

No. 552



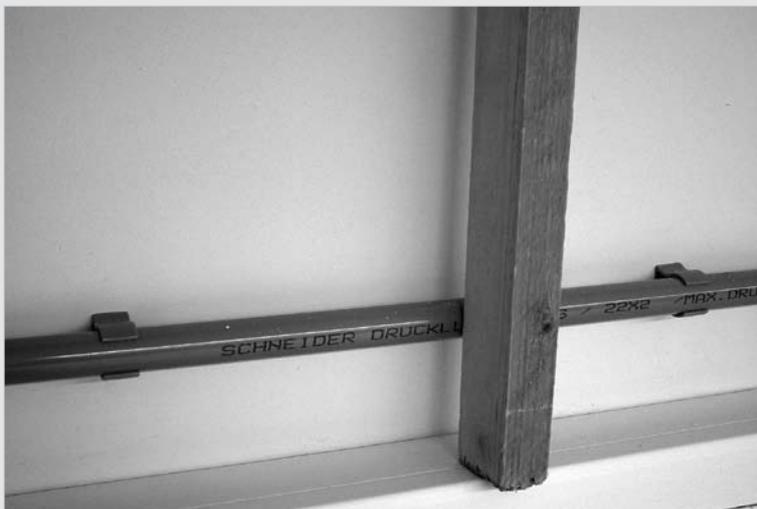
Grooving/Notching using the KAPEX KS 120

A

Description

In the case of interior fitting work often frame pieces, timber battens, skirting boards, or similar, have to be notched or grooved in order to conceal electrical cables or heating pipes for example.

This application example describes the notching or grooving at a frame piece using the compound mitre saw KAPEX KS 120.



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B

Tools/Accessories



552/02



552/03

The following tools and accessories are used in this application example:

Designation	Order No.
Sliding compound mitre saw KAPEX, KS 120 EB set (HW universal saw blade W60, bevel, workpiece clamp, multifunction table MFT KAPEX, 2x trimming attachment, 2x crown stop, operating tool)	561289
Antistatic extractor hose D 36 x 3.5 m AS	452882
CT series mobile dust extractor	*

* Please obtain the order no. from the Festool main catalogue or from the Festool website.

C

Preparation/Set-up

- Connect the KAPEX with an extractor hose D 36 to a mobile dust extractor from the CTM series
- Adjust the speed setting of the KAPEX to level 6.

D Procedure



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- Mark the groove position (Fig. 552/04)
- Measure the groove depth (Fig. 552/05)
- Mark the area to be notched (Fig. 552/06)
- Position the workpiece on the table of the KAPEX

Note:

In order to be able to notch out the full area of the frame piece, a piece of wood (in the example: using a frame piece 6x6 cm) must be placed at the back (see Fig. 552/07).



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Setting the depth limit:

Using the infinitely variable depth limit (see Fig. 552/08) the vertical cutting angle adjustment of the saw can be set. The grooving or flattening of workpieces is thus made possible.

- Bring the machine into the work position
- Tilt the lever of the depth limit down until it locks in (see Fig. 552/09)
- Turn the lever to set the desired groove depth

Note:

Perform a test cut on a reject piece of wood and if necessary adjust the desired groove depth by turning the depth setting (see Fig. 552/10).



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552/09



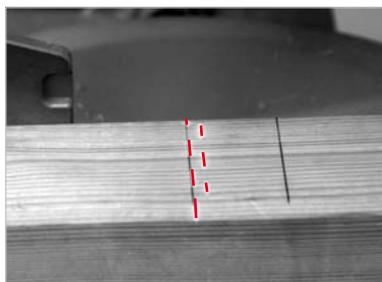
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If the exact depth is set precisely the marked area is notched out. Proceed as follows:

- Open the clamp for the drawing unit (see Fig. 552/11)
- Switch on the laser at the KAPEX KS 120 and position the workpiece at the marking (see Fig. 552/12)
- Switch on the KAPEX and make the cut (see Fig. 552/13)
- Move the workpiece by one cutting width and make another cut
- This process is repeated as often as necessary until the marked area is completed notched out (see Fig. 552/14).

Once the work is completed the notched frame piece can be fitted (see Fig. 552/15).

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