

TE 541 3D FVZ

for unrebutted residential and heavy-duty doors with recessed frames



Product features

- FVZ = recessed frames
- recessed frames up to 14 mm
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebutted residential and 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	100.0 kg
Overall length	185.0 mm
Width (door part)	28.0 mm
Width (frame part)	28.0 mm
Min. door thickness	42.0 mm
Cutter diameter	24.0 mm
Collar ring diameter	30.0 mm
Opening angle	180°

Quality marks



CE certification

warringtonfire

Warringtonfire tested

certifire

Certifire certification



IFT certification

Classification code

EN 1935 / EAD

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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 541 3D FVZ**Notes**

The load capacity mentioned above refers to the use of 2 hinges per door leaf (1 x 2 m), for detailed information please look at the chapter [technical information](#).

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

Template 5 250682 5

frame, step 3

Template 5 250942 5

frame / door, step 1

Template 5 250943 5

frame / door, step 2

Template 5 250944 5

door, step 3

Template 5 251169 5

frame, step 3, without cladding

Combinations

TE 541 3D FVZ FZ

TE 541 3D FVZ SZ

TE 541 3D FVZ ST

Function range

fire resistance



smoke
resistance

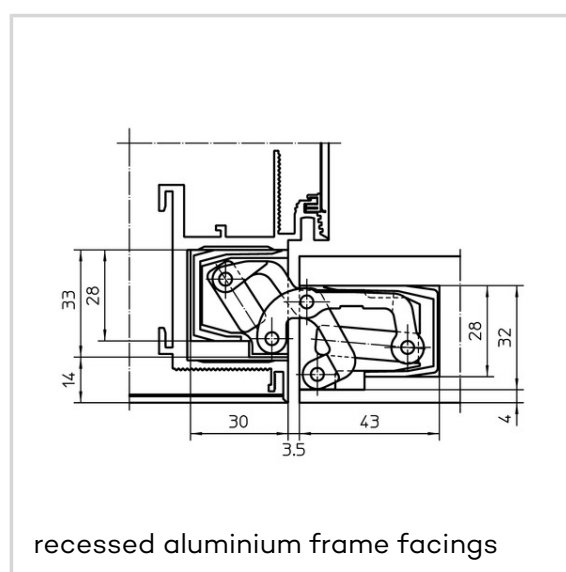
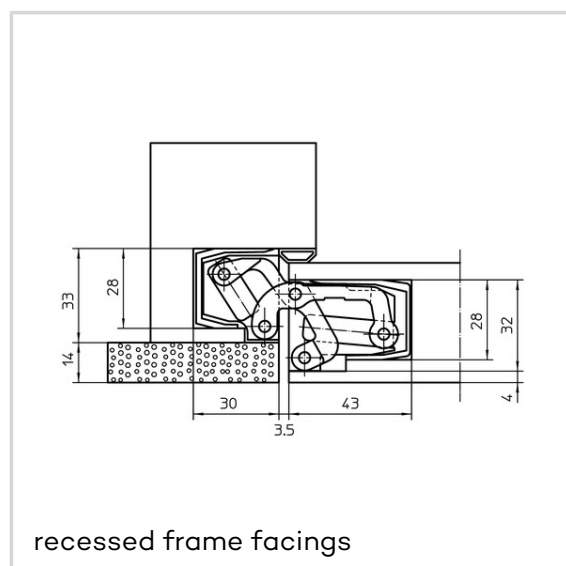
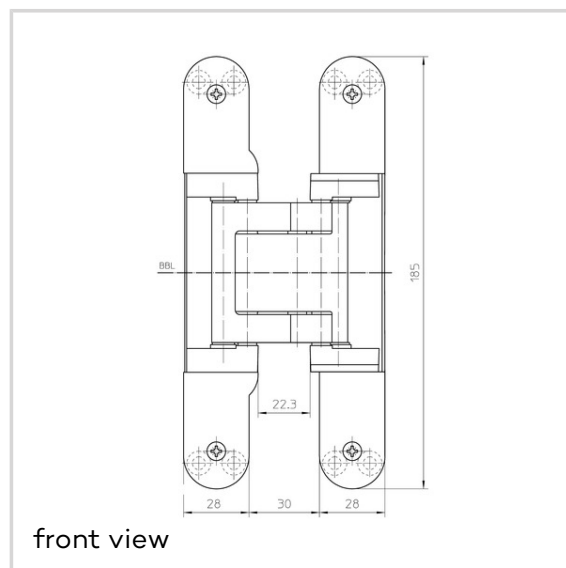


soundproof

Item versions

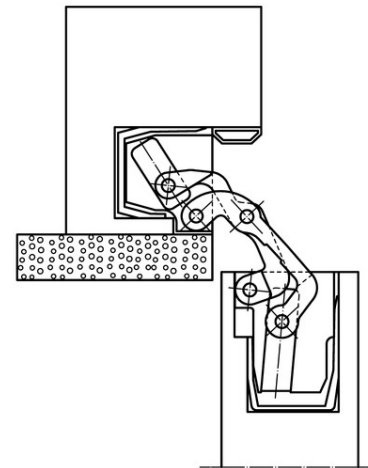
Finish

Polished brass (SW)

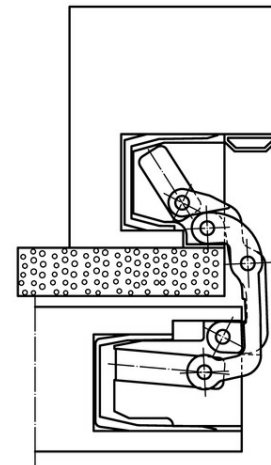


TECTUS - TE 541 3D FVZ

VPE	030)
DIN	pack of 2
ITEM NO.	DIN right and left hand
ITEM NO. (SAP)	5 400631 0 03002
EAN	500003829
	4015471122782
Finish	Polished nickelled (SW 038)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 03802
ITEM NO. (SAP)	500003830
EAN	4015471120047
Finish	Satin brassed (SW 047)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 04702
ITEM NO. (SAP)	500003831
EAN	4015471133658
Finish	RAL 9016 Traffic White (SW 070)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 07002
ITEM NO. (SAP)	500003832
EAN	4015471122799
Finish	RAL 9005 Matt Black (SW 107)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 10702
ITEM NO. (SAP)	500003834
EAN	4015471122805
Finish	Satin Chrome Look (F1) (SW 124)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 12402
ITEM NO. (SAP)	500003835



recessed frame facings 90°



recessed frame facings 180°

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EAN	4015471110130
Finish	Satin Nickel Look (F2) (SW 125)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 12502
ITEM NO. (SAP)	500003836
EAN	4015471119263
Finish	Stainless Steel Look (SSL) (SW 126)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 12602
ITEM NO. (SAP)	500003837
EAN	4015471110147
Finish	Satin Nickel (SW 144)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 14402
ITEM NO. (SAP)	500003838
EAN	4015471122812
Finish	Satin Chrome (SW 146)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 14602
ITEM NO. (SAP)	500003839
EAN	4015471122829
Finish	Rustic Umber (SW 156)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 15602
ITEM NO. (SAP)	500003840
EAN	4015471119423
Finish	Bronze Metallic (SW 168)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 16802

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ITEM NO. (SAP)	500003841
EAN	4015471122379
Finish	Bronze Finish (SW 174)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 17402
ITEM NO. (SAP)	500003842
EAN	4015471134044
Finish	Bronze Finish light (SW 175)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 17502
ITEM NO. (SAP)	500003843
EAN	4015471138158
Finish	Bronze Finish dark (SW 176)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400631 0 17602
ITEM NO. (SAP)	500003844
EAN	4015471131838