

Routing



New potential for hand-guided routers.





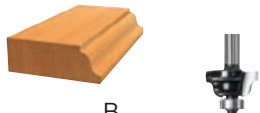

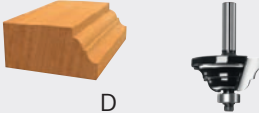
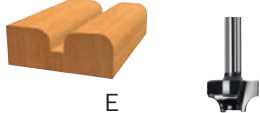



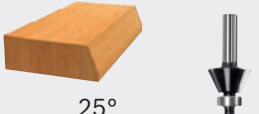


Bosch offers a compact, clearly structured range of router bits for a wide range of applications. All of which represent excellent value for money. The outstanding features of Bosch's GOF-CE routers are power and precision. When used together with the new router bits they make an exceptionally effective team in any standard application.

Router bits from Bosch








For standard applications in the workshop and on the construction site. All made from durable tungsten-carbide and shank lengths of 8 or 12 mm. Transparent range structure: router bits for profiling and router bits for joining.

Shaping bits: for profiling

The Bosch range of router bits covers all the most commonly-used profiles. A total of 38 dimensions.



















564 Rounding over bits						
565 Core box bits						
566 Edge forming bits	 <p>A</p>		 <p>B</p>		 <p>C</p>	
	 <p>D</p>		 <p>E</p>		 <p>F</p>	
	 <p>G</p>		 <p>H</p>			
569 Chamfer/laminate trim bits	 <p>25°</p>		 <p>45°</p>			
570 V-groove router bits						



571 Beading bits	 		
572 Guided staff bead bits and staff bead bits	 		
573 Pilot panel bits	 		

Precise bits: for joining

Straight bits, tongue joining bits, rebating bits and dovetail bits for the most common joints. Also available, hinge mortising bits and laminate trim bits. A total of 40 dimensions.

574 Straight bits	 	 	 
576 Slotting cutters	 		
577 Tongue joining bits	 		
577 Hinge mortising bits	 		
578 Rebating bits	 		
579 Laminate trim bits	 		
580 Dovetail bits	 		



Quality

that pays off.

The combination of high quality and real value for money is unbeatable. Bosch's many years of experience have resulted in router bits with high quality tungsten-carbide cutters and optimised cutting geometry that produce the most precise cuts. Customers reap the benefits of the fitting accuracy and long service life.

Tungsten carbide plates

Material as defined in ISO K10 with diamond-ground cutting geometry.

Silver solder

TC plates brazed to the body of the router bit with silver solder. This ensures a high-quality, secure joint.

EN Standard 847

Bosch's standard routers comply with the latest European standard. They represent excellent value for money and give users added brand-specific benefits.

One or two flutes?

Router bits with very small diameters have better chip clearance. Two-flute router bits are used for medium and large diameters.



Safe clamping length

The mark on the shank indicates the required clamping length.

Working length to suit the market

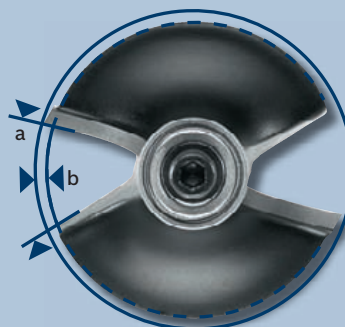
The working length of the router bits is designed to suit the nominal thickness of conventional solid wood and wooden materials, up to 25 mm. Extra long router bits are available for materials up to 38mm thickness.



Calculated safety

Relevant construction features for clean, low-recoil working:

- a) Chip gap limitation
- b) Limitation of chip thickness: maximum 1.1 mm



Better results

when used in the right direction.

The features of a power tool and the precision of a router bit have a major influence on quality.

Here, our customers can benefit from our years of practical experience.

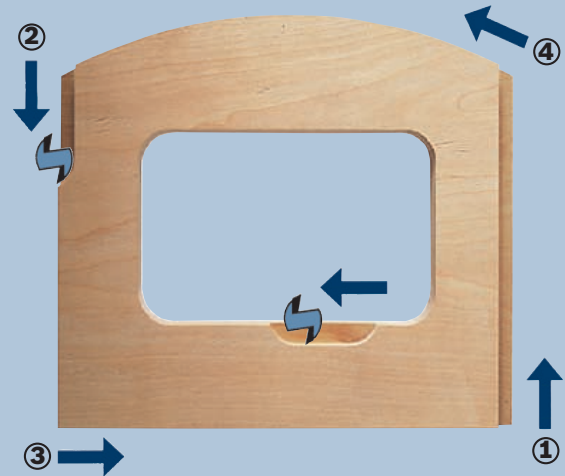
Four-sided routing around workpieces

1 + 2: first rout around the face ends
3 + 4: then rout the longitudinal edges, along the grain

Benefit: you can then correct the corners that may splinter when you rout the face ends.

Routing curved edges

Suitable accessories for clean routing: pilot, ball bearing pilot or template with template guide.



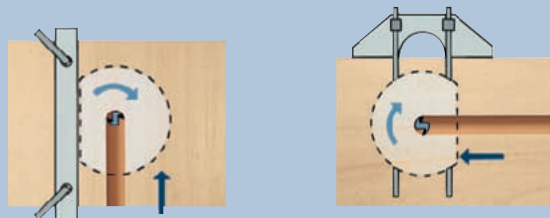
Risks when working without a stop

If you pull the router towards yourself, it drifts to the right. If you push the router away from yourself, it drifts to the left.



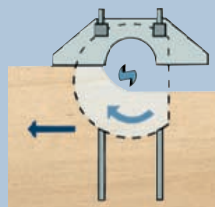
Routing with a locating stop and routing grooves

The correct feed direction is a major factor in achieving high quality.
Routing with a locating stop: pushing the router.
Groove cutting: routing against the grain.



Safe routing against the grain

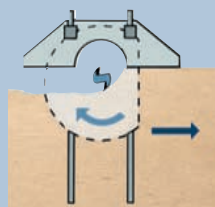
When routing against the grain, pull the stop cleanly against the workpiece to ensure safe, clean working.



Routing against the grain

Unsafe routing along the grain

When routing along the grain, if the machine is pressed away by the workpiece, you run the risk of creating unclean edges as the machine drifts away.



Routing along the grain

