

No. 227

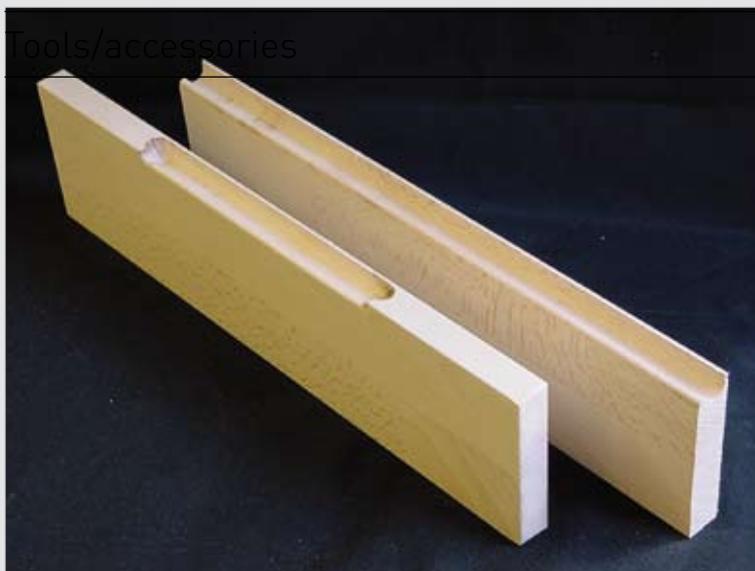
Routing grip recesses for drawers or furniture doors



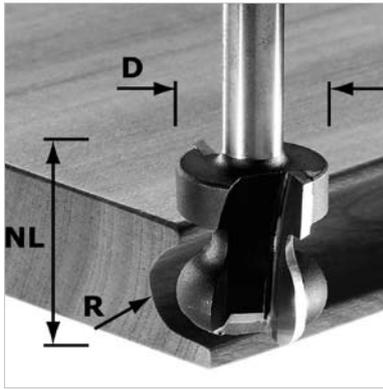
A

Description

Grip recesses are often used as creative elements on furniture front sections as well as drawers. These grip recesses replace handles that often interfere. Whether drawer cabinets for the kitchen, furniture doors for the living room cupboard or flaps for a bureau, the grip recess was and remains a design and creative element frequently used by carpenters.



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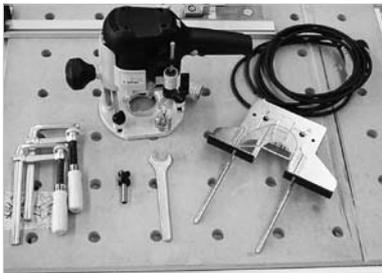
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Drawers behind a cabinet door inside a cupboard, in particular, are often provided with such grip recesses because usually there is not enough room for fitted handles. The dimensions of the hand hole cutter are suitable for 18-mm thick workpieces.

NL= 16 mm; D=22 mm ; R=2.5/6 mm

B

Basic equipment



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Denomination	Order no.
Router (Festool OF 1010 EBQ with parallel stop)	*

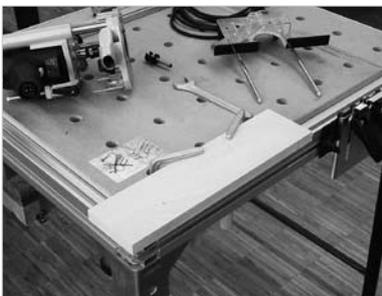
*Please obtain the Order No. from the Festool main catalogue or from the Festool website.

The following accessories are required to produce these handles:

- Hand hole cutter
- Multifunction table with clamp clips (optional)
- The extractor required is one of the Cleantec mobile dust extractors CTL MINI/MIDI – CT 55.

C

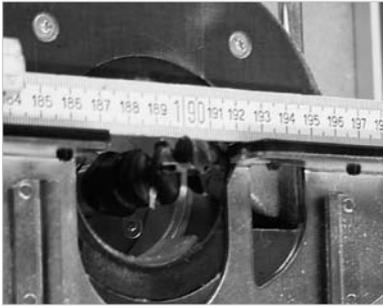
Preparation/set-up



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You should make the following preparations to create such grip recesses:

- Secure the workpiece on the multifunction table (MFT).
- Ensure that the inside of the drawer front, or furniture door, bears correctly on the table, i.e. the front side faces upwards.
- Secure the workpiece with the clamp clips, whereby you must ensure that the clamp clips do not interfere with the routing operation.



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Set the router as follows:

- Clamp the hand hole cutter in the chuck of the router; the router shank should be clamped at least 2/3 in the chuck.
- Push the router down until the cutter is on the workpiece and use the depth setting to set a routing depth of 16 mm.
- Secure the parallel stop and set it so that it is aligned with the outermost round edge of the cutter. Mark this point with a pencil on the router table. Now push the parallel stop back until it is 8 –10 mm behind the drawn line. Thanks to the guidance of the parallel stop via two rods, its displacement is always parallel.

E

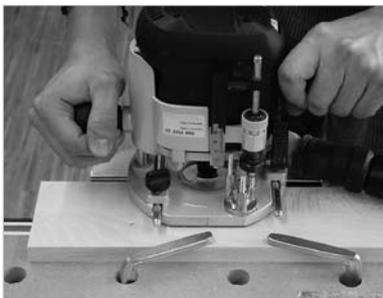
Procedure

Proceed as follows when routing:



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- Place the router on the workpiece and move it down. Secure the locking screw to fix the depth of the router. Ensure that the router does not touch the workpiece when it is turned on.
- Now switch on the router and move it slowly into the workpiece. Move the router from left to right, i.e. you are routing in reverse direction.



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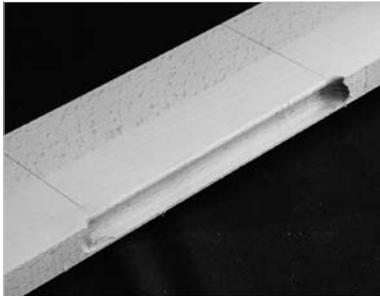
- During the routing process, you should ensure that pressure on the workpiece is initially applied to the right-hand jaw of the parallel stop as long as the left jaw has no support. If this is the case, you can distribute pressure to both jaws of the parallel stop. As soon as the right-hand jaw has no more support, you have to redistribute pressure to the left-hand jaw of the parallel stop. This is the only way to create a grip recess without "waves".
- When you reach the end of the drawer or furniture door, you can switch off the router. However, do not move the router from the workpiece until it is stationary.



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Note

Grip recesses can also be produced with the OF 1010 router and the Basis 5 A. This is easier because, as far as height and depth are concerned, it is simpler to set the stationary equipment of the router. However, this equipment has significantly higher acquisition costs.



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If you wish to route non-continuous grip recesses, you can do this by marking the start and end of the routing operation and also plunge the router and end the routing operation at the same place. For this purpose, mark the limiting lines approx. 8 cm so that you can move along these lines with the notch on the other side of the router table.

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