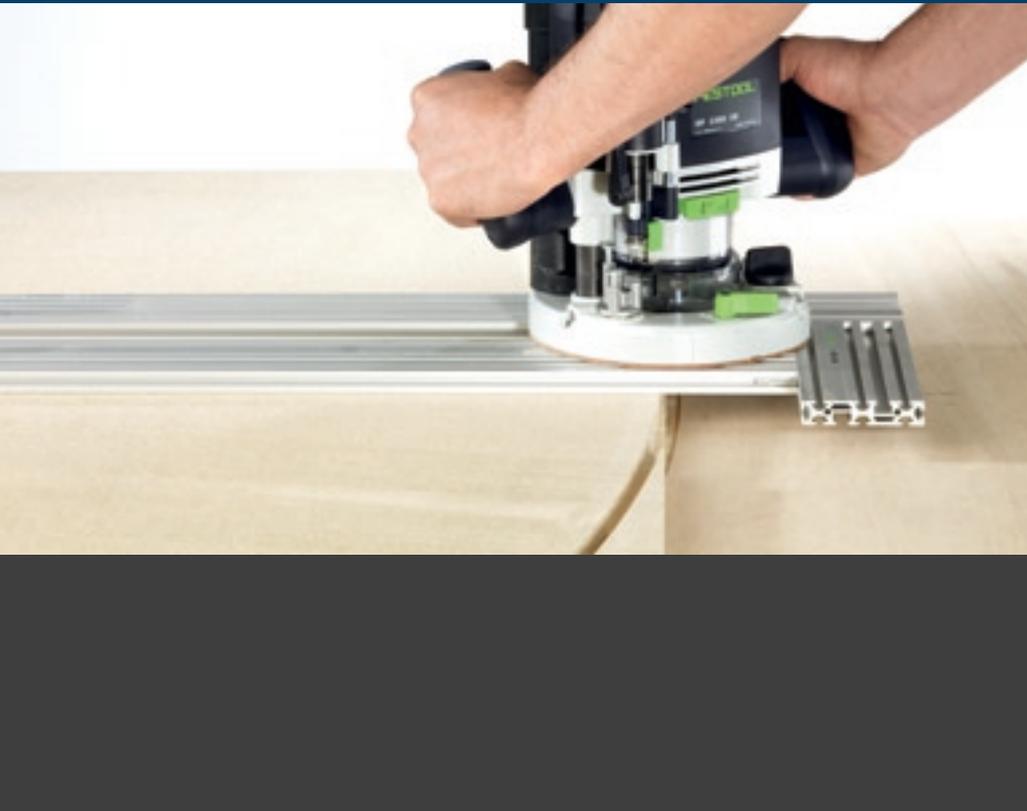
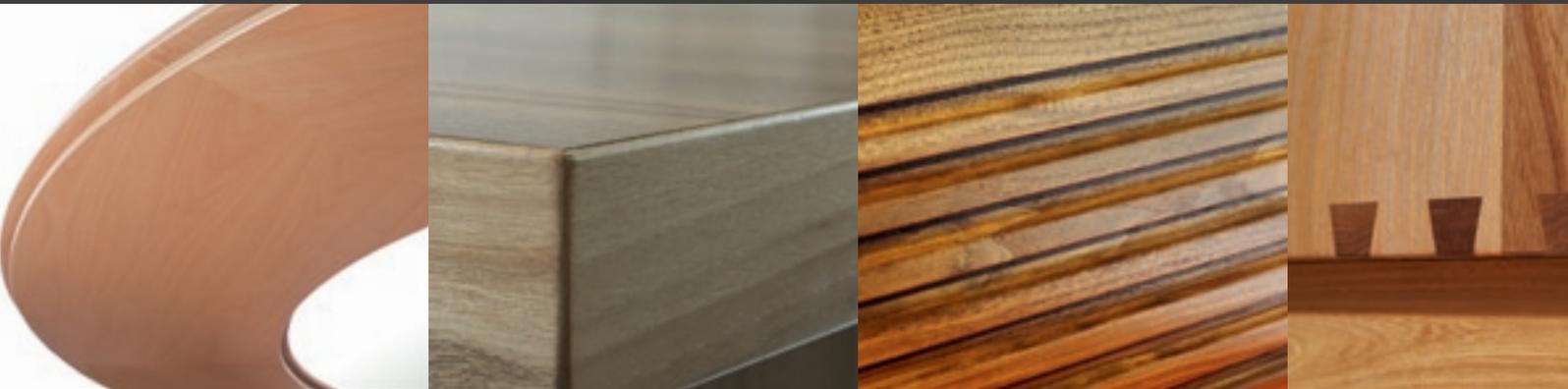


Over Edges, Curves and Surfaces.  
The Festool Router Systems.

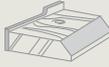


**FESTOOL**



## Because routers must fulfil many different requirements.

The next few pages deal with edges, shapes, surfaces and wood joinery. When making high quality furniture, absolute precision is paramount – without any compromises. For this reason, Festool offers not only a comprehensive router and trimmer program but also the right accessories. From routers to multi-functional routing templates. These unique routing systems will make your work easier. Day after day. Be inspired!

Routing shapes		4
Routing edges		12
Routing surfaces		22
Perfect joining		28
Overview of router systems		34

Exciting curves.  
How to shape work pieces perfectly.





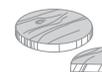
## FESTOOL

Beautiful shapes are demanding and are time consuming to make. And it all starts with the construction of the proper template. Make it easy for yourself - use the routing template from Festool. This template lets you cut precise radii and edges in a flash - in almost every size and shape.

## Quickly make small radius cuts



Small radius cuts for bistro tables, loud speaker enclosures, glazed panels, and sinks can be made precisely and easily by using the MFS routing template.



#### The Festool solution

A template is necessary for producing radius cuts with a router. Making a new template for every job is costly and time-consuming, so why not try the variable MFS routing template. By using the MFS routing template, you can get started very quickly by simply setting up the routing template on the radius and drilling a centring hole on the underside of the panel. The routing template with the centring pin need only be inserted in the hole and the router put into the copying ring holder - and you're ready to cut absolutely precise radii.



#### Perfect arcs with the routing template

Whether you want an inner or outer radius - the arc is ready in minutes. Because the Festool router copying ring matches the holder precisely - and the router can be smoothly and easily positioned within the routing template - the radius is correct the very first time. The router can be rotated at any time, making work significantly easier. And because the routing template can be easily extended, even radii of up to 4 m can be produced.



#### Festool means **versatility**.

Accessories from Festool are a perfect complement to the router and make it extremely versatile. Just the routing template alone is perfectly suited to a large number of routing tasks, such as making large and small radius cuts, or for rectangular and round cut-outs.

# FESTOOL



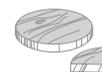
The panel for the bistro table was made using the OF 1400 router with a 30 mm copying ring, an MFS 700 routing template and a D 16/45 mm straight cutter.

A product overview and order numbers are given starting on p. 34

## Large radius cuts with millimetre precision



Whether on formal dining tables or elegantly curved reception desks, large radius cuts can be made perfectly using the MFS routing template.



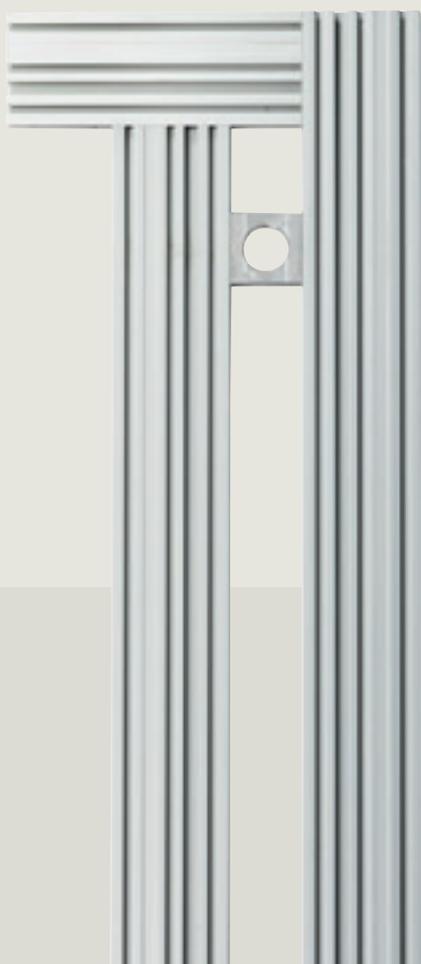
#### The Festool solution

You can also save yourself a lot of time-consuming effort in making templates for large radius cuts whose centre points extend beyond the workpiece - just use the extension profile for the MFS routing template. The centring pin is attached to a suitable base outside the panel to be cut and the router, with a suitable bit, is positioned in the copy ring holder. The result is accurate to the millimetre, even for very large radius cuts.



#### Cutting large arc segments

The extrusions of the routing template extensions are light and rigid. No wobbling, no warping, nothing moves around - the radius remains precisely the way it was set. Even if radii of several meters are to be made, and several profiles with joining pieces are linked together.



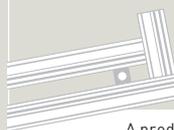
#### Festool means **precision.**

Precise results that are easier and faster - that is why Festool develops the perfect accessories.

That is why there is no slop with Festool routing templates and, even after repeated use, settings are reliably maintained.

## FESTOOL

An OF 2200 router with a 30 mm copying ring was used for the table top, extended with the MFS 700 routing template, two 2 m extension profiles and a 12 D 16/45 mm straight cutter.

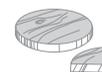


A product overview and order numbers are given starting on p. 34

## Make cut-outs without tipping



When cutting-out openings for cooktops, sinks, ventilation gratings or glazed panels, the MFS routing template with tilt protection guarantees reliable results.



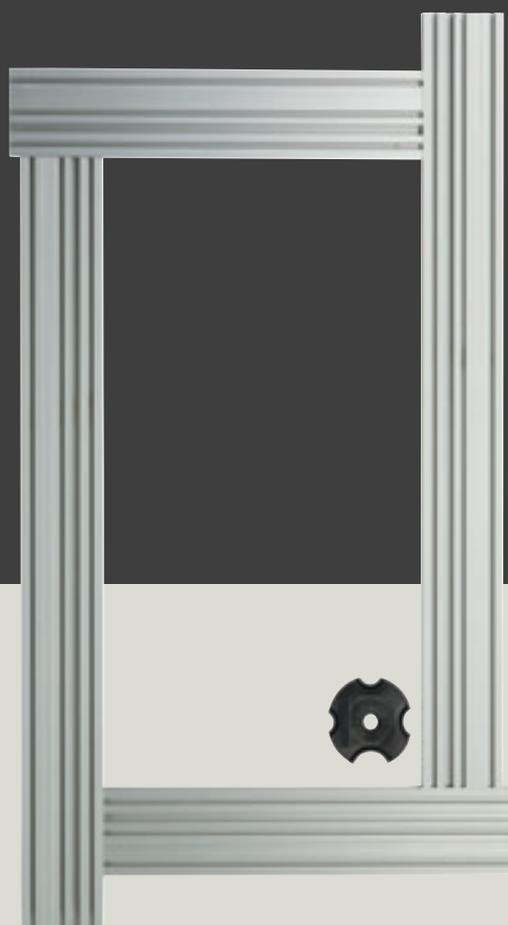
#### The Festool solution

Cut-outs must be precise, especially when trenching in stages through thick panels. The routing template provides the precision - it can be set to the proper dimensions, fastened down and then you can rout through the material in one or more exactly identical stages. The shapes will match perfectly.



#### Tilt protection for large cut-outs

Secure placement of the router on straight paths and over edges - tilt protection ensures that the router will not tip when making large cut-outs. With the copying ring inserted in the tilt protection mechanism, it moves along in any direction. This guarantees precise results even for large cut-outs.



#### Festool stands for **reliability.**

Results often depend upon small but critical details. Details that Festool always keeps in mind when developing new tools and accessories. That's why we also have tilt protection - for secure placement and precise results.

# FESTOOL



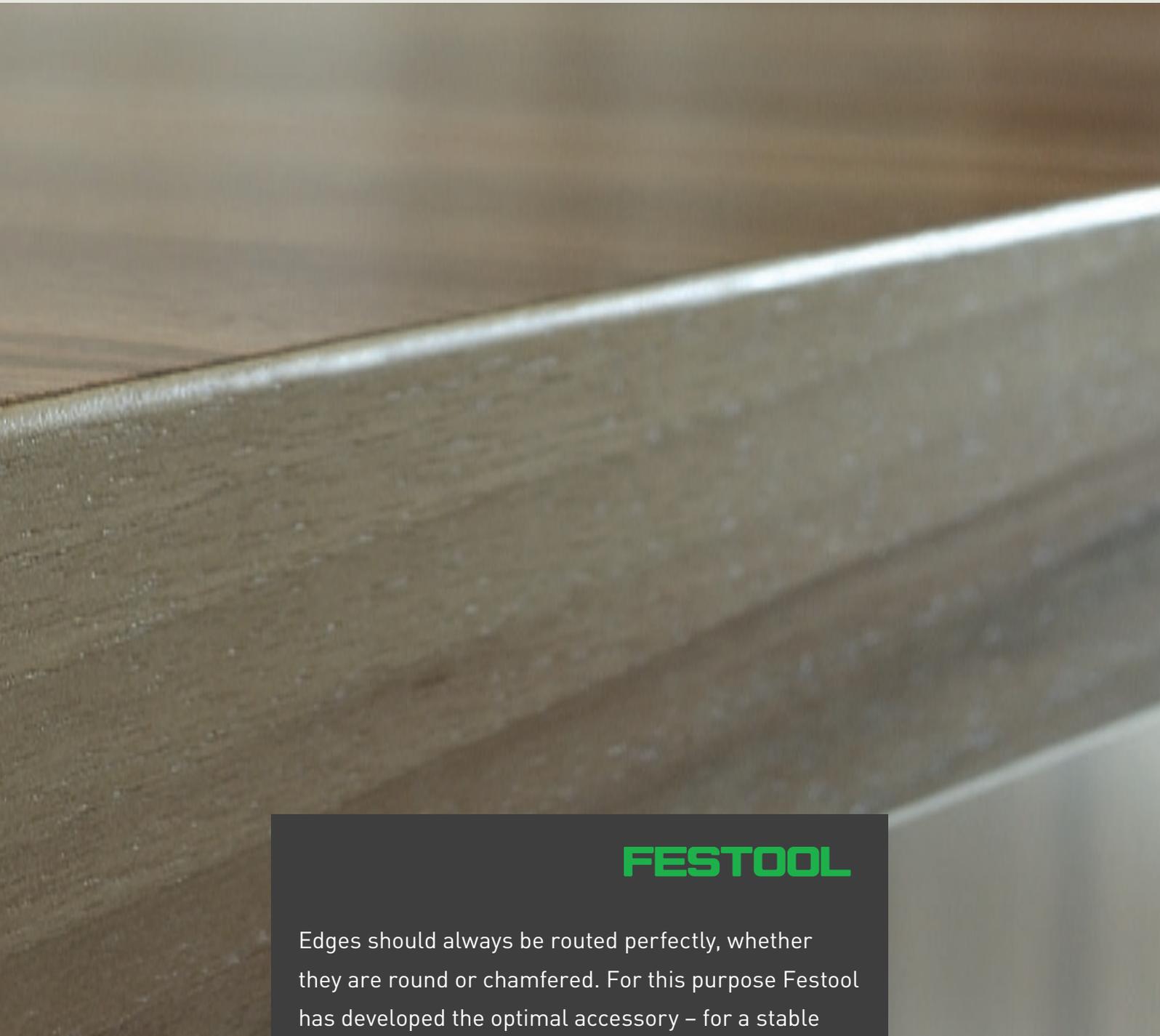
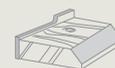
The cut-out for the stovetop was produced using an OF 2200 router, the MFS 700 routing template plus tilt protection and a 12 D 12/27 mm spiral cutter.

A product overview and order numbers are given starting on p. 34

Perfect edges and corners.

A perfectly stable base is critical if a good result is to be produced.





## FESTOOL

Edges should always be routed perfectly, whether they are round or chamfered. For this purpose Festool has developed the optimal accessory – for a stable base and sure guidance of the tool. Your work is much easier - uniform, clean and splinter-free.

## Routing edges without tipping



Route one edge after another, without flying chips and without tipping. This is done without any problems because of the chip deflector and the wide router base.



**The Festool solution**

When routing edges, the balance of the router using a normal base is not ideal. It can tilt at any time and ruin the edge. Using the wide base from Festool, the support area is increased and the secure guidance of the router guaranteed. In seconds and without tools, you can replace the standard base with the wide base.



**Precise edges without tipping**

The advantages of the wide base become particularly clear when routing corners - the easily guided and perfectly balanced router always remains secure and the corners are quickly routed. The wide base ensures precise results, while the chips are extracted with the matching chip collector.



**Festool guarantees ergonomics.**

Festool power tools were developed for professionals. That is why they are also designed for faster, less tiring work. With their optimal weight distribution and ergonomic design, they also fit perfectly in your hand.

**FESTOOL**



For trimming, the following were used: an OF 2200 router, a wide base, a chip collector and two bits; a 12 D 66,6/28 mm chamfer cutter and a 12 D 39,5/23,5 mm rounding chamfer cutter.

A product overview and order numbers are given starting on p. 34

## Trimming edges without errors



Routing marks on veneers cost time and money. For this reason, delicate materials require particular care - or the use of a 1.5° base and the OFK 700 trimmer.



#### Trimming using the 1.5° router table

For trimming edges on veneered surfaces and edge banding, a trimmer with a 1.5° router base is the ideal choice. Here, the base is tilted by 1.5°, so the router is correspondingly tilted 1.5° at the edge. This creates a technical advantage that's not visible to the eye, yet prevents damage to the adjoining surface.

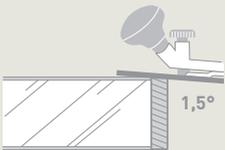
The 1.5° base is standard equipment with the Festool OFK 700 trimmer.



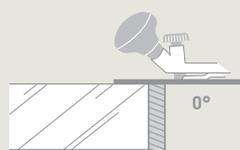
#### Flush trimming with the 0° router table

For work pieces that are veneered or coated, the edge banding must be cut flush with the surface. For this purpose, the trimmer can be changed to a 0° base without using tools. Now the trimmer is stable and perfectly perpendicular to the material.

With either base, the chips are extracted from above via an extractor hood.



1.5° router table for veneered surfaces



0° router table for flush trimming

### Festool means **innovation.**

Special jobs require innovative solutions. From these solutions, Festool creates trend setting developments that make work faster, more precise and easier – such as the 1.5° router base for the Festool trimmer.

# FESTOOL



The dresser was made using the OFK 700 trimmer with a 1.5° router table and a D 19 mm round-over cutter.

A product overview and order numbers are given starting on p. 34

## Solid wood edging with large radii



Solid wood edging up to 28 mm wide can be quickly and reliably trimmed using a combination of a router and accessories for solid edging.



**The Festool solution**

With Festool's innovative routing accessories, solid edging up to 28 mm thick can be trimmed with the handy OF 1010 router. By using the fine settings, precision in 1/10 mm increments is possible. Preparing edging is accomplished quickly and accurately, which is especially important for custom work.



**Reliable edge work**

The time saving accessory for routing solid wood edging is the compact, versatile edging set. The large surface of the edging base and the base of the router provide stability and speed when routing. And the Resitex coating prevents scratching of the material.



Festool means **speed**.

Festool accessories make work easier and, above all, faster. The edging set and router eliminate the need for additional tools.

**FESTOOL**



For this dining table, an OF 1010 router, the Festool edging set and an 8 D 18/30 mm straight cutter were used.

A product overview and order numbers are given starting on p. 34

## Routing door seals



With practical routing accessories, locks, trenches for weatherstripping, flush bolts and lock boxes can be made quickly and easily.



**The Festool solution**

Preparing solid wood doors for weatherstrip inlays is generally a job done in the workshop on a spindle molder. With Festool routers and accessories, this type of work can be performed on site with identical results. Add in integrated dust extraction and the site remains free of dust while the work is being performed.



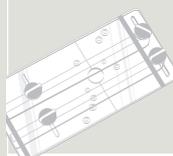
**Router accessories for narrow edges**

This acrylic edge routing accessory can be quickly adjusted to provide stable, precise and dust-free preparation of narrow workpieces - it's ideal for doors. Because of the clear view of the work piece, the router can be checked to ensure that it is always properly positioned on the edge. Simply secure the workpiece, connect the dust extractor and you're ready to go.



**Festool is investing in your health.**

A clean workplace provides a clear view of the work as well as clean air. By using the efficient dust extraction systems from Festool, the work environment remains free from harmful dust and you get a clear view of the routing site. Plus, your customer is happy that the worksite is clean when you're finished.

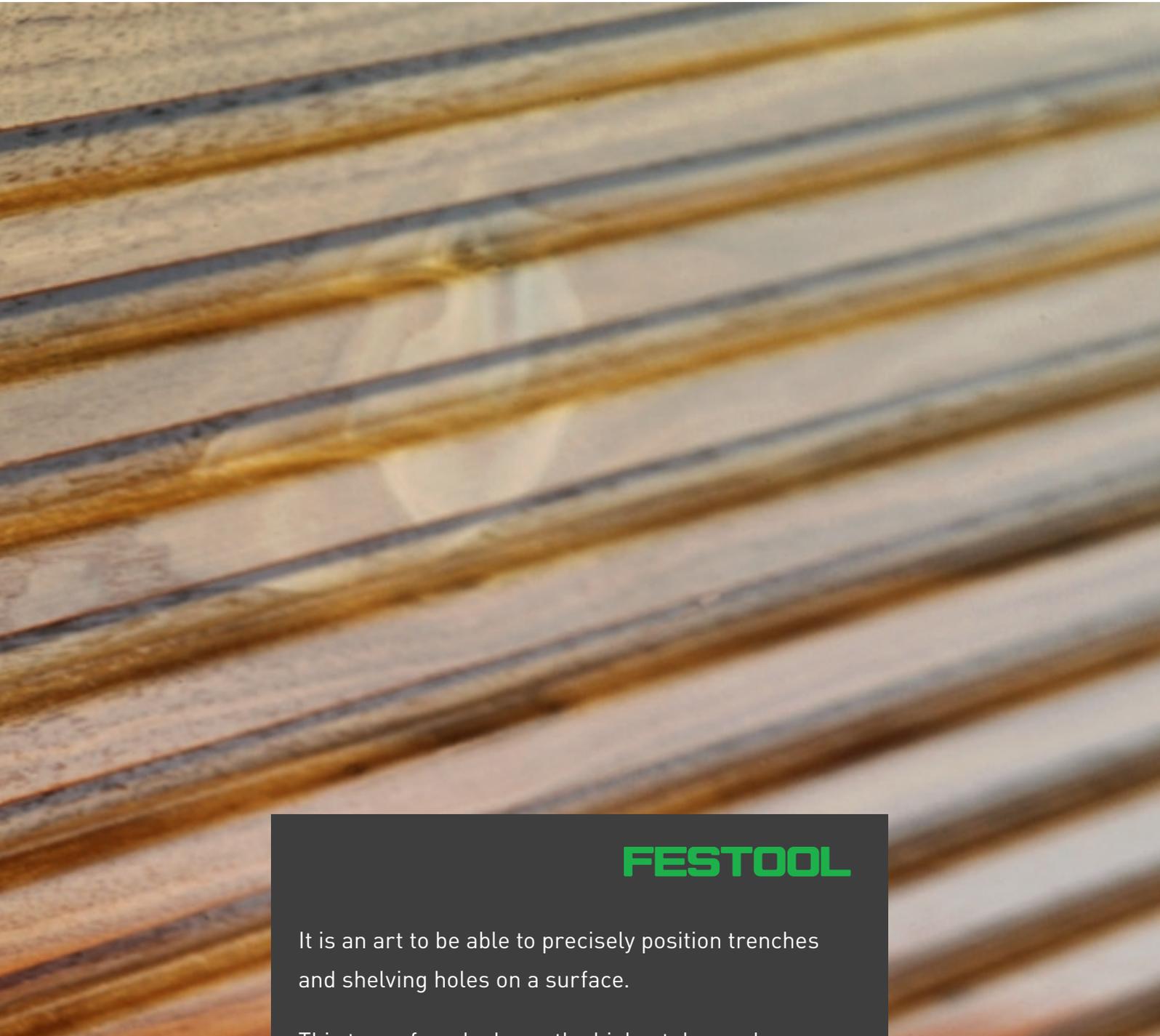


For cutting the trenches in these doors, an OF 2200, the router accessory and a specialty cutter from Festool for the acoustic and fire door seals were used.

A product overview and order numbers are given starting on p. 34

Trenches and hole alignment.  
Always in the right location.





**FESTOOL**

It is an art to be able to precisely position trenches and shelving holes on a surface.

This type of work places the highest demands on a craftsman's precision and woodworking skills. It is much easier just to use the right accessories. Festool makes the work easier. And the results are perfect.

## Cutting stair stringers that fit perfectly



Many levels, a single slope - stair stringers can be made quickly and precisely by using a router and the MFS routing template.

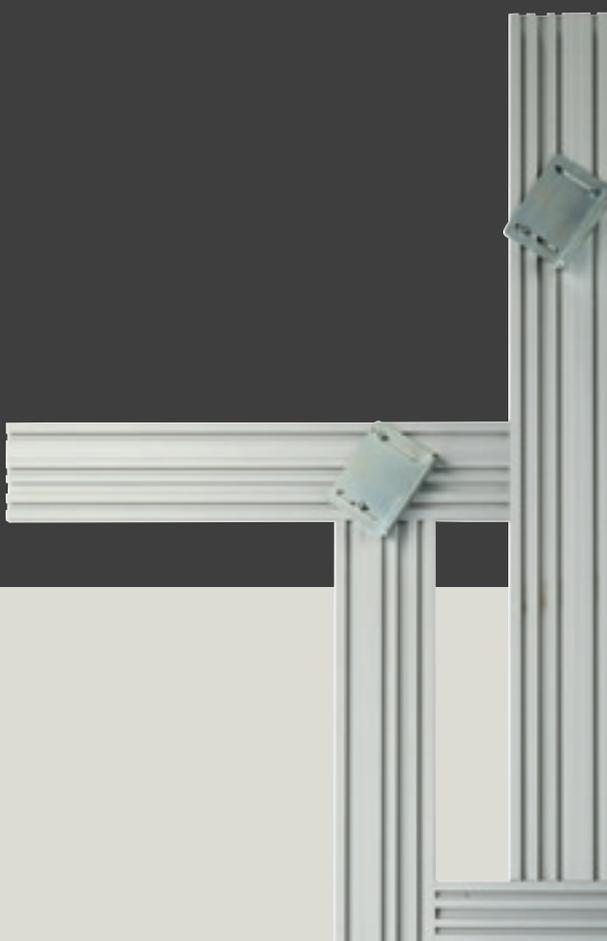


### The Festool solution

When cutting stair stringers, the slope and tread dimensions usually have to be re-measured and laid out again and again. Using the Festool routing template, you simply set up the trench angle and tread dimensions once, then slide it along the stringer to the next tread position. It's far easier and more efficient than traditional layout methods.

### Precise, reliable and repeatable

The effort required to set up the routing template is minimal. By using the ruler on the MFS and securely fixing it on the work piece, the systematic and reliable routing of uniform tread trenches is made easier.



### Festool works in terms of **systems**.

There is a perfect tool for every task. And for every tool, there are the perfect accessories – from the matching router bits to the versatile routing template, from the worktop template and the edging set all the way to perfect chip extraction. Because Festool always thinks in terms of systems.

**FESTOOL**



The following were used for the stair stringers: an OF 2200 router, an MFS 700 routing template, 2 angle stops, 2 one-hand lever clamps and a 12 D 12/27 mm straight cutter.

A product overview and order numbers are given starting on p. 34

Quickly and precisely cut shelving holes and trenches



By having rows of holes, cabinets and shelves can provide customers flexibility. The holes will be very precisely cut by using the guide rail from Festool for producing shelving holes.



#### Precise shelving holes by using the guide rail

Shelving holes must be absolutely parallel, correctly sized and correctly spaced. A special Festool guide rail makes this task simple and fast. This guide rail has a row of holes on a 32 mm grid along which the router is positioned. The clever seesaw method allows you to quickly set the position for the next hole.



#### Precise routing on surfaces: the guide rail

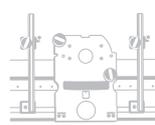
The guide rail is the perfect accessory for cutting trenches in surfaces – with or without shelving holes. By using the guide rail adapter, the router is guided parallel and precisely to the rail. Guide rails that differ in length can be linked to one another, put on the work piece and fixed in place. In this way, trenches can be made exactly parallel or diagonal to an outer edge.



#### Festool increases flexibility.

The Festool FS guide system is made to be flexible. Shelving holes or trenches - cuts can be made precisely as well as duplicated as often as desired. And because of the no-slip and protective foam rubber strips on the bottom of the aluminium guide rail, it is possible to use a router on any surface.

**FESTOOL**

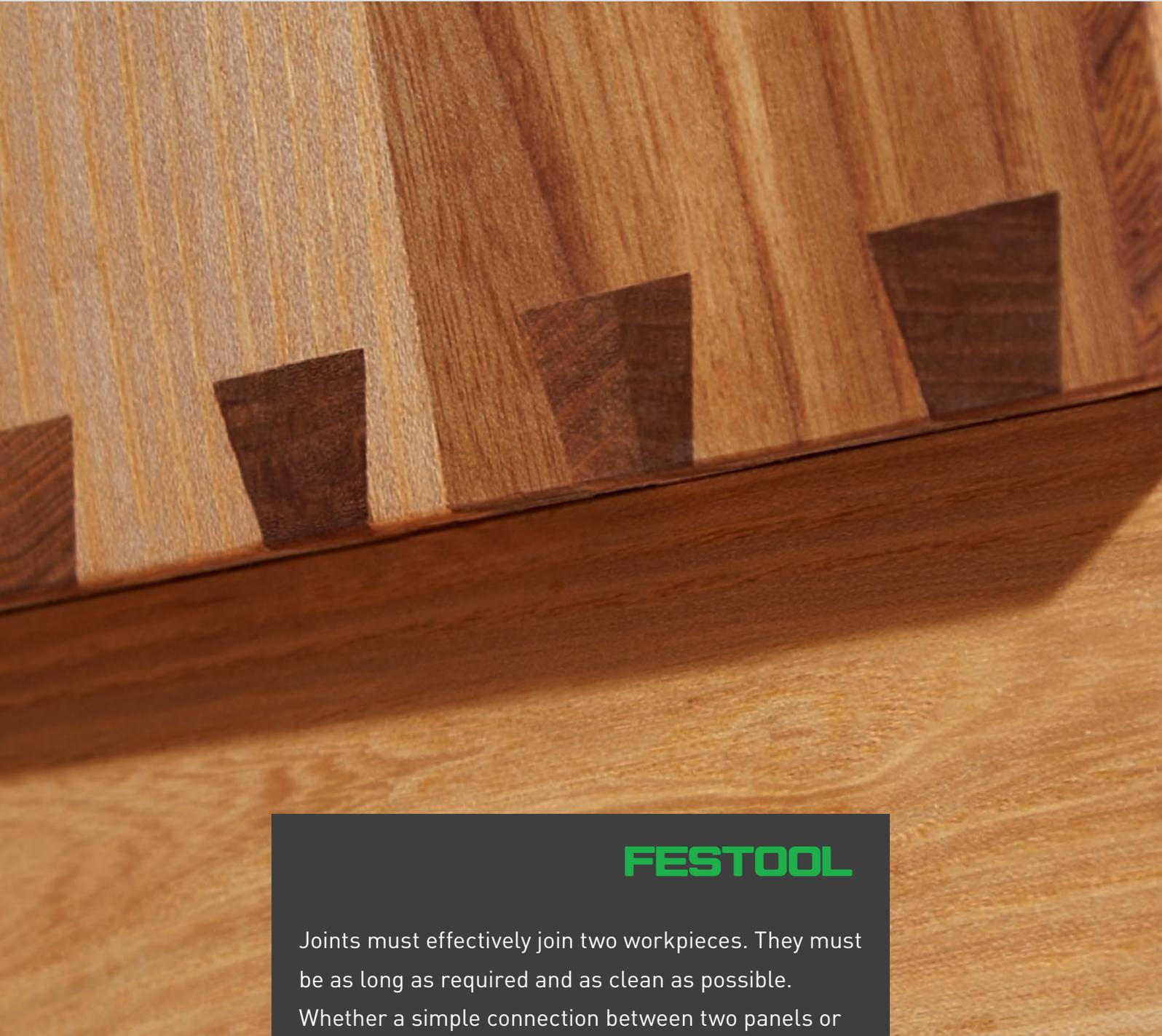


The shelving holes and trench in the back panel were cut using the following tools: an OF 1010 router, the special guide rail and cutter set for making shelving holes, a guide rail adapter, and an 8 D 8/20 mm trench cutter.

A product overview and order numbers are given starting on p. 34

Fitting perfectly forever.  
Linking function with aesthetics.





## FESTOOL

Joints must effectively join two workpieces. They must be as long as required and as clean as possible.

Whether a simple connection between two panels or decorative furniture accents, the most important thing is that the joint holds everything together. Forever if possible.

## Wood joinery



Classic wood joinery in its most beautiful form – produced quickly and easily by using the different accessory templates from Festool.



**The Festool solution**

Cutting dovetails can be painstaking manual work. Or it can be done quickly and easily by using the VS 600 joining system. Because here, the router, template and copying ring are perfectly matched to each other so that precise results can be produced.



**The system for perfect joints.**

With the VS 600 template, dovetail joints or finger joints that fit perfectly can be quickly produced – for working widths of up to 650 mm. The templates can be changed without difficulty. And if several work pieces are to be routed one after the other, then the template can simply be lifted so that the work pieces can be removed. By using the patented swivelling segment, simultaneous doweling of the bottom and sides is possible.

There are 4 different types of templates for 7 different sizes of dove tails:



Partially blind dovetail joints



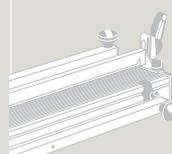
Slot joints



Open dovetail joints



Normal dowel joints



The dovetail pattern was produced using an OF 1010 router and the basic VS 600 unit as well as different templates with suitable edge/dovetail cutters or 8 mm spiral cutter.

Join profiled panels together perfectly

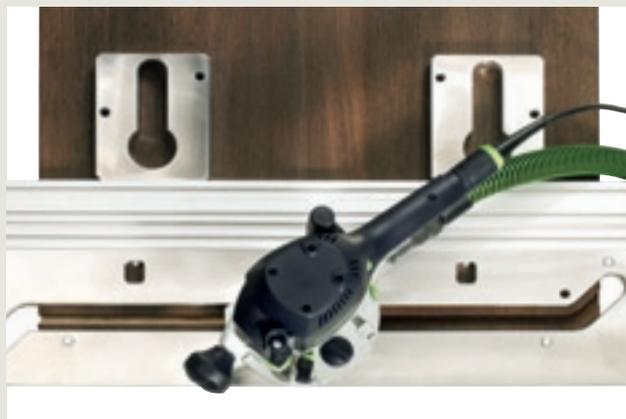


There are highly demanding joining tasks everywhere – in the kitchen, the bathroom and the dining room. The APS routing template lets you complete these tasks perfectly and with little effort.



**The Festool solution**

It is difficult to join rounded off or profiled wood panels at 90° angles. It is easier to use the APS benchtop template because clean edge joints are then guaranteed. The template allows precise results – even for repeated cutting in the same trench. The routing template can be re-positioned on the surface so that benchtops of up to 900 mm wide can be joined.



**Perfect joining.**

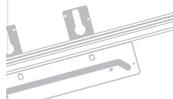
Using the benchtop joining template is simple - an MFS template profile serves as the attachment base. Depending upon the width of the panel, the APS can be moved along the edge to lengthen the cutting distance. The two keyhole templates serve as guides for routing standard fittings on the bottom of the panel.



Festool develops tools for **practical applications.**

All solutions from Festool were developed from practical applications – and tested by professionals in their daily work. This is the way that custom made routers and practical accessories for day to day work came about, such as the benchtop template, which allows rounded off and profiled wood panels to be joined precisely together.

**FESTOOL**



For joining the panels, a Festool OF 1400 router, an APS routing template and a 12 D 14/45 mm straight cutter were used.

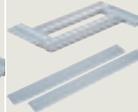
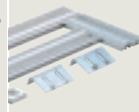
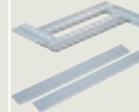
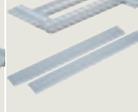
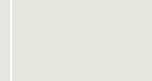
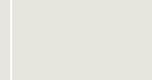
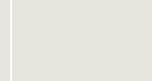
A product overview and order numbers are given starting on p. 34

# Everything for edges, curves and surfaces.

## Tools and accessories at a glance:

Perfect accessories make Festool routers extremely versatile. The accessories that are best suited for a particular task can be seen here at a glance.

You will find the order numbers for the accessories used outside on the flap. For easier orientation, we have assigned numbers to all the accessories.

		Routing shapes						
		Radius cuts Ø 40–600 mm	Radius cuts Ø 40–1,200 mm	Radius cuts greater than 1,200 mm and up to 4,000 mm	Cut-outs up to 300 x 100 mm	Cut-outs up to 600 x 300 mm	Cut-outs greater than 600 x 300 m	Profiling
No.								
1–4	<b>OF 1010 router</b>	27 & Straight cutter	28 & Straight cutter	27 or 28 with 29–33 Straight cutters	27 & Straight cutter	28 & Straight cutter	27 or 28 with 29–33 Straight cutters	24 & Profile, chamfer or ogee cutter
								
5	<b>OF 1400 router</b>	27 & Straight cutter	28 & Straight cutter	27 or 28 with 29–33 Straight cutters	27 & Straight cutter	28 & Straight cutter	27 or 28 with 29–33 Straight cutters	25 & Profile, chamfer or ogee cutter
								
6–7	<b>OF 2200 router</b>	27 & Straight cutter	28 & Straight cutter	27 or 28 with 29–33 Straight cutters	27 & Straight cutter	28 & Straight cutter	27 or 28 with 29–33 Straight cutters	26 & Profile, chamfer or ogee cutter
								
8–9	<b>OFK 500 trimmer</b>							Profile, chamfer, or ogee cutter
								
10	<b>OFK 700 trimmer</b>							Profile, chamfer, or ogee cutter
								
11–12	<b>MFK 700 modular trimmer</b>							Profile, chamfer, or ogee cutter

**Quickly and easily build a desired router set**  
For example: radius cuts Ø 40–1,200 mm



OF 2200 router No. 6

+



Routing template MFS 400 No. 28

+



Straight cutter\*

\* You will find the complete router program in our main catalogue, at your dealer or on our homepage.



**Routing and edge routing**

The items included for routing and edge routing contain the parts necessary for immediate use.

No.	Technical specifications	Comments/Dimensions	Order No.
1	<b>OF 1010 EBQ-Set</b>	with guide rail FS 800/2, in a SYS 3 SYSTAINER	574185
2	<b>OF 1010 EBQ-Plus</b>	in a SYS 3 SYSTAINER	574237
3			
4			
5	<b>OF 1400 EBQ-Plus</b>	In a SYS 4 SYSTAINER	574411
6	<b>OF 2200 EB-Plus</b>	In a SYS 4 SYSTAINER	574274
7	<b>OF 2200 EB-Set</b>	as per 574260 with accessory Systainer SYS 2	574300
8	<b>OFK 500</b>		574253
9			
10	<b>OFK 700-Plus</b>	in a SYS 2 SYSTAINER	574408
11			
12	<b>MFK 700 EQ-Plus</b>	in a SYS 2 SYSTAINER	574418

**Router accessories**

Items included comprise all the accessories necessary for immediate use of the power tool. From the numbering in the tool/accessory overview, you can find out which accessories can be used for particular applications.

No.	Product	Order No.	Suitable for
13	<b>Guide stop</b> for use with the FS guide system FS, with support	488752	OF 1010
14	<b>Guide stop</b>	492601	OF 1400
15	<b>Guide stop</b> plus 2 extra guide bars	494680 495247	OF 2200
16	<b>Guide rails</b> in lengths of 800 mm to 5,000 mm		For all Festool routers
17	<b>Guide rail</b> with row of holes, length 1,080 mm	491621	OF 1010, OF 1400
18	<b>Drill bit set for drilling shelving holes</b> including router bits, in a SYS 1 Systainer	583291	OF 1010, OF 1400
19	<b>Edging plate</b>	486058	OF 1010
20	<b>Angle arm</b>	486052	OF 1010
21	<b>Chip guard</b>	486242	OF 1010
22	<b>Routing accessory</b>	495246	For all Festool routers
23	<b>Systainer OF accessories</b> complete assortment of stops and bases, in a SYS 2 2200 SYSTAINER, metric	495248	OF 2200
24	<b>Base</b> with wide cover OF 1010	493139	OF 1010
25	<b>Base</b> with wide cover OF 1400	493233	OF 1400
26	<b>Base</b> with wide cover OF 2200	494682	OF 2200
27	<b>Routing template MFS 400</b>	492610	OF 1400, OF 2200
28	<b>Routing template MFS 700</b>	492611	OF 1400, OF 2200
	<b>Extension profiles</b> , each 2x with scales		MFS 400/700
29	200 mm	492722	MFS 400/700
30	400 mm	492723	MFS 400/700
31	700 mm	492724	MFS 400/700
32	1,000 mm	492725	MFS 400/700
33	2,000 mm without scale	492726	MFS 400/700
34	<b>Worktop template APS 900</b> for router bit diameters of 14 mm and 30 mm copying ring edge joining template	492727	OF 1400, OF 2200
35	<b>Spiral Straight cutter</b> HW shank 12 mm	491110	OF 1400, OF 2200
36	<b>Straight cutter</b> HW shank 12 mm	491089	OF 1400, OF 2200
37	<b>VS 600 basic unit</b> for templates	488876	OF 1010, OF 1400
38	<b>Open dovetail joint template SZO 14</b> , slot size 14 mm	491152	OF 1010, OF 1400*
39	<b>Edge/dovetail cutter</b> HW shank 8 mm, D 14,3, 10°	491164	OF 1010, OF 1400*
40	<b>Open dovetail template SZO 20</b> , slot size 20 mm	491153	OF 1010, OF 1400*
41	<b>Edge/dovetail cutter</b> HW shank 8 mm, D 20, 10°	491165	OF 1010, OF 1400*
42	<b>Partially blind dovetail joint template SZ 14</b> , slot size 14 mm	488877	OF 1010, OF 1400*
43	<b>Edge/dovetail cutter</b> HS shank 8 mm, D 14,3, 15°	490991	OF 1010, OF 1400*
44	<b>Edge/dovetail cutter</b> HW shank 8 mm, D 14,3, 15°	490992	OF 1010, OF 1400*
45	<b>Partially blind dovetail joint template SZ 20</b> , slot size 20 mm	488878	OF 1010, OF 1400*
46	<b>Edge/dovetail cutter</b> HS shank 8 mm, D 20, 15°	490995	OF 1010, OF 1400*
47	<b>Edge/dovetail cutter</b> HW shank 8 mm, D 20, 15°	490996	OF 1010, OF 1400*
48	<b>Slot joint template FZ 6</b> , slot size 6 mm	488879	OF 1010, OF 1400*
49	<b>Spiral Straight cutter</b> HS shank 8 mm, D 6	490944	OF 1010, OF 1400*
50	<b>Spiral Straight cutter</b> HW shank 8 mm, D 6	490978	OF 1010, OF 1400*
51	<b>Slot joint template FZ 10</b> , slot size 10 mm	488880	OF 1010, OF 1400*
52	<b>Spiral Straight cutter</b> HS shank 8 mm, D 10	490946	OF 1010, OF 1400*
53	<b>Spiral Straight cutter</b> HW shank 8 mm, D 10	490980	OF 1010, OF 1400*
54	<b>Joining system dowel unit</b> in a 32 mm grid	488881	OF 1010, OF 1400*

\*with special copying rings

**Trimmer accessories**

No.	Technical specifications	Order No.	belongs to
55	<b>Router base 1.5°</b>	495165	OFK 700, MFK 700
56	<b>Router base 0°</b>	491427	OFK 700, MFK 700

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