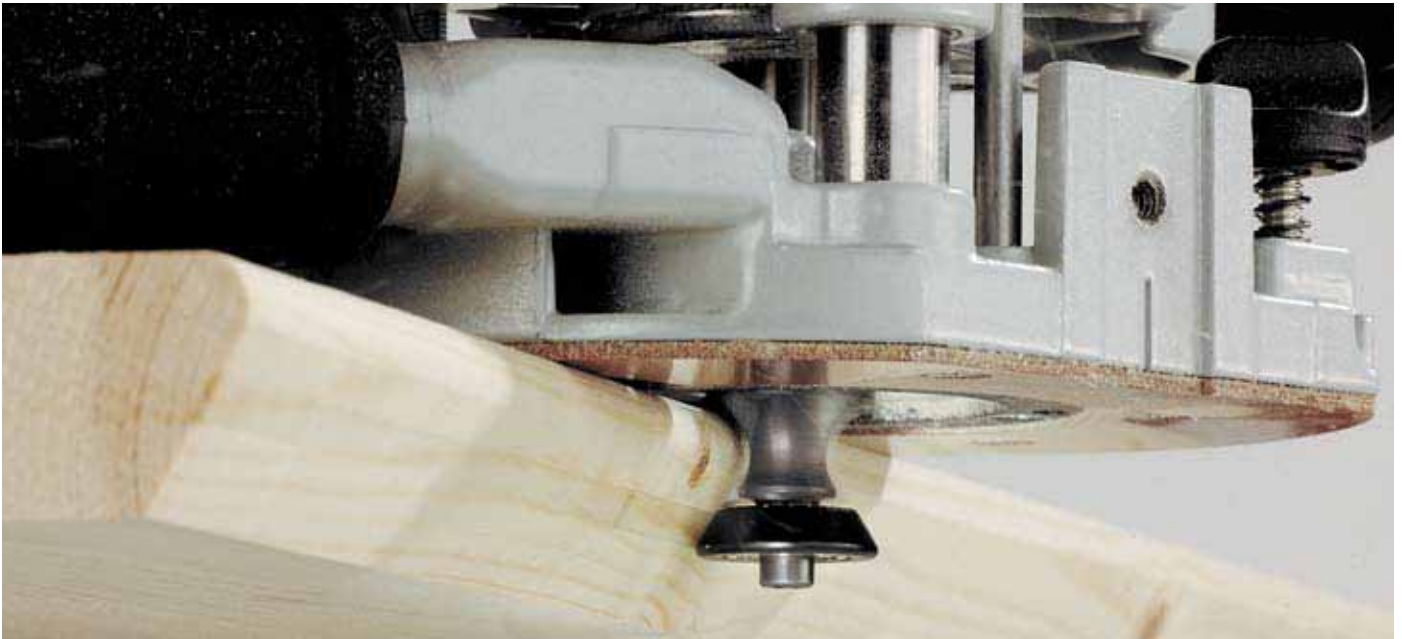


Complete removal of adhesive and seal residues when replacing existing panes with double glazing.

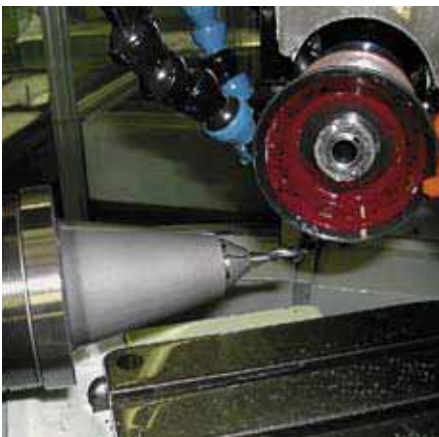
Putty router KF 5 and accessories				E = with electronics S = with SYSTAINER
Model	E	S	Equipment/Scope of delivery	Order no.
KF 5 EBQ-Plus	●	●	Ø 8 mm clamping collet, operation tool, in a SYSTAINER SYS 3	574265
Parallel side fence SA-KF/FE	—	—	with fine adjuster	483489

Technical data, see page 96

Accessories see page 137



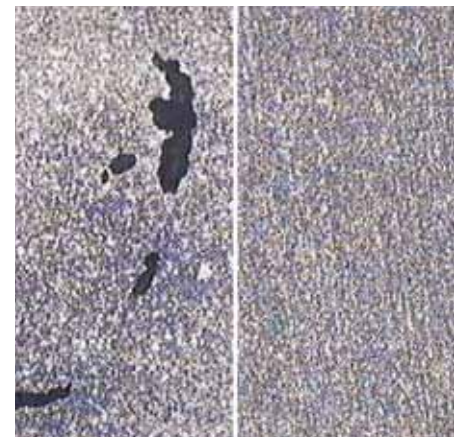
The Festool range of router cutters.



Ultra modern production lines guarantee precise routing.



Continuous production monitoring and checks guarantee consistent high quality.



Non-homogenous surface with a coarse surface structure.

Homogeneous surface in Festool's micro-grain quality.

Always one step ahead.

Festool routers are high-quality, state-of-the-art products developed for practical applications and tested, under the most rigorous conditions. Our specialised cutters for solid surface materials, for example, leave nothing to be desired: they are the result of customer-oriented ideas and comprehensive testing.

The final polish.



Top-quality steel and extremely wear-resistant tungsten carbide: induction brazing ensures durable solder joints and ultra long life. No matter which routing method you require for your application, the grinding centre with CNC-control produces extremely sharp cutters.

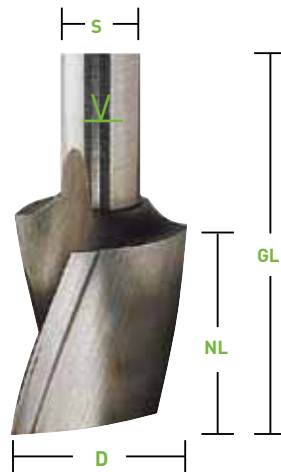
High grain density.

Festool uses tungsten-carbide alloys for its cutters, which impress with their superb micro-grain quality and density. Tungsten-carbide powder and a cobalt bonding material are fused by extreme heat and pressure. In contrast to coarse-particle structures, the fine-particle material has a long service life and produces excellent cutting results.

Dimensions at a glance:

To achieve a perfect routing pattern, the cutter should be clamped directly above the cutter head, or at least up to the marking on the drive shaft.

- GL:** Total length (mm)
- NL:** Working length (mm)
- ∅ D:** Cutter diameter (mm)
- s:** Shank diameter (mm)
-  **V** Marking for minimum clamping length
-  **n max.** = maximum router speed
- R:** Radius (mm)
- Fα:** Chamfering angle (°)
- VE:** Number of units per package



For your safety.

With Festool you are always on the safe side: only the routers conforming with EU guidelines for woodworking machines bear the MAN mark after successful testing. As a tested power tool for manual guiding they have the following features:

- Mainly circular shape
- Kickback-resistant with a limited max. routing depth of 1.1 mm
- Limited chip-clearance width 'S'

What counts in practice is the result.

Flawless surfaces and perfect profiles: a clean cut avoids time-consuming finishing work. Perfect cutting geometry and the right polishing finish ensure excellent surface quality.



Routing pattern with burnt edging.

The cutter materials.

HW = Tungsten carbide

HW router bits are mostly composed of tungsten carbide. For this reason, these router bits are particularly suitable for working on hardwoods, engineered wood, and plastics. Different versions of HW cutter are available: solid tungsten-carbide cutters, carbide-tipped cutters and cutters with reversible carbide blades.

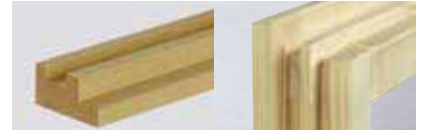
HS = High Speed steel

This steel, which can withstand high mechanical and thermal stress, is especially suitable for routing soft materials such as spruce and pine.

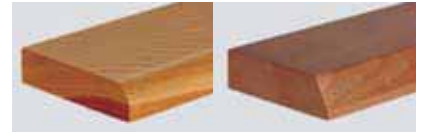


Clean routing pattern.

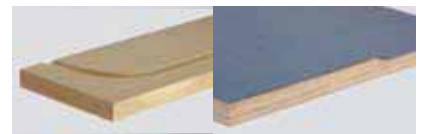
Groove and stepped cutters from page 123



Chamfer ogee cutters, chamfer cutters, flute cutters from page 125



Round nose, edge trimming and rebating cutters from page 127



VS 600, drawer pull, tongue and groove, script, V-groove and slot cutters from page 129



Dowel drills; T-slot, ogee and moulding cutters from page 131



Counterprofile cutters, smoothing cutters, facing cutters from page 133



Specialty cutters, cutters for OFK 500, OFK 700, MFK 700 and putty router from page 135

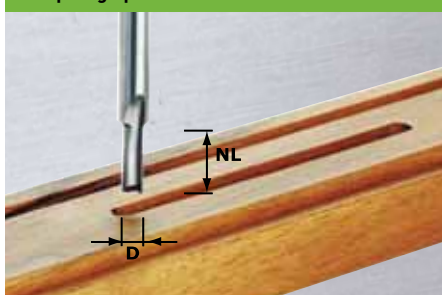


Special cutters for mineral materials from page 138



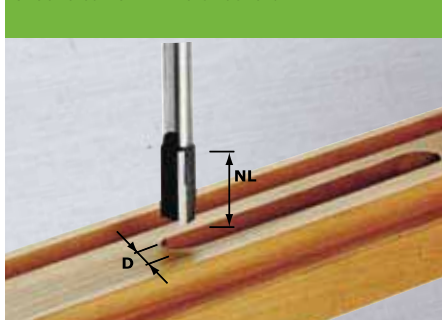
Cutters groove cutter

Solid carbide groove cutter with plunge point



HW	s = 8				
ØD	NL	GL	R	F _α	Order no.
3	6	45			490952
4	10	45			490953
5	12	45			490954
6	14	55			490955
7	17	55			490956
8	20	55			490957
8	30	60			491647

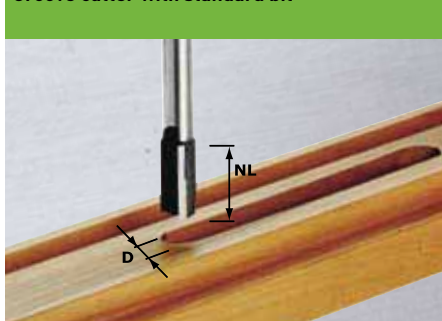
Groove cutter with standard bit



¹⁾ for slot jointing using Festool VS 600, with fine precision in diameter

HW	s = 8				
ØD	NL	GL	R	F _α	Order no.
9	23	55			490958
10	20	60			490959
10	25	60			490960 ¹⁾
10	30	60			491648
11	20	60			490961
12	20	60			490962
12	30	60			491649
13	20	60			490963
14	20	60			490964
15	20	60			490965
16	20	60			490966
16	30	65			490967
18	20	60			490968
18	30	65			490969
19	20	60			490970
20	20	60			490971
20	30	65			490972
22	20	60			490973
24	20	60			490974
25	20	60			490975
30	20	60			490976

Groove cutter with standard bit



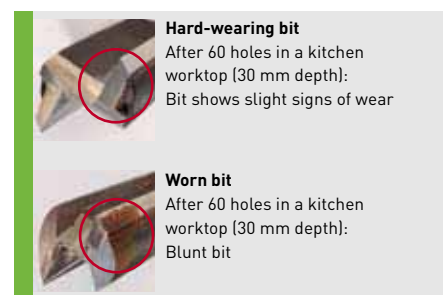
HW	s = 12				
ØD	NL	GL	R	F _α	Order no.
10	35	90			491086
12	40	90	③		491087
13.2	35	85	①		493789
14	40	85			491088
14	50	100			491089
15	35	85	②		493790
16	45	90			491090
16	60	100			491091
18	45	90			491092
20	45	90	④		491093
22	45	90			491094
24	45	90			491095
30	35	90			491096

No compromises.

This solid tungsten-carbide cutter is a heavy-duty tool. The ground tungstencarbide standard bit also has a longer service life if used for drilling board-type material.

For good reason.

If you wish to achieve quality cutting results with ease when drilling, grooving, rebating and long-hole routing, you are best advised to use the HW groove cutter. The cutter is equipped with an integral HW bit. It cuts precisely, makes drilling easier and has a long service life.



Hard-wearing bit

After 60 holes in a kitchen worktop (30 mm depth): Bit shows slight signs of wear

Worn bit

After 60 holes in a kitchen worktop (30 mm depth): Blunt bit

HW Schall-Ex and Planet groove cutter.

The perfect solution when installing automatic door seals on-site. The router, routing aid and groove cutters are fully compatible with one another.

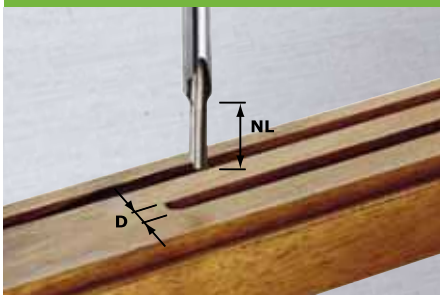
- Solid 12 mm shank for minimal vibrations and perfect results
- Advanced cutting geometry and correct cut for immaculate surfaces

Effective dimensions of seal types

Gasket	Width	Depth	Cutter type
Planet HS	13.1	30	①
Schall-Ex L	14.8	32	②
Schall-Ex RD	14.8	28	②
Draft excluders	12	40	③
Double seals	12	40	③
Schall-Ex Ultra	19.7	30	④

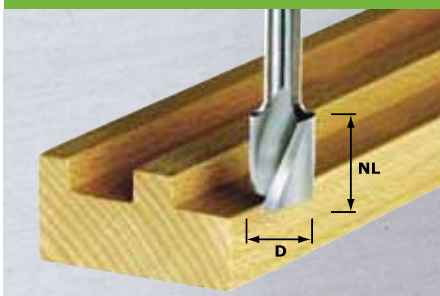
Routing | Cutters

Single-edged groove cutter with plunge point



HS						s = 8
ØD	NL	GL	R	F _α	Order no.	
3	8	45			490941	
4	15	48			490942	
5	12	50			490943	

Spiral groove cutter with plunge point

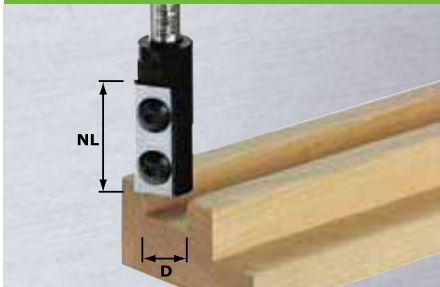


HS						s = 8
ØD	NL	GL	R	F _α	Order no.	
6	16	50			490944 ¹⁾	
8	19	50			490945	
10	30	60			490946 ¹⁾	
12	20	52			490947	
14	20	52			490948	
16	20	52			490949	
18	25	57			490950	
20	25	57			490951	

HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
4	10	45			490977	
6	16	50			490978 ¹⁾	
8	25	55			490979	
10	30	60			490980 ¹⁾	

¹⁾ for slot jointing using Festool VS 600, with fine precision in diameter

Single-edged indexable insert groove cutter with plunge point



HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
8	20	50			491078	
10	25	55			491079	
12	30	61			491080	
14	30	66			492715	
16	30	70			492716	
18	30	70			492717	

Replacement blade	dia. 8	20x4.1	491386
VE 4 pcs.	dia. 10	25x5.5	491387
	dia. 12	30x5.5	491388
	dia. 14	30x5.5	491388

Pre-cutting blade	dia. 16	7.6x12	491390
VE 4 pcs.	dia. 18	7.6x12	491390

Main blade	dia. 16	30x12	491393
VE 4 pcs.	dia. 18	30x12	491393

Multi-talented.

The HS spiral groove cutter and the HW solid carbide spiral groove cutter: with fast rate of advance for grooving, rebating, long-hole cutting, drilling and copy routing. They operate quickly, powerfully and are pleasantly quiet. The chips are drawn upwards through the spiral cutter and extracted from there. The routed groove remains permanently clean.



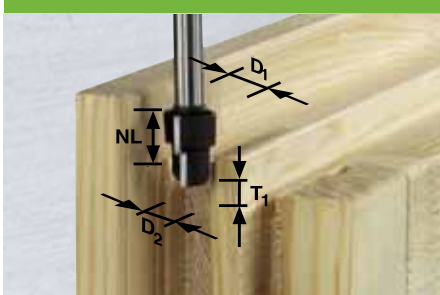
Its efficiency speaks for itself.

The HW reversible blade cutters have the following excellent properties:

- The reversible blades ensure continual routing precision and consistent dimensions
- No sharpening, minimal downtimes
- Faster blade changes ensure sharp routing tools at all times
- Extremely economical because the reversible blade can be turned around.

Stepped cutters

Stepped cutters



HW						s = 12
ØD1	ØD2	T1	NL	GL	Order no.	
16.3	12.3	9.3	14	80	492713	
20.3	12.3	9.3	14	80	492714	

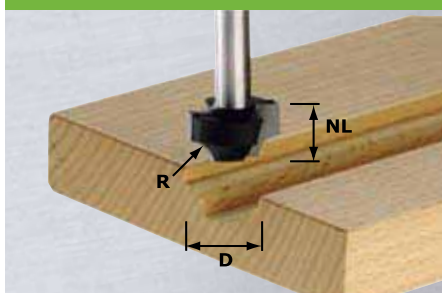
Two ideal partners.

The stepped cutter and the Festool routing aid can be used to rout windows and house doors quickly and precisely, making sure they do not tilt or wobble.



Chamfer ogee cutters, chamfer cutters, flute cutters

Ovolo edge cutter

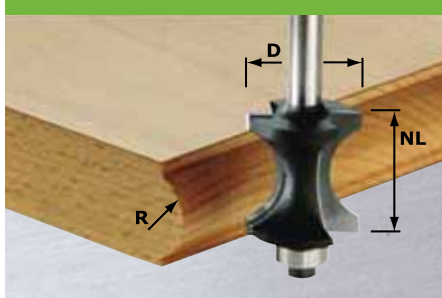


HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
17	10	40	3		491004	
19	11	41	4		491005	
21	12	42	5		491006	
23	13	45	6		491007	
27	15	45	8		491008	

Ovolo edge cutter with standard bit.

For decorative fronts using imitation panelling. The ground plunge point makes it possible to plunge-cut into middle of the furniture face.

Half-round cutter with ball bearing guide

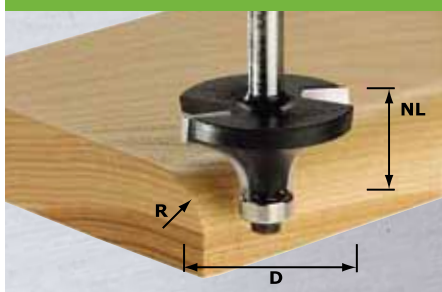


HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
27	30	70	12		491139	
Repl. b/bg guide		dia. 12.7			491383	
VE 2 pcs.						

For the complete job.

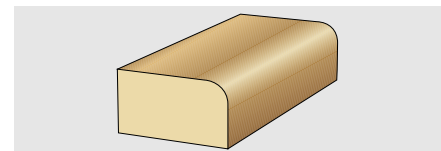
For decorative board edging the HW halfround cutter does a great job. It is perfectly designed for 28 mm thick laminated wood board. Its ball bearing guide guides the router directly along the template and ensures that curved parts can also be profiled.

Chamfer ogee cutter with 2 ball bearing guides

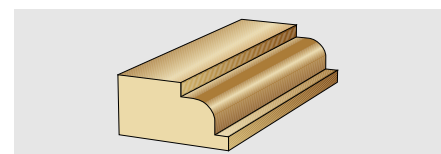


HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
16.7	9	49	2		491009 ¹⁾	
18.7	10	50	3		491010 ¹⁾	
20.7	11	51	4		491011 ¹⁾	
22.7	12	52	5		491012 ¹⁾	
25.5	13.5	54	6.35		491013 ¹⁾	
28.7	15	55	8		491014 ¹⁾	
31.7	16.5	56	9.5		491015 ¹⁾	
38.1	19	59	12.7		491016 ¹⁾	
42.7	22	62	15		491017 ¹⁾	

One tool – two uses.



With ball bearing guide dia. 12.7 mm for rounding.

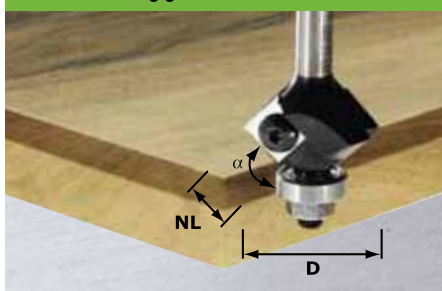


With ball bearing guide dia. 9.5 mm for beading.

HW						s = 12
ØD	NL	GL	R	F _α	Order no.	
43	22	72	15		491106	
63	32	82	25		491107	
Repl. b/bg guide		dia. 12.7			491383	
VE 2 pcs.		dia. 9.5			491382	

¹⁾ Ball bearing guide, dia. 12.7 mm and ball bearing guide, dia. 9.5 mm included

Turning plate slot cutter and ball bearing guide



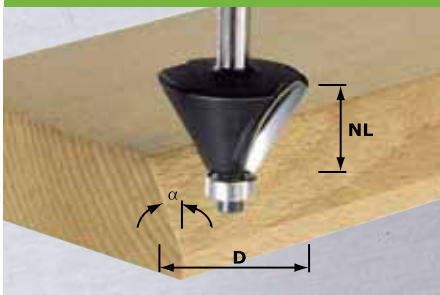
HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
30.5	12	62		45°	491084	
Repl. b/bg guide		dia. 15.88			491384	
VE 2 pcs.						
Replacement cutter		12 x 12			491391	
VE 4 pcs.						

Precisely calculated.

The edge trimming cutter with HW reversible blades is the ideal tool if you attach great importance to a long service life, outstanding economic efficiency and constant precision. Purchase one reversible blade and you receive four cutter service lives. You thus save on follow-up costs because the cutter can be reversed.

Routing | Cutters

Chamfer cutter with ball bearing guide



HW						s = 8
ØD	NL	GL	R	Fα	Order no.	
20	14	54		10°	491023	
Repl. b/bg guide				dia. 15.88	491384	
VE 2 pcs.						

HW						s = 8
ØD	NL	GL	R	Fα	Order no.	
25.7	25.1	70		15°	491132	
24	10	50		30°	491024	
38.5	23	64.5		30°	491133	
36	11.5	53		45°	491025	

HW						s = 12
ØD	NL	GL	R	Fα	Order no.	
44	30	80		30°	491101	
55	26	76		45°	491102	
Repl. b/bg guide				dia. 12.7	491383	
VE 2 pcs.						

An unbeatable team.

With these shank cutters, you can also produce this familiar edge shape – commonly found in industry – with a portable router. Here the chamfer cutter and classic ogee cutter with conical ball bearing guide work together perfectly.

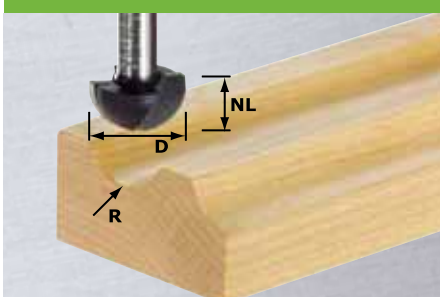


Classic ogee cutter with ball bearing guide



HW						s = 8
ØD	NL	GL	R	Fα	Order no.	
17.5	19	61.5	6	15°	491134	
23.1	19	60.5	6	30°	491135	
31.4	18.5	60.5	6	45°	491136	
Repl. b/bg guide				15°	491403	
VE 2 pcs.				30°	491404	
				45°	491405	

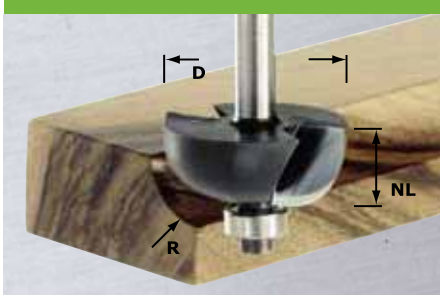
Flute cutter



HW						s = 8
ØD	NL	GL	R	Fα	Order no.	
8	8	38	4		490983	
12.7	10	40	6.35		490984	
16	11	41	8		490985	
19.4	11	41	9.7		490986	
25.4	14	44	12.7		490987	

HW						s = 12
ØD	NL	GL	R	Fα	Order no.	
25.4	18	58	12.7		491103	
30	20	60	15		491104	
40	25	65	20		491105	

Flute cutter with ball bearing guide

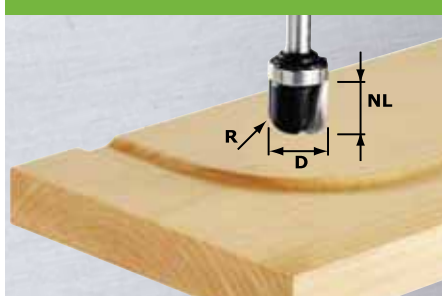


HW						s = 8
ØD	NL	GL	R	Fα	Order no.	
25.5	12.7	54	6.35		491018	
28.8	14	56	8		491019	
31.7	14.3	56	9.5		491020	
38.1	16	57	12.7		491021	
Repl. b/bg guide				dia. 12.7	491383	
VE 2 pcs.						



Round nose, edge trimming and rebating cutters

Round nose cutter with ball bearing guide.

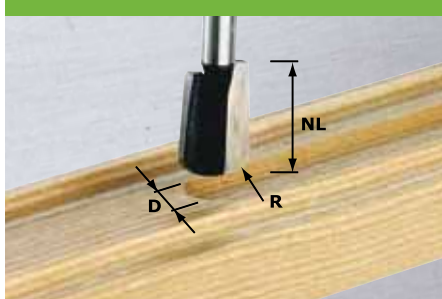


HW						s = 8
ØD	NL	GL	R	F α	Order no.	
19	16	53	6.4		490982	
Repl. b/bg guide			dia. 19		491396	
VE 2 pcs.						

Routing without a copying ring.

This cutter can produce curved or round water channels 1:1 without any problem using a template. Time-consuming calculation of curves and distances is no longer necessary.

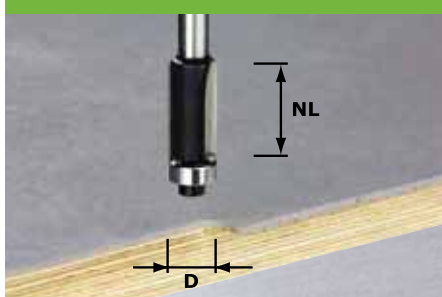
Round nose cutter



HW						s = 8
ØD	NL	GL	R	F α	Order no.	
16	25	65	5		490981	



Edge trimming cutter with ball bearing



HW						s = 8
ØD	NL	GL	R	F α	Order no.	
12.7	25	65		0°	491027 ¹⁾	
19	25			0°	491028 ²⁾	
Repl. b/bg guide			dia. 12.7		491383	
VE 2 pcs.						
Repl. b/bg guide			dia. 19		491396	
VE 2 pcs.						

¹⁾ dia. D 12.7 = bottom ball bearing guide

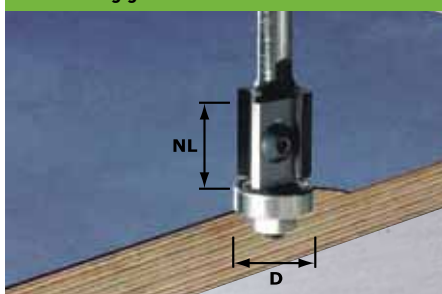
²⁾ dia. D 19 = bottom ball bearing guide

Through thick and thin.

The HW template router is the ideal tool for simple 1:1 copy routing thanks to its large ball bearing guide.



Turning plate slot cutter and ball bearing guide



HW						s = 8
ØD	NL	GL	R	F α	Order no.	
19	20	64		0°	491082	
Repl. b/bg guide			dia. 19		491385	
VE 2 pcs.						
Replacement cutter			20x12		491392	
VE 4 pcs.						

Precision – even after sharpening.

When sharpening blunt edges on conventional cutters, the diameter aligned to the ball bearing guide normally decreases. This causes a ridge to form when edges are trimmed flush after the bit is sharpened. The turning plate slot cutter and ball bearing guide maintain a high level of precision.

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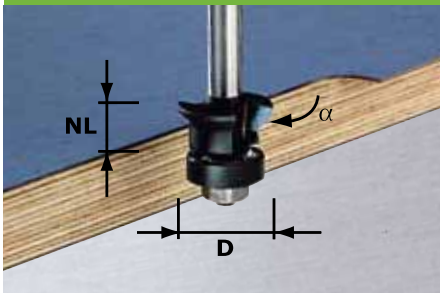
15

16

17

Routing | Cutters

Edge trimming chamfer cutter with ball bearing guide

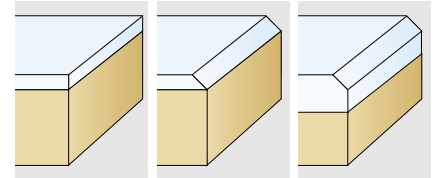


HW					s = 8
ØD	NL	GL0	Fα	Order no.	
24	11	54	0/45°	491026	
Repl. b/bg guide			dia. 18	491400	
VE 2 pcs.					

One tool – three uses.

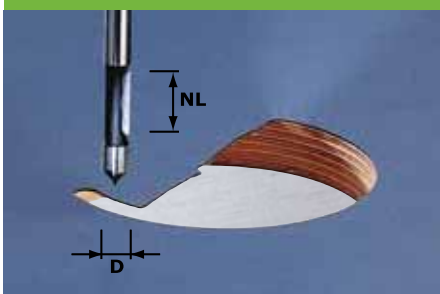
Flush trimming of protruding coatings at a right angle, with a 45° chamfer or even both in one working process.

The plasticcoated ball bearing guide does not leave any marks and protects the edge of the workpiece.



Flush Chamfered Flush + chamfered

Drilling cutter

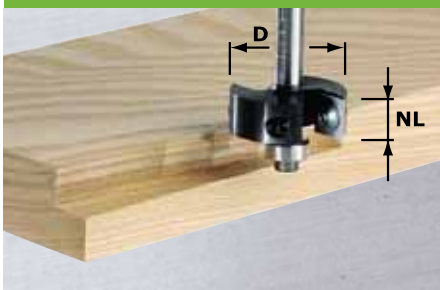


HW					s = 8
ØD	NL	GL	R	Fα	Order no.
8	19	65			491037

Plunge cut - finished.

The drilling cutter plunges directly into the laminate without requiring pre-drilling and trims the prepared contour flush when guided along the side face.

Reversible blade rebating cutter set with 5 ball bearing guides

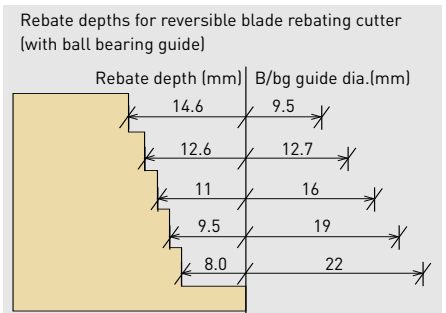


HW					s = 8
ØD	NL	GL	R	Fα	Order no.
38	12	53.7			491085 ¹⁾
Replacement cutter			12x12	491391	
Repl. b/bg guide-Set			491406		
1x dia. 9.5 / 1x dia. 12.7 /					
1x dia. 16 / 1x dia. 19 /					
1x dia. 22					

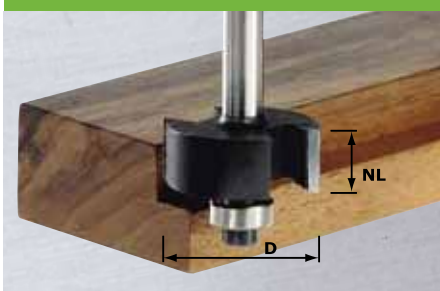
¹⁾Includes: ball bearing set from dia. 9.5 mm to dia. 22 mm

Amazingly versatile.

Change ball bearings to rout to 5 different rebate depths with only one basic bit.

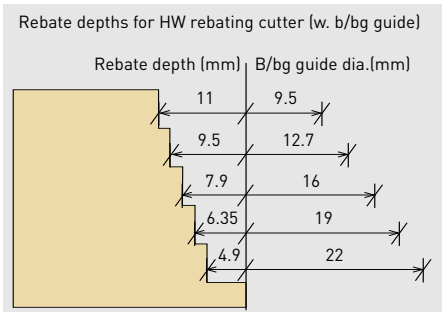


Rebating cutter with ball bearing guide dia. 12.7 mm



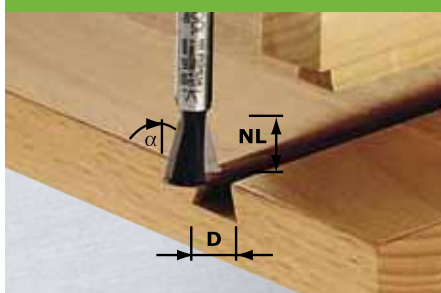
HW					s = 8
ØD	NL	GL	R	Fα	Order no.
31.7	12.7	54			491022 ¹⁾
Repl. b/bg guide			dia. 12.7	491383	
VE 2 pcs.					
Repl. b/bg guide-Set			491406		
1x dia. 9.5 / 1x dia. 12.7 /					
1x dia. 16 / 1x dia. 19 /					
1x dia. 22					

¹⁾Includes: 1 ball bearing dia. 12.7 mm with rebate depth 9.5 mm



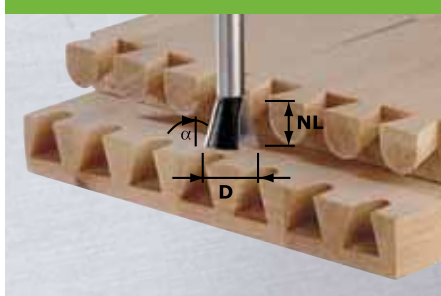
Cutters for VS 600

Dovetail cutter with spur



HW						s = 8
ØD	NL	GL	R	F α	Order no.	
14.3	13.5	46		15°	490990	
HS						s = 8
ØD	NL	GL	R	F α	Order no.	
14.3	13.5	46		15°	490988	

Dovetail cutter



HW						s = 8
ØD	NL	GL	R	F α	Order no.	
14.3	13.5	46		15°	490992 ¹⁾	
16	13.5	46		15°	490993	
20	17	49		15°	490996 ¹⁾	
14.3	16	50		10°	491164 ²⁾	
20	26	58		10°	491165 ²⁾	
HS						s = 8
ØD	NL	GL	R	F α	Order no.	
14.3	13.5	46		15°	490991 ¹⁾	
20	17	49		15°	490995 ¹⁾	
HW						s = 12
ØD	NL	GL	R	F α	Order no.	
16	12	55		15°	491097	
HS						s = 12
ØD	NL	GL	R	F α	Order no.	
20	14	57		15°	491098	
24	15	58		15°	491099	
30	18	60		15°	491100	

For use with the VS 600 joining system:

¹⁾ for semi-covered dovetail joints

²⁾ for open dovetail joints

Good jointing.

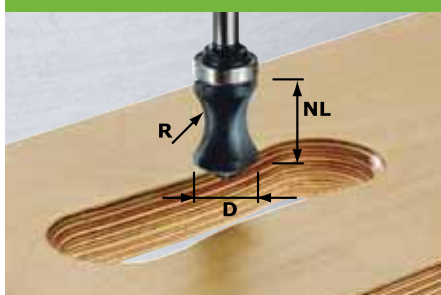
Perhaps the most useful application for the dovetail cutter is dovetail jointing.

It is possible to produce traditional open and hidden dovetail joints in no time at all using the matching router, template and router tool system.



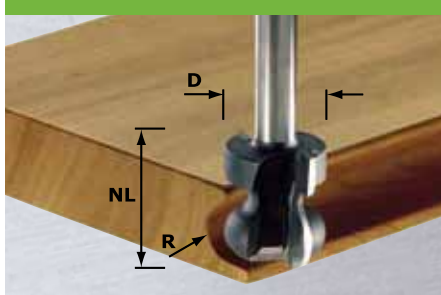
Drawer pull cutters

Hand hole cutter with ball bearing



HW						s = 8
ØD	NL	GL	R	F α	Order no.	
19	32	68	16		491033	
Repl. b/bg guide					dia. 19	491396
VE 2 pcs.						

Hand rail cutter



HW						s = 8
ØD	NL	GL	R1	R2	Order no.	
22	16	59	2.5	6	491140	

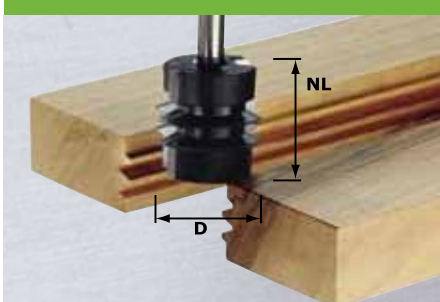
Concealed grip.

The concealed grip is an elegant alternative to visible fittings, which may spoil the overall appearance of a workpiece.



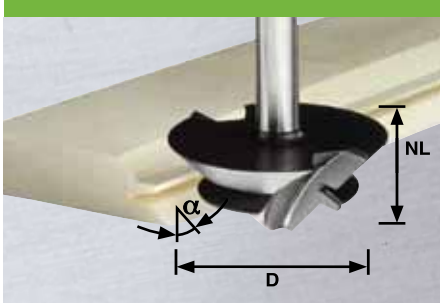
Tongue and groove cutters, script cutter, V-groove cutter and slot cutters

Mitre tongue and groove cutter



HW		s = 8				
ØD	NL	GL	R	F α	Order no.	
34	32	62			491034	

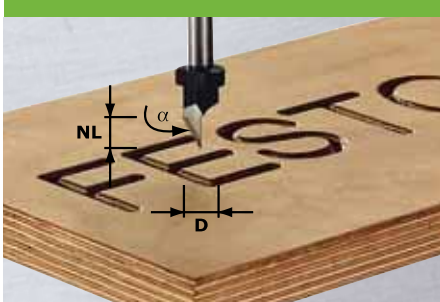
Mitre tongue and groove cutter



HW		s = 12				
ØD	NL	GL	R	F α	Order no.	
64	27	67		45°	492709	

n max. 22,000

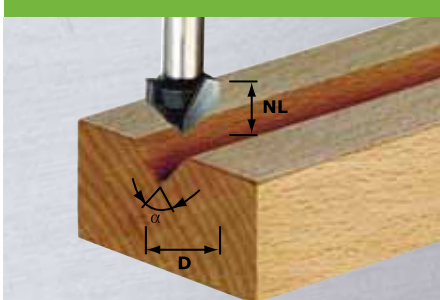
Script cutter



HW		s = 8				
ØD	NL	GL	R	F α	Order no.	
11	9.5	55		60°	491003	

HS		s = 8				
ØD	NL	GL	R	F α	Order no.	
11	9.5	55		60°	491002	

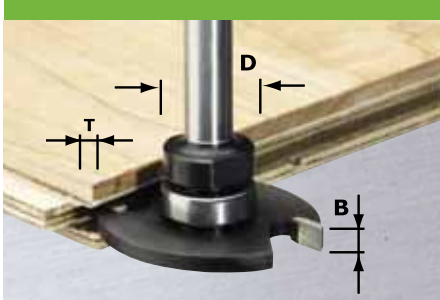
V-groove cutter



HW		s = 8				
ØD	NL	GL	R	F α	Order no.	
14	7	50		90°	490999	

HS		s = 8				
ØD	NL	GL	R	F α	Order no.	
11	9.5	50		60°	490997	
14	7	50		90°	490998	

Parquet cutter

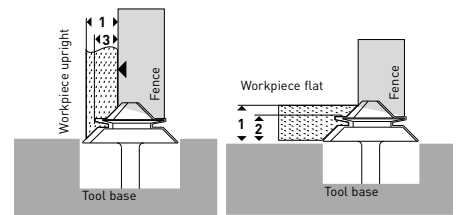


HW		s = 8				
ØD	NL	T	GL	F α	Order no.	
40	4	12	46		496054	

Repl. slot cutting blade dia. 40x4 496055

Settings table for tongue and groove cutters

Wood thickness - 1	Height, Y dimension - 2	Fence, X dimension - 3
12	9.2	8.8
13	9.7	9.3
14	10.2	9.8
15	10.7	10.3
16	11.2	10.8
17	11.7	11.3
18	12.2	11.8
19	12.7	12.3
20	13.2	12.8
21	13.7	13.3



Ideal for decorative veining.

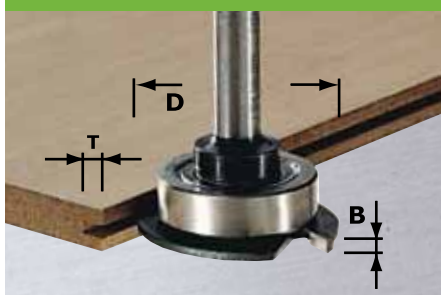
The V-groove cutter is the right choice for decorative veining on pieces with flush joints – e.g. door frames, furniture frame joints and furniture components.

Extremely versatile.

The flush fastening of the slot cutting blade permits groove routing close to the bottom of the piece. The cutter is also suitable for routing door seal slots on door frames and jambs.

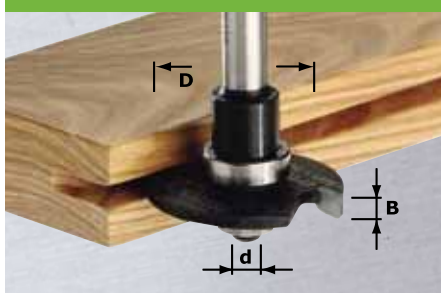


Laminate cutter



HW	s = 8				
ØD	B	T	GL	F _α	Order no.
40	2.8	6	47.5		491063
Repl. b/bg guide			dia. 28		491397
VE 2 pcs.					
Repl. slot cutting blade					490421

Disc groove cutter



HW	s = 8				
ØD	B	d	R	F _α	Order no.
40	1.5	6			491038 ¹⁾
40	1.8	6			491039 ¹⁾
40	2	6			491040 ¹⁾
40	2.5	6			491056 ¹⁾
40	3	6			491057 ¹⁾
40	3.5	6			491058 ¹⁾
40	4	6			491059 ¹⁾
40	5	6			491060 ¹⁾

¹⁾Without cutter spindle

Cutter spindle

Not shown

Cutter spindle with ball bearing guide

See illustration on right

s = 8					
ØD	B	d	GL	F _α	Order no.
16		6	58		491062

s = 8					
ØD	B	d	GL	F _α	Order no.
16		6	58		491061
28		6	53		491557
Repl. b/bg guide			dia. 16		485300
VE 2 pcs.					
Repl. b/bg guide			dia. 28		491397
VE 2 pcs.					

For sealed doors.

A cutter spindle with ball bearing guide D 28 and disc groove cutter with a width of 4 mm are ideal for routing door seals in door frames.



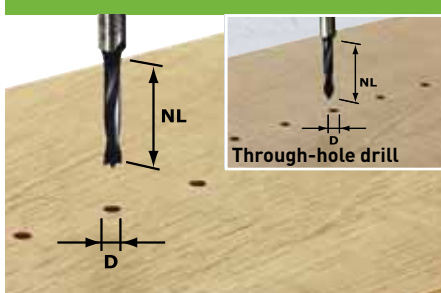
Hinge location bits and dowel drills

Hinge location cutter



HW	s = 8				
ØD	NL	GL	R	F _α	Order no.
15		54.5			491070
18		54.5			491071
20		54.5			491072
22		54.5			493263
25		54.5			491073
26		54.5			491074
30		54.5			491075
34		54.5			491076
35		54.5			491077

Dowel drill



HW	s = 8				
ØD	NL	GL	R	F _α	Order no.
3	16	55			491065 ^{1) 2)}
5	30	53.5			491066 ^{2) 3)}
6	30	53.5			491067 ²⁾
8	30	53.5			491068 ²⁾
10	30	53.5			491069 ²⁾

HW	Through-hole drill					s = 8
ØD	NL	B	R	F _α	Order no.	
5	30	53.5			491064 ²⁾	

¹⁾ Without pilot spur ²⁾ For drilling series of holes

³⁾ For use with the dowel unit from the VS 600 jointing system

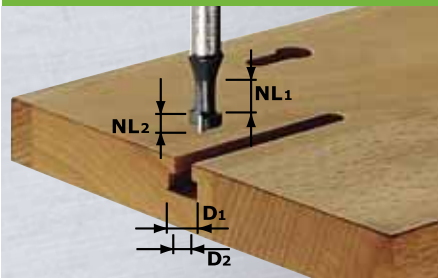
Accurate dimensioning with System 32.

The LR 32 hole series system makes routing a row of holes for shelves and false floors amazingly simple. The holes for hinge fittings are also cut accurately in-between with the System 32 grid.



T-groove cutter

T-groove cutter



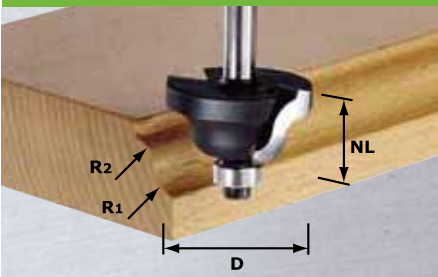
HW					s = 8
ØD1	ØD2	NL1	NL2	F _α	Order no.
10.5	6	9	5		491035

Excellent for special tasks.

For cutting T-grooves and shaped holes (keyholes) in solid wood and panel material.

Roman ogee and facing cutters

Roman ogee cutter with ball bearing guide

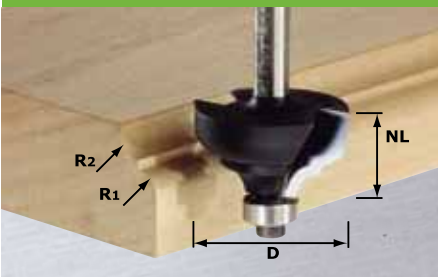


HW					s = 8
ØD	NL	GL	R1	R2	Order no.
31.7	13	53	4	4	491029
38.1	19	59	6.35	6.35	491030
Repl. b/bg guide			dia. 12.7		491383
VE 2 pcs.					

Your friend and helper.

The multifunction table MFT is indispensable for profiling workpieces on all four sides (from page 86). The workpiece is clamped securely to give you a perfect routing cut.

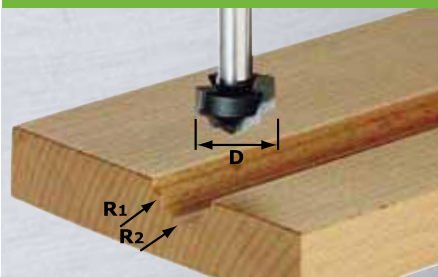
Multi profile cutter with ball bearing guide



HW					s = 8
ØD	NL	GL	R1	R2	Order no.
36.7	21	61	6	6	491031
Repl. b/bg guide			dia. 12.7		491383
VE 2 pcs.					



Facing cutter

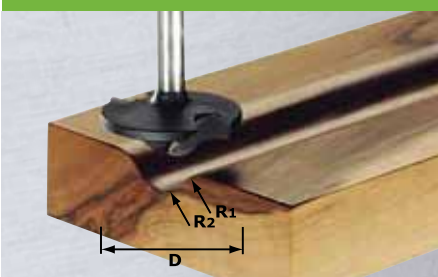


HW					s = 8
ØD	NL	GL	R1	R2	Order no.
19	12.5	54	5	4	491032

For the ambitious.

You can cut impressive panelling or bays using the facing cutter and the matching template.

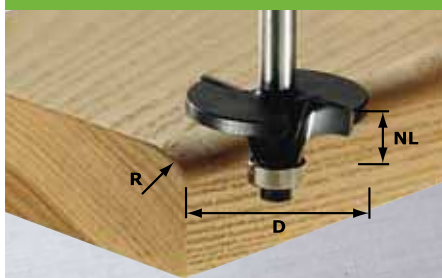
Facing cutter



HW					s = 8
ØD	NL	GL	R1	R2	Order no.
42	13	50	6	12	491137



Table edge cutter with ball bearing



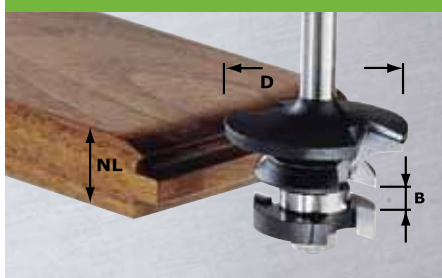
HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
42	14	54	6		491131	
Repl. b/bg guide dia. 12.7						491383
VE 2 pcs.						

Simple and exact.

It could not be easier: This new facing cutter with its long-drawn radius is the ideal power tool for rounding furniture fronts, tabletops, benches or chairs. Curved and round parts can also be rounded easily with this tool.

Counterprofile and facing cutters

Stile and rail cutter, male with ball bearing

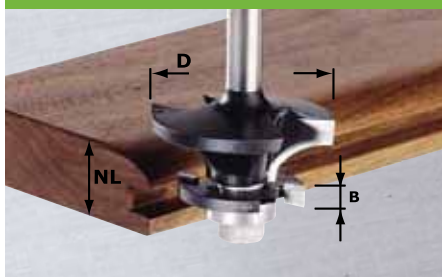


HW						s = 8
ØD	NL	B	R	F _α	Order no.	
43	21	5			491130	
Repl. b/bg guide dia. 15.88						491384
VE 2 pcs.						

Framed doors with counterprofile and panelling

For these demanding jobs, Festool provides sets of precisely coordinated tools – no matter whether you wish to produce a traditional decorative style or modern forms. Adjusting the cutting rings is simple, thanks to the ball bearing guide.

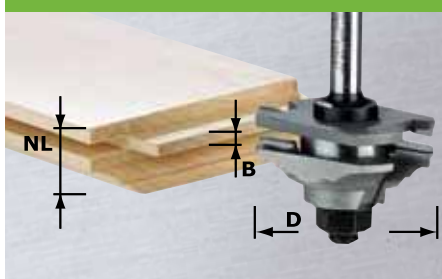
Stile and rail cutter, female with ball bearing



HW						s = 8
ØD	NL	B	R	F _α	Order no.	
43	21	5			491129	
Repl. b/bg guide dia. 15.88						491384
VE 2 pcs.						



Profile tongue cutter

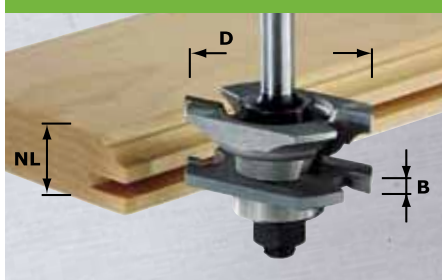


HW						s = 8
ØD	NL	B	R	F _α	Order no.	
46	20	4	22		490643	
HW						s = 12
ØD	NL	B	R	F _α	Order no.	
46	20	4	22		490132	

Classic furniture fronts.

You can cut classic framed doors in differing styles using these tool sets. With double-edged carbide tools you can obtain a clean, even cut.

Profile groove cutter

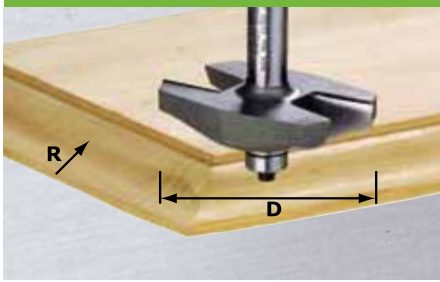


HW						s = 8
ØD	NL	B	R	F _α	Order no.	
46	20	4	22		490645	
HW						s = 12
ØD	NL	B	R	F _α	Order no.	
46	20	4	22		490129	



Routing | Cutters

Facing cutter with ball bearing guide



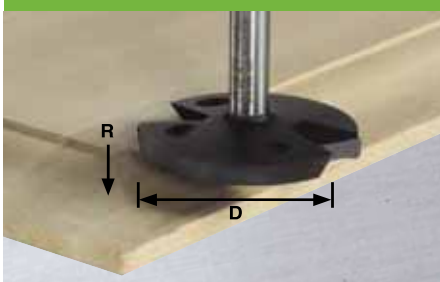
HW						s = 12
ØD	NL	GL	R	F α	Order no.	
67	12	68	19		490127	

⚠ n max.
22,000



The facing cutter with ball bearing guide is perfectly suited to cutting classic curved panelling.

Facing cutter without ball bearing guides



HW						s = 12
ØD	NL	GL	R	F α	Order no.	
68	14	58	35		492712	

⚠ n max.
22,000



On the other hand, the facing cutter without ball bearing guides can cut deeper tapers.

Facing cutter with ball bearing guide



HW						s = 8
ØD	NL	GL	R	F α	Order no.	
42.7	13	50	6		491138 ¹⁾	

HW						s = 12
ØD	NL	GL	R	F α	Order no.	
63	15	68	9		491109	

Repl. b/bg guide-Set
VE 1 pcs. 491398

¹⁾Without ball bearing

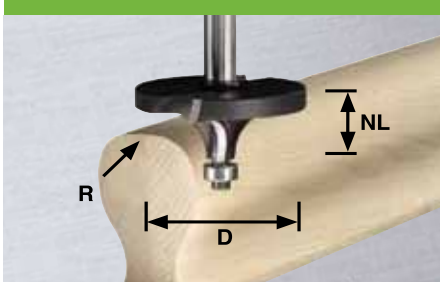
Facing and counterprofiling all in one.

You can use this tool to cut the panelling and the frame and produce complete fronts in combination with a disc groove cutter.



Facing cutter

Table edge cutter with ball bearing



HW						s = 12
ØD	NL	GL	R	F α	Order no.	
64	26	76	16		492710	

Repl. b/bg guide dia. 12.7 491383
VE 2 pcs.

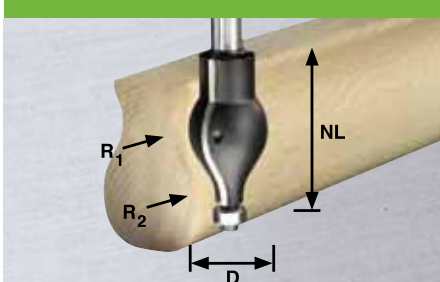
⚠ n max.
22,000



Bench-mounted router TF 2200.

The CMS and router OF 2200 are perfect for cutting workpieces with larger diameters and will always provide a secure support surface for routing. (see page 79)

Facing cutter



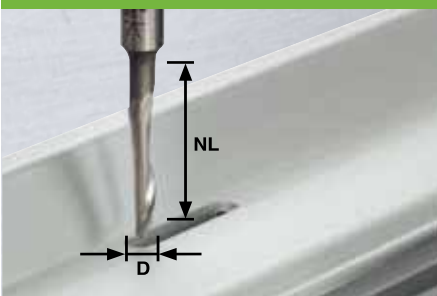
HW						s = 12
ØD	NL	GL	R1	R2	Order no.	
32	41	107	20.5	16	492711	

Repl. b/bg guide dia. 12.7 491383
VE 2 pcs.

⚠ n max.
22,000

Specialty cutters

Aluminium cutter

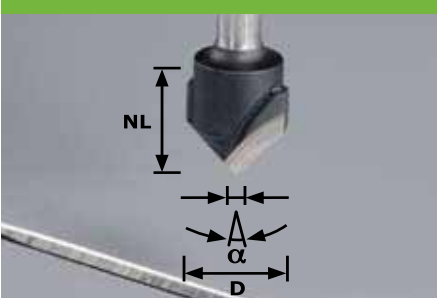


HS					s = 8
ØD	NL	GL	R	Fα	Order no.
5	23	65			491036

The aluminium specialist.

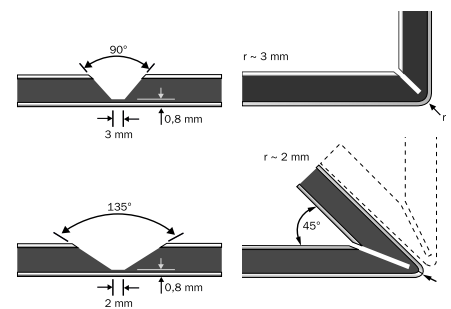
The HS aluminium cutter is designed for routing water drainage channels in aluminium strips up to 2 mm thick.

V-groove cutter

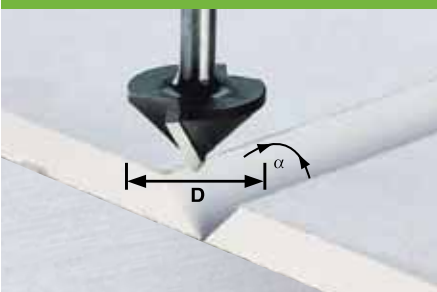


HW					s = 8
ØD	NL	GL	R	Fα	Order no.
18	8	60		90°	491444
18	3.3	60		135°	491443

Routing aluminium composite panels



Plasterboard V-groove cutter



HW					s = 8
ØD	NL	GL	R	Fα	Order no.
12.5	14	55		45°	491000 ¹⁾
32	16	49		90°	491001

Routing and jointing instead of gluing and smoothing.

Impressive new ideas: A 45° cutter is available in addition to the 90° plasterboard V-groove cutter. Now it is also possible to join 45° corners with very little effort.

¹⁾Single-edged tool

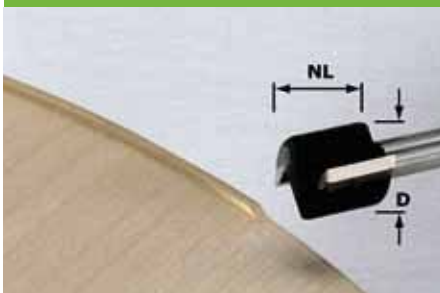


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Routing | Cutters

Cutters for OFK 700 and MFK 700

Edge trimming cutter



HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
19	16	46				491666

Curves are no problem.

Whether café tables, counters, desktops or other furniture items: the Festool OFK 700 edge router deals with all curves.



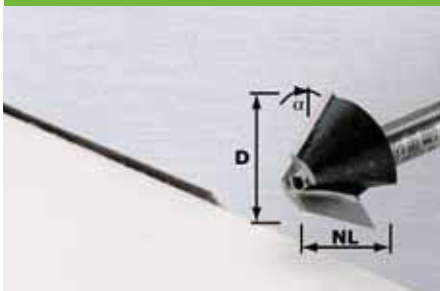
You can find a comprehensive selection of slot cutters specially designed for routing and cutting slots for edging on page 131. This application requires the cutter spindle (order no. 491557).

Turning plate edge trimming cutter

Not shown

HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
19	12	43				491670
Replacement blade				12x12x1.5		491391
VE 4 pcs.						

Chamfer cutter



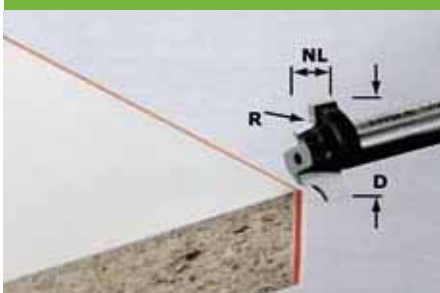
HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
24	14	44		22°		491667
24	12	42		30°		491668
24	10	40		45°		491669

Turning plate chamfer cutter

Not shown

HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
24	12	46		22°		491671
26	12	47		45°		491672
Replacement blade				12x12		491391
VE 4 pcs.						

Classic ogee cutter



HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
18	9	39	2			491675
20	10	40	3			491676

Ogee cutter with ball bearing guides



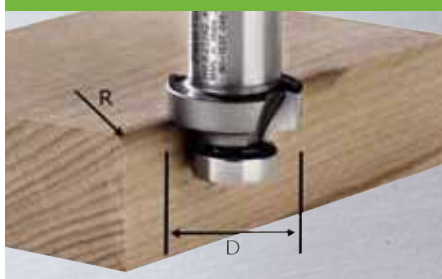
HW						s = 8
ØD	NL	GL	R	F _α	Order no.	
20	9	49	2			491673
22	10	50	3			491674
Repl. b/bg guide			dia. 12.7			491383
VE 2 pcs.						



0° router table for cutting work at any angle
Order no.: 491427

Cutters for OFK 500

Classic ogee cutter



HW						OFK 500
ØD	NL	B	R	F _α		Order no.
27			2			490092
27			3			490093
27			4			490094
27			5			490095
27			6			490096
Replacement ball bearing guide with clamping screw						490249



Rounding plastic or solid wood veneer.

Chamfer cutter



HW						OFK 500
ØD	NL	B	R	F _α		Order no.
27				45°		490090
27				30°		490091
27				60°		491533
Replacement ball bearing guide with clamping screw						490249



Chamfering plastic or solid wood veneer.

Edge trimming cutter with ball bearing



HW						OFK 500
ØD	NL	B	R	F _α		Order no.
22	8					490565

Edge trimming cutter without ball bearing guide

HW						OFK 500
ØD	NL	B	R	F _α		Order no.
22	8					490085
Replacement ball bearing guide with clamping screw						490250



Flush trimming plastic or solid wood veneer.

Cutters for putty router KF 5

Rebate cutter



HW						s = 8
ØD	NL	B	R	F _α		Order no.
33	48					483249
Guide ring, KF-05 8/17						
Rebate width 8 mm; Guide ring dia. 17 mm						480175
Guide ring, KF-03 9/15						
Rebate width 9 mm; Guide ring dia. 15 mm						480173
Guide ring, KF-04 10/13						
Rebate width 10 mm; Guide ring dia. 13 mm						480174
Guide ring, KF-07 11/11						
Rebate width 11 mm; Guide ring dia. 11 mm						480177
Guide ring, KF-06 12/19						
Rebate width 12 mm; Guide ring dia. 19 mm						480176

Rebate cutter



HW						s = 8
ØD	NL	B	R	F _α		Order no.
30	21					482057
Spare cutter head KF-S3						434690

For windows after removal of glazing.

Carbide cutters with specialised cutter adapter for putty routers, for cleanup routing on windows after removing glass panes. Available with ball bearing for flush trimming or for different rebate depths.

Special cutters for mineral materials

Reversible blade rebating cutter

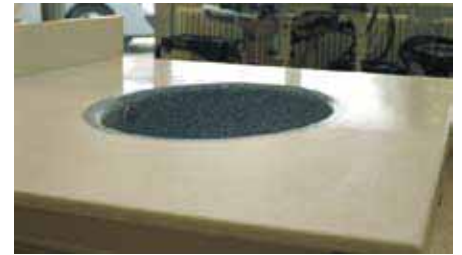


HW						s = 12
ØD	NL	GL	R	F α	Order no.	
14	45	92			491110 ¹⁾	
Reversible blades 50 x 5.5						
VE 2 pcs.						491389

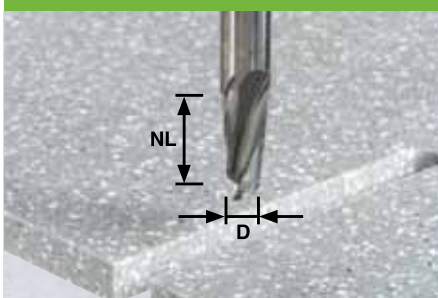
¹⁾For use with the APS 900 worktop template.

Only the best.

The new solid carbide spiral groove cutters are manufactured from cylindrical rods of carbide specially developed for machining solid surface and mineral materials. These cutters are characterised by their extreme resistance to breaking, their speed and efficiency.



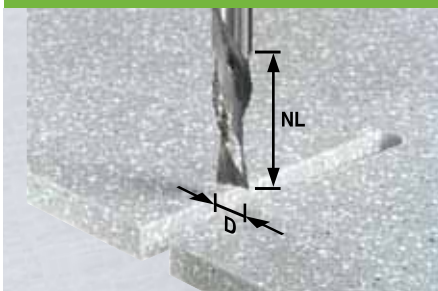
Solid carbide spiral groove cutter



HW						s = 10	s = 9.53
ØD	NL	GL	R	F α	Order no.		
9.53	27	70			492657		
10	27	70			492653		

HW						s = 12	s = 12.7
ØD	NL	GL	R	F α	Order no.		
12	27	70			492654		
12.7	27	70			492658		
12	42	87			492655		
12.7	42	87			492659		

Solid carbide spiral groove cutter for roughing and finishing



HW						s = 12	s = 12.7
ØD	NL	GL	R	F α	Order no.		
12	42	87			492656		
12.7	42	87			492660		

For fast work.

These roughing and finishing cutters with chip breaker, manufactured from a specially developed solid carbide rod, were created for routing eg basin cut-outs. These cutters are likewise manufactured from a specially developed solid carbide rod.



Turning plate slot cutter and ball bearing guide



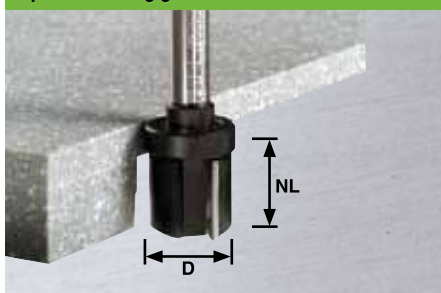
HW						s = 12
ØD	NL	GL	R	F α	Order no.	
21	30	89			491120	
Repl. b/bg guide dia. 21						
VE 2 pcs.						491408
Reversible blades 30 x 12						
VE 4 pcs.						491393

Precise and durable.

Mineral materials are very demanding on the cutting blade. When working with the ball bearing guide, it is absolutely vital that the cutter and ball bearing guide are permanently aligned. This is why tools with indexable inserts pay their way within a very short time.

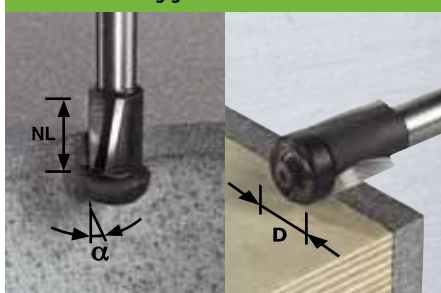


Edge trimming cutter with top ball bearing guide



HW	s = 12		s = 12.7		
ØD	NL	GL	R	Fα	Order no.
28	25	80			492705 492706
Repl. b/bg guide dia. 28					
VE 1 pcs.					493063 493063

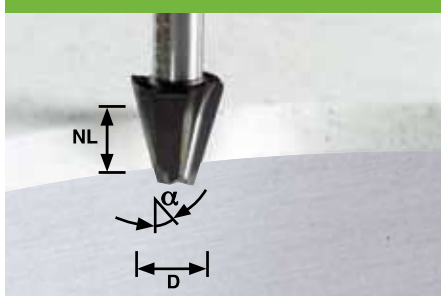
Edge trimming cutter and join cutter with ball bearing guides



HW	s = 12		s = 12.7		
ØD	NL	GL	R	Fα	Order no.
19	25	74		[11°]	492661 492662
Repl. b/bg guide ¹⁾ dia. 19					
VE 1 pcs.					493055 493055
Repl. b/bg guide ¹⁾ dia. 22/11°					
VE 1 pcs.					493056 493056

¹⁾Cutter comes with both replacement ball bearings included

Chamfer cutter with cutting bit



HW	s = 12		s = 12.7		
ØD	NL	GL	R	Fα	Order no.
23	25	66		15°	492663 492664

Two tools in one.

Cutting inlays flush or routing overhangs on fitted basins at an angle of 11°. Both are possible simply by changing the ball bearing guide included in the scope of delivery.

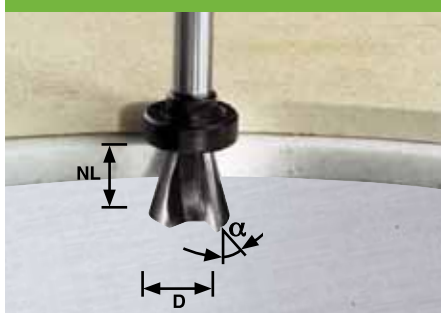


Chamfer cutter with cutting bit

When cutting with this tool, the router is guided on the template with a copying ring. Benefit: the cutting edge allows the cutter to plunge to full depth and finish the basin cut-out in a single operation.



Chamfer cutter with top ball bearing guide



HW	s = 12		s = 12.7		
ØD	NL	GL	R	Fα	Order no.
28	25	80		15°	492703 492704
Repl. b/bg guide dia. 28					
VE 1 pcs.					493063 493063

Chamfer cutter with ball bearing guide.

When cutting with this tool, the router is guided along the top of the template by the bearing. Benefit: the tool can be used in any router without the need of a copying ring.



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Routing | Cutters

Chamfer cutter with ball bearing guide

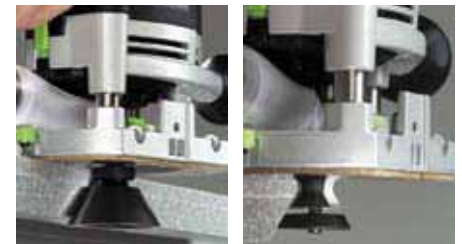


HW	s = 12		s = 12.7		
ØD	NL	GL	R	F α	Order no.
33.5	25	66		15°	492665 492666
Repl. b/bg guide dia. 20/15°					
VE 1 pcs.					493057 493057

① **New: the perfect duo for modern counters.**
Chamfer cutter undercut: the first step with this tool is to cut a chamfer. Benefit: the counter does not have to be turned.

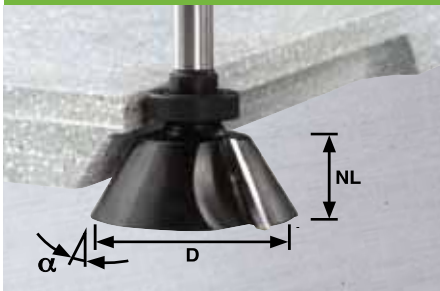
The classic ogee cutter (see below) then adds a curve to the chamfer, producing a worktop with a modern look.

The system was designed for 2 or 3 rebated boards with a thickness of 12.7 mm.



Chamfer cutter undercut with ball bearing guide

①



HW	s = 12		s = 12.7		
ØD	NL	GL	R	F α	Order no.
66.5	28	82		30°	492667 492668
Repl. b/bg guide dia. 28					
VE 1 pcs.					493063 493063

⚠ n max. 16,000

Classic ogee cutter with ball bearing guide

①



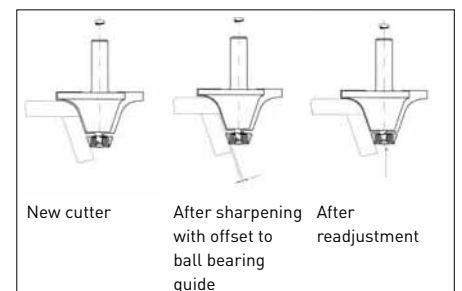
HW	s = 12		s = 12.7		
ØD	NL	GL	R	F α	Order no.
39.5	23.5	74	6.35	30°	492707 492708
Repl. b/bg guide dia. 39.5					
VE 1 pcs.					493064 493064

② **Simple but ingenious.**



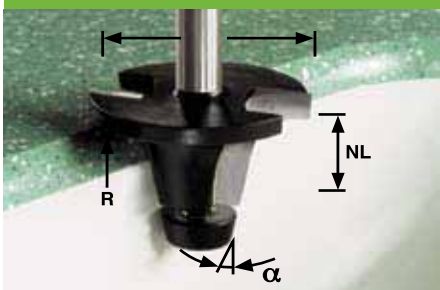
Adjustable axial ball bearing guide on the basin cutter

If the cutting blade is not aligned with the ball bearing guide exactly after sharpening, the joint to the cutter blade can be readjusted by moving the axial ball bearing guide, extending the service life of your Festool basin cutters even longer.



Basin cutter with ball bearing guide

②



HW	s = 12		s = 12.7		
ØD	NL	GL	R	F α	Order no.
53	25	81.7	6.35	18°	492669 492672
49	25	81.7	6.35	12°	492670 492673
45	25	81.7	6.35	6°	492671 492674
63	25	81.7	12.7	18°	492675 492678
59	25	81.7	12.7	12°	492676 492679
56	25	81.7	12.7	6°	492677 492680

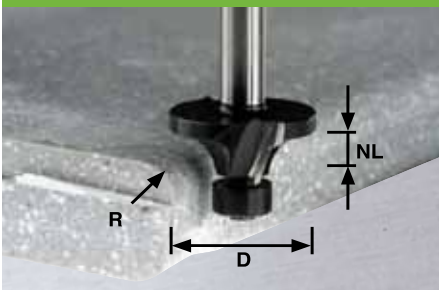
Repl. b/bg guide dia. 18°
VE 1 pcs. 493059 493059

Repl. b/bg guide dia. 12°
VE 1 pcs. 493060 493060

Repl. b/bg guide dia. 6°
VE 1 pcs. 493061 493061

⚠ n max. 22,000

Chamfer ogee cutter with ball bearing guide



HW					s = 12	s = 12.7
ØD	NL	GL	R	F _α	Order no.	
22	10	59.3	3		492681	492688
26	12	61	5		492682	492689
28.8	13.4	62	6.35		492683	492690
32	15	63	8		492684	492691
41.4	19	69	12.7		492685	492692
54	25	75	19		492686	492693
66.8	31.4	81	25.4		492687	492694
Repl. b/bg guide dia. 16						
VE 1 pcs.					493062	493062

⚠ n max. 22,000

Undercut roundover cutter with ball bearing guide



HW					s = 12	s = 12.7
ØD	NL	GL	R	F _α	Order no.	
44.7	6.35	80	6.35		492695	492698
57.4	12.7	80	12.7		492696	492699
70	19	80	19		492697	492700
Repl. b/bg guide dia. 28						
VE 1 pcs.					493063	493063

⚠ n max. 22,000

Plane cutter



HW					s = 12	s = 12.7
ØD	NL	GL	R	Z	Order no.	
23	9	60	1	2	491117	
52	7.3	60	1	3	492701 492702	

A full range.

Roundover cutters with radius from 3 mm to 25.4 mm – with this range, you can meet virtually any demand your customers may have.



To suit any task.

Flat protruding edges, eg pilaster strip inserts, can be trimmed flush without any problem using the plane cutter.



Splash-wall cutter with ball bearing guide



HW					s = 12	s = 12.7
ØD	NL	GL	R	Z	Order no.	
26	25	79	4		491115	
Repl. b/bg guide dia. 21						
VE 1 pcs.					491408	

So that nothing goes astray.

Make the most of the advantages of mineral materials with the splash-wall cutter: simply cut an elevation in the worktop and the liquid stays where it belongs.



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