

## Routing

<b>Overview of products and applications</b>	246
<b>Routers</b> OF 1010, OF 1400, OF 2200, CMS-OF	248
<b>Bench-mounted routers</b> TF 1400, TF 2200	253
<b>Multi-routing templates</b> MFS 400, MFS 700	254
<b>Worktop template</b> APS	255
<b>Joining system</b> VS 600 GE	256
<b>Adjustable shelving guide system</b> LR 32	257
<b>Edging system</b> OF-FH 2200	258
<b>Laminate trimmers</b> OFK 500, OFK 700	259
<b>Modular laminate trimmer</b> MFK 700	261
<b>Aluminium composite milling machine</b> PF 1200	262
<b>Chain mortiser</b> CM 150	263
<b>Accessories and consumable materials</b>	264
The Festool system	

# Routing

## Overview of products and applications

Rounding off corners, routing cut-outs, profiles and grooves – tasks best performed using a perfectly adapted range of routers and laminate trimmers.

Page 248 — 249 — 250 — 253 — 253

OF 1010

OF 1400

OF 2200

TF 1400

TF 2200



### Applications

#### Routers

#### Bench-mounted routers

Routing cut-outs and circles with MFS



Worktop corner joints with APS



Routing corner joints with VS 600



Use with the adjustable shelving guide system



Routing shapes using a template



Routing small curves and profiles



Routing large curves and profiles



Routing joins, rebates and grooves



Processing mineral materials



Routing edge veneer flush with straight workpieces



Routing edge veneer flush on curved workpieces



Flush-routing of laminate



Routing accurate grooves in aluminium composite panels



Making mortises up to 150 mm



### Technical data

	1.010	1.400	2.200	1.400	2.200
Power consumption (W)	10.000 – 24.000	10.000 – 22.500	10.000 – 22.000	10.000 – 22.5000	10.000 – 22.000
Idle engine speed (rpm)	6 – 8	6 – 12,7	6 – 12,7		
Collets Ø (mm)	55	70	80		
Routing depth adjustment range (mm)	8	8	20		
Fine height adjustment range (mm)	50	63	89	60	60
Max. cutter Ø (mm)	27	27/36	36/27	27/36	27/36
Connection Ø d/e (mm)				585 x 400	585 x 400
Table dimensions [mm]					
Mortising depth (mm)					
Speed of chain sprocket (rpm)					
Weight (kg)	2,7	4,5	7,8	25,4	29,4

259 ——— 260 ——— 261 ——— 262 ——— 263

**OFK 500**

**OFK 700**

**MFK 700**

**PF 1200**

**CM 150**



Laminate trimmers

Aluminium  
composite milling  
machines

Chain mortiser



Ideal

Suitable

	450	720	720	1.200	2.000
	28.000	10.000 – 26.000	10.000 – 26.000	1.900 – 5.200	
		6 – 8	6 – 8		
			14		
	28	26	32	118	
	27	27	27	27/36	
					100/150
					4.250
	1,4	2,0	1,9	5,4	8,5

## Routing

### Router OF 1010



OF 1010



### A host of features for perfect results.

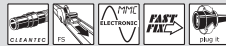
Whether guided independently or on the guide rail, the OF 1010 is the perfect one-handed router. Compact and light-weight, you can guide it accurately along edges, lines or curves, using only one hand.

### One-handed router for fine work.

- ▶ Light weight and one-handed operation
- ▶ Spindle stop for easy cutter changes
- ▶ Routing depth adjustment to 1/10 mm
- ▶ Quick-acting brake for improved safety (OF 1010 EBQ)

#### Technical data

Power consumption (W)	1.010
No-load speed (min <sup>-1</sup> )	10.000 – 24.000
Collet Ø (mm)	6 – 8
Routing depth adjustment range (mm)	55
Fine height adjustment range (mm)	8
Max. cutter diameter (mm)	50
Connection Ø for dust extraction (mm)	27
weight (kg)	2,7



■ = MMC Multi Material Control electronics

#### Scope of delivery

Ø 1/4" collet, parallel side fence with integrated extraction hood, guide rail adapter, chip deflector, operating tool, in SYSTAINER SYS 3 T-LOC

#### OF 1010 EBQ-Plus AUS

#### Order no.

574337

#### OF 1010 EBQ-Set AUS

guide rail FS 800/2

201598

#### System accessories from page 266



#### Router tools from page 277





OF 1400

**The ideal combination of power and comfort.**

- ▶ Routing depth adjustment to 1/10 mm
- ▶ Torsionally rigid base plate due to guide columns on both sides
- ▶ Rocker and ratchet principle for convenient cutter changes
- ▶ Tool-less copying ring changes

**Technical data**

Connection Ø for dust extraction (mm)	27/36
Power consumption (W)	1.400
No-load speed (min <sup>-1</sup> )	10.000 – 22.500
Collet Ø (mm)	6 – 12,7
Routing depth adjustment range (mm)	70
Fine height adjustment range (mm)	8
Max. cutter diameter (mm)	63
weight (kg)	4,5



■ = MMC Multi Material Control electronics

<b>Scope of delivery</b>	<b>Order no.</b>
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<b>OF 1400 EBQ-Plus AUS</b>	<b>574346</b>
Ø 1/4" collet, Ø 1/2" collet, parallel side fence with fine adjustment, copy ring Ø 30 mm, extraction hood, top, chip deflector, operating tool, in SYSTAINER SYS 4 T-LOC	



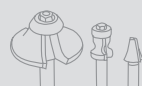
**An impressive all-in-one package.**

At 4.5 kg, the OF 1400 is the lightest in its class and has an impressive 70 mm routing depth adjustment range. This is particularly useful when making recesses for fittings or routing with templates.

**System accessories  
from page 268**



**Router tools  
from page 277**



## Routing

Router OF 2200



OF 2200



### Unrivalled performance and operation.

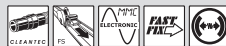
More powerful, easier to use, increased comfort and safer – the OF 2200 offers the most powerful low-end torque, highest precision and top ergonomic comfort. No matter what your task is – with the OF 2200, you have the solution in your hand.

### The powerhouse with immense driving force.

- ▶ Top power development and fully variable speed for hard materials and increased material thicknesses
- ▶ Ergonomic working because the side stop is offset by 30°
- ▶ Tool-free copying ring and base change
- ▶ Fast, convenient router-bit change with rocker and ratchet principle

#### Technical data

Power consumption [W]	2.200
No-load speed [min <sup>-1</sup> ]	10.000 – 22.000
Collet Ø [mm]	6 – 12,7
Routing depth adjustment range [mm]	80
Fine height adjustment range [mm]	20
Max. cutter diameter [mm]	89
Connection Ø for dust extraction [mm]	36/27
weight [kg]	7,8



= MMC Multi Material Control electronics

#### Scope of delivery

Ø 1/4" collet, Ø 1/2" collet, copy ring Ø 30 mm, chip deflector, operating tool, in SYSTAINER SYS 4 T-LOC

#### OF 2200 EB-Plus AUS

#### Order no.

574351

#### OF 2200 EB-Set AUS

accessories SYSTAINER (Order No. 497655)

201599

#### System accessories from page 269



#### Router tools from page 277





## Adapted to the task in hand.

Festool offers a compatible range of routers and laminate trimmers for every task. A range that includes not only tools, but also a wide selection of ingenious system accessories. Interchangeable copying rings and base runners, for example, allow you to adapt your machine to changing task requirements. Multifunctional routing templates can be adjusted to any dimension both quickly and accurately, while routers OF 1010, 1400 and 2200 can be converted into bench-mounted routers if needed. All of these solutions were developed in close collaboration with tradespeople – bringing you closer to the perfect result with greater speed and efficiency.

06

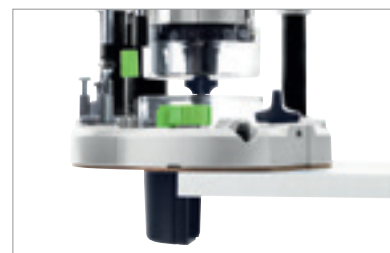
### Quick response to changing requirements.

Base runners and copying rings for the OF 1400/OF 2200 can be replaced quickly using FastFix without requiring tools. Changing router bits is also a simple matter, thanks to the ratcheting mechanism, which allows you to either tighten or release the router bit without having to turn the open ended spanner.



### Cleaner, healthier work.

The new suction design behind the OF 2200 ensures suction power of up to 99%. The retractable extractor ring seals off the chip space when the router is used in plunge mode. However, the ring can be locked in place on top for a perfect view of the scribe mark. The chip deflector can be rotated 360° and ensures maximum suction power.



### Impeccable guidance.

The guide rail was invented and perfected by Festool. For enhanced precision of grooves and rows of holes. Fitted with slideway lining to allow machines to glide smoothly along the rail, plus a groove for fastening and lever clamps.



## Routing

Module mounting CMS-OF



# CMS-OF



### From mobile to stationary in a matter of seconds.

With the CMS module, standard routers can be transformed into bench-mounted routers suitable for a wide range of applications. The transparent routing guard guarantees efficient dust extraction while simultaneously providing a good view of the workpiece.

### The handheld router for the CMS system.

- ▶ module mounting for installing routers
- ▶ the router can be used not only as a bench-mounted tool, but also as a handheld tool
- ▶ Simple routing height adjustment with a crank handle
- ▶ Flexible expansion options – for an even wider range of applications

#### Technical data

Max. cutter diameter (mm)	60
dimensions (mm)	578 x 320
weight (kg)	10,1

#### Scope of delivery

**CMS-OF**  
assembly lugs, router stop, press-down fixture, guard, in carton

#### Order no.

**570251**

**CMS system overview**  
from page 396



**System accessories**  
from page 414







# TF 1400 / TF 2200

### System bench-mounted router.

- ▶ complete set consisting of a basic unit, module mounting and router
- ▶ the router can be used not only as a bench-mounted tool, but also as a handheld tool
- ▶ Simple routing height adjustment with a crank handle
- ▶ Flexible expansion options – for an even wider range of applications



06

Technical data	TF 1400	TF 2200
Power consumption (W)	1.400	2.200
No-load speed (min <sup>-1</sup> )	10.000 – 22.500	10.000 – 22.000
Max. cutter diameter (mm)	60	60
table dimensions (mm)	585 x 400	585 x 400
Module support dimensions (mm)	578 x 320	578 x 320
Table height, legs unfolded (mm)	900	900
Table height, legs folded away (mm)	316	316
working height with legs (mm)	900	900
Connection Ø for dust extraction (mm)	27/36	27/36
Basic unit weight (kg)	10,8	10,8
Weight (set) (kg)	25,4	29,4



■ = MMC Multi Material Control electronics

Scope of delivery	Order no.
basic unit with foldaway legs, module support, operating tool	
<b>TF 1400-Set AUS</b> router OF 1400 EBQ-Plus	<b>201588</b>
<b>TF 2200-Set AUS</b> router OF 2200 EB-Plus, dust extraction hood	<b>201589</b>

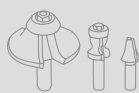
### Easy routing of conventional profiles.

Low space requirements combined with powerful and precise performance make the bench-mounted router ideal for series production. The extensive range of shank cutters with varying geometries enable you to process strips, profiles and medium to large workpieces in a professional manner.

#### System accessories from page 414



#### Router tools from page 277

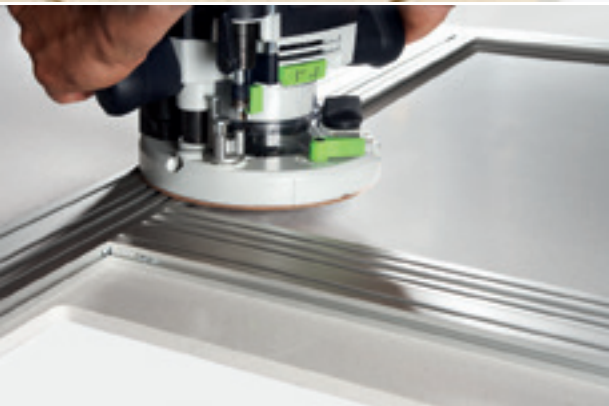


## Routing

### Multi-routing template MFS



MFS



### A multi-talent.

The laborious manufacture of templates or temporary solutions has become a thing of the past: the MFS multi-routing template is versatile and perfect for curves, round or square cut-outs and routing staircase stringers.

### The template with all the options.

- ▶ scale on the profiles accurate to the millimetre for absolute precision when making cut-outs and curves
- ▶ aligned exactly with the workpiece – via the angle stops
- ▶ secured quickly – workpiece secured in prefabricated groove for fastening and lever clamps
- ▶ option of systematic extension – with table extensions from 200 mm to 2000 mm

#### Technical data

dimensions length x width (mm)	300 x 100
Radiuses (mm)	40 – 600

#### Scope of delivery

2 x mitre guide, tilt stop, circle routing insert, operating tool, in carton

MFS 400

#### Order no.

492610

MFS 700

492611

#### System accessories from page 271



#### Router tools from page 277





APS



### High-volume precision.

- ▶ for corner and panel joints up to 900 mm deep
- ▶ for routing normal connection fittings on the undersides of panels
- ▶ panel widths greater than 900 mm also possible using extension profiles

#### Scope of delivery

**APS 900**  
corner connection template, profile MFS-VP 1000, 3 x Bolt, operating tool,  
in carton

#### Order no.

492727

### Flush joints.

Clean corner and panel joints are easy to manufacture with the worktop template. The permanently fixed template guarantees precision results, even when the router passes several times along a single groove.

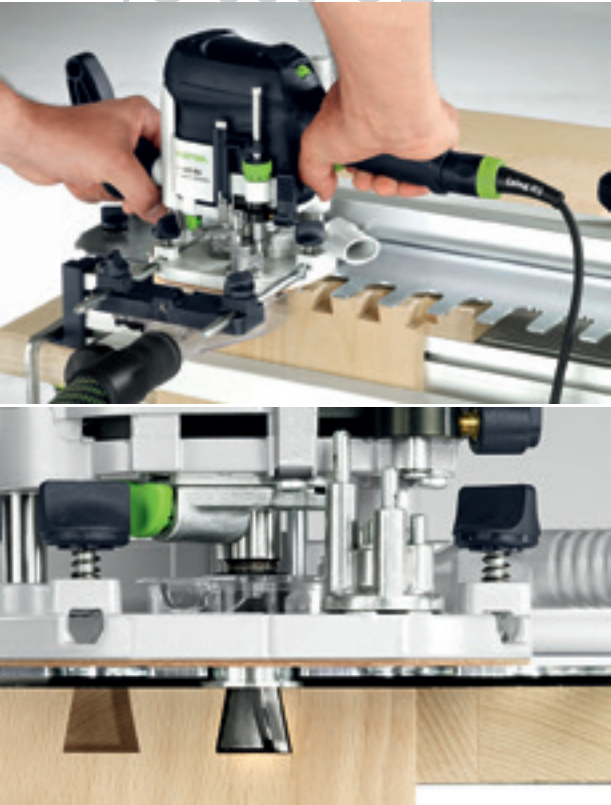
Router tools  
from page 277



## Routing

Joining system VS 600

VS 600 GE



### Eternal precision.

The joining system VS 600 is an exceptionally logical method of achieving perfect wood-working results. Offering outstanding precision for partially covered and open dovetail joints, box joints and custom-fit dowelling joints.



### A union of tradition and efficiency.

- ▶ perfection in a system: router, template and copying ring are fully compatible with one another
- ▶ wide application spectrum: from dovetail joints and box joints to dowelling joints
- ▶ templates changed quickly and easily without using tools
- ▶ robust aluminium design and steel contact jaws ensure an extended service life

#### Technical data

Workpiece thickness (depends on the join) (mm)	6 - 29
max. workpiece width (mm)	600

#### Scope of delivery

VS 600 GE  
in carton

#### Order no.

488876

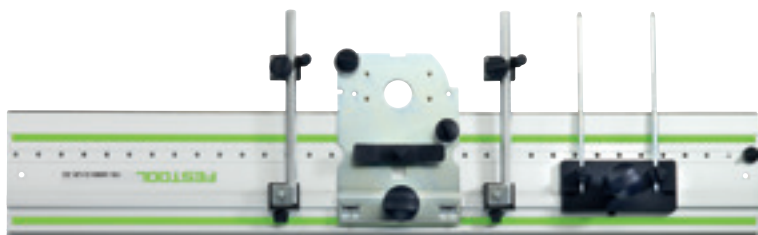
Use of the joining system VS 600 GE always requires a routing template and a compatible router bit.

Routing templates  
from page 272



Router tools  
from page 277





# LR 32



### Holes in series.

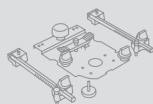
- ▶ with the LR 32 system – comprising the guide rail FS 1400/2-LR 32 or FS 2424/2-LR 32 and the hole drilling system – precise rows of holes spaced 32 mm apart can be drilled with the Festool router
- ▶ the LR 32 guide rail is aligned quickly and parallel to the two side stops, which are positioned by means of an adjustable stop at the workpiece and guide rail

Scope of delivery	Order no.
guide plate, centering mandrel, 2 x Longitudinal stop	
<b>LR 32 Set</b> 2 x parallel side fence with integrated extraction hood, in carton	<b>583290</b>
<b>LR 32-SYS</b> operating 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, Screw clamp, FSZ 120, in SYSTAINER SYS 1 T-LOC	<b>584100</b>

### Precise hole rows with the guide rail.

Rows of holes must be exactly the right distance apart and exactly parallel. To save time when carrying out this type of work, there is the hole row guide rail. It has a series of holes set 32 mm apart, along which the router is guided with the hole row adapter. Thanks to the clever tipping technique, the detent pin can be quickly indexed for the next hole. Rows of holes are thus very easy to copy.

System accessories  
from page 273



## Routing

Edge trimming system



# OF-FH 2200



### Routing door seals.

The grooving of doors is often still considered as a task for bench-mounted routers. With the Festool routing aid and the router, the work can be carried out on site achieving results which are not inferior to those of bench-mounted routers. And thanks to the integral dust extraction, the environment also remains free of wood dust.

### Route seal slots reliably and precisely.

- ▶ for secure guidance of the Festool router along narrow workpiece edges
- ▶ side stops can be adjusted 60 mm on both sides with long guidance areas
- ▶ High-quality cutter device made from sturdy, solid acrylic glass
- ▶ used, for example, for the reliable milling of automatic door seals

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#### Scope of delivery

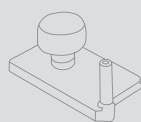
OF-FH 2200  
in carton

#### Order no.

495246

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System accessories  
from page 273





OFK 500



### Compact edging professional.

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

#### Technical data

Power consumption (W)	450
No-load speed (min <sup>-1</sup> )	28.000
Max. cutter diameter (mm)	28
Connection Ø for dust extraction (mm)	27
weight (kg)	1,4



#### Scope of delivery

OFK 500 Q-Plus R3 AUS  
ogee cutter HW R3-OFK, dust extraction hood, in SYSTAINER SYS 2 T-LOC

#### Order no.

574378

### For trimming round objects.

The OFK 500 is particularly lightweight and perfectly balanced, making it manoeuvrable and ideal for both vertical and horizontal use. The extremely small distance between the cutter and router base prevents the machine from tipping over edges, guaranteeing perfect results.

#### System accessories from page 274



#### Router tools from page 277



## Routing

### Laminate trimmer OFK 700

# OFK 700



### Impressive on curves and in straight lines.

The OFK 700 EQ is a multi-talent among laminate trimmers because it makes easy work of finishing edges, regardless of whether the workpiece is large or small, or whether the edges are curved or straight. The heavy-duty, detachable router table provides a stable support surface and secure guidance for the tool in any working position.



### Edging multi-talent.

- ▶ Routing depth adjustment to 1/10 mm
- ▶ Detachable baseplate with large support surface
- ▶ Spindle stop for quick and easy cutter changes
- ▶ Base inclined by 1.5° for excellent results

#### Technical data

Power consumption (W)	720
No-load speed (min <sup>-1</sup> )	10.000 – 26.000
Max. cutter diameter (mm)	26
Collet Ø (mm)	6 – 8
Maximum cutting depth, vertical (mm)	9
Maximum cutting depth, horizontal (mm)	5
Max. routing width (mm)	14
Connection Ø for dust extraction (mm)	27
weight (kg)	2



= MMC Multi Material Control electronics

#### Scope of delivery

**OFK 700 EQ-Plus AUS**  
 Ø 1/4" collet, dust extraction hood, edge trimming cutter D 19 x 16, operating tool, in SYSTAINER SYS 2 T-LOC

#### Order no.

574452

#### System accessories from page 274



#### Router tools from page 277







# MFK 700



06

### Versatile when trimming edges.

- ▶ 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

#### Technical data

Power consumption (W)	720
No-load speed (min <sup>-1</sup> )	10.000 – 26.000
Collet Ø (mm)	6 – 8
Fine height adjustment range (mm)	14
Max. cutter diameter (mm)	32
Connection Ø for dust extraction (mm)	27
weight (kg)	1,9



■ = MMC Multi Material Control electronics

#### Scope of delivery

Ø 1/4" collet, parallel side fence with fine adjustment and dust extraction hood, operating tool

#### Order no.

**MFK 700 EQ-Plus AUS** 201603  
dust extraction hood, in SYSTAINER SYS 2 T-LOC

**MFK 700 EQ-Set AUS** 574878  
1.5° router table

### Finishing off a perfect edge.

The modular laminate trimmer MFK 700 EQ/B-Plus with specialised router table for flush trimming of edge veneer – even with 45° glued edging. What's more, it works cleanly and without streaks thanks to the ball bearing brake and chip deflector.

#### System accessories from page 274



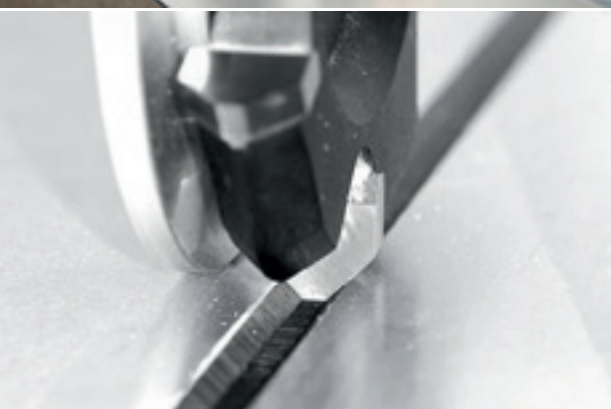
#### Router tools from page 277



## Routing

### Aluminium composite milling machine PF 1200

PF 1200



#### Grooving. Edging. Finished.

Specially developed for edging aluminium composite panels with speed and precision. In combination with the guide rail, the PF 1200 aluminium composite milling machine is ideal for mobile exhibition and façade construction applications. The feeler roller ensures precise routing depths. The router can only plunge into the material as far as the feeler roller allows.



#### The professional for aluminium composite panels.

- ▶ Guide slot for guide rail
- ▶ Removable feeler roller for different material thicknesses
- ▶ Low weight for easy transport and mobile applications
- ▶ Blade cutter for rapid progress and effortless precision routing

#### Technical data

Power consumption (W)	1.200
No-load speed (min <sup>-1</sup> )	1.900 – 5.200
Routing depth (mm)	0 – 9
Max. cutter diameter (mm)	118
Connection Ø for dust extraction (mm)	27/36
weight (kg)	5,4



= Electronic

#### Scope of delivery

V-groove cutting wheel, A4 feeler roller, setting gauge for guide rails, operating tool, in SYSTAINER SYS 4 T-LOC

**PF 1200 E-Plus FS AUS**  
guide rail FS 1400/2

#### Order no.

575003

**PF 1200 Starter Set AUS**

CT 36 E HEPA mobile dust extractor, Suction hose D 36 antistatic, guide rail FS 1400/2

575004

**PF 1200 Ultimate Set AUS**

CT 36 E HEPA mobile dust extractor, plunge-cut saw TS 55 REBQ-Plus, Suction hose D 36 antistatic, 2 x guide rail FS 1400/2, 2 connecting elements FSV, 160mm Special Saw Blade for aluminium for TS 55 R

575005

#### Router tools from page 275





# CM 150



06



### The chain mortiser: Multi-functional machine for mortising and slotting

- ▶ Accurate guidance via the precision adjustable lateral fence, with large supporting surface
- ▶ Heavy-duty motor for a sustainable performance
- ▶ Extensive assortment of mortising and slotting chains for a wide range of applications
- ▶ Easy operation due to compact design and low weight

#### Technical data

Power consumption (W)	2.000
Mortising depth (mm)	100/150
Lateral fence adjustment (mm)	0 - 150
Drive sprocket speed (min <sup>-1</sup> )	4.250
weight (kg)	8,5

This product is not available in Australia.

### The multitalented tool for mortising.

With its compact and lightweight design, the chain mortiser CM 150 is particularly easy to handle and thus ideally suited for roof space conversions, the renovation and re-furbishment of old buildings or aligning the roof truss, if adjustments or reworking are required on the construction site. With the large and stable parallel side fence, the chain mortiser can be reliably guided, even when working on installed beams or overhead.

System accessories  
from page 276



### The Festool system.

Because things work better when everything fits together:

The comprehensive range of system accessories for routers and laminate trimmers leaves nothing to be desired and helps accelerate working processes. From the hole series guide rail, which can also be used with plunge-cut saws and jigsaws, to perfectly adapted cutters and a large selection of copying rings and base runners for a range of applications.



## Routing

Accessories and consumable materials

System accessories	266
Cutters	277

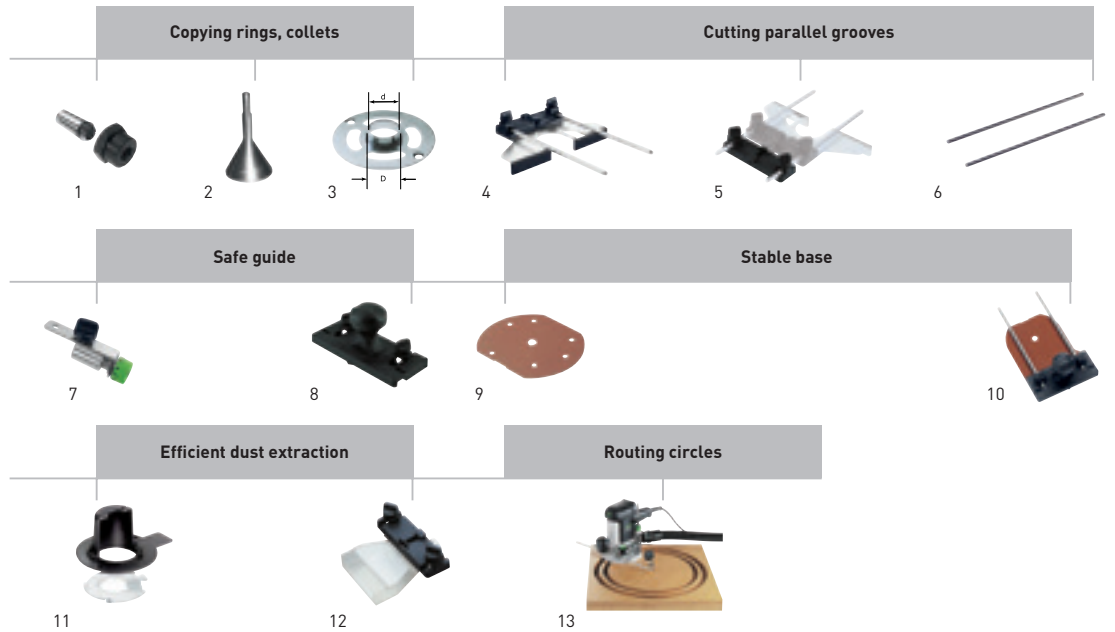


# Routing

## System accessories



OF 1010



### Accessories for router OF 1010

Denomination	Explanation	Order no.
<b>1 Collet SZ-D 6/OF 1000</b>	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	<b>488760</b>
<b>Collet SZ-D 6,35/OF 1000</b>	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	<b>488761</b>
<b>Collet SZ-D 8/OF 1000</b>	for MFK/OFK 700, OF 900, OF 1000, OF 1010, KF, with locking nut, for cutter shank dia. 8 mm, in self-service display pack	<b>488755</b>
<b>2 Centering mandrel ZD-OF/D 6,35+8</b>	for all Festool routers, for shank support $\varnothing$ 6.35 mm and $\varnothing$ 8 mm for centring the copying rings, in self-service display pack	<b>492187</b>
<b>3 Copying ring KR D8,5/VS 600-FZ 6</b>	for OF 1010, in a bag	<b>490772</b>
<b>Copying ring KR-D 10,8/OF 900</b>	for OF 900, OF 1000, OF 1010, KF, D 10,8 mm, $\varnothing$ 7,8 mm, in self-service display pack	<b>486029</b>
<b>Copying ring KR-D 13,8/OF 900</b>	for OF 900, OF 1000, OF 1010, KF, D 13,8 mm, $\varnothing$ 10,8 mm, in self-service display pack	<b>484176</b>
<b>Copying ring KR-D17/OF 900</b>	for OF 900, OF 1000, OF 1010, KF, D 17 mm, $\varnothing$ 14 mm, in self-service display pack	<b>486030</b>
<b>Copying ring KR D17/VS 600-SZ 14</b>	for OF 1010, in a bag	<b>490770</b>
<b>Copying ring KR-D 24/OF 900</b>	for OF 900, OF 1000, OF 1010, KF, D 24 mm, $\varnothing$ 21 mm, in self-service display pack	<b>486031</b>
<b>Copying ring KR D24/VS 600-SZ 20</b>	for OF 1010, in a bag	<b>490771</b>
<b>Copying ring KR-D 27/OF 900</b>	for OF 900, OF 1000, OF 1010, KF, D 27 mm, $\varnothing$ 24 mm, in self-service display pack	<b>486032</b>
<b>Copying ring KR-D 30/OF 900</b>	for OF 900, OF 1000, OF 1010, KF, D 30 mm, $\varnothing$ 27 mm, in self-service display pack	<b>486033</b>
<b>Copying ring KR-D 40/OF 900</b>	for OF 900, OF 1000, OF 1010, KF, D 40 mm, $\varnothing$ 37 mm, in self-service display pack	<b>486034</b>
<b>Adapter D 12/M12 OF2000</b>	for the OF 1400, OF 2000, OF 2200, for cutters with female thread M12x1, in a bag	<b>487160</b>
<b>4 Parallel side fence SA-OF 1000</b>	for OF 900, OF 1000, OF 1010, KF, with 2 guide rails, in carton	<b>489427</b>
<b>5 Fine adjustment attachment for parallel side fence FE-OF 1000/KF</b>	for OF 900, OF 1000, OF 1010, KF, for fast and dimensionally accurate adjustment on the parallel side fence, can be retrofitted, parallel side fence and guide rods not included, in self-service display pack	<b>483358</b>
<b>6 guide rods</b>	Included in the OF 1010 delivery	

### Accessories for router OF 1010

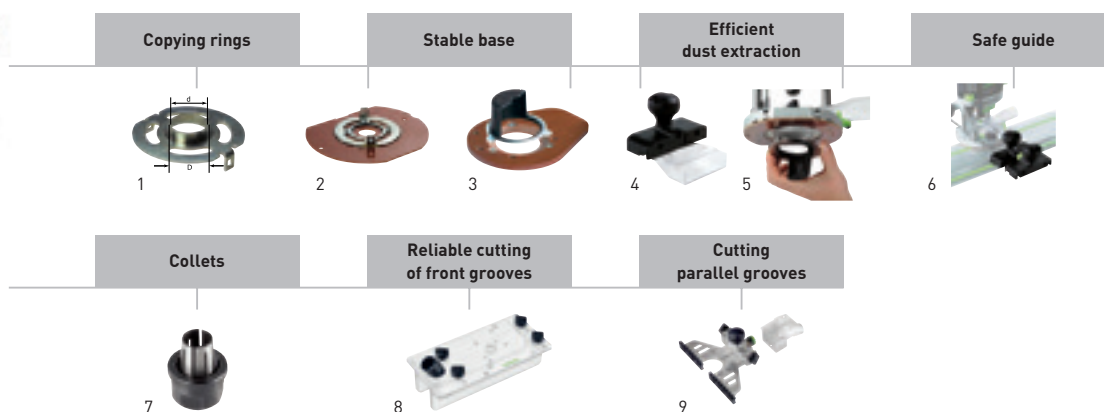
Denomination	Explanation	Order no.
<b>7 Fine adjustment attachment for parallel fence FE-FS/OF 1000</b>	for OF 900, OF 1000, OF 1010, KF, in self-service display pack	<b>488754</b>
<b>8 Guide rail adapter FS-OF 1000</b>	complete with support, for use of routers OF 900, OF 1000, OF 1010 with the FS guidance system, without rods, in self-service display pack	<b>488752</b>
<b>9 Hard fibre base TP-OF</b>	for OF 900, OF 1000, OF 1010, KF, centre hole $\varnothing$ 15 mm, in self-service display pack	<b>489229</b>
<b>10 Extension table TV-OF 1000</b>	for OF 900, OF 1000, OF 1010, KF, to increase the bearing surface when working on edges, guide rods not included, in self-service display pack	<b>488756</b>
<b>11 Chip deflector KSF-OF 1010</b>	for OF 900, OF 1000, OF 1010, for optimal extraction when routing edges, aperture max. 37 mm, in self-service display pack	<b>493180</b>
<b>12 Dust extraction attachment AH-OF 1000</b>	for OF 900, OF 1000, OF 1010, KF, for joining system VS 500 / VS 600 and for edge trimming, in carton	<b>484453</b>
<b>13 Circle cutting attachment SZ-OF 1000</b>	for OF 900, OF 1000, OF 1010, KF, for cutting radii, circles and decorative curves on surfaces and edges, circle $\varnothing$ 153 – 760 mm, in self-service display pack	<b>483922</b>

# Routing

## System accessories



OF 1400



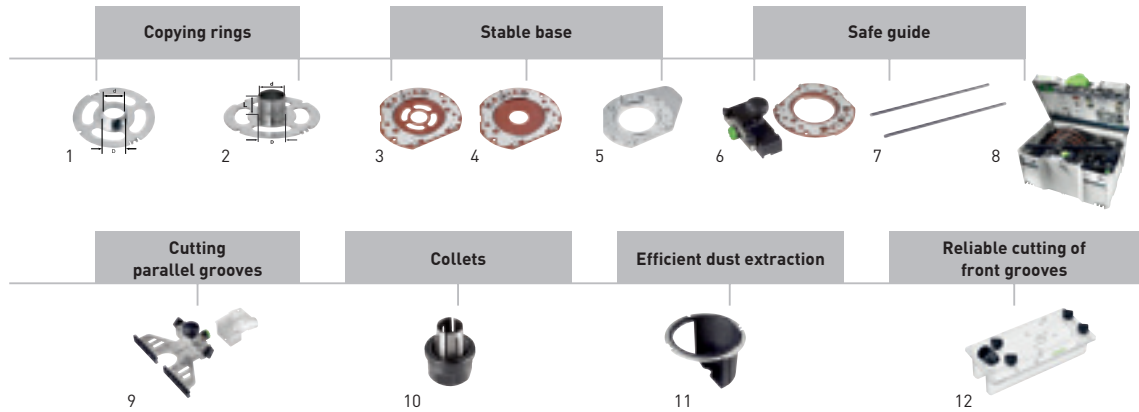
### Accessories for router OF 1400

Denomination	Explanation	Order no.
1 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
2 Baseplate LA-OF 1400	for OF 1400, hard-fibre base 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
3 Baseplate with chip deflector LAS-OF 1400	for OF 1400, for optimal extraction when routing edges, baseplate with support extension, aperture max. 63 mm, in carton	493233
4 Dust extraction attachment AH-OF 1400	for OF 1400 / VS 600, for chip extraction when routing edges, in carton	492585
5 Chip deflector KSF-OF 1400	for OF 1400, for optimal extraction when routing edges, in self-service display pack	492732
6 Guide rail adapter FS-OF 1400	for OF 1400, with fine depth adjustment and support for router, without rods, in carton	492601
7 Collet SZ-D 6,0/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for cutter shank Ø 6 mm, in self-service display pack	494459
Collet SZ-D 8,0/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for cutter shank dia. 8 mm, in self-service display pack	494460
Collet SZ-D 10,0/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for cutter shank Ø 10 mm, in self-service display pack	494461
Collet SZ-D 12,0/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for cutter shank Ø 12 mm, in self-service display pack	494462
Collet SZ-D 6,35/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for router shaft 6.35 mm, in self-service display pack	494463
Collet SZ-D 9,53/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for router shaft 9.53 mm, in self-service display pack	494464
Collet SZ-D 12,7/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for router shaft Ø 12.7 mm, in self-service display pack	494465
8 Routing aid OF-FH 2200	for OF 900, OF 1000, OF 1010, OF 1400, OF 2000, OF 2200, the router is guided securely along narrow edges thanks to the movable legs, in carton	495246
9 Parallel side fence SA-OF 1400	for OF 1400, With fine adjustment and extraction hood, without rods, in carton	492636





OF 2200

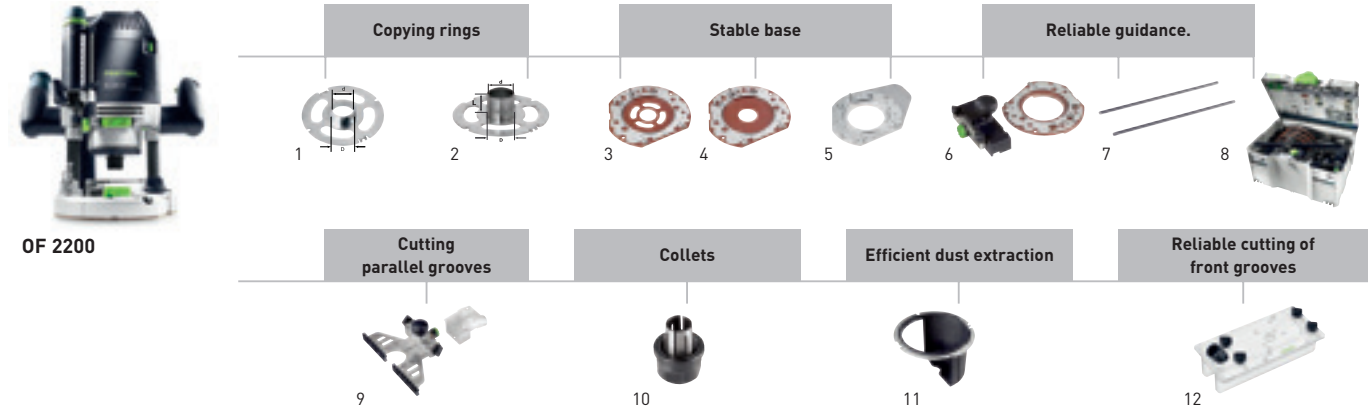


### Accessories for router OF 2200

Denomination	Explanation	Order no.
1 Copying ring KR-D 12,7/OF 2200	for OF 2200, D 12,7 mm, Ø 10 mm, in self-service display pack	495339
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 19,05/OF 2200	for OF 2200, D 19,05 mm, Ø 17 mm, in self-service display pack	495340
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 25,4/OF 2200	for OF 2200, D 25,4 mm, Ø 23 mm, in self-service display pack	495341
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 34,93/OF 2200	for OF 2200, D 34,93 mm, Ø 32 mm, in self-service display pack	495342
Copying ring KR-D 40,0/OF 2200	for OF 2200, D 40 mm, Ø 37 mm, in self-service display pack	494626
Copying ring KR-D 30,0/21,5/OF 2200	for OF 2200, extra long safety copying ring D30, 21 mm high, required for use of reversible blade cutters 497455 and 497456, D 30 mm, Ø 27 mm, in self-service display pack	497453
2 Adapter KRA-ZOLL/OF 2200	for OF 2200, adapter for imperial copying rings, in self-service display pack	494627
3 Baseplate LA-OF 2200 D36 CT	for OF 2200, for copying rings < 30 mm, With openings for optimised extraction, in carton	494675
4 Baseplate LA-OF 2200 D36	for OF 2200, reduces the opening of the router to the cutter diameter, in carton	494677
5 Support AFB-OF 2200	for OF 2200, extended baseplate for safe guidance of the router along edges, in carton	494682
6 Guide rail adapter FS-OF 2200	for OF 2200, Without guide rods ST-OF 2200/2, With fine adjustment and support plate for router, in carton	494681
7 Rod ST-OF 2200/2	for OF 2200, guide rods for side and guide stops, in self-service display pack	495247
8 Accessories set ZS-OF 2200 M	for OF 2200, guide rail adapter, parallel side fence with fine adjustment and dust extraction hood, guide rods, copying ring Ø 17 mm, copying ring Ø 24 mm, copying ring Ø 27 mm, copying ring Ø 40 mm, base D36, base for copying rings, extension, in SYSTAINER SYS 3 T-LOC	497655

# Routing

## System accessories



OF 2200

### Accessories for router OF 2200

Denomination	Explanation	Order no.
9 Parallel side fence SA-OF 2200	for OF 2200, With fine adjustment and extraction hood, Without guide rods ST-OF 2200/2, in carton	494680
10 Collet SZ-D 6,0/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for cutter shank $\varnothing$ 6 mm, in self-service display pack	494459
Collet SZ-D 8,0/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for cutter shank dia. 8 mm, in self-service display pack	494460
Collet SZ-D 10,0/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for cutter shank $\varnothing$ 10 mm, in self-service display pack	494461
Collet SZ-D 12,0/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for cutter shank $\varnothing$ 12 mm, in self-service display pack	494462
Collet SZ-D 6,35/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for router shaft 6.35 mm, in self-service display pack	494463
Collet SZ-D 9,53/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for router shaft 9.53 mm, in self-service display pack	494464
Collet SZ-D 12,7/OF 1400/2000/2200	for the OF 1400, OF 2000, OF 2200, for router shaft $\varnothing$ 12.7 mm, in self-service display pack	494465
11 Chip deflector KSF-OF 2200	for OF 2200, for optimal extraction when routing edges, max. cutter diameter 80 mm, in self-service display pack	494670
12 Routing aid OF-FH 2200	for OF 900, OF 1000, OF 1010, OF 1400, OF 2000, OF 2200, the router is guided securely along narrow edges thanks to the movable legs, in carton	495246



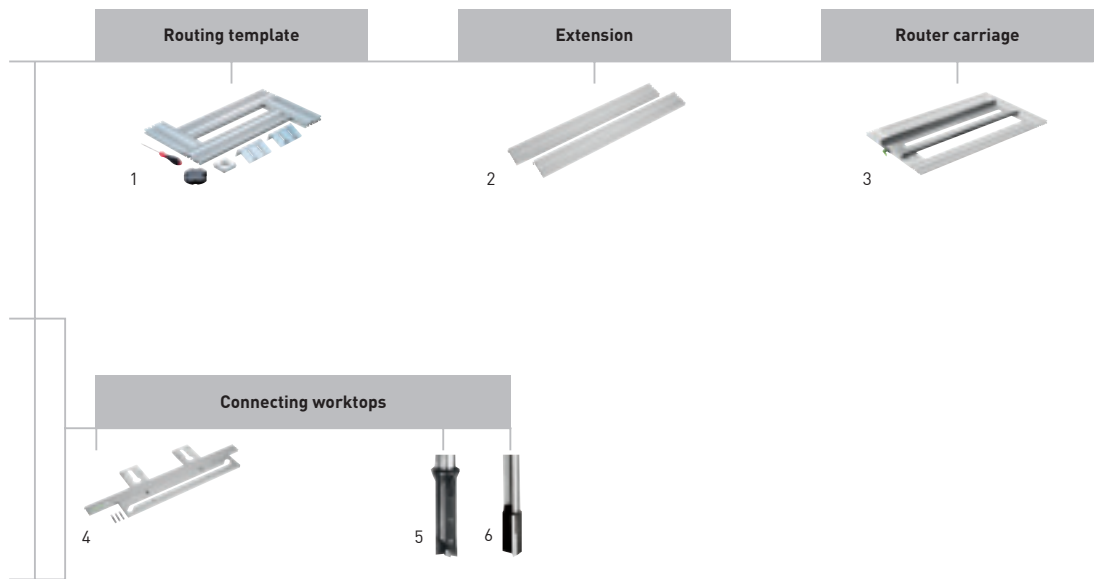
OF 1010



OF 1400



OF 2200

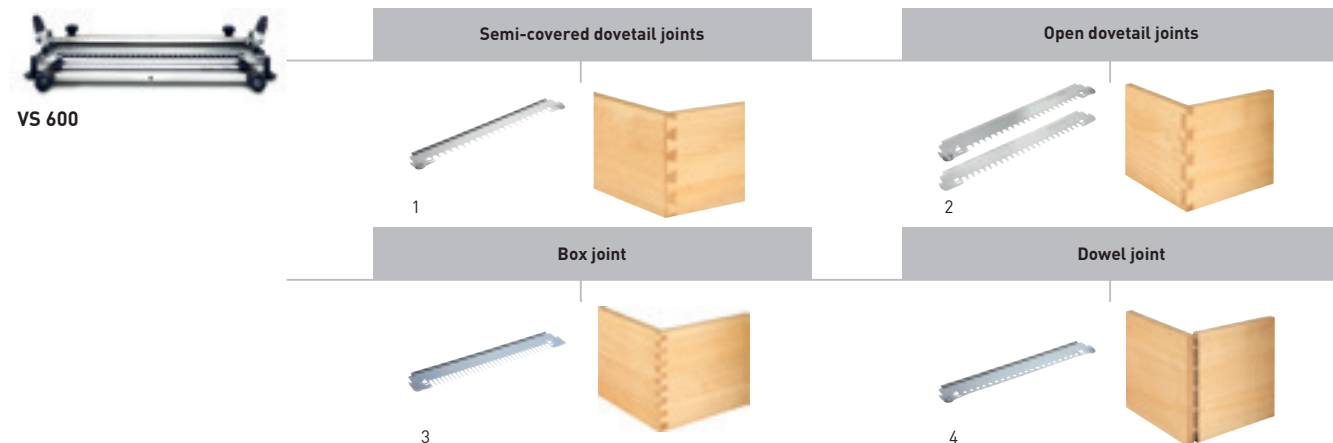


### Accessories for multi-routing template MFS

Denomination	Explanation	Order no.
<b>1 Routing template MFS 400</b>	for all routers with copying ring, for rectangular (max. 300 x 100 mm) or curved (max. Ø 600 mm) cut-outs, 2 x mitre guide, tilt stop, circle routing insert, operating tool, dimensions length x width 300 x 100 mm, radiuses 40 – 600 mm, in carton	<b>492610</b>
<b>Routing template MFS 700</b>	for all routers with copying ring, for rectangular (max. 600 x 300 mm) or curved (max. Ø 1200 mm) cut-outs, 2 x mitre guide, tilt stop, circle routing insert, operating tool, dimensions length x width 600 x 300 mm, radiuses 40 – 1.200 mm, in carton	<b>492611</b>
<b>2 Extension profile MFS-VP 200</b>	for extension of MFS 400, MFS 700, with scale, 2 x profile 200 mm, longitudinal connectors, qty. in pack 2 piece(s), in carton	<b>492722</b>
<b>Extension profile MFS-VP 400</b>	for extension of MFS 400, MFS 700, with scale, 2 x profile 400 mm, longitudinal connectors, qty. in pack 2 piece(s), in carton	<b>492723</b>
<b>Extension profile MFS-VP 700</b>	for extension of MFS 400, MFS 700, with scale, 2 x profile 700 mm, longitudinal connectors, qty. in pack 2 piece(s), in carton	<b>492724</b>
<b>Extension profile MFS-VP 1000</b>	for extension of MFS 400, MFS 700, with scale, 2 x profile 1000 mm, longitudinal connectors, qty. in pack 2 piece(s), in carton	<b>492725</b>
<b>Extension profile MFS-VP 2000</b>	for extension of MFS 400, MFS 700, without scale, 2 x profile 2000 mm, longitudinal connectors, qty. in pack 2 piece(s), in carton	<b>492726</b>
<b>3 Router carriage MFS-FS</b>	for large-surface routing, for MFS 400, MFS 700, traverse path 600 mm, Ø copy ring 30 mm, in carton	<b>495648</b>
<b>4 Worktop template APS 900</b>	for corner and butt joining of benchtops up to 900 mm wide, for router cutter diameter of 14 mm and copying ring diameter of 30 mm, corner connection template, profile MFS-VP 1000, 3 x Bolt, operating tool, in carton	<b>492727</b>
<b>5 Reversible blade groove cutter HW shank 12 mm HW S12 D14/45 WM</b>	for OF 1400, OF 2200, D 14 mm, NL 45 mm, GL 105 mm, in self-service display pack	<b>491110</b>
<b>6 Edge trimming cutter HW shank 12 mm HW S12 D14/50</b>	D 14 mm, NL 50 mm, GL 100 mm, in self-service display pack	<b>491089</b>

# Routing

## System accessories



### Routing templates and cutters for jointing system VS 600

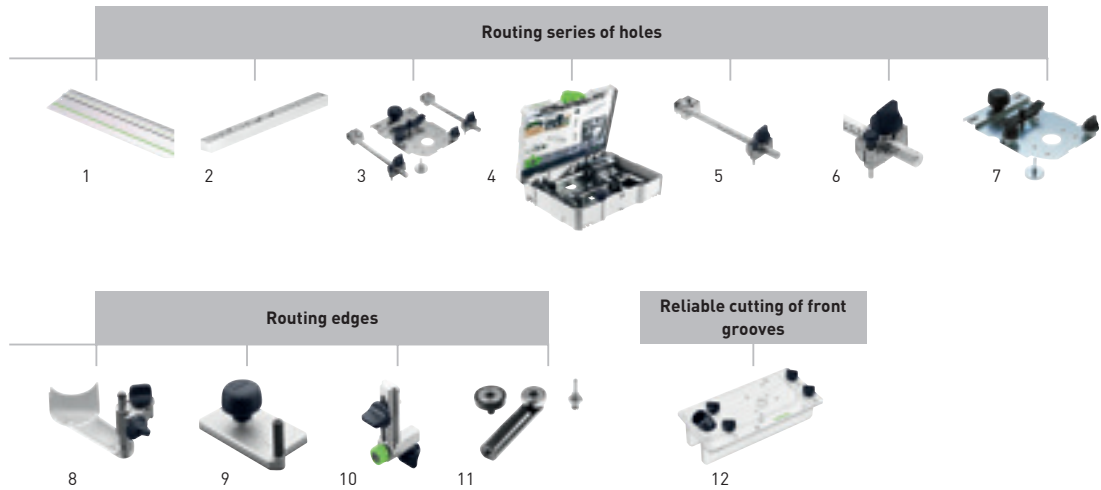
Denomination	Explanation	Order no.
<b>1 Dovetail joint template VS 600 SZ 14</b>	for OF 1010, OF 1400, for half-blind dovetail joint, pin size 14 mm, copying ring Ø 17 mm (for OF 1010), workpiece thickness 14 – 20 mm, in carton	<b>488877</b>
<b>Dovetail cutter HS shank 8 mm HS S8 D13,8/13,5/15°</b>	for semi-covered dovetail joints SZ 14, D 13,8 mm, NL 13,5 mm, GL 46 mm, alpha 15°, in self-service display pack	<b>490991</b>
<b>Dovetail cutter HW shank 8 mm HS S8 D13,8/13,5/15°</b>	for semi-covered dovetail joints SZ 14, D 13,8 mm, NL 13,5 mm, GL 46 mm, alpha 15°, in self-service display pack	<b>490992</b>
<b>Dovetail joint template VS 600 SZ 20</b>	for OF 1010, OF 1400, for half-blind dovetail joint, pin size 20 mm, copying ring Ø 24 mm (for OF 1400), workpiece thickness 21 – 28 mm, in carton	<b>488878</b>
<b>Dovetail cutter HS shank 8 mm HS S8 D20/17/15°</b>	for semi-covered dovetail joints SZ 20, D 20 mm, NL 17 mm, GL 49 mm, alpha 15°, in self-service display pack	<b>490995</b>
<b>Dovetail cutter HW shank 8 mm HS S8 D20/17/15°</b>	for semi-covered dovetail joints SZ 20, D 20 mm, NL 17 mm, GL 49 mm, alpha 15°, in self-service display pack	<b>490996</b>
<b>2 Template-kit VS 600 SZO 14</b>	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, in carton	<b>491152</b>
<b>Dovetail cutter HW shank 8 mm HW S8 D14,3/16/10°</b>	for open dovetail joints SZO 14, D 14,3 mm, NL 16 mm, GL 50 mm, alpha 10°, in self-service display pack	<b>491164</b>
<b>Template-kit VS 600 SZO 20</b>	for OF 1010, OF 1400, for through dovetail joints, pin size 20 mm, copying ring Ø 13.8 mm (for OF 1010), copying ring Ø 24 mm (for OF 1400), workpiece thickness 14 – 25 mm, in carton	<b>491153</b>
<b>Dovetail cutter HW shank 8 mm HW S8 D20/26/10°</b>	for open dovetail joint slots, SZO 20, D 20 mm, NL 26 mm, GL 58 mm, alpha 10°, in self-service display pack	<b>491165</b>
<b>Spiral groove cutter HW shank 8 mm HW Spi S8 D10/30</b>	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, in self-service display pack	<b>490980</b>
<b>3 Slot joint template VS 600 FZ 6</b>	for OF 1010, OF 1400, for box joints, pin size 6 mm, copying ring Ø 8.5 mm (for OF 1010), workpiece thickness 6 – 10 mm, in carton	<b>488879</b>
<b>Spiral groove cutter HW shank 8 mm HW Spi S8 D6/21</b>	for slot joints FZ 6 and open dovetail joints SZO 14 with fine precision in diameter, D 6 mm, NL 21 mm, GL 50 mm, in self-service display pack	<b>490978</b>
<b>Spiral groove cutter HS shank 8 mm HS Spi S8 D6/16</b>	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, in self-service display pack	<b>490944</b>
<b>Slot joint template VS 600 FZ 10</b>	for OF 1010, OF 1400, for box joints, pin size 10 mm, copying ring Ø 13.8 mm (for OF 1010), workpiece thickness 10 – 20 mm, in carton	<b>488880</b>
<b>Spiral groove cutter HS shank 8 mm HS Spi S8 D10/30</b>	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, in self-service display pack	<b>490946</b>
<b>4 Joining system dowel joint unit VS 600 DS 32</b>	for OF 1010, OF 1400, dowel joint in the 32 grid, copying ring Ø 13.8 mm (for OF 1010), in carton	<b>488881</b>
<b>Dowel drill HW shank 8 mm HW S8 D5/30 Z</b>	with brad point, D 5 mm, NL 30 mm, GL 53,5 mm, in self-service display pack	<b>491066</b>
<b>Dowel drill HW shank 8 mm HW S8 D6/30 Z</b>	with brad point, D 6 mm, NL 30 mm, GL 53,5 mm, in self-service display pack	<b>491067</b>
<b>Dowel drill HW shank 8 mm HW S8 D8/30 Z</b>	with brad point, D 8 mm, NL 30 mm, GL 53,5 mm, in self-service display pack	<b>491068</b>
<b>Dowel drill HW shank 8 mm HW S8 D10/30 Z</b>	with brad point, D 10 mm, NL 30 mm, GL 53,5 mm, in self-service display pack	<b>491069</b>



Adjustable shelving guide system



Edge trimming system



### Accessories for hole series system, edge trimming system

Denomination	Explanation	Order no.
1 Guide rail FS 1400/2-LR 32	with series of holes, length 1.400 mm, in carton	496939
Guide rail FS 2424/2-LR 32	with series of holes, length 2.424 mm, in carton	491622
2 Rip fence LA-LR 32 FS	positions the first hole on the hole series guide rail at a distance of 9.5, 16 or 32 mm from the workpiece edge, qty. in pack 2 piece(s), in self-service display pack	496938
3 Adjustable shelving guide system LR 32 Set	for use with routers OF 900, OF 1000, OF 1010, OF 1400 in the FS-LR32 system, for use with adjustable shelving guide rails, guide plate, centering mandrel, 2 x parallel side fence with integrated extraction hood, 2 x Longitudinal stop, in carton	583290
4 Adjustable shelving set LR 32-SYS	for OF 900, OF 1000, OF 1010, OF 1400, for use with adjustable shelving guide rails, guide plate, centering mandrel, operating 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, Screw clamp, FSZ 120, 2 x Longitudinal stop, in SYSTAINER SYS 1 T-LOC	584100
5 Parallel side fence SA-LR 32	with adjustable stop, for parallel alignment of guide rails, in carton	485758
6 Adjustable stop AR-LR 32	for OF 900, OF 1000, OF 1010, OF 1400, for parallel side fence, in carton	485759
7 Guide plate FP-LR 32	for use with routers OF 900, OF 1000, OF 1010, OF 1400 in the FS-LR32 system, centering mandrel, in carton	494340
8 Chip guard SF-OF	for OF 900, OF 1000, OF 1010, KF, in self-service display pack	486242
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 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
11 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
12 Routing aid OF-FH 2200	for OF 900, OF 1000, OF 1010, OF 1400, OF 2000, OF 2200, the router is guided securely along narrow edges thanks to the movable legs, in carton	495246

## Routing

### System accessories



OFK 500



OFK 700



1



2



MFK 700



3



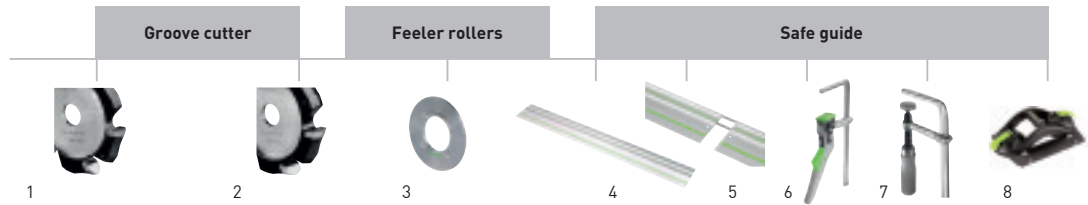
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#### Accessories for laminate trimmer OFK 500, OFK 700, module edge router MFK 700

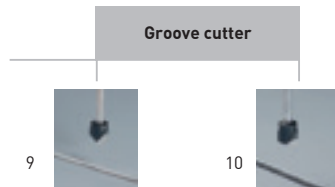
Denomination	Explanation	Order no.
1 Router base FT 0°	for routing accurate angles, in carton	491427
2 Collet SZ-D 6/OF 1000	for MFK/OFK 700, OF 900, OF 1000, OF 1010, KF, with locking nut, for cutter shank Ø 6 mm, in self-service display pack	488760
Collet SZ-D 6,35/OF 1000	for MFK/OFK 700, OF 900, OF 1000, OF 1010, KF, with locking nut, for cutter shank Ø 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, for cutter shank dia. 8 mm, in self-service display pack	488755
3 Router base FT-MFK 700 1,5° Set	for MFK/OFK 700, tarnishing pad, dust extraction hood, in carton	495165
4 Parallel side fence SA-MFK 700	for MFK 700, with fine adjustment, dust extraction hood, 2 x guide rods, in carton	495182



PF 1200



OF 1010



### Accessories for aluminium composite milling machine PF 1200, router OF 1010

Denomination	Explanation	Order no.
1 V-groove cutter HW 118x14-90°/Alu	D 118 mm, alpha 90°, in self-service display pack	491470
2 V-groove cutter HW 118x18-135°/Alu	D 118 mm, alpha 135°, in self-service display pack	491471
3 Feeler roller for aluminium composite milling machine D2	disc size 2 mm, in self-service display pack	491542
Feeler roller for aluminium composite milling machine D3	disc size 3 mm, in self-service display pack	491543
Feeler roller for aluminium composite milling machine D4	disc size 4 mm, in self-service display pack	491544
Feeler roller for aluminium composite milling machine D6	disc size 6 mm, in self-service display pack	491545
Feeler roller for aluminium composite milling machine A3	disc size 3 mm, in self-service display pack	491538
Feeler roller for aluminium composite milling machine A4	disc size 4 mm, in self-service display pack	491539
Feeler roller for aluminium composite milling machine A6	disc size 6 mm, in self-service display pack	491540
4 Guide-rails	from page 400	
5 Connector 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	for FS/2, MFT, solid steel version, clamping capacity 160 mm, in self-service display pack	491594
7 Fastening clamp FSZ 120	for FS/2, MFT, solid steel version, clamping capacity 120 mm, qty. in pack 2 piece(s), in self-service display pack	489570
Fastening clamp FSZ 300	for FS/2, MFT, solid steel version, clamping capacity 300 mm, qty. in pack 2 piece(s), in self-service display pack	489571
8 dual suction pad GECKO DOSH	from page 401	
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

## System accessories



CM 150



### Accessories for chain mortiser CM 150

Denomination	Explanation	Order no.
1 Guide frame GM 145	for chain sets 100-150 mm in length, for mortising, gas pressure spring, depth stop, parallel side fence with integrated extraction hood, mort. depth with the chain cutter 100: 95 mm, mort. depth with the chain cutter 125 mm 120 mm, mort. depth with the chain cutter 150: 145 mm, parallel side fence, adjustable 5 - 150 mm, weight 4,8 kg, in carton	<b>This product is not available in Australia.</b>
2 Chain cutter MF-CM 28x35x100 A	for CM 150, CMP 150, slot, -chain width 28 mm, slot length 35 mm, slot depth 100 mm, in carton	<b>This product is not available in Australia.</b>



If you want to achieve guaranteed quality, compromise is out of the question. Festool therefore recommends that you always use original Festool routing accessories for all Festool routers. Manufactured with the same care as the machines themselves from high grade steel and extremely wear-resistant carbide, the tools include cutting blades that boast exceptional micro-grain quality and density. Outstanding cutter geometry means the tools are synonymous with superior durability and superb results.

## The right material for every application

### HW Tungsten carbide

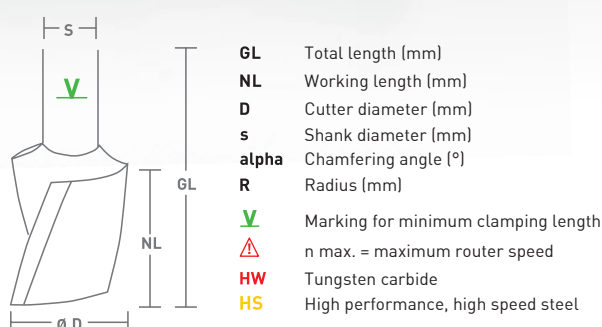
HW routers are ideally suited to processing hardwood, panel materials and plastic.

### HS High performance, high speed steel

This steel has mechanical and thermal properties that are best suited for routing soft materials such as spruce and pine.

### Tip

For the best routing patterns, the cutters should always be mounted at the lowest depth possible, and at least as far as the marking for minimum clamping length on the router shank.



# Expertise in routing – Festool's router bits.

With Festool's cutters you can reliably perform many tasks in an optimum manner.  
Tools, cutters and helpful accessories – one expert source for all your needs.

#### Disk groove cutter

from page 294

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#### Drill

from page 295

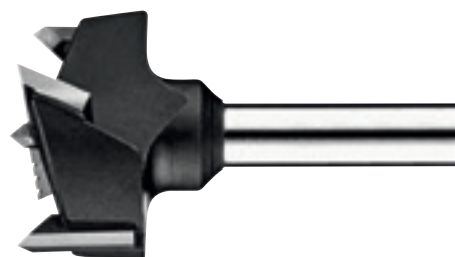
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#### Hinge location cutter

from page 294

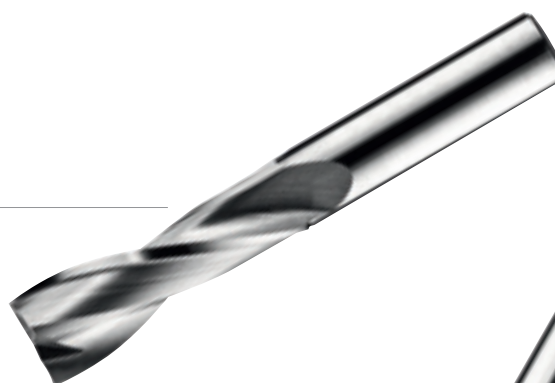
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#### Spiral groove cutter

from page 282

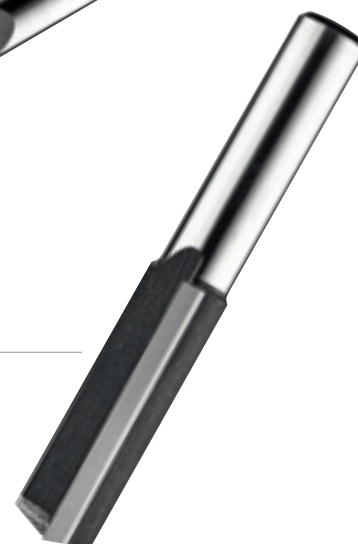
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#### Groove cutter

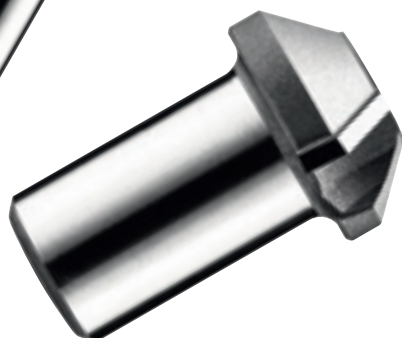
from page 280

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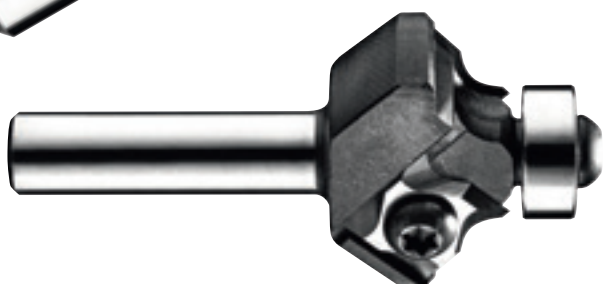




**Reversible blade rebating cutter**  
from page 283



**OFK 500 cutter system**  
from page 302



**Reversible blade roundover cutters**  
from page 301



**Rebating head and cutter spindle**  
from page 294

**Specialised cutters for solid surface and mineral materials**  
from page 304

# Routing

## Cutters

### Groove cutter

**HW**  
s = 8

**Router cutter HW, solid hard metal with base blade, shank 8 mm**



D	NL	GL	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

#### No compromises.

The ground tungsten-carbide standard bit provides greater service life when drilling engineered wood

**HW**  
s = 8

**Router cutter HW with fitted base blade, shank 8 mm**



\* for slot jointing with the Festool VS 600, with extra precision in the diameter

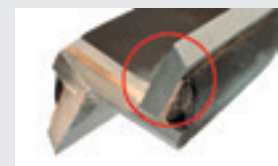
D	NL	GL	Order no.
9	23	55	490958
10	20	60	490959
10	25	60	490960 *
10	30	60	491648
11	20	60	490961
12	20	60	490962
12	30	60	491649
13	20	60	490963
14	20	60	490964
15	20	60	490965
16	20	60	490966
16	30	65	490967
18	20	60	490968
18	30	65	490969
19	20	60	490970
20	20	60	490971
20	30	65	490972
22	20	60	490973
24	20	60	490974
25	20	60	490975
30	20	60	490976

#### Long service life, even when plunge cutting.

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. It cuts precisely, makes drilling easier and has a long service life.

#### Hard-wearing bit.

After 60 holes in a kitchen worktop (30 mm deep): bit shows only slight signs of wear.



#### Worn bit.

After 60 holes in a kitchen worktop (30 mm deep): blunt cutter.



## Groove cutter

**HW**  
s = 12

**Router cutter HW with fitted base blade, shank 12 mm**



D	NL	GL		Order no.
10	35	90		<b>491086</b>
12	40	90	③	<b>491087</b>
13,2	35	85	①	<b>493789</b>
14	40	85		<b>491088</b>
14	50	100		<b>491089</b>
15	35	85	②	<b>493790</b>
16	45	90		<b>491090</b>
16	60	100		<b>491091</b>
18	45	90		<b>491092</b>
20	45	90	④	<b>491093</b>
22	45	90		<b>491094</b>
24	45	90		<b>491095</b>
30	35	90		<b>491096</b>

**HW "Schall-Ex" and "Planet" groove cutter.**

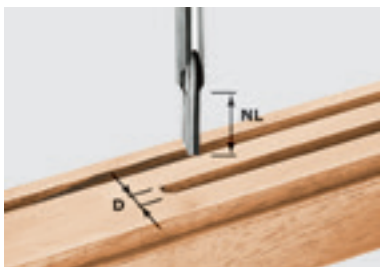
The perfect solution when installing automatic door seals on-site.

### Effective dimensions of seal types

Gasket	Width (mm)	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	12,0	40	③
Double seals	12,0	40	③
Schall-Ex Ultra	19,7	30	④

**HS**  
s = 8

**Router cutter HS single-edged, with base blade, Shank 8 mm**



D	NL	GL	Order no.
3	8	45	<b>490941</b>
4	15	48	<b>490942</b>
5	12	50	<b>490943</b>

# Routing

## Cutters

### Cutter box, spiral groove cutters

#### Router bit box



Order no.

#### Items included in cutter box

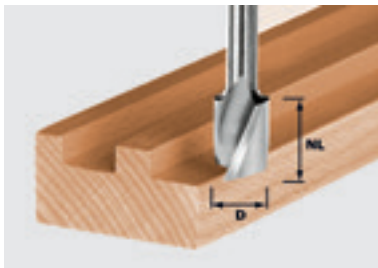
Edge trimming cutter HW D12.7/NL25 KL, dowel drill HW D5 x 30 Z, router cutter HW D10/20 with drilling cutter, router cutter HW D18/30 with drilling cutter, roundover cutter HW D16.7/R2 KL, roundover cutter HW D25.5 R6.3 KL, roundover cutter HW D31.7 R9.5 KL, chamfer cutter HW D36/45° KL, groove cutting disc HW D40 x 4, cutter spindle for groove cutting disc KL 16, dovetail cutter HW D13.8/15°	<b>498979</b>
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#### Cutter set for professionals.

The cutter box contains 11 cutter bits for the most important and most common applications, at a lower price when compared with buying each separately. In the cutter set the individual cutter bits are stored clearly and securely in a transparent cutter magazine.

**HS**  
s = 8

#### Spiral router cutter HS with base blade, Shank 8 mm



\* for slot jointing with the Festool VS 600, with extra precision in the diameter

D	NL	GL	Order no.
6	16	50	<b>490944 *</b>
8	19	50	<b>490945</b>
10	30	60	<b>490946 *</b>
12	20	52	<b>490947</b>
14	20	52	<b>490948</b>
16	20	52	<b>490949</b>
18	25	57	<b>490950</b>
20	25	57	<b>490951</b>

#### Multi-talented.

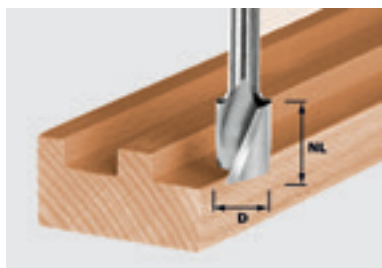
The HS spiral groove cutter and the HW solid carbide spiral groove cutter: Fast rate of advance for grooving, rebating, long-hole cutting, drilling and copy routing. The chips are drawn upwards by the spiral cutter, keeping the groove permanently clean.



## Spiral groove cutter, reversible blade groove cutter

**HW**  
s = 8

**Spiral router cutter HW solid hard metal with base blade, Shank 8 mm**



D	NL	GL	Order no.
4	10	45	<b>490977</b>
6	21	50	<b>490978</b>
8	25	55	<b>490979</b>
10	30	60	<b>490980</b>

**HW**  
s = 8

**Turning plate router cutter HW single-edged, with base blade, Shank 8 mm**



D	NL	GL	Order no.
8	20	50	<b>491078</b>
10	25	55	<b>491079</b>
12	30	61	<b>491080</b>
14	30	66	<b>492715</b>
16	30	70	<b>492716</b>
18	30	70	<b>492717</b>

### Accessories for turning plate router cutter HW, single-edged with base blade, Shank 8 mm

<b>Replacement blade for cutter HW-WP 20x4,1x1,1 (4x)</b> for cutter 491078	<b>491386</b>
<b>Replacement blade for cutter HW-WP 25x5,5x1,1 (4x)</b> for cutter 491079 (4 pcs)	<b>491387</b>
<b>Replacement blade for cutter HW-WP 30x5,5x1,1 (4x)</b> for cutter 491080 (4 pcs)	<b>491388</b>
<b>Reversible blade HW-WP 30x12x1,5 (4x)</b> for 492716, 492717, 491081, 491120 cutters, main plate	<b>491393</b>
<b>Replacement blade for cutter HW-WP 7,6x12x1,5 (4x)</b> pre-cutter for 492716, 492717, 491081, 491120 cutters	<b>491390</b>

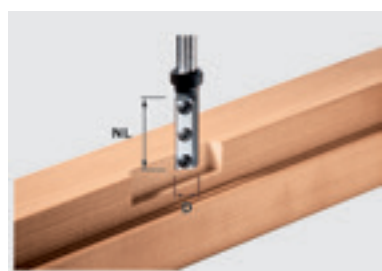
### Its efficiency speaks for itself.

The reversible blades provide consistent cutter dimensions and precision – without resharping. Quick cutter changes and reversible blade guarantee sharp cutters and greater economic efficiency at all times.



**HW**  
s = 12

**Turning plate router cutter HW single-edged, with base blade, shank 12 mm**



D	NL	GL	Order no.
16	50	110	<b>497454</b>

### Accessories for reversible blade rebating cutter HM, single edge with plunge point, shank 12 mm

<b>Reversible blades Wepla Set D 16 2+2</b> spare reversible blades set for cutter 497454	<b>497458</b>
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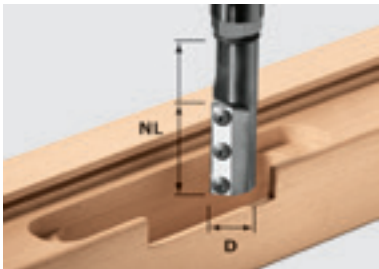
# Routing

## Cutters

### Reversible blade rebating cutter

HW  
KN

Turning plate router cutter HW single-edged, with base blade, direct bit holder



D	NL	GL	Order no.
20	50	110	497455
24	50	117	497456

#### Accessories for turning plate router cutter HW, single-edged with base blade, direct bit holder

**Reversible blade Wepla Set D 20 2+2** 497568  
spare reversible blades set for cutter 497455

**Reversible blade Wepla Set D 24 2+2** 497569  
spare reversible blades set for cutter 497456

**Copying ring** 497453  
**KR-D 30,0/21,5/OF 2200**  
for OF 2200, extra long safety copying ring D30, 21 mm high, required for use of reversible blade cutters 497455 and 497456, D 30 mm, Ø 27 mm

**For door hinges in block frames and door leaves.**

The extra long reversible blade cutter is suitable for extreme routing depths, with direct bit holder for 20 and 24 mm diameters. For precision working in combination with router OF 2200 and extra long copying ring (order no. 497453).





## Stepped cutter, ovolo edge cutter, half-round cutter

### HW s = 12 Stepped cutter, Shank 12 mm

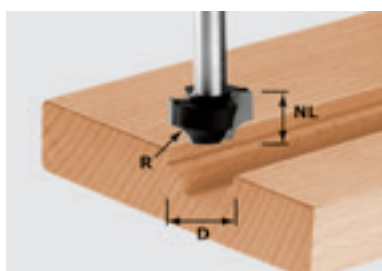


D1	D2	NL	T1	Order no.
16,3	12,3	14	9,3	<b>492713</b>
20,3	12,3	14	6	<b>492714</b>

#### Perfect combined with the routing aid.

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.

### HW s = 8 Ovolo edge cutter HW, shank 8 mm

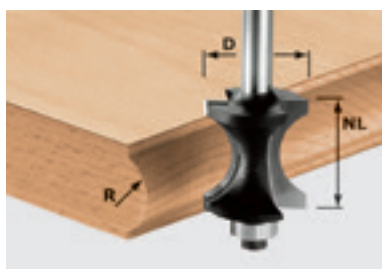


D	NL	GL	R	Order no.
17	10	40	3	<b>491004</b>
23	13	45	6	<b>491007</b>

#### For decorative front design of imitation panelling

It is possible to plunge-cut centrally into the front of the furniture using the standard bit.

### HW s = 8 Half-round cutter HW with ball bearing guide, shank 8 mm



D	NL	GL	R	Order no.
27	28	70	12	<b>491139</b>

#### Accessories for half-round cutter HW

<b>Ball bearing guide D12,7 (2x)</b> qty. in pack 2 piece(s), diameter 12,7 mm	<b>491383</b>
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#### 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.

## Routing

### Cutters

#### Roundover cutter, roundover/chamfer cutter

##### HW s=8 Ogee cutter HW with ball bearing guide, shank 8 mm



\* delivered items include Ø 12.7 mm and Ø 9.5 mm ball bearing

D	NL	GL	R	Order no.
16,7	9	49	2	491009
19,1	10	50	3	491010 *
20,7	11	51	4	491011 *
22,7	12	52	5	491012 *
25,5	13,5	54	6,35	491013 *
28,7	15	55	8	491014 *
31,7	16,5	56	9,5	491015 *
38,1	19	59	12,7	491016 *
42,7	22	62	15	491017 *

##### Accessories for classic ogee cutter HW

<b>Ball bearing guide D12,7 (2x)</b> qty. in pack 2 piece(s), diameter 12,7 mm	491383
<b>Ball bearing guide D 9,53 (2x)</b> diameter 9,53 mm, qty. in pack 2 piece(s)	491382

One tool – two uses.



With ball bearing guide Ø 12.7 mm for rounding



With ball bearing guide Ø 9.5 mm for beading

##### HW s=12 Ogee cutter HW with ball bearing guide, shank 12 mm



D	NL	GL	R	Order no.
63	32	82	25	491107

##### Accessories for classic ogee cutter HW

<b>Ball bearing guide D12,7 (2x)</b> diameter 12,7 mm, qty. in pack 2 piece(s)	491383
<b>Ball bearing guide D 9,53 (2x)</b> diameter 9,53 mm, qty. in pack 2 piece(s)	491382

##### HW s=8 Ogee chamfer cutter HW with ball bearing guide, Shank 8 mm



D	NL	GL	R	alpha	Order no.
17,5	19	61	6	15	491134
23,1	19	60	6	30	491135
31,4	18,5	60	6	45	491136

##### Accessories for classic ogee/chamfer cutter HW, Shank 8 mm

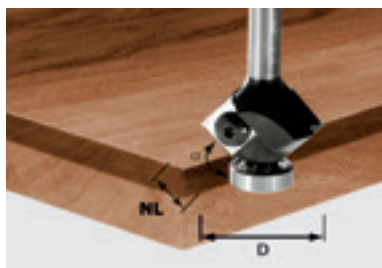
<b>Ball bearing guide D17,5/15° (2x)</b> for cutter 491134, alpha 15°, D 17,5 mm, qty. in pack 2 piece(s)	491403
<b>Ball bearing guide D23,1/30° (2x)</b> for cutter 491135, D 23,1 mm, alpha 30°, qty. in pack 2 piece(s)	491404
<b>Ball bearing guide D31,4/45° (2x)</b> for cutter 491136, D 31,4 mm, alpha 45°, qty. in pack 2 piece(s)	491405



## Chamfering/edge cutter with reversible blade, chamfer cutter

**HW**  
s = 8

### Carbide chamfer/edge cutter with reversible blade and ball bearing guide, Shank 8 mm



D	NL	GL	alpha	Order no.
27	8	55	45	<b>499807</b>

#### Accessories for turning plate slot cutter HW

<b>Ball bearing guide D12,7 (2x)</b> diameter 12,7 mm, qty. in pack 2 piece(s)	<b>491383</b>
<b>Reversible blade HW-WP 12x12x1,5 (4x)</b>	<b>491391</b>

#### Precisely calculated.

The edge trimming cutter with HW reversible blades is the ideal tool for those who attach great importance to a long service life, outstanding economic efficiency and constant precision. Purchase one reversible blade, receive the service life of four cutters and save on consequential costs because the cutter can be reversed.

**HW**  
s = 8

### Chamfer cutter HW with ball bearing guide, Shank 8 mm



D	NL	GL	alpha	Order no.
18	11	50	15	<b>499801</b>
25,7	25,1	70	15	<b>491132</b>
25	11	50	30	<b>499800</b>
38,5	25,7	64	30	<b>491133</b>
26	7	48	45	<b>499799</b>
36	11,5	53	45	<b>491025</b>

#### Accessories for chamfer cutter HW

<b>Ball bearing guide D12,7 (2x)</b> qty. in pack 2 piece(s), diameter 12,7 mm	<b>491383</b>
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#### An unbeatable team.

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



**HW**  
s = 12

### Chamfer cutter HW (carbide), Shank 12 mm



D	NL	GL	alpha	Order no.
44	30	80	30	<b>491101</b>
55	20	76	45	<b>491102</b>

#### Accessories for chamfer cutter HW

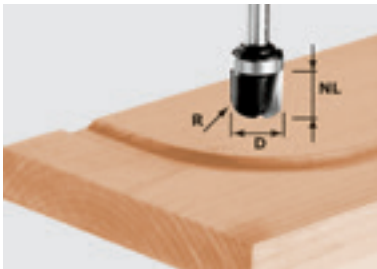
<b>Ball bearing guide D12,7 (2x)</b> qty. in pack 2 piece(s), diameter 12,7 mm	<b>491383</b>
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# Routing

## Cutters

### Round nose cutter, flute cutter

**HW**  
s = 8 **Water gutter cutter HW with ball bearing guide, Shank 8 mm**



D	NL	GL	R	Order no.
19	16	53	6,4	<b>490982</b>

#### Accessories for round nose cutter HW

<b>Ball bearing guide D19 (2x)</b> qty. in pack 2 piece(s), diameter 19 mm	<b>491396</b>
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#### 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.

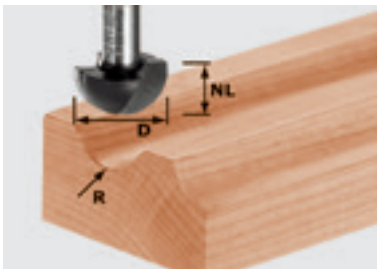
**HW**  
s = 8 **round nose cutter, Shank 8 mm**



D	NL	GL	R	Order no.
16	25	65	5	<b>490981</b>

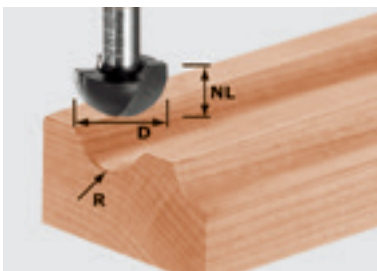


**HW**  
s = 8 **Flute cutter HW, Shank 8 mm**



D	NL	GL	R	Order no.
8	8	38	4	<b>490983</b>
12,7	10	40	6,35	<b>490984</b>
16	11	41	8	<b>490985</b>
19,4	11	41	9,7	<b>490986</b>
25,4	14	44	12,7	<b>490987</b>

**HW**  
s = 12 **Flute cutter HW, shank 12 mm**



D	NL	GL	R	Order no.
30	20	60	15	<b>491104</b>
40	25	65	20	<b>491105</b>

**HW**  
s = 8 **Flute cutter HW with ball bearing guide, shank 8 mm**



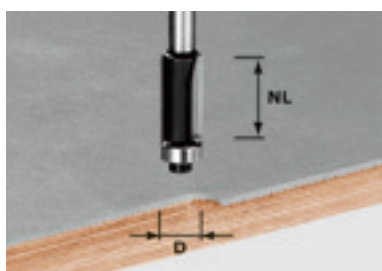
D	NL	GL	R	Order no.
25,5	12,7	54	6,35	<b>491018</b>
28,7	14	56	8	<b>491019</b>
31,7	14,3	56	9,5	<b>491020</b>
38,1	16	57	12,7	<b>491021</b>

#### Accessories for flute cutter HW

<b>Ball bearing guide D12,7 (2x)</b> qty. in pack 2 piece(s), diameter 12,7 mm	<b>491383</b>
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## Flush trim cutter, turning plate edge trimming cutter

### HW s=8 Edge trimming cutter HW with ball bearing guide, shank 8 mm



D	NL	GL	alpha	Order no.
12,7	25	65	0	491027

#### Accessories for edge trimming cutter HW

<b>Ball bearing guide D12,7 (2x)</b> diameter 12,7 mm, qty. in pack 2 piece(s)	491383
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#### 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.

### HW s=8 Edge trimming cutter HW with ball bearing guide, shank 8 mm



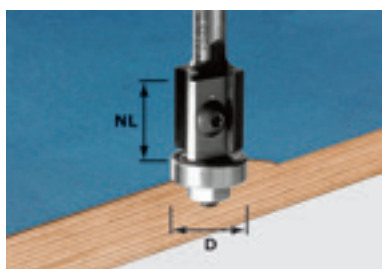
D	NL	GL	alpha	Order no.
19,05	25	62	0	491028

#### Accessories for edge trimming cutter HW

<b>Ball bearing guide D19 (2x)</b> qty. in pack 2 piece(s), diameter 19 mm	491396
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### HW s=8 Turning plate edge trimming cutter HW with ball bearing guide, shank 8 mm



D	NL	GL	alpha	Order no.
19	20	64	0	491082

19	12	52	0	499806
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#### Accessories for turning plate slot cutter HW

<b>Ball bearing guide D19 (2x)</b> diameter 19 mm	491385
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<b>Reversible blade for cutter</b> HW-WP 20x12x1,5 (4x)	491392
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<b>Reversible blade</b> HW-WP 12x12x1,5 (4x)	491391
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#### Precision – even after sharpening.

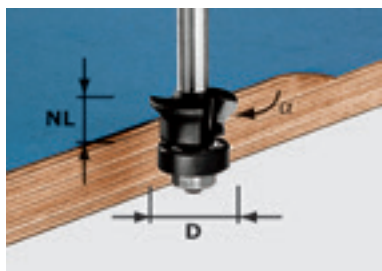
When sharpening blunt edges on conventional cutters, the diameter aligned to the ball bearing guide normally decreases. This causes a ridge to form when edges are trimmed flush after the bit is sharpened. The turning plate slot cutter and ball bearing guide maintain a high level of precision.

# Routing

## Cutters

### Edge trimming chamfer cutter, drilling cutter, rebating cutter

#### HW s=8 Chamfer/edge trimming cutter with ball bearing guide, shank 8 mm



D	NL	GL	Order no.
24	11	54	491026

#### Accessories for edge trimming chamfer cutter

<b>Ball bearing guide D18 (2x)</b> diameter 18 mm	491400
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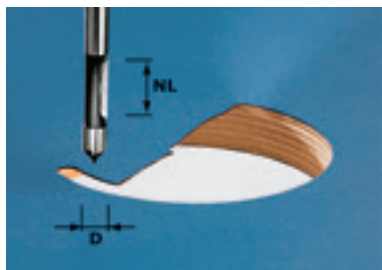
#### One tool – three uses.

Flush trimming of protruding coatings at a right angle, with a 45° chamfer or even both in one working process. The plastic-coated ball bearing guide does not leave any marks and protects the edge of the workpiece.



Flush Chamfered Flush + chamfered

#### HW s=8 Drilling cutter HW, shank 8 mm



D	NL	GL	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.

#### HW s=8 Turning plate rebating cutter with ball bearing guide, shank 8 mm



D	NL	GL	Order no.
38	12	53,7	491085 *

#### Accessories for turning plate rebating cutter

<b>Reversible blade</b> HW-WP 12x12x1,5 (4x)	491391
<b>Ball bearing guide</b> D9,5/12,7/16/19/22	491406

\* Items included: ball bearing set, Ø 9.5 mm to Ø 22 mm

#### Amazingly versatile.

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

Rebate depth (mm)	Ball bearing Ø (mm)
14,6	9,5
12,6	12,7
11	16
9,5	19
8,0	22

#### HW s=8 Rebating cutter HW with ball bearing guide, shank 8 mm



D	NL	GL	Order no.
31,7	12,7	54	491022 **

#### Accessories for rebating cutter HW

<b>Ball bearing guide D12,7 (2x)</b> diameter 12,7 mm, qty. in pack 2 piece(s)	491383
<b>Ball bearing guide D9,5/12,7/16/19/22</b> diameter 9,5; 12,7; 16; 19; 22 mm	491406

\*\* Items included: 1 ball bearing Ø 12.7 mm with 9.5 mm rebate depth

Rebate depth (mm)	Ball bearing Ø (mm)
11	9,5
9,5	12,7
7,9	16
6,35	19
4,9	22

## Dovetail cutter, hand grip/hand rail cutter

**HW**  
s = 8

**Dovetail cutter with pre-cutter, shank 8 mm**



D	NL	GL	alpha	Order no.
14,3	13,5	46	15	<b>490990</b>

**Perfect for dovetail joints.**

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

**HW**  
s = 8

**Dovetail cutters, shank 8 mm**



D	NL	GL	alpha	Order no.
13,8	13,5	46	15	<b>490992 *</b>
16	13,5	46	15	<b>490993 *</b>
20	17	49	15	<b>490996 *</b>
14,3	16	50	10	<b>491164 **</b>
20	26	58	10	<b>491165 **</b>



06

**HS**  
s = 8

**Dovetail cutters, shank 8 mm**



D	NL	GL	alpha	Order no.
13,8	13,5	46	15	<b>490991 *</b>
20	17	49	15	<b>490995 *</b>



For use with jointing system VS 600:  
\* for partially covered dovetail joint  
\*\* for open dovetail joint

**HW**  
s = 8

**Recessed grip cutter HW with ball bearing guide, shank 8 mm**



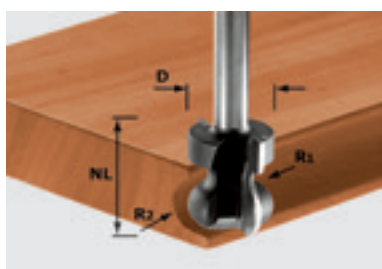
D	NL	GL	R	Order no.
19	19	68	16	<b>491033</b>

### Accessories for hand hole cutter HW

<b>Ball bearing guide D19 (2x)</b> diameter 19 mm, qty. in pack 2 piece(s)	<b>491396</b>
---	---------------

**HW**  
s = 8

**Hand rail cutter HW, shank 8 mm**



D	NL	GL	R	Order no.
22	16	59	2,5/6	<b>491140</b>



# Routing

## Cutters

### Tongue and groove cutters, script cutter

**HW**  
s = 8

**Tongue and groove cutter HW, shank 8 mm**

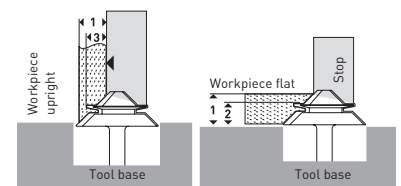


D	NL	GL	Order no.
34	32	62	491034

#### Setting table for tongue and groove cutters

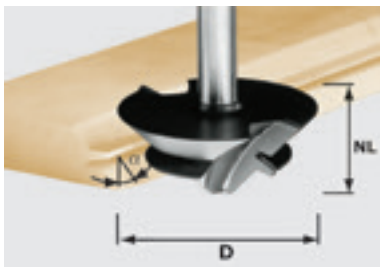
Wood thickness (1)	Height, Y dimension (2)	Stop, X dimension (3)
12	9,2	8,8
13	9,7	9,3
14	10,2	9,8
15	10,7	10,3
16	11,2	10,8
17	11,7	11,3
18	12,2	11,8
19	12,7	12,3
20	13,2	12,8
21	13,7	13,3

As both workpieces to be glued are to be processed in one cutter setting, the setting of the mitre-tongue and groove cutter requires the precise adjustment of the stop and the table height. The graphic above and the settings table can be used for assistance. Nevertheless, readjustment may be necessary.



**HW**  
s = 12

**Mitre tongue and groove cutter, shank 12 mm**

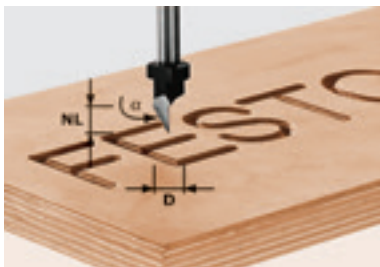


D	NL	GL	alpha	Order no.
64	27	67	45	492709

n max. 22,000

**HW**  
s = 8

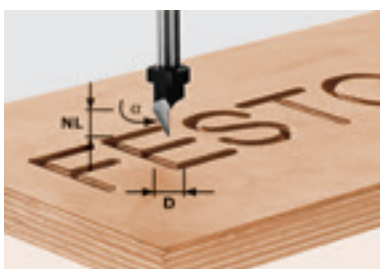
**Script cutter, shank 8 mm**



D	NL	GL	alpha	Order no.
11	9,5	55	60	491003

**HS**  
s = 8

**Script cutter, shank 8 mm**



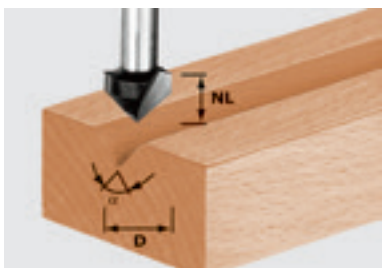
D	NL	GL	alpha	Order no.
11	9,5	55	60	491002



## V-groove cutter, plasterboard V-groove cutter

**HW**  
s=8

**V-groove cutter, shank 8 mm**



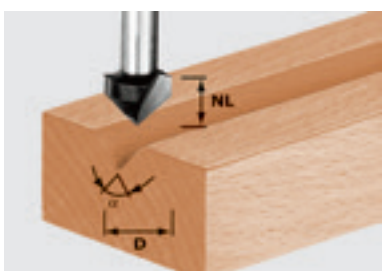
D	NL	GL	alpha	Order no.
14	7	50	90	<b>490999</b>

### Ideal for decorative veining.

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

**HS**  
s=8

**V-groove cutter, shank 8 mm**

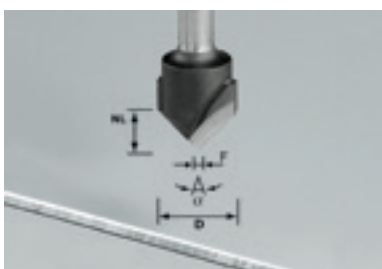


D	NL	GL	alpha	Order no.
14	7	50	90	<b>490998</b>

11	9,5	50	60	<b>490997</b>
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**HW**  
s=8

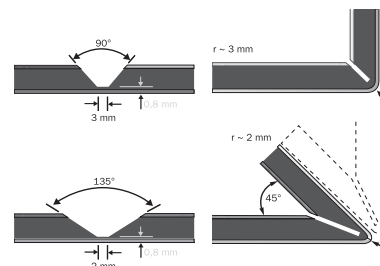
**V-groove cutter, for processing aluminium composite panels, shank 8 mm**



D	NL	GL	alpha	Order no.
18	3,3	59	135	<b>491443</b>

18	8	59	90	<b>491444</b>
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### Routing aluminium composite panels



**HW**  
s=8

**Cutter V groove HW, shank 8 mm**

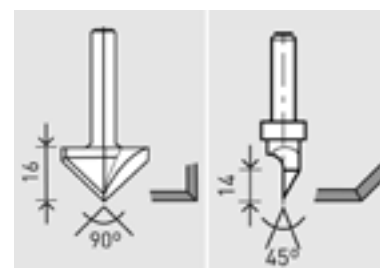


D	NL	GL	alpha	Order no.
12,5	14	55	45	<b>491000 *</b>

32	16	49	90	<b>491001</b>
----	----	----	----	---------------

### Routing and jointing instead of gluing and smoothing.

A 45° cutter for rebating 45° corner joints is now available in addition to the 90° plasterboard V-groove cutter.



90° plasterboard  
V-groove cutter  
(Order no. 491001)

45° plasterboard  
V-groove cutter  
(Order no. 491000)

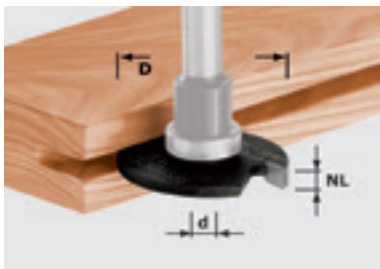
\* single-edged tool

# Routing

## Cutters

### Disk groove cutter, hinge location cutter

#### HW s = 8 Groove cutting disc HW



D	Ø	NL	Order no.
40	6	1,5	491038
40	6	2	491040
40	6	2,5	491056
40	6	3	491057
40	6	3,5	491058
40	6	4	491059
40	6	5	491060

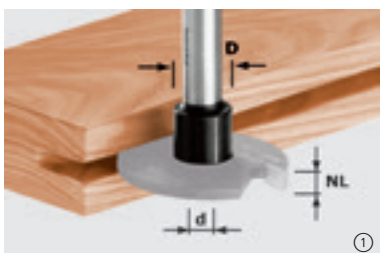
**3 different cutter spindles are available for use of the disk groove cutter from 1.5 mm to 5 mm groove width.**

Cutter spindle 1 has a fixed shaft, which is not suitable as a stop surface (fire hazard). Therefore, this cutter spindle is only intended for work with a side stop.

Cutter spindle 2 is equipped with a 16 mm ball bearing (above the slot cutting blade), which serves as a stop surface. With this cutter spindle, the 40 mm slot cutting blade produces a slot depth of 12 mm.

Cutter spindle 3 is equipped with a 28 mm ball bearing (above the slot cutting blade), which serves as a stop surface. With this cutter spindle, the 40 mm slot cutting blade produces a slot depth of 6 mm.

#### HW s = 8 Cutter spindle for groove cutting disc HW



D	Ø	GL	Ball bearing	Order no.
14	6	49	-	499805
16	6	43	16	499803
28	6	45	28	499804

#### Accessories for cutter spindle, shank 8 mm

<b>Ball bearing guide D16 (2x)</b> diameter 16 mm	②	491384
<b>Ball bearing guide D28 (2x)</b> diameter 28 mm		491397

#### 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.



#### HW s = 8 Hinge location cutter HW (carbide) with carbide chip breaker, shank 8 mm



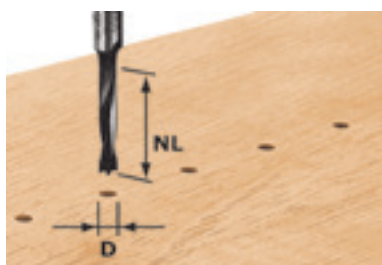
D	GL	Order no.
15	54,5	491070
18	54,5	491071
20	54,5	491072
25	54,5	491073
26	54,5	491074
30	54,5	491075
34	54,5	491076
35	54,5	491077

#### 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 between the holes on the System 32 grid.

## Dowel/through-hole drill, T-slot cutter, roman ogee cutter, multi profile cutter

**HW**  
s = 8 **Dowel drill HW, shank 8 mm**



\* without centre point

D	NL	GL	Order no.
3	16	55	491065 *
5	30	53,5	491066
6	30	53,5	491067
8	30	53,5	491068
10	30	53,5	491069

### Versatile use.

The dowel drill HW is ideal for drilling rows of holes and combining with the dowel unit from jointing system VS 600.



**HW**  
s = 8 **Drill HW, shank 8 mm**



D	NL	GL	Order no.
5	30	53,5	491064

**HW**  
s = 8 **Roman ogee cutter HW with ball bearing guide, shank 8 mm**



D	NL	GL	R1	R2	Order no.
31,7	13	53	4	4	491029
38,1	19	59	6,35	6,35	491030

### Accessories for double radius cutter

**Ball bearing guide D12,7 (2x)** 491383  
qty. in pack 2 piece(s), diameter 12,7 mm

**HW**  
s = 8 **Multi-profile cutter HW with ball bearing guide, shank 8 mm**

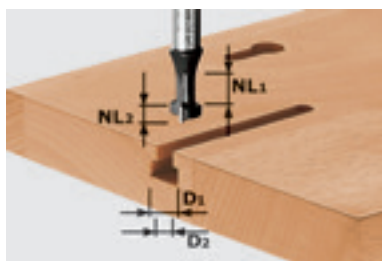


D	NL	GL	R	Order no.
36,7	21	61	6	491031

### Accessories for multi-profile cutter

**Ball bearing guide D12,7 (2x)** 491383  
qty. in pack 2 piece(s), diameter 12,7 mm

**HW**  
s = 8 **Key-hole cutter HW, shank 8 mm**



D1	D2	Wrk. length 1	Wrk. length 2	GL	Order no.
10,5	6	8	5	50	491035

### Excellent for special tasks.

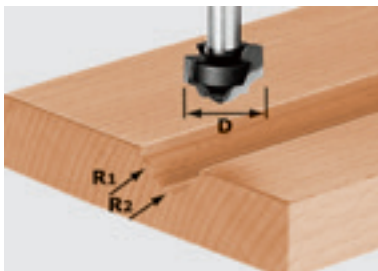
For cutting T-grooves, shaped holes and keyhole mountings in solid wood and panel material.

# Routing

## Cutters

### Profile cutter, counterprofile cutter

**HW**  
s = 8 **Profile cutter HW, shank 8 mm**



D	NL	GL	R1	R2	Order no.
19	12,5	54	4	5	491032



**HW**  
s = 8 **Profile cutter HW, shank 8 mm**



D	NL	GL	R1	R2	Order no.
42	13	50	6	12	491137



**HW**  
s = 8 **Profile cutter radius HW with ball bearing guide, shank 8 mm**



D	NL	GL	R	Order no.
42	14	54	6	491131

#### Accessories for profile cutters, radius

<b>Ball bearing guide D12,7 (2x)</b> diameter 12,7 mm, qty. in pack 2 piece(s)	491383
---	--------

#### Simple and exact.

This profile cutter with its long-drawn radius is the ideal power tool for rounding furniture fronts, tabletops, benches or chairs. Curved or round parts can also be rounded easily with this tool.

**HW**  
s = 8 **Counterprofile cutter spring HW with ball bearing guide, shank 8 mm**



D	NL	B	R	Order no.
43	21	5	16	491130

#### Accessories for counterprofile cutter, tongue

<b>Ball bearing guide D16 (2x)</b> diameter 16 mm	491384
--	--------

#### Framed doors with counterprofile and panelling.

Whether you wish to produce traditional profiles or modern shapes – adjusting the cutting rings is simple with the ball bearing guide.

**HW**  
s = 8 **Counterprofile cutter groove HW with ball bearing guide, shank 8 mm**



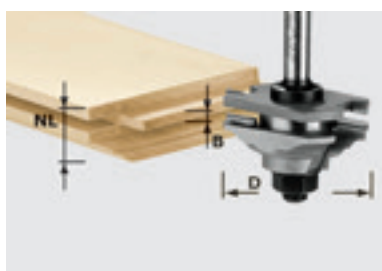
D	NL	B	R	Order no.
43	21	5	16	491129

#### Accessories for counterprofile cutter groove HW

<b>Ball bearing guide D16 (2x)</b> diameter 16 mm	491384
--	--------

## Profile tongue cutter, profile groove cutter, facing cutter

**HW**  
s = 8 **Profile/spring cutter HW with ball bearing guide, shank 8 mm**



D	NL	B	R	Order no.
46	20	4	22	<b>490643</b>

### For classic furniture fronts.

You can cut classic framed doors in differing styles using these tool sets. The double-edged carbide tools achieve a clean, even routing pattern.

**HW**  
s = 8 **Profile/groove cutter HW with ball bearing guide, shank 8 mm**




D	NL	B	R	Order no.
46	20	4	22	<b>490645</b>



**HW**  
s = 12 **Plane cutter HW with ball bearing guide, shank 12 mm**



D	NL	GL	R	Order no.
 67	12	68	19	<b>490127</b>

 n max. 22,000



Facing cutter with ball bearing: for cutting classic curved panelling.

# Routing

## Cutters

### Raised panel cutter

**HW**  
s = 8

**Facing cutter HW, shank 8 mm**



D	NL	GL	R	Order no.
42,7	13	50	6	<b>491138</b>

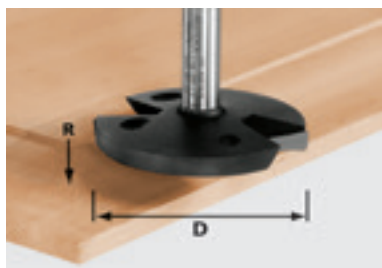
#### Facing and counterprofiling all in one.

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




**HW**  
s = 12

**Facing cutter HW, shank 12 mm**



D	NL	GL	R	Order no.
 68	14	58	35	<b>492712</b>

 n max. 22,000

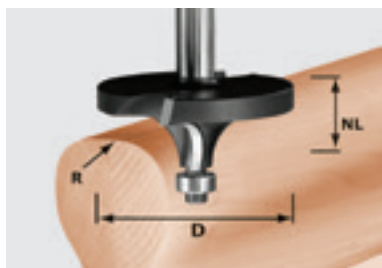


Facing cutter without ball bearing: for deeper tapers.

## Hand rail cutter, aluminium cutter

**HW**  
s = 12

**HW hand rail cutter**, shank 12 mm



D	NL	R	Order no.
64	26	16	492710



### Accessories for HW hand rail cutter

<b>Ball bearing guide D12,7 (2x)</b> qty. in pack 2 piece(s), diameter 12,7 mm	491383
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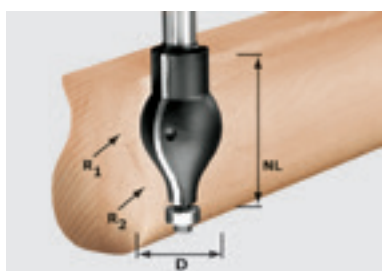
n max. 22,000

### Bench-mounted router TF 2200.

The CMS with OF 2200 router is ideal for cutting workpieces with larger diameters and always provides a secure support surface during routing.

**HW**  
s = 12

**HW (carbide) hand rail cutter, profiled**, shank 12 mm



D	NL	R1	R2	Order no.
32	57	20	16	492711



### Accessories for HW hand rail cutter

<b>Ball bearing guide D12,7 (2x)</b> qty. in pack 2 piece(s), diameter 12,7 mm	491383
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n max. 22,000



06

**HS**  
s = 8

**Aluminium cutter HS**, shank 8 mm



D	NL	GL	Order no.
5	23	65	491036

### The aluminium specialist.

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

# Routing

## Cutters

### Cutter tools for OFK 700 and MFK 700

#### HW s=8 Edge trimming cutter HW, Shank 8 mm

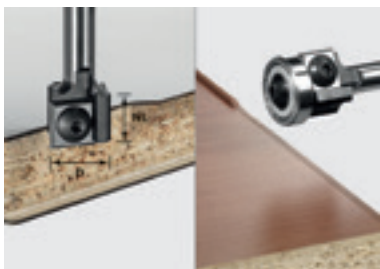


D	NL	GL	Order no.
19	15	46	491666



You can find a comprehensive selection of slot cutters specially designed for cutting slots for edging on page 294. The cutter spindle is required for this application.

#### HW s=8 Reversible blade edge trimming cutters HW (carbide), Shank 8 mm



D	NL	GL	alpha	Order no.
19	12	52	0	499806

#### Accessories for turning plate edge trimming cutter

Reversible blade HW-WP 12x12x1,5 (4x)	491391
Ball bearing guide D19 (2x) diameter 19 mm	491385

#### Can be used with or without ball bearing.

The recently developed ball bearing attachment system allows you to use trimming cutters with or without a ball bearing guide. Any tool with a ball bearing or external guide system (on the OFK 700, for example) is compatible.

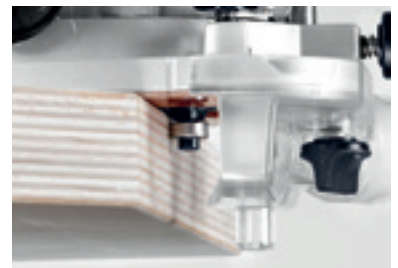
#### HW s=8 Reversible blade chamfer cutters HW (carbide), Shank 8 mm



D	NL	GL	alpha	Order no.
27	8	55	45	499807

#### Accessories for reversible blade chamfer cutters HW

Ball bearing guide D12,7 (2x) diameter 12,7 mm, qty. in pack 2 piece(s)	491383
Reversible blade HW-WP 12x12x1,5 (4x)	491391



#### HW s=8 Chamfer cutter HW, Shank 8 mm



D	NL	GL	alpha	Order no.
18	11	50	15	499801
25	11	50	30	499800
26	7	48	45	499799

#### Accessories for chamfer cutter HW

Ball bearing guide D12,7 (2x) qty. in pack 2 piece(s), diameter 12,7 mm	491383
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## Cutter tools for OFK 700 and MFK 700

**HW**  
s=8

### Roundover cutters HW (carbide), Shank 8 mm



D	NL	GL	R	qty. in pack	Order no.
20	2,2	47	2	1	499798
22	3,2	48	3	1	499797

#### Accessories for HW classic ogee cutter

<b>Ball bearing guide D12,7 (2x)</b> diameter 12,7 mm, qty. in pack 2 piece(s)	491383
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Router table 0° for straight routing.  
Order no. 491427.

**HW**  
s=8

### Carbide reversible blade roundover cutter HW



D	NL	R	GL	Order no.
28	3	1	55	499811
28	3	1,5	55	499810
28	3	2	55	499809
28	3	3	55	499808

#### Accessories for carbide reversible blade roundover cutters HW

<b>Replacement insert HW-WP R3 D28 KL12,70FK</b> for Wepla roundover cutter 499808, qty. in pack: 2, reversible blades with 4 service lives, R 3 mm	500369
<b>Replacement insert HW-WP R2 D28 KL12,70FK</b> for Wepla roundover cutter 499809, qty. in pack: 2, reversible blades with 4 service lives, R 2 mm	500370
<b>Replacement insert HW-WP R1,5 D28 KL12,70FK</b> for Wepla roundover cutter 499810, qty. in pack: 2, reversible blades with 4 service lives, R 1,5 mm	500371
<b>Replacement insert HW-WP R1 D28 KL12,70FK</b> for Wepla roundover cutter 499811, qty. in pack: 2, reversible blades with 4 service lives, R 1 mm	500372
<b>Ball bearing guide D12,7 (2x)</b> qty. in pack 2 piece(s), diameter 12,7 mm	491383

Ideal for routing edging: The MFK 700 Basic edge router with spring-loaded ball bearing guide brake and chip deflector, designed specially for machining the most delicate of edging without leaving behind marks.



**HW**  
s=8

### Plane cutter HW (carbide) for modular laminate trimmer MFK 700 EQ/B-Plus, Shank 8 mm



D	NL	alpha	GL	Order no.
28	7	15	40	500368

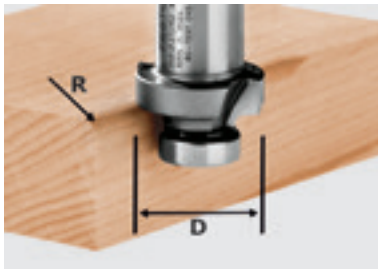


# Routing

## Cutters

### Cutter tools for OFK 500 and putty router KF 5

**HW OFK 500** **roundover cutter**, without ball bearing guide



D	R	Order no.
27	2	490092
27	3	490093
27	4	490094
27	5	490095
27	6	490096

#### Accessories for cutter bits OFK 500

<b>Ball bearing guide KLS-D 15,8-OFK</b> for cutter 490090, 490091, 490092, 490093, 490094, 490095, 490096, 491533, with clamping screw	<b>490249</b>
--	---------------



Rounding plastic or solid wood veneer.

**HW OFK 500** **Chamfer cutter**, without ball bearing guide



D	alpha	Order no.
27	60	491533
27	45	490090
27	30	490091

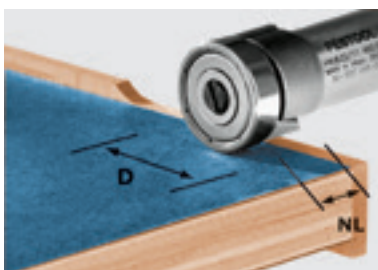
#### Accessories for cutter bits OFK 500

<b>Ball bearing guide KLS-D 15,8-OFK</b> for cutter 490090, 490091, 490092, 490093, 490094, 490095, 490096, 491533, with clamping screw	<b>490249</b>
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Chamfering plastic or solid wood veneer.

**HW OFK 500** **Edge trimming cutter**, with ball bearing guide



D	NL	Order no.
22	8	490565
22	8	490085 *

#### Accessories for cutter bits OFK 500

<b>Ball bearing guide KLS-D22-OFK</b> for cutter 490085, with clamping screw	<b>490250</b>
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Flush trimming of plastic or solid wood veneer.

\* Edge-trimming cutter, without ball bearing guide

## Cutters for putty routers

**HW**  
s = 8

### Rebate clearing cutter HW, shank 8 mm

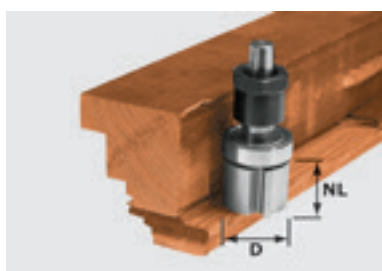


D	NL	GL	Order no.
33	15	68	<b>483249</b>

#### For windows after removal of glazing.

This carbide cutter is ideal for routing windows after the glazing is removed. Available with ball bearing for flush trimming or rebating to different depths.

### Rebate clearing cutter HW, with fixed ball bearing at top



D	NL	GL	Order no.
30	21	68	<b>482057</b>

#### Accessories for putty routing

<b>Bearing guide KF-05 8/17</b> Rebate width 8 mm, Ball bearing guide Ø 17 mm	<b>480175</b>
<b>Bearing guide KF-03 9/15</b> Rebate width 9 mm, Ball bearing guide Ø 15 mm	<b>480173</b>
<b>Bearing guide KF-04 10/13</b> Rebate width 10 mm, Ball bearing guide Ø 13 mm	<b>480174</b>
<b>Bearing guide KF-07 11/11</b> Rebate width 11 mm, Ball bearing guide Ø 11 mm	<b>480177</b>
<b>Bearing guide KF-06 12/9</b> Rebate width 12 mm, Ball bearing guide Ø 9 mm	<b>480176</b>
<b>Rebating cutter KF-S3</b> replacement cutter for 482057	<b>434690</b>

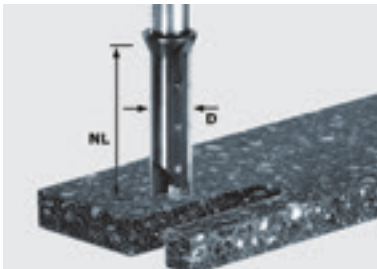


# Routing

## Cutters

### Specialised cutters for solid surface and mineral materials

#### HW s=12 Reversible blade groove cutter HW, Shank 12 mm



D	NL	GL	Order no.
14	45	105	491110 *

#### Accessories for turning plate groove cutter

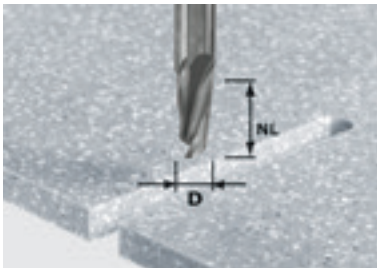
Reversible blade HM-WP 50x5,5x1,1 (4x)	491389
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**Extremely resistance to breaking and very efficient.**

Solid carbide spiral groove cutters are manufactured from cylindrical rods of carbide specially developed for machining mineral materials and particularly resistant to breaking.

\* also suitable for use with OF 2200 and worktop template APS 900

#### HW s=12 Spiral groove cutter, TC, Shank 12 mm

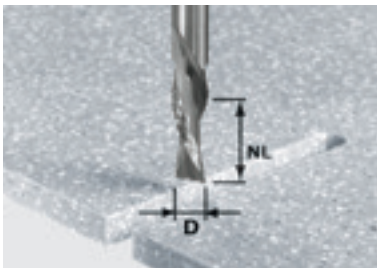


D	NL	GL	Order no.
12	27	70	492654

12	42	87	492655
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#### HW s=12 Spiral groove cutter with roughing and finishing, TC, Shank 12 mm



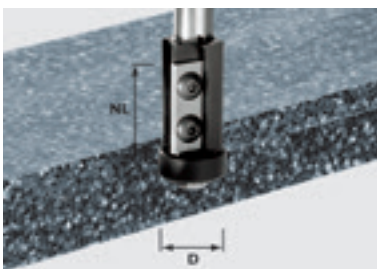
D	NL	GL	Order no.
12	42	87	492656

**For fast working progress.**

Solid carbide cutters specially designed for routing cut-outs for basins, for example.



#### HW s=12 Turning plate edge trimming cutter HW with ball bearing guide, Shank 12 mm



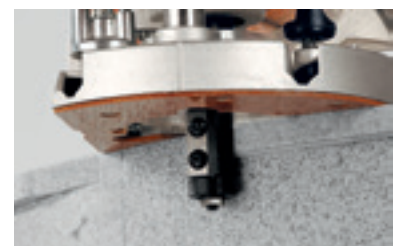
D	NL	GL	Order no.
21	30	89	491120

#### Accessories for turning plate edge trimming cutter

Reversible blade HW-WP 30x12x1,5 (4x) for 492716, 492717, 491081, 491120 cutters, main plate	491393
Ball bearing guide D21-15,88 (2x) diameter 21 mm	491408

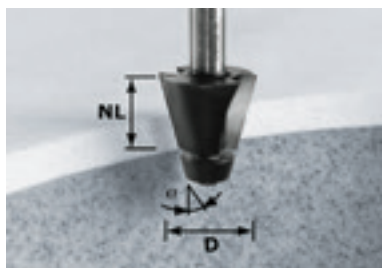
**Precise and durable.**

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 reversible blades pay dividends within a very short time.



## Specialised cutters for solid surface and mineral materials

### HW s = 12 Chamfer cutter HW with ball bearing guide, Shank 12 mm

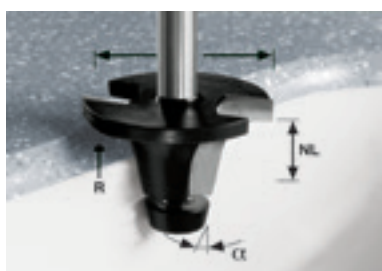


D	NL	alpha	Order no.
33,54	25	15	492665

#### Accessories for chamfer cutter with ball bearing guide

<b>Ball bearing guide D18,5/15°</b> diameter 18,5 mm	493057
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### HW s = 12 Reservoir cutter HW with ball bearing guide, Shank 12 mm



D	NL	R	alpha	Order no.
45	25	6,35	6	492671

#### Accessories for basin cutter with ball bearing guide

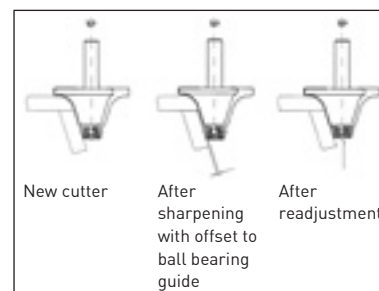
<b>Ball bearing guide D21,1/6°</b> for rouer 6°, diameter 21,1 mm	493061
<b>Ball bearing guide D12,7</b> diameter 12,7 mm, alpha 6°	491398

#### Simply ingenious.

If the cutting blade is not aligned with the ball bearing guide exactly after sharpening, the join 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.



Adjustable axial ball bearing guide on the basin cutter

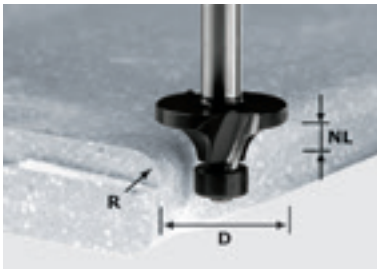


# Routing

## Cutters

### Specialised cutters for solid surface and mineral materials

#### **HW** s = 12 **Ogee cutter HW with ball bearing guide, Shank 12 mm**



D	NL	R	Order no.
22	10	3	<b>492681</b>

#### Accessories for HW classic ogee cutter

<b>Ball bearing guide D16</b> diameter 16 mm	<b>493062</b>
<b>Ball bearing guide D12,7 (2x)</b> diameter 12,7 mm, qty. in pack 2 piece(s)	<b>491383</b>
<b>Ball bearing guide D 9,53 (2x)</b> diameter 9,53 mm, qty. in pack 2 piece(s)	<b>491382</b>

#### A full range.

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



#### Accessories for HW classic ogee cutter, undercut



diameter	Order no.
28	<b>493063</b>

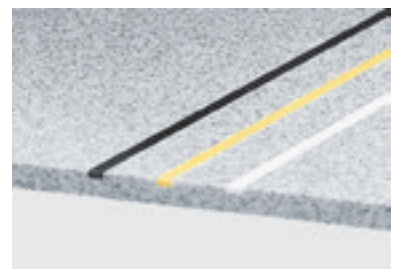
#### **HW** s = 12 **Carbide-tipped facing cutter, Shank 12 mm**



D	NL	R	Order no.
52	7,3	1,5	<b>492701</b>

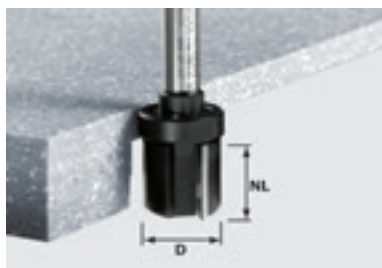
#### To suit any task.

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



## Specialised cutters for solid surface and mineral materials

### HW s = 12 Edge trimming cutter with ball bearing, top, Shank 12 mm

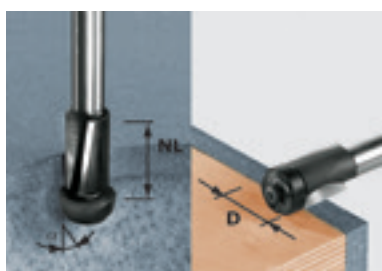


D	NL	Order no.
28	25	492705

#### Accessories for edge trimming cutter with roller bearing at the top

<b>Ball bearing guide D28</b> diameter 28 mm	493063
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### HW s = 12 Edge trimming cutter with ball bearing, bottom, Shank 12 mm



D	NL	Order no.
19	25	492661

#### Accessories for edge trimming cutter with ball bearing, bottom

<b>Ball bearing guide D19</b> diameter 19 mm	493055
<b>Ball bearing guide D22/11°</b> diameter 22 mm	493056

Both replacement ball bearing guides included in delivery

#### 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 delivery.

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