TE 541 3D FVZ

For flush residential and commercial doors with recessed frame facings



Product features

- FVZ = for 14.0 mm (0.551") recessed frame facings
- Completely concealed hinge system
- For wood, steel, or aluminum door panels and frames
- For flush residential and commercial doors
- Finger protection due to a small gap between door and frame
- Easily adjustable in three dimensions (side +/- 3.0 mm (0.118"), height +/- 3.0 mm (0.118"), compression +/- 1.0 mm (0.039"))
- Maintenance-free slide bearings

Technical data

Property	Value
Load capacity	100.0 kg (220.0 lbs.)
Overall length	185.0 mm (7.283")
Width (door part)	28.0 mm (1.102")
Width (frame part)	28.0 mm (1.102")
Min. door thickness	42.0 mm (1.653")
Cutter diameter	24.0 mm
Collar ring diameter	30.0 mm
Opening angle	180°

Quality marks

Certification CE

Warringtonfire tested

Certification IFT

Classification key

EN 1935 / EAD

4	7	5	1 *1	1	— *2	0	12

*1 Test evidence for functional doors to be achieved with full door sets and assemblies.

*2 depending on the finish

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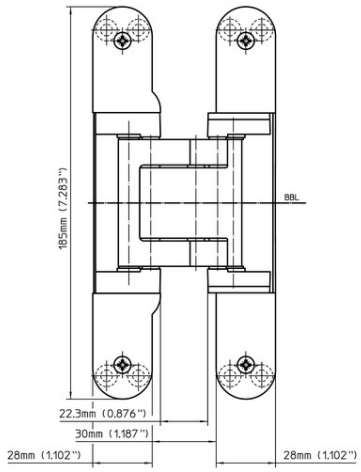
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Notes

The load capacity mentioned above refers to the use of 2 hinges per door leaf with a height/width ratio of 2:1.

Typical use with door thickness of 44 mm (1-3/4"), but can also be used with higher thicknesses.

Alternatively, the routing can be carried out with a cutter diameter of 3/4" and a collar ring diameter of 1" for imperial templates.

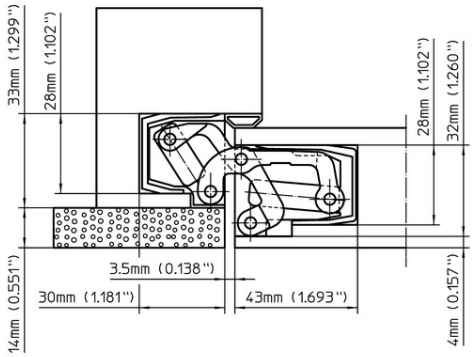


front view

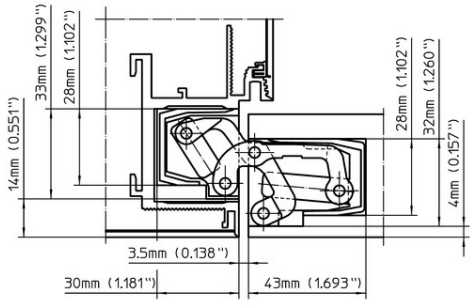
Installation tools

Universal milling frame

Template 5 250682 5	24 mm router bit / 30 mm collar ring (frame, step 3)
Template 5 250942 5	24 mm router bit / 30 mm collar ring (frame / door, step 1)
Template 5 250943 5	24 mm router bit / 30 mm collar ring (frame / door, step 2)
Template 5 250944 5	24 mm router bit / 30 mm collar ring (door, step 3)
Template 5 251068 5	3/4" router bit / 1" collar ring (frame, step 3)
Template 5 251071 5	3/4" router bit / 1" collar ring (frame / door, step 1)
Template 5 251072 5	3/4 router bit / 1 collar ring (frame / door, step 2)
Template 5 251073 5	3/4" router bit / 1" collar ring (door, step 3)
Template 5 251169 5	24 mm router bit / 30 mm collar ring (door, step 3 (without cladding))



recessed frame facings



recessed aluminum frame

Combinations

TE 541 3D FVZ FZ
TE 541 3D FVZ SZ
TE 541 3D FVZ ST

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Function range

Soundproof

Item versions

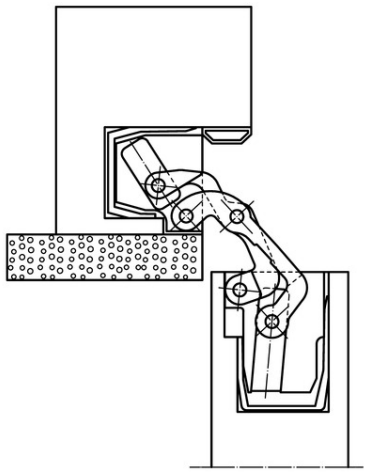
Finish	Polished Brass (SW 030)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 03002
ITEM NO. (SAP)	500003829
EAN	4015471122782

Finish	Polished Nickel (SW 038)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 03802
ITEM NO. (SAP)	500003830
EAN	4015471120047

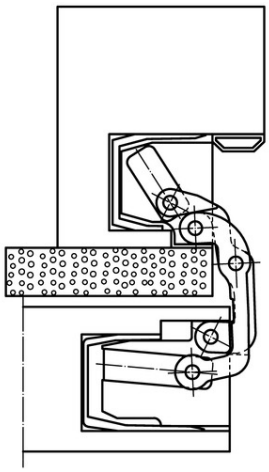
Finish	Satin Brass (SW 047)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 04702
ITEM NO. (SAP)	500003831
EAN	4015471133658

Finish	RAL 9016 Traffic White (SW 070)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 07002
ITEM NO. (SAP)	500003832
EAN	4015471122799

Finish	RAL 9005 Matte Black (SW 107)
VPE	pack of 2
DIN	non-handed



recessed frame facings 90°



recessed frame facings 180°

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ITEM NO.	5 400631 0 10702
ITEM NO. (SAP)	500003834
EAN	4015471122805

Finish	Satin Chrome Look (F1) (SW 124)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 12402
ITEM NO. (SAP)	500003835
EAN	4015471110130

Finish	Satin Nickel Look (F2) (SW 125)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 12502
ITEM NO. (SAP)	500003836
EAN	4015471119263

Finish	Stainless Steel Look (SSL) (SW 126)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 12602
ITEM NO. (SAP)	500003837
EAN	4015471110147

Finish	Satin Nickel (SW 144)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 14402
ITEM NO. (SAP)	500003838
EAN	4015471122812

Finish	Satin Chrome (SW 146)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 14602
ITEM NO. (SAP)	500003839
EAN	4015471122829

Finish	Rustic Umber (SW 156)
VPE	pack of 2

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DIN	non-handed
ITEM NO.	5 400631 0 15602
ITEM NO. (SAP)	500003840
EAN	4015471119423

Finish	Bronze Metallic (SW 168)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 16802
ITEM NO. (SAP)	500003841
EAN	4015471122379

Finish	Bronze Finish (SW 174)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 17402
ITEM NO. (SAP)	500003842
EAN	4015471134044

Finish	Bronze Finish Light (SW 175)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 17502
ITEM NO. (SAP)	500003843
EAN	4015471138158

Finish	Bronze Finish Dark (SW 176)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400631 0 17602
ITEM NO. (SAP)	500003844
EAN	4015471131838

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