

TE 645 3D

for unrebuted high performance heavy-duty doors



Product features

- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebuted high performance 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 data

Property	Value
Load capacity	300.0 kg
Width (door part)	34.0 mm
Length (door part)	260.0 mm
Width (frame part)	36.0 mm
Length (frame part)	280.0 mm
Min. door thickness	43.0 mm
Cutter diameter	24.0 mm
Collar ring diameter	30.0 mm
Opening angle	180°

Quality marks



CE certification



IFT certification

Classification code

EN 1935 / EAD

4	7	7	1 ^{*1}	1	— ^{*2}	1	14
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^{*1} Test evidence for functional doors to be achieved with full door sets and assemblies.

^{*2} depending on the finish

TECTUS - TE 645 3D**Notes**

The load capacity mentioned above refers to two hinges per door leaf (1 x 2 m). Also the load capacities of the respective combined receiver have to be taken into consideration. For detailed information please look at the chapter [technical information](#).

Application on steel frames is subject to special frame facings.

With an opening position of 180° the door may have to be fixed additionally.

The suitability for fire doors depends on the door construction.

Installation tools

Universal milling frame
long

Template 5 250945 5

Template 5 250946 5

Template 5 250947 5

Template 5 250948 5

frame, step 1

frame, step 2

door, step 1

door, step 2

Combinations

TE 645 3D SZ

TE 645 3D ST

Function range

burglar
resistance



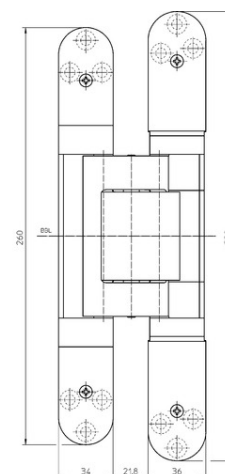
fire resistance



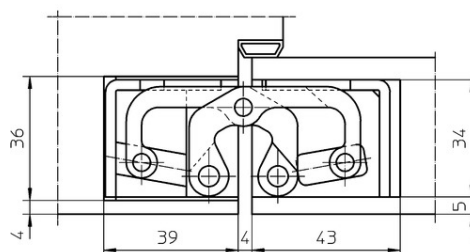
smoke
resistance



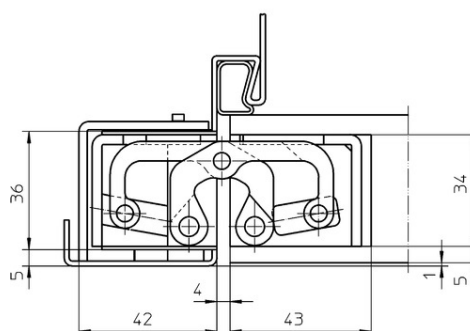
soundproof



front view



block frame

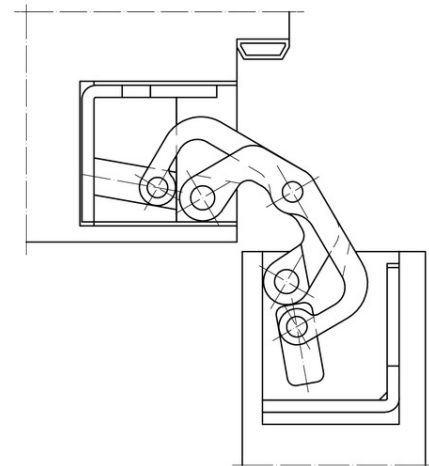


steel frame

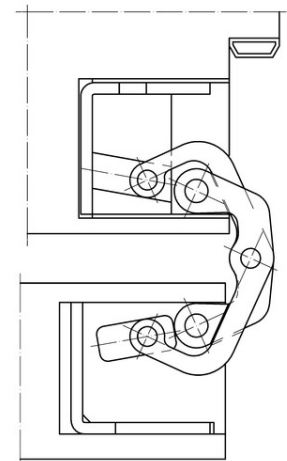
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Item versions

Finish	Satin brassed (SW 047)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400634 0 04702
ITEM NO. (SAP)	500003845
EAN	4015471130831
Finish	RAL 9005 Matt Black (SW 107)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400634 0 10702
ITEM NO. (SAP)	500003847
EAN	4015471130848
Finish	Satin Chrome Look (F1) (SW 124)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400634 0 12402
ITEM NO. (SAP)	500003848
EAN	4015471110741
Finish	Satin Nickel Look (F2) (SW 125)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400634 0 12502
ITEM NO. (SAP)	500003849
EAN	4015471119386
Finish	Stainless Steel Look (SSL) (SW 126)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400634 0 12602
ITEM NO. (SAP)	500003850
EAN	4015471110758



block frame 90°



block frame 180°