



Routing | Planing

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New potential for hand-guided routers.

Bosch offers a compact, clearly structured range of router bits for a wide range of applications.

And this at an attractive price/performance ratio. Power and precision characterise the routers from Bosch. Together with the new router bits and standard applications, they provide full system competence.





















Router bits from Bosch

For standard applications in the workshop and on the construction site. All made with a durable tungsten-carbide quality and a 6 and 8 mm shank, as well as 1/4" shank. Transparent range structure: router bits for profiling and router bits for joining.

Shaping bits: for profiling

The range of router bits from Bosch comprises the most important profiles.

Router Bits Profiling








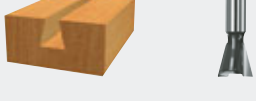
Rounding over bits				
Core box bits				
Edge forming bits	 A		 B	
			 E	
			 F	
Chamfer/laminate trim bits	 45°			
V-groove bits				
Beading bits				



Precise bits: for joining

Straight bits, tongue joining bits, rebating bits, laminate trim bits and dovetail bits for the most common joints.

Router Bits Joining

Straight bits			
Slotting cutters			
Tongue joining bits			
Rebating bits			
Laminate trim bits			
Dovetail bits			



Quality

that pays off.

It is an attractive offer when economic efficiency and quality are combined. All Bosch Router Bits have high-quality tungsten-carbide cutters, optimised cutting geometry and a precision cut that is the result of many years of experience. The benefit of this lies in the fitting accuracy and the long lifetime.

Tungsten-carbide plates

Material as per ISO K10, with diamond-ground cutting geometry.

Silver solder

Brazing of the TC-plates with silver solder on the body of the router bit. This means a high-quality, secure joint.

EN Standard 847

Standard routers from Bosch comply with the latest European standard, combined with economically efficient and brand-specific user advantages.

One or two flutes?

Router bits with very small diameters have – for better chip clearance – one flute.

Two-flute router bits are for medium and large diameters.



Safe clamping length

The mark on the shank indicates the required clamping length.

Working length in line with the market

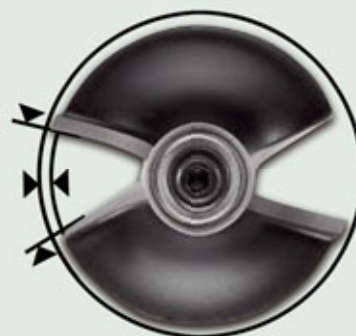
The working length of the router bits is tailored to the nominal thickness of conventional solid wood and wooden materials, up to 25 mm.



Calculated safety

Relevant construction features for clean, low-recoil working:

- Chip gap limitation
- Limitation of the chip thickness: max. 1.1 mm



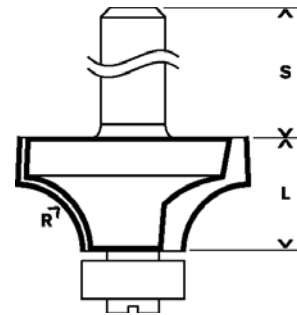
Router Bits

Rounding over bits – for profiling

Rounding over bits are suitable for profiling edges in frame construction, in particular on solid woods such as spruce, beech, oak and alder.

The ball bearing pilots allow you to guide the router bit directly on the workpiece - even on curved edges. The use of templates is not necessary. These router bits are frequently used for rounding off edges on window frames, cupboards, table tops, shelves and fireplace surrounds.

- ▶ TC-version with ball bearing pilot
- ▶ Two flutes



Shank mm	Radius R1 mm	Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
8	6	13.5	53	1	1	2 609 256 603	3 165140 381345 >
8	10	16.5	57	1	1	2 609 256 604	3 165140 381352 >

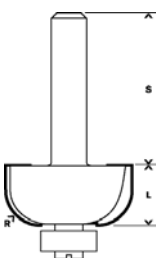


Core box bits – for profiling

Core box bits are used for edge profiling (e.g. with core boxes), for the construction of writing desks (hinge connections with core box profiles), for producing decorative grooves, for structuring surfaces, for routing sauce channels on serving platters and in copy routing machines. The ball bearing pilots allow you to guide the router bit directly on the workpiece - even on curved edges.

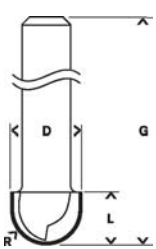


Shank mm / inch	Diameter D mm	Radius R1 mm	Cutting depth / Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
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Core box bit with ball bearing pilot, two flutes, TC

6	25.4	6.3	12.7	54	1	1	2 609 256 667	3 165140 398794 >
1/4"	25.4	6.3	12.7	54	1	1	2 609 256 639	3 165140 381703 >
8	24.7	6	13	53	1	1	2 609 256 610	3 165140 381413 >
8	32.7	10	14	55	1	1	2 609 256 611	3 165140 381420 >

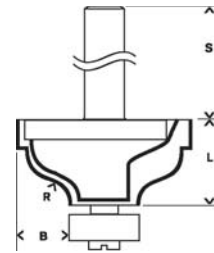


Core box bit, two flutes, TC

6	6.3	3.2	9.2	40	1	1	2 609 256 672	3 165140 398848 >
6	9.5	4.7	9.2	40	1	1	2 609 256 663	3 165140 398756 >
6	12.7	6.3	9.2	40	1	1	2 609 256 662	3 165140 398749 >
6	16.0	8	12.3	45	1	1	2 609 256 664	3 165140 398763 >
6	25.4	12.7	15.5	49	1	1	2 609 256 665	3 165140 398770 >
1/4"	6.3	3.2	9.2	40	1	1	2 609 256 644	3 165140 381758 >
1/4"	12.7	6.3	9.2	40	1	1	2 609 256 634	3 165140 381659 >
8	24.7	6	13	53	1	1	2 609 256 635	3 165140 381666 >
8	28.7	8	13	54	1	1	2 609 256 636	3 165140 381673 >
8	32.7	10	14	55	1	1	2 609 256 637	3 165140 381680 >

Edge forming bits – for profiling

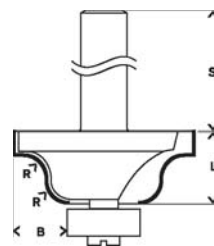
Bosch produces a range of edge forming bits for various applications. They are mainly used in furniture joinery. Individual applications include edging of shelves and frames as well as the design of mantelpieces and frame profiles. The ball bearing pilot ensure that router bits can be fed directly along the workpiece - even on curved edges. The use of templates is not necessary.



Shank mm / inch	Width B mm	Diameter D mm	Radius R1 mm	Cutting depth / Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
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Edge forming bit A with ball bearing pilot, two flutes - TC

8	11	35	4.8	14	57	1	1	2 609 256 616	
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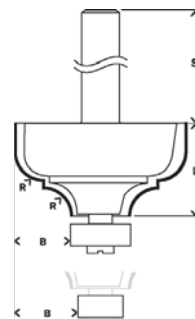


Edge forming bit B with ball bearing pilot, two flutes - TC

6	7.9	29	4.0	12.4	54	1	1	2 609 256 666	
1/4"	7.9	29	4.0	12.4	54	1	1	2 609 256 638	



Edge forming bits – for profiling



Shank mm	inch	Width B mm	Diameter D mm	Radius R1 mm	Cutting depth / Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
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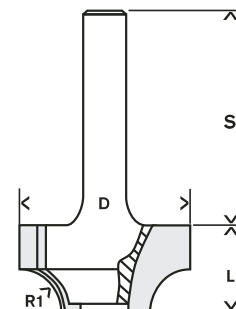
Edge forming bit C with ball bearing pilot, two flutes - TC



8	9.5	31.8	4.8	14	57	1	1	2 609 256 617	
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3 165140 381482 >



Edge forming bit E, two flutes - TC

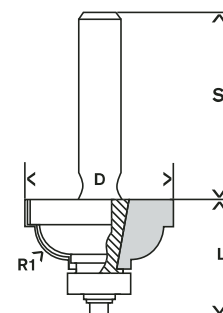


6	6.3	25.4	6.3	14	46	1	1	2 609 256 671	
1/4"	6.3	25.4	6.3	14	46	1	1	2 609 256 643	



3 165140 398831 >

3 165140 381741 >



Edge forming bit F with ball bearing pilot, two flutes - TC



8	7.9	28.5	6.3	13.5	54	1	1	2 609 256 609	
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3 165140 381406 >

Chamfer bits – for profiling

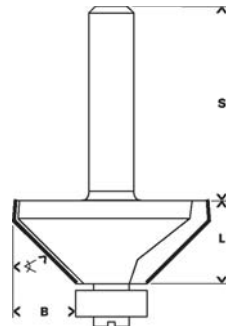
Chamfer bits are used for chamfering and carving fine lettering and decorative grooves into solid wood or board materials.

The ball bearing pilots allow you to guide the router bit directly on the workpiece - even on curved edges.

The usual applications include the production of signs, free-hand engraving and marquetry.

Suitable for chamfering wood edges with even or curved surfaces.

- ▶ TC-version with ball bearing pilot
- ▶ Two flutes



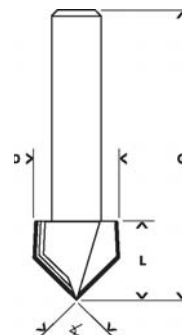
Shank mm / inch	Width B mm	Diameter D mm	Angle °	Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
6	11	35	45	14.6	56	1	1	2 609 256 660	3 165140 398725 >
1/4"	11	35	45	14.7	56	1	1	2 609 256 632	3 165140 381635 >
8	11	35	45	15	56	1	1	2 609 256 607	3 165140 381383 >



V-groove bits – for profiling

Suitable, among other things, for chip carving imitation and engraving letters in solid wood, but also for routing decorative fine grooves in solid wood surfaces and chamfering wood edges using a parallel guide or template guide.

- ▶ TC-version
- ▶ Two flutes
- ▶ 90° point angle



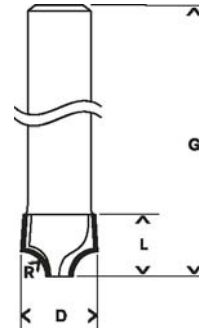
Shank mm / inch	Diameter D mm	Angle °	Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
6	6.3	90	9.2	45	1	1	2 609 256 657	3 165140 398695 >
6	9.5	90	12.3	45	1	1	2 609 256 658	3 165140 398701 >
6	12.7	90	12.7	45	1	1	2 609 256 659	3 165140 398718 >
1/4"	6.3	90	9.2	45	1	1	2 609 256 629	3 165140 381604 >
1/4"	9.5	90	12.3	45	1	1	2 609 256 630	3 165140 381611 >
1/4"	12.7	90	12.7	45	1	1	2 609 256 631	3 165140 381628 >
8	16	90	16	45	1	1	2 609 256 620	3 165140 381512 >



Beading bits – for profiling

For decorative surface profiling in furniture manufacture and interior fitting work, for example for imitation of tongue and groove joints in solid wood (if the full working length of the router bit is not used) and for imitation of frame constructions with filling (full working length of the router bit used).

► TC-version

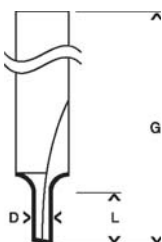


Shank mm / inch	Diameter D mm	Radius R1 mm	Cutting depth / Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
6	25.4	6.3	13	54	1	1	2 609 256 668	3 165140 398800 >
6	31.8	9.5	16	57	1	1	2 609 256 669	3 165140 398817 >
6	38	12.7	18.5	60	1	1	2 609 256 670	3 165140 398824 >
1/4"	25.4	6.3	13	54	1	1	2 609 256 640	3 165140 381710 >
1/4"	31.8	9.5	16	57	1	1	2 609 256 641	3 165140 381727 >
1/4"	38	12.7	18.5	60	1	1	2 609 256 642	3 165140 381734 >



Straight bits – for joining

Bosch Straight Bits are designed for general routing, grooving and rebating with routers and they can also be used for formatting straight or curved workpieces. The comprehensive range offers one and two flute bits in proven TC quality.

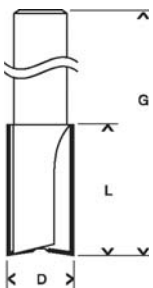


Shank mm / inch	Diameter D mm	Cutting depth / Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
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Straight bit, one flute, TC

6	3.2	7.7	51	1	1	2 609 256 650	3 165140 398626 >
6	4.8	12.4	51	1	1	2 609 256 651	3 165140 398633 >
1/4"	3.2	7.7	51	1	1	2 609 256 622	3 165140 381536 >
1/4"	4.8	12.4	51	1	1	2 609 256 623	3 165140 381543 >

Straight bit, two flutes, TC

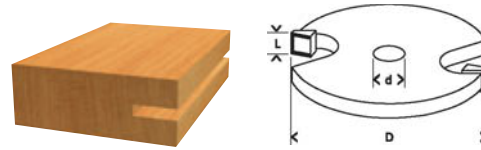


6	6.0	15.6	48	1	1	2 609 256 652	3 165140 398640 >
6	8.0	19.5	51	1	1	2 609 256 653	3 165140 398657 >
6	9.5	19.5	51	1	1	2 609 256 654	3 165140 398664 >
6	12.7	19.5	51	1	1	2 609 256 655	3 165140 398671 >
6	19.0	19.5	51	1	1	2 609 256 656	3 165140 398688 >
1/4"	6.35	15.6	48	1	1	2 609 256 624	3 165140 381550 >
1/4"	8.0	19.5	51	1	1	2 609 256 625	3 165140 381567 >
1/4"	9.5	19.5	51	1	1	2 609 256 626	3 165140 381574 >
1/4"	12.7	19.5	51	1	1	2 609 256 627	3 165140 381581 >
1/4"	19.0	19.5	51	1	1	2 609 256 628	3 165140 381598 >
8	6.0	16	48	1	1	2 609 256 612	3 165140 381437 >
8	8.0	20	51	1	1	2 609 256 613	3 165140 381444 >
8	16.0	20	51	1	1	2 609 256 614	3 165140 381451 >
8	20.0	25	56	1	1	2 609 256 615	3 165140 381468 >

Slotting cutters – for joining

Bosch Slotting Cutters allow for the exact positioning of grooves in narrow edges; e.g. to hold seals or create tongue and groove joints. The router guide fence created by the workpiece prevents the tool from turning over (contrary to ‘normal’ straight bits).

- ▶ TC-version with ball bearing pilot
- ▶ Two flutes

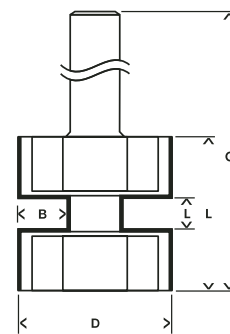


Shank mm	Diameter D mm	Cutting depth / Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
8	32.0	4.0	51	1	1	2 609 256 618	3 165140 381499 >
8	32.0	5.0	51	1	1	2 609 256 619	3 165140 381505 >

Tongue jointing bits – for joining

Suitable for routing classical tongue and groove profiles in solid wood edges in combination with a 5 mm slotting cutter.

- ▶ TC-version for working on solid wood
- ▶ Two flutes

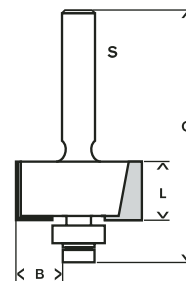


Shank mm	Diameter D mm	Cutting depth / Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
8	25	5	58	1	1	2 609 256 608	3 165140 381390 >

Rebating bits – for joining

Rebating bits are used in the manufacturing of furniture and frames (windows, doors, picture frames). The ball bearing pilots ensure that the router bit can be fed directly along the workpiece.

- ▶ TC-version with ball bearing pilot
- ▶ Two flutes

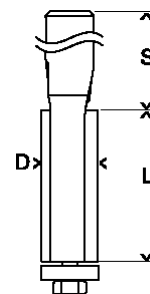


Shank mm / inch	Diameter D mm	Cutting depth / Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
6 / 12.7	12.4	54	1	1	2 609 256 661	3 165140 398732 >	
1/4"	6.3	12.4	54	1	2 609 256 633	3 165140 381642 >	
8	9.5	12.7	54	1	2 609 256 606	3 165140 381376 >	

Laminate trim bits – for joining

This type of router bit is suitable for flush trimming and chamfering of laminated boards, wood beams and corner beads (plastic or veneered) for furniture manufacture and shop fittings. The ball bearing pilots ensure that the router bit can be fed directly along the workpiece.

- ▶ TC-version with ball bearing pilot
- ▶ Two flutes

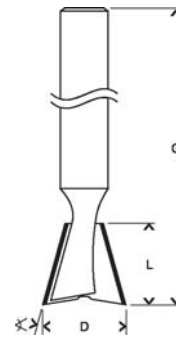
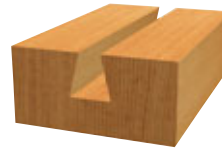


Shank mm / inch	Diameter D mm	Cutting depth / Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
6 / 6.3	16.1	54	1	1	2 609 256 673	3 165140 398855 >	
6 / 9.5	12.6	56	1	1	2 609 256 674	3 165140 398862 >	
6 / 12.7	12.7	56	1	1	2 609 256 675	3 165140 398879 >	
1/4"	6.3	16.1	54	1	2 609 256 645	3 165140 381765 >	
1/4"	9.5	12.6	56	1	2 609 256 646	3 165140 381772 >	
1/4"	12.7	12.7	56	1	2 609 256 647	3 165140 381789 >	
8 / 12.7	13	56	1	1	2 609 256 605	3 165140 381369 >	

Dovetail bits – for joining

Dovetail bits are used for the production of dovetail joints. Various dovetail shapes are possible: open, covered or semi-covered (the latter in conjunction with the dovetail jig). Another application for these bits: routing of precise grooves, e.g. within a solid wood table to prevent warping.

- ▶ TC-version
- ▶ Two flutes



Shank mm	Diameter D mm	Angle °	Working length L mm	Total length G mm	Sales package qty	Despatch package qty	Part number	Barcode
8	14	15	14	55	1	1	2 609 256 621	3 165140 381529 >



Dowels

Biscuit dowels

Perfect joints with the Bosch blade cutter and flat biscuit.



Length mm	Width mm	Height mm	Sales package qty	Despatch package qty	Part number	Barcode
45	15	4	50	1	2 609 256 600	3 165140 392464 >
55	19	4	50	1	2 609 256 601	3 165140 392471 >
60	23	4	50	1	2 609 256 602	3 165140 392488 >



Planer blades

Planer blades

For all kinds of planers. Also available as a set.

- ▶ With rounded corners



Sales package qty	Despatch package qty	Part number	Barcode
1	1	2 609 256 649	3 165140 392501 >

Planer blade set



Sales package qty	Despatch package qty	Part number	Barcode
2	1	2 609 256 648	3 165140 392495 >



