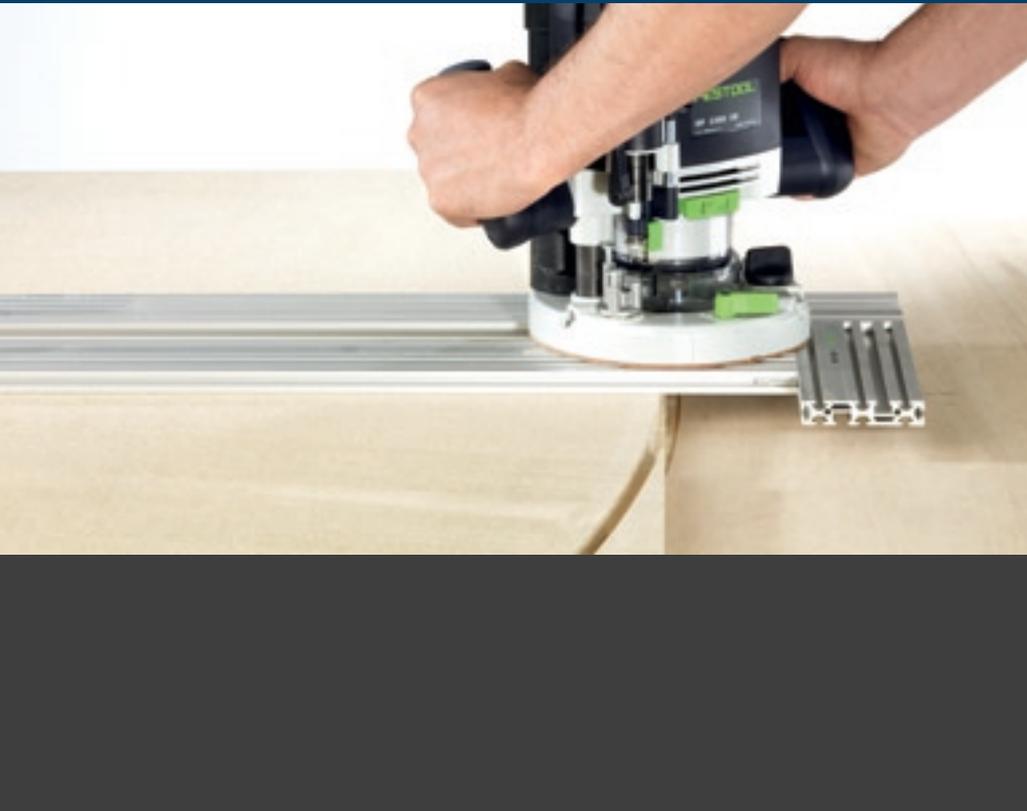
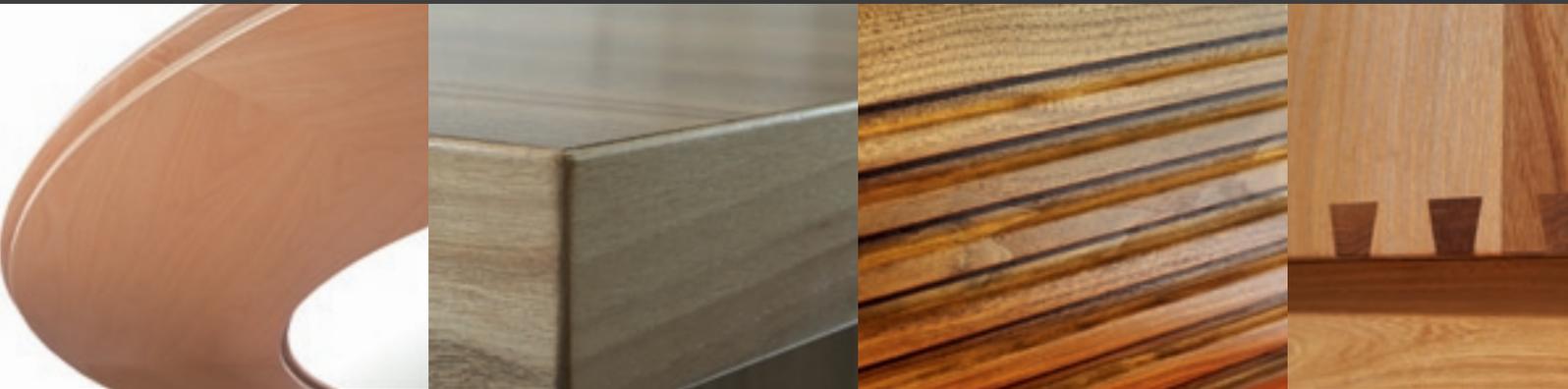


Over Edges, Curves and Surfaces.  
The Festool Router Systems.

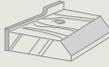


**FESTOOL**  
Tools for the toughest demands



## Because routers must fulfil many different requirements.

The next few pages deal with edges, forms, surfaces and normal wood joinery. Because the toughest demands on making high quality furniture must be fulfilled – without any compromises. For this reason, Festool offers not only a comprehensive router and edge router program but also the right accessories. From routers to multifunctional routing templates. These unique router systems will make your work easier. Day after day. Be inspired!

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

Exciting curves.  
Or how to shape work pieces perfectly.





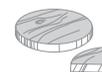
## FESTOOL

Beautiful shapes are demanding and are time consuming to make. And it all starts with the construction of the proper template. It is nice when that can be avoided – by using 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 particularly precisely and easily by using the MFS routing template.



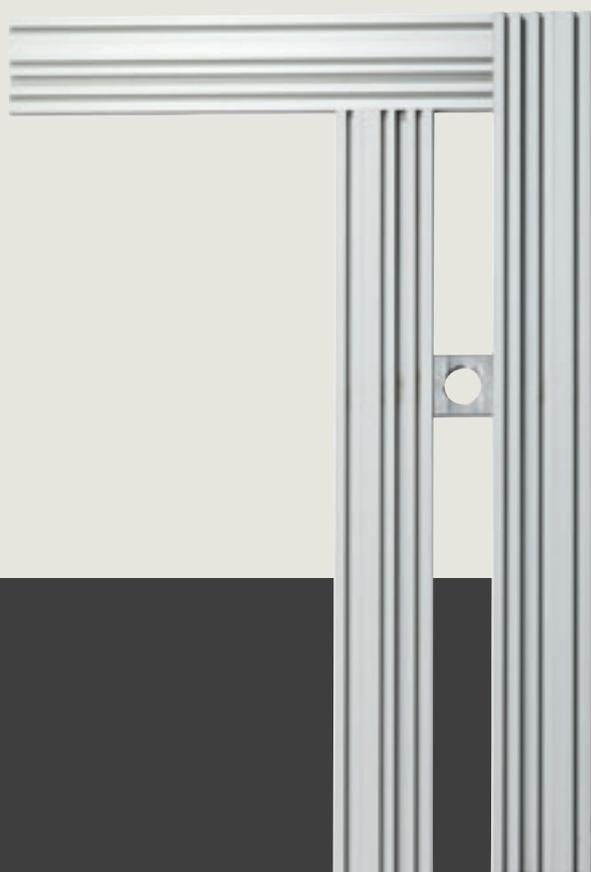
### The Festool solution

A template is necessary for producing radius cuts with a router. Whether made in advance by yourself, which is costly, or in the form of the variable MFS routing template. By using the MFS routing template, you can get started very quickly with the actual work by simply installing the routing template on the radius and drilling a centring hole in 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 precise radii are ready to be made.



### 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



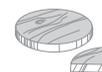
The panel for the bistro table was made using the OF 1400 router with a 30 mm copying ring, an MFS 700 routing template as well as a 12 D 16/45 mm groove cutter shank.

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

## Large radius cuts with millimetre precision



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



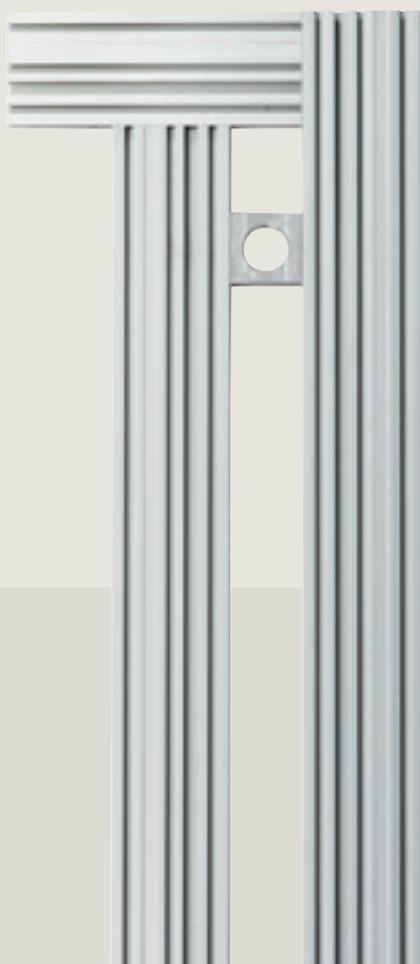
#### The Festool solution

You can also save yourself a lot of time consuming effort in making templates even for large radius cuts whose centre points are outside of the work pieces - 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 put into the positioned copying ring holder. The desired result is accurate to the millimetre, even for very large radius cuts.



#### Cutting large arc segments

The hollow chamber profiles for extending the routing template 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.

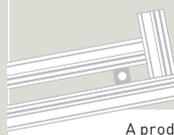


#### Festool means **precision.**

Precise results that are easier and faster – that is why Festool develops the perfect accessories. That is why there is no slipping with Festool routing templates and, even after numerous work steps, settings are reliably maintained – whether angles or clearances.

# 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 groove cutter shank.

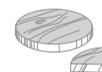


A product overview and order numbers are given starting on p. 34

## Make cut-outs without tipping



For cut-outs for cooktops, sinks and ventilation gratings or for glazed panels, the MFS routing template with tilt protection guarantees reliable results.



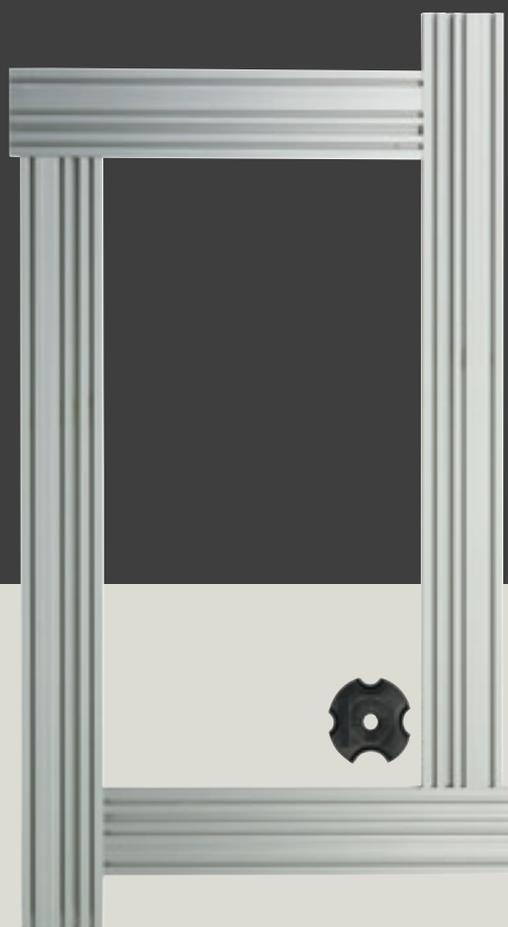
#### The Festool solution

Cut-outs must be precise. Even if grooves are cut in stages, such as for large panel thicknesses. The routing template provides the precision - it can be set to the proper dimensions, fastened down and then routing can take place in one or more exactly identical work steps. The form will match perfectly.



#### Tilt protection for large cut-outs

Secure placement of the router on straight paths and over edges - the tilt protection ensures that the router will not tip over when producing large cut-outs. With the copying ring inserted laterally, the tilt protection 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



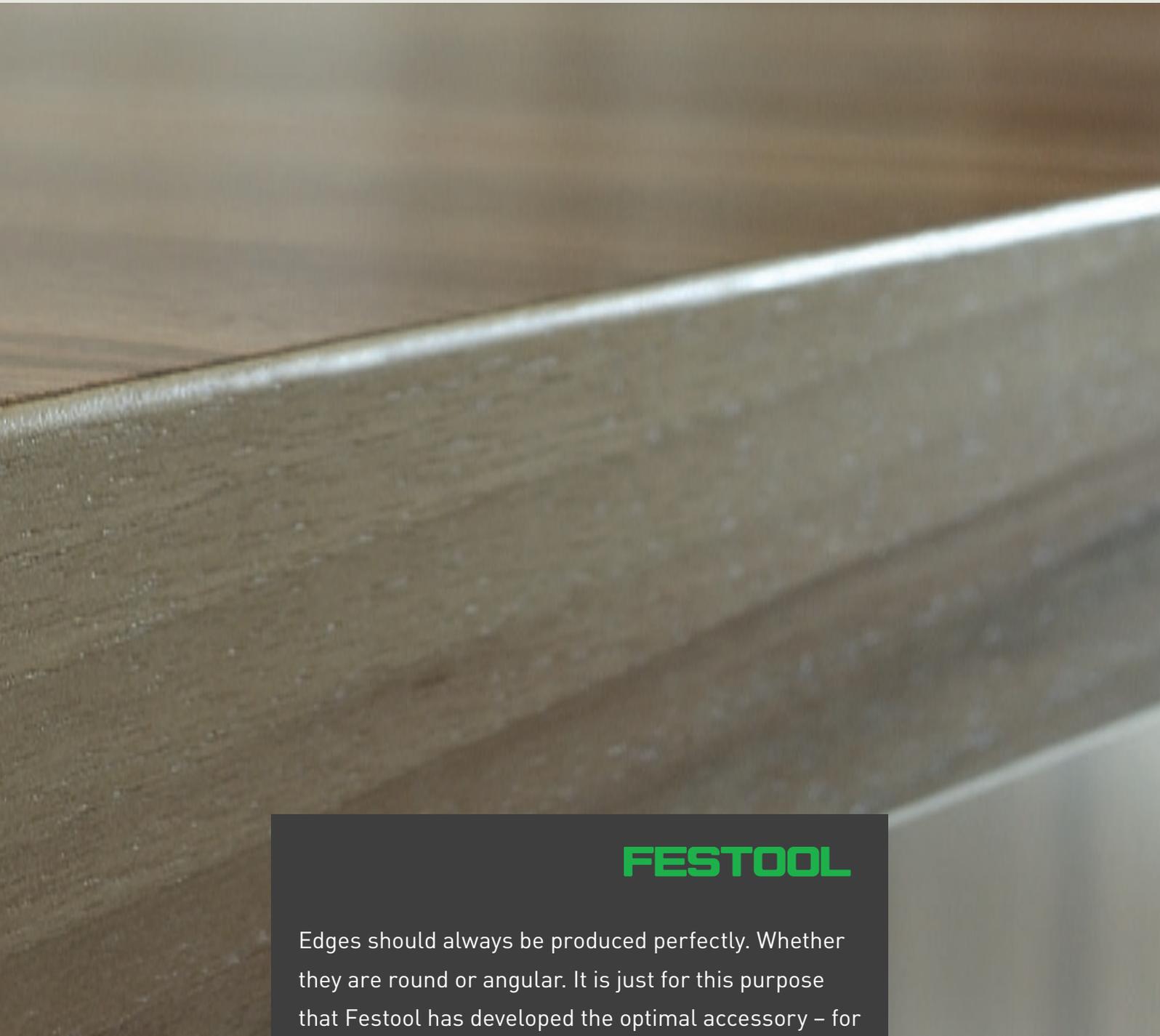
The cut-out for the hotplate was produced using an OF 2200 router, the MFS 700 routing template plus tilt protection and a 12 D12/27 mm spiral groove cutter shank.

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

Perfect edges and corners.

Or why there must not be any tipping if a good result is to be produced.





## FESTOOL

Edges should always be produced perfectly. Whether they are round or angular. It is just for this purpose that Festool has developed the optimal accessory – for a stable base surface and sure guidance of the tool. This makes work tremendously easier and guarantees perfect results. Uniform, clean and free of splinters.

## Routing edges without tipping over



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



### The Festool solution

When routing edges, the placement of the router using a normal base runner is not ideal. It can tilt at any time and destroy the edge. By using the wide base runner from Festool, size of the placement area is increased and the secure guidance of the router guaranteed. With just a few motions and without any using tools, the normal base runner can be replaced by the wide base runner.



### Precise edges without tipping

The advantages of the wide base runner become particularly clear when routing over edges - the easily guided and perfectly balanced router always remains secure and the edges are easily and optimally produced. And even when the direction is changed, the wide base runner ensures precise results. And 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 fast, less tiring work - and because of their optimal weight distribution and the ergonomic construction, they fit perfectly in hand for every work step.

# FESTOOL



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

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 when edges are trimmed. Or a 1.5° router table for the OFK 700 edge router.



#### Edge routing using the 1.5° router table

For trimming edge strips on veneered surfaces and edge protrusions, an edge router with a 1.5° router table is the ideal choice. Here, the bore of the table holder is tilted by 1.5°; the router is correspondingly tilted 1.5° at the edge. This hardly visible technical advantage reliably avoids any cutting of the surface.

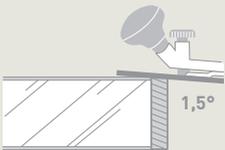
The 1.5° table is standard equipment with the Festool OFK 700 edge router.



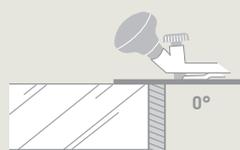
#### Right angles with the 0° router table

For work pieces that are veneered or coated, the edge strips must be cut precisely at right angles to the surface. For this purpose, the edge router can be equipped with a 0° router table by an exchange without using tools. Now the edge router will be stable and at a perfectly right angle.

For both routing tables, the chips are extracted from above via an extractor hood.



1.5° router table for veneered surfaces



0° router table for untreated surfaces

### Festool means innovation.

Special tasks require innovative solutions. From these solutions, trend setting developments come about at Festool that make working faster, more precise and easier – such as the 1.5° router table for the Festool edge router.

# FESTOOL



The cabinet of drawers was made using the OFK 700 edge router with a 1.5° router table and a D 19 mm cylindrical router bit.

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



## Solid wood edge strips with large radii



Solid wood edges up to 28 mm wide can be quickly and reliably cut using a combination of a router and accessories for solid edge strips.



#### The Festool solution

Thanks to the edge strip accessories, solid wood edge strips up to 28 mm thick can be cut using the handy OF 1010 router. By using the fine settings, precision in 1/10 mm steps is possible. Installation of edge strip sets takes place with just a few hand motions, which is especially important for custom work.



#### Reliable edge work

The timesaving accessory for routing solid wood edge strips is the small and handy edge strip set. The large surface of the edging plate and the base runner of the router provide high stability and speed when routing. And the Resitex coating prevents scratching of the surface and edges.



### Festool means **speed**.

Festool accessories make work easier and, above all, faster. Whereas other tools had to be used before, a handy router can now be used together with an edging set.

# FESTOOL



For this dining table, an OF 1010 router, the Festool edge strip accessories and an 8 D 18/30 mm groove cutter shank were used.

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

## Routing door seals

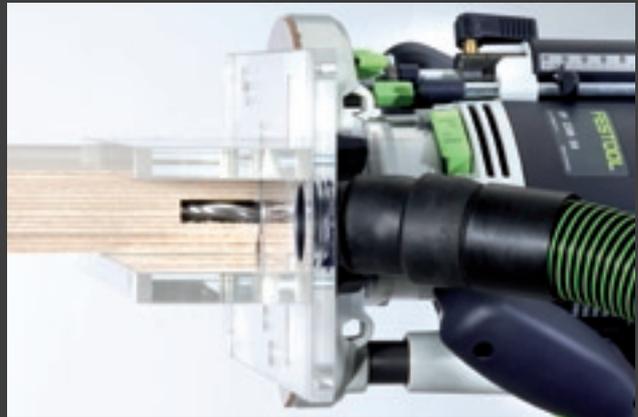


By using the practical routing accessories, security fittings, grooves for automatic door seals, flush bolts and lock boxes can be made quickly and easily.



**The Festool solution**

Grooving doors is frequently suitable as a task for stationary routers. By using Festool router accessories along with the router, this type of work can be performed on site and is the equivalent of the work that is performed by stationary routers. And thanks to the dust extraction that can be integrated, the surroundings remain free of sawdust while the work is being performed.



**Router accessories for narrow edges**

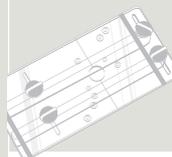
A router accessory made from acrylic glass is easily installed and set on an edge. The router does not tip over and is securely guided along the narrow edge of the door. Because of the clear view of the work piece, the router can be checked to ensure that it is always properly positioned on the edge. The door must only be securely fixed and the dust extractor connected to the router accessory.



**Festool is investing in your health.**

A clean workplace must provide a clear view of the work being carried out as well as clean air. By using the efficient dust extraction systems from Festool, the work environment remains free from chips and dust that can damage your health. And this also makes the customer happy during on site work.

**FESTOOL**

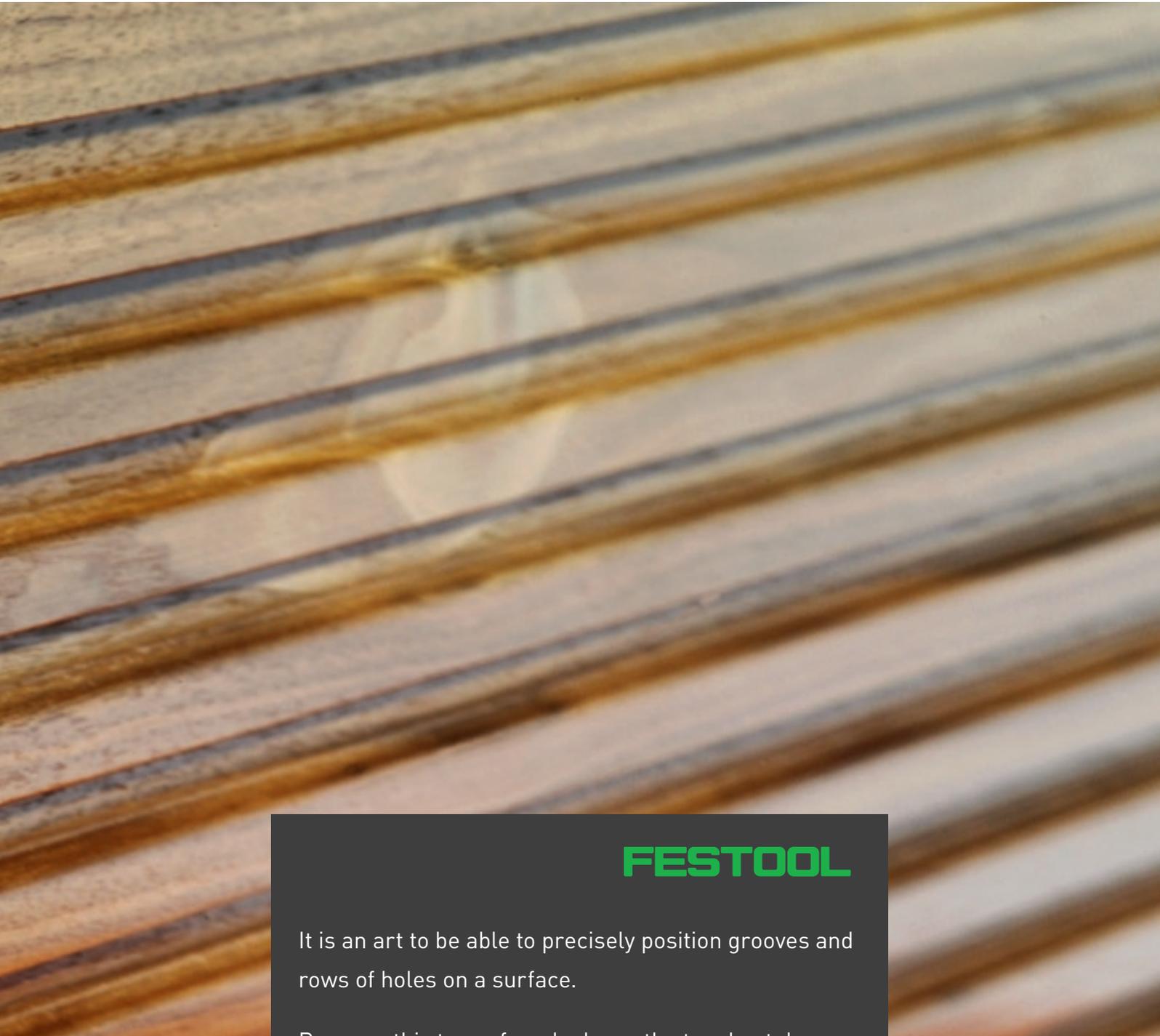


For cutting the acoustic and fire door seal grooves, an OF 2200, the router accessory and the groove cutter from Festool for the acoustic and fire door seals design were used.

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

Surfaces with depressions.  
Or why the router is always positioned at the right place.





**FESTOOL**

It is an art to be able to precisely position grooves and rows of holes on a surface.

Because this type of work places the toughest demands on precision and workmanship skills. It is much easier just to use the right accessories. This makes the work easier. And the results are perfect.

## Cutting stair stringers that fit perfectly



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



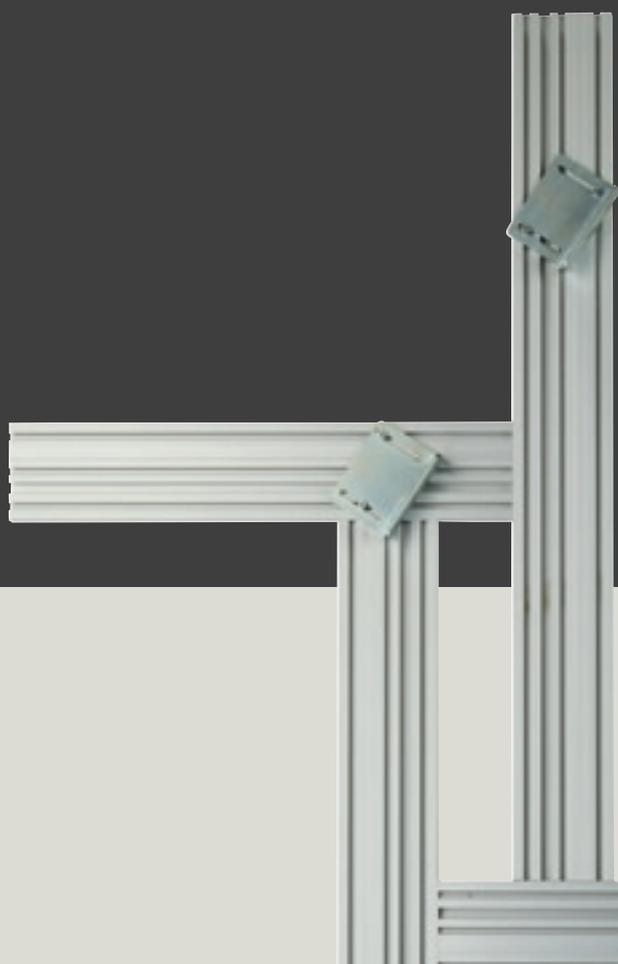
### The Festool solution

When cutting stair stringers, the slope angle, step height, and step length usually have to be reset again and again. By using the routing template, work goes easier and more efficiently - once the pocket dimensions and the angle stops are set, the stair stringers can be cut in the surface without resetting.



### Fitting precisely and adjustable

The effort to set up the routing template is minimal because the included angle stop only has to be set once for the repeated laying on of the template on the stair stringers. By using the ruler on the MFS and securely fixing it on the work piece, the systematic and reliable routing of uniform slope angles, step heights and step lengths 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 groove cutter shank.

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

Quickly and precisely cut rows of holes and grooves



By having rows of holes, cabinets and shelves can provide customers the freedom to carry out their design ideas for cabinets and shelves. The holes will be very precisely cut by using the guide rail from Festool for producing rows of holes.



#### Precise rows of holes by using the guide rail

Rows of holes must be absolutely parallel and must be correctly set up in regards to clearances. There is a guide rail for cutting rows of holes to make this type of work not so time consuming. This guide rail has a row of holes on a 32 mm grid along which the router with the adapter for the row of holes is guided. Thanks to the clever seesaw method, the engaging bolt can be quickly cycled for the next hole. Rows of holes are very easy to copy in this way.



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

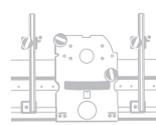
The guide rail is perfectly made for cutting back plane grooves in surfaces – with or without rows of holes. By using the guide rail adapter, the router can be guided parallel and precisely to the rail. Guide rails that differ in length can be linked to one another, put on the work piece and rigidly attached. In this way, grooves can be made exactly parallel or diagonal to the outer edge.



### Festool increases flexibility.

The Festool FS guide system is made to be flexible. Rows of holes or grooves - cuts can be made precisely as well as duplicated as often as desired, even in surfaces. 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**

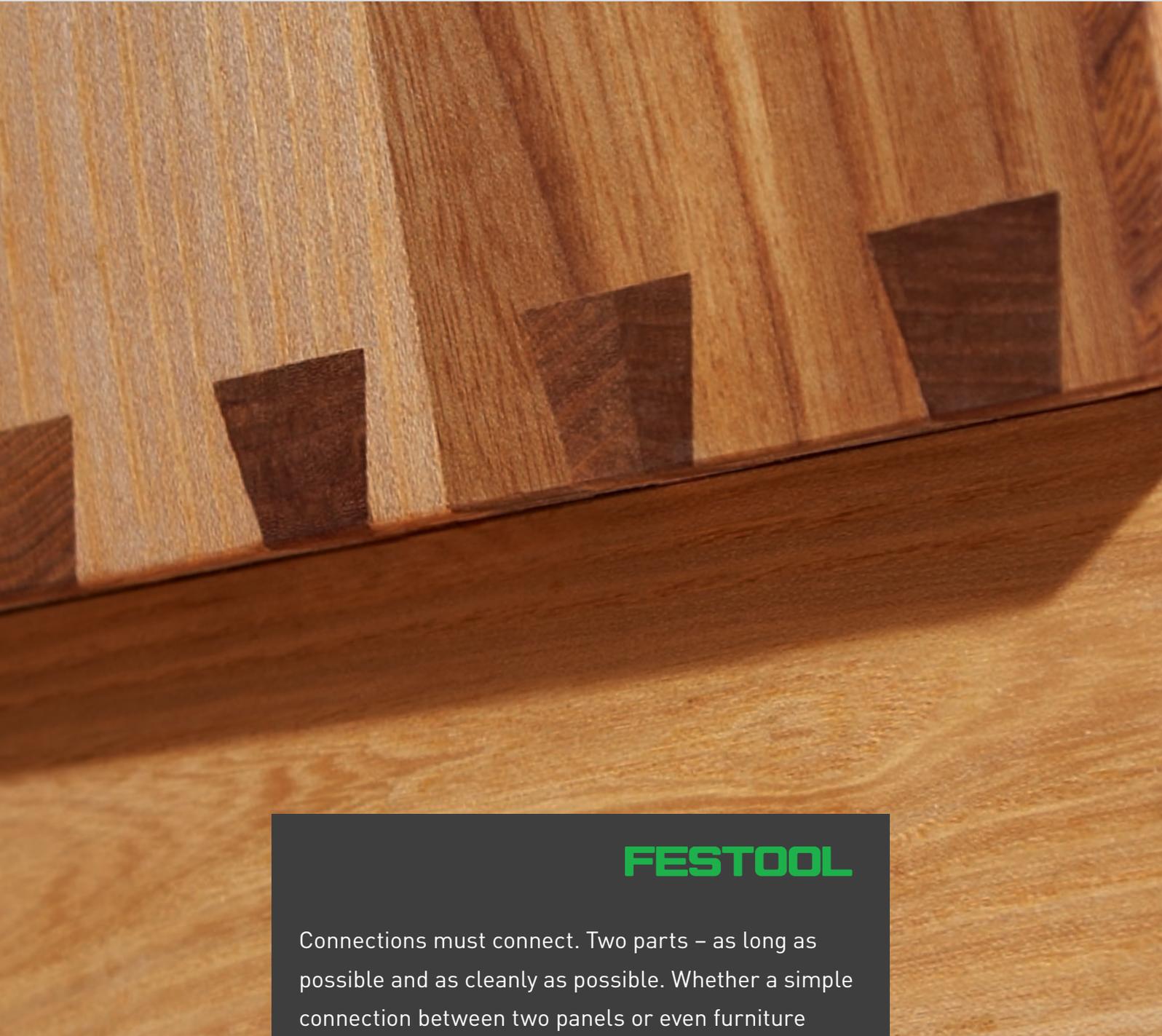


The row of holes and groove in the back plane were cut using the following tools: an OF 1010 router, the guide rail for producing rows of holes, the bit set for producing rows of holes, a guide rail with a guide rail adapter, and an 8 D 8/20 mm groove cutter shank.

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

Fitting perfectly forever.  
Or why aesthetics and functions can be so well linked.





## FESTOOL

Connections must connect. Two parts – as long as possible and as cleanly as possible. Whether a simple connection between two panels or even furniture decorations. The most important thing is that the connect holds everything together. Forever if possible.

## Normal wood joinery



Normal wood joinery in its most beautiful forms – 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.

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



Partially covered dovetail joints



Slot joints



**The system for perfect joints.**

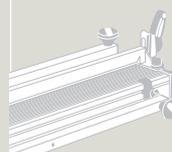
With the VS 600 template, dovetail joints or slot joints that fit perfectly can be quickly produced – and for working widths of up to 650 mm. The templates can be changed without difficulty. And if several work pieces are to be routed one after the other, then the template can simply be tipped up so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



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 groove cutter shanks.

Join profiled panels together perfectly

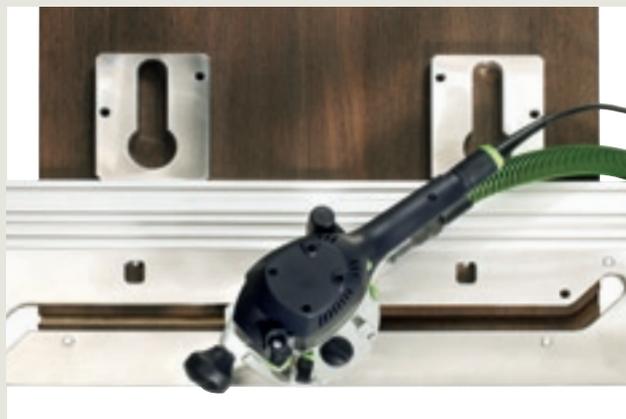


There are highly demanding joining tasks everywhere – in the kitchen, the bathroom and the dining room. The APS routing template lets you complete these tasks perfectly and with little effort.



**The Festool solution**

It is difficult to join rounded off or profiled wood panels at 90° angles. It is easier to use the APS worktop template because edge joints are then guaranteed. The rigidly attached template allows precise results – even for repeated cutting in the same groove. The routing template can be displaced on the profile so that worktops even up to a thickness of 900 mm can be joined.



**Perfect joining.**

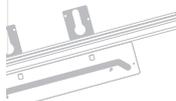
It can be seen that the use of a worktop template is simple - an MFS template profile serves as the attachment base. Depending upon the thickness of the panel, the APS is displaced or aligned along the side. The two keyhole templates serve as guides for routing customary fittings on the bottom of the 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 worktop 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 groove cutter shank were used.

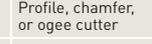
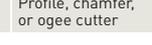
A product overview and order numbers are given starting on p. 34

# 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 forms						
		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	 <p><b>Router OF 1010</b></p>							
5	 <p><b>Router OF 1400</b></p>							
6–7	 <p><b>Router OF 2200</b></p>							
8–9	 <p><b>Edge router OFK 500</b></p>							
10	 <p><b>Edge router OFK 700</b></p>							
11–12	 <p><b>Module edge router MFK 700</b></p>							

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



+



+



Router OF 2200 No. 6

Routing template MFS 400 No. 28

Groove cutter\*

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



## Suitable dust extraction

starting with CTM 22 E SG

starting with CTM 33 E SG

Extractor hose D 36 mm

# FESTOOL

**Mobile dust extractors** – for a clear view and clean work.

When working with routers and edge routers, Festool suggests using mobile dust extractors. In this way, the view of the workpiece is optimal, the workplace stays clean and your health is protected.



**The router reference book** – complete router systems from Festool.

In this overview, the complete router systems from Festool have been outlined for the first time - from the routers to all of the routers and edge routers with special accessories.



More information can be found at [www.festool.co.uk](http://www.festool.co.uk)

## 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	110V: 574239; 240V: 574231
2	<b>OF 1010 EBQ-Plus</b>	in a SYS 3 SYSTAINER	110V: 574238; 240V: 574230
3	<b>OF 1010 EBQ</b>	In a box	574175
4	<b>OF 1010 Q</b>	In a box	574188
5	<b>OF 1400 EBQ-Plus</b>	In a SYS 4 SYSTAINER	110V: 574409; 240V: 574410
6	<b>OF 2200 EB-Plus</b>	In a SYS 4 SYSTAINER	110V: 574276; 240V: 574275
7	<b>OF 2200 EB-Set</b>	as per 574260 with accessory Systainer SYS 2	110V: 574302; 240V: 574301
8	<b>OFK 500-Plus</b>	in a SYS 2 SYSTAINER	574413
9	<b>OFK 500 Q</b>	In a box	574184
10	<b>OFK 700-Plus</b>	in a SYS 2 SYSTAINER	574407
11	<b>MFK 700 EQ-Set</b>	together with a 1.5° router table and extractor hood, in a SYS 2 SYSTAINER	110V: 574285; 240V: 574286
12	<b>MFK 700 EQ-Plus</b>	in a SYS 2 SYSTAINER	110V: 574415; 240V: 574416

## 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 for use with the FS guide system FS, with support</b>	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 in lengths of 800 mm to 5,000 mm</b>		For all Festool routers
17	<b>Guide rail with row of holes, length 1,080 mm</b>	491621	OF 1010, OF 1400
18	<b>Drill bit set for drilling rows of 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 base runners, in a SYS 2 2200 SYSTAINER, metric	495248	OF 2200
24	<b>Base runner with wide cover OF 1010</b>	493139	OF 1010
25	<b>Base runner with wide cover OF 1400</b>	493233	OF 1400
26	<b>Base runner with wide cover OF 2200</b>	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, each 2x with scales</b>		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 scaling	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 groove cutter HW shank 12 mm</b>	491110	OF 1400, OF 2200
36	<b>Groove cutter HW shank 12 mm</b>	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 HW shank 8 mm, D 14,3, 10°</b>	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 HW shank 8 mm, D 20, 10°</b>	491165	OF 1010, OF 1400*
42	<b>Partially covered dovetail joint template SZ 14</b> , slot size 14 mm	488877	OF 1010, OF 1400*
43	<b>Edge/dovetail cutter HS shank 8 mm, D 14,3, 15°</b>	490991	OF 1010, OF 1400*
44	<b>Edge/dovetail cutter HW shank 8 mm, D 14,3, 15°</b>	490992	OF 1010, OF 1400*
45	<b>Partially covered dovetail joint template SZ 20</b> , slot size 20 mm	488878	OF 1010, OF 1400*
46	<b>Edge/dovetail cutter HS shank 8 mm, D 20, 15°</b>	490995	OF 1010, OF 1400*
47	<b>Edge/dovetail cutter HW shank 8 mm, D 20, 15°</b>	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 groove cutter HS shank 8 mm, D 6</b>	490944	OF 1010, OF 1400*
50	<b>Spiral groove cutter HW shank 8 mm, D 6</b>	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 groove cutter HS shank 8 mm, D 10</b>	490946	OF 1010, OF 1400*
53	<b>Spiral groove cutter HW shank 8 mm, D 10</b>	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

## Edge router accessories

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

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