

It all hinges on excellence.

SIMONSWERK

New!

- ✓ load capacity up to 100 kg
- ✓ features such as TE 340 3D
 - same external/
connection dimensions
 - same milling
 - identical product
appearance

TECTUS TE 440 3D

The completely concealed hinge system up to 100 kg



TECTUS TE 440 3D

100 kg load capacity. 100 % proven.

More options for flush doors up to 100 kg:

The completely concealed door hinge TE 440 3D comes with the identical milling pattern and familiar appearance of the TE 340 3D but offers significantly more load capacity – without any visual differences. This means that doors weighing up to 100 kg can also be integrated easily and in keeping with the style, such as lighter fire or soundproof doors. But the hinge offers much more than that.

TE 440 3D is an addition to our proven product brand TECTUS. With a load capacity of up to 100 kg, it is specifically designed to bridge the gap between the TE 340 3D with load capacity up to 80 kg and the TE 540 3D with load capacity up to 120 kg.

The new TE 440 3D achieves a load capacity of up to 100 kg with only two hinges per door. This ensures high efficiency in processing, installation, and performance.

Thanks to its flush and linear design, the completely concealed hinge system TE 440 3D seamlessly integrates with a uniform appearance within the architecture, like all products in the TECTUS brand. And since all finishes in the product brand also apply here, the TE 440 3D door hinge blends seamlessly into the interior design of the building.

TECTUS TE 440 3D – the advantages at a glance

- Higher load capacity: 25 % higher load capacity within the same installation space as the TE 340 3D
- Easy installation: Identical milling and external/connection dimensions as the TE 340 3D and uses the same jig technology
- Variety of finishes: All finishes of the TECTUS product brand are available

Product features at a glance

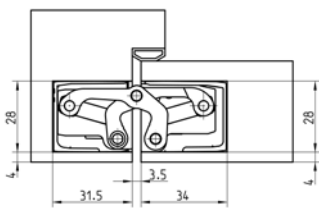
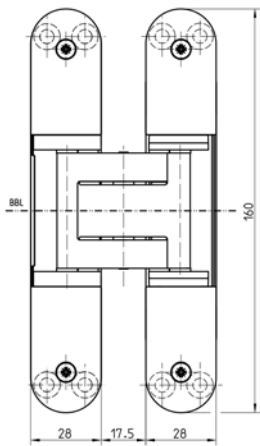
- load capacity 100 kg
- completely concealed hinge system
- comfortable 3D adjustment
- with an opening angle of 180°
- for unrebutted doors
- for timber, steel and aluminium frames
- with maintenance-free slide bearing technology



TECTUS

TE 440 3D

for unrebated heavy-duty doors



hinge		up to 100 kg
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Product features

- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- sideways closed hinge body for an aesthetically pleasing mortise appearance
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Technical details

load capacity	i two hinges per door leaf (1x2m)	100.0 kg
overall length		160.0 mm
width (frame part)		28.0 mm
width (door part)		28.0 mm
cutter diameter		24.0 mm
opening angle		180°

Finishes

Polished brass (SW 030), Polished nickelled (SW 038), Satin brass (SW 047), RAL 9016 Traffic White (SW 070), RAL 9005 Matte Black (SW 107), Satin Chrome Look (F1) (SW 124), Satin Nickel Look (F2) (SW 125), Stainless Steel Look (SSL) (SW 126), Satin Nickel (SW 144), Satin Chrome (SW 146), Rustic Umber (SW 156), Bronze Metallic (SW 168), Bronze Finish (SW 174), Bronze Finish light (SW 175), Bronze Finish dark (SW 176), other finishes available upon request

Combination

receiver	casing frame	TE 340 3D FZ
	steel frame	TE 340 3D SZ
	steel door	TE 340 3D ST

Installation tools

jig		universal milling frame
		drilling jig TECTUS TE 340 3D
step 1	template	No. 5 250693 5
step 2	template	No. 5 250694 5

Functional areas

fire resistance, smoke resistance, burglar resistance

Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (1x2 m).
With an opening position of 180° the door may have to be fixed additionally.
The suitability for fire doors depends on the door construction.

Classification key

EN 1935 / EAD

4	7	5	0*1	1	—*2	1	12
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*1 Test evidence for functional doors to be achieved with full door sets and assemblies.

*2 depending on the finish

Quality marks



Functional areas



SIMONSWERK

TECTUS TE 440 3D

The completely concealed hinge up to 100 kg

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