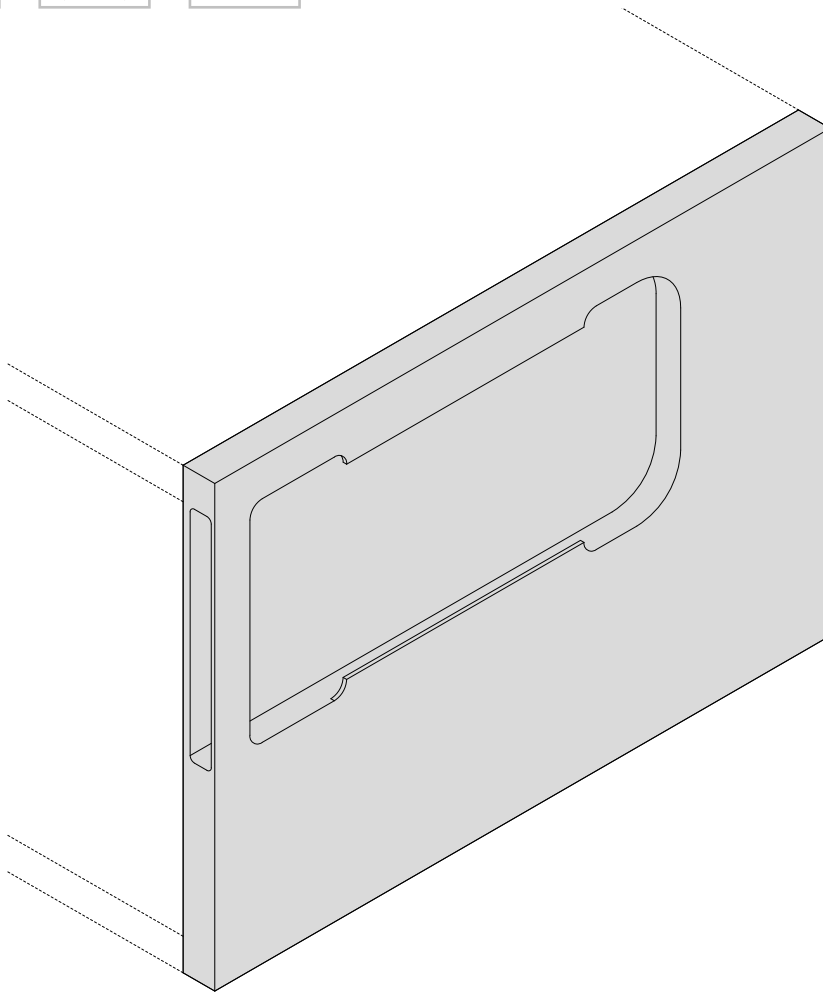




AVENTOS HKi

Milling from the outside using a CNC machine



General information

Milling from the outside enables the HKi lift mechanism to be fully integrated into the cabinet side so it is no longer visible. The milled recess is concealed either by an adjacent décor panel or an adjacent cabinet.

This machining option is less costly and labour-intensive compared to the milling processes required for two-piece solutions, for example.

Milling in detail (can also be planned in the Blum Product Configurator)

1. Mill from the front (max. router diameter: 5 mm | max. milling depth: 30 mm)
2. Mill from the outside (with an end mill cutter and T-slot cutter*)
3. Use T-slot cutter to produce shoulder of material at top and bottom that functions as a guide for installation

*For minimum and maximum dimensions for T-slot cutter, see page 2

(Suitable routers are not available from Blum and must be procured from a tool supplier.)



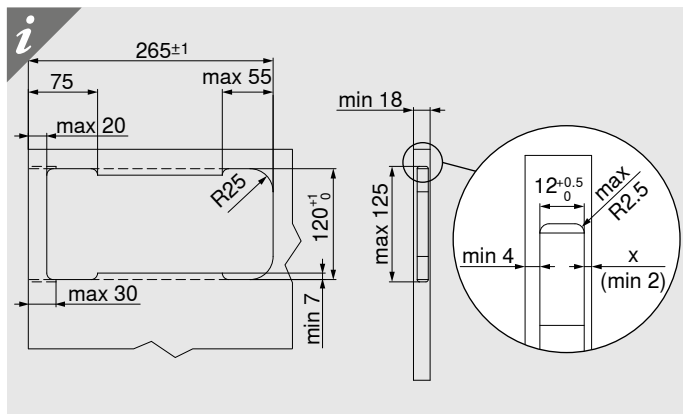
https://youtu.be/_SOTzMhMtxU?feature=shared



Minimum requirements and conditions

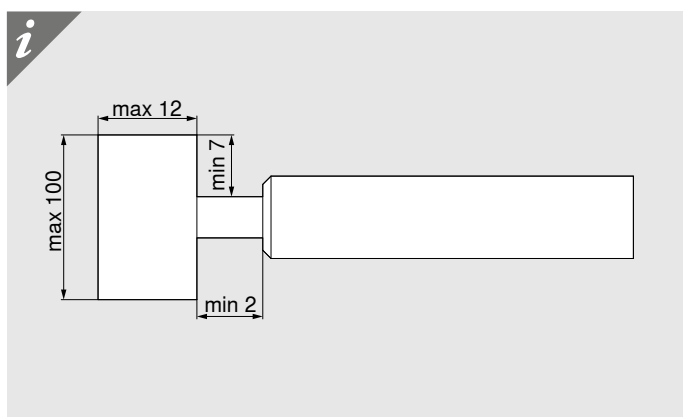
The following technical conditions must be taken into account for this application:

- The minimum and maximum dimensions shown on the drawing must be observed.
- The minimum drilling distance for the front fixing bracket must be observed.
- The lift mechanisms must be installed at right angles to the cabinet front edge.



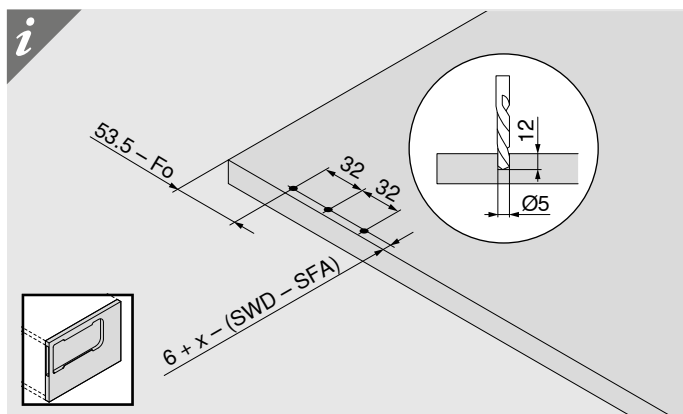
x	Outer residual material
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Required T-slot cutter to produce shoulder at top and bottom (illustration)



Calculating the position of the front fixing bracket

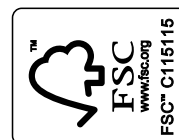
$6 + x - (SWD - SFA)$ -> applies to wooden fronts and aluminium frames



SFA	Side front overlay
SWD	Cabinet side panel thickness
Fo	Top gap
x	Outer residual material

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