TE 540 3D

For flush commercial doors



Product features

- Completely concealed hinge system
- For wood, steel, or aluminum door panels and frames
- For flush 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
- UL listed for 20 minute fire door

Quality marks

Certification CE

Certification IFT

Certification UL

Warringtonfire tested

Certification UL (Canada)

Technical data

Property	Value
Load capacity	120.0 kg (264.0 lbs.)
Overall length	200.0 mm (7.874")
Width (door part)	32.0 mm (1.260")
Width (frame part)	32.0 mm (1.260")
Min. door thickness	40.0 mm (1.574")
Cutter diameter	24.0 mm
Collar ring diameter	30.0 mm
Opening angle	180°

Classification key

EN 1935 / EAD

4	7	6	1 *1	1	— *2	1	13

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

*2 depending on the finish

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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.

For a minimum door panel thickness of 40 mm (1-5/8").

For fire rated doors: Check with door manufacturer regarding the usage of additional required intumescent material.

Square-corner cover plates are available upon request.

The load capacity shall be reduced by 20% when installed in combination with a door closer.

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

Installation tools

Universal milling frame

Template 5 250680 5	24 mm router bit / 30 mm collar ring (step 1)
Template 5 250681 5	24 mm router bit / 30 mm collar ring (step 2)
Template 5 251060 5	3/4" router bit / 1" collar ring (step 1)
Template 5 251061 5	3/4" router bit / 1" collar ring (step 2)

Combinations

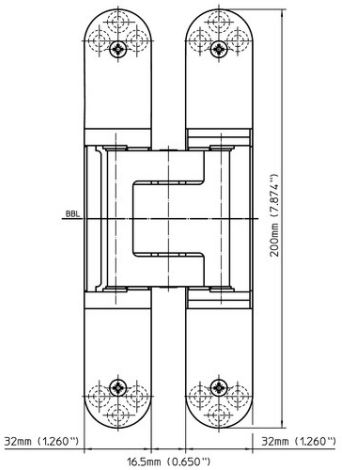
TE 540 3D FZ
TE 540 3D SZ
TE 540 3D ST

Function range

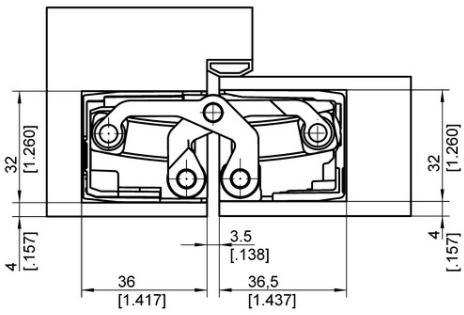
Forced Entry

Fire Resistant

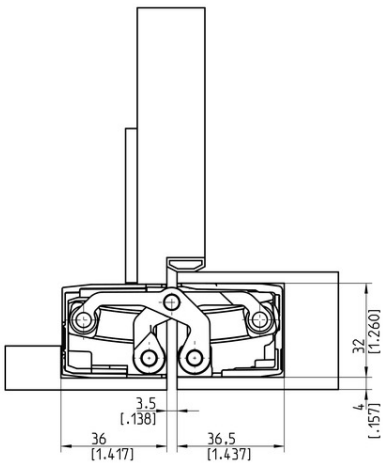
Smoke Resistant



front view



commercial wood frame



casing wood frame

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Resistant



Soundproof

Item versions

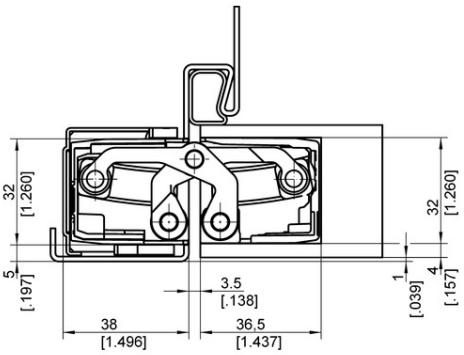
Finish	Polished Brass (SW 030)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 03002
ITEM NO. (SAP)	500003917
EAN	4015471126162

Finish	Polished Nickel (SW 038)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 03802
ITEM NO. (SAP)	500003919
EAN	4015471126179

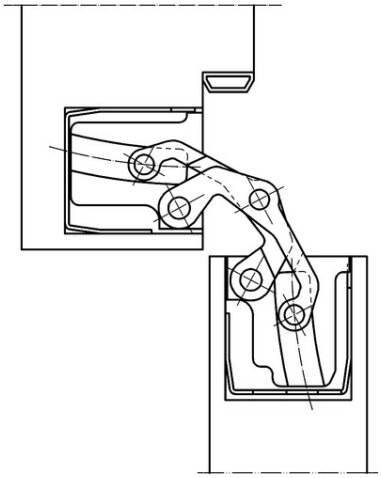
Finish	Satin Brass (SW 047)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 04702
ITEM NO. (SAP)	500003920
EAN	4015471131814

Finish	RAL 9016 Traffic White (SW 070)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 07002
ITEM NO. (SAP)	500003921
EAN	4015471126131

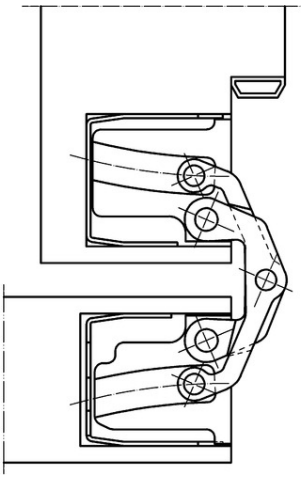
Finish	RAL 9005 Matte Black (SW 107)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 10702
ITEM NO. (SAP)	500003924



hollow metal frame



commercial wood frame 90°



commercial wood frame 180°

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EAN	4015471126094

Finish	Satin Chrome Look (F1) (SW 124)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 12402
ITEM NO. (SAP)	500003925
EAN	4015471125554

Finish	Satin Nickel Look (F2) (SW 125)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 12502
ITEM NO. (SAP)	500003926
EAN	4015471126070

Finish	Stainless Steel Look (SSL) (SW 126)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 12602
ITEM NO. (SAP)	500003927
EAN	4015471126209

Finish	Satin Nickel (SW 144)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 14402
ITEM NO. (SAP)	500003928
EAN	4015471126254

Finish	Satin Chrome (SW 146)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 14602
ITEM NO. (SAP)	500003929
EAN	4015471126261

Finish	Rustic Umber (SW 156)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 15602

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ITEM NO. (SAP)	500003930
EAN	4015471126148

Finish	Bronze Metallic (SW 168)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 16802
ITEM NO. (SAP)	500003931
EAN	4015471126155

Finish	Bronze Finish (SW 174)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 17402
ITEM NO. (SAP)	500003932
EAN	4015471126223

Finish	Bronze Finish Light (SW 175)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 17502
ITEM NO. (SAP)	500003933
EAN	4015471126230

Finish	Bronze Finish Dark (SW 176)
VPE	pack of 2
DIN	non-handed
ITEM NO.	5 400687 0 17602
ITEM NO. (SAP)	500003934
EAN	4015471126247

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