

TE 540 3D

for unrebated heavy-duty doors



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 data

Property	Value
Load capacity	120,0 kg
Overall length	200,0 mm
Width (door part)	32,0 mm
Width (frame part)	32,0 mm
Cutter diameter	24,0 mm
Collar ring diameter	30,0 mm
Opening angle	180°

Notes

Quality marks



CE certification



IFT certification

warringtonfire

Warringtonfire tested



UL certification

Classification code

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

TECTUS - TE 540 3D

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 250680 5

step 1

Template 5 250681 5

step 2

Combinations

TE 540 3D FZ

TE 540 3D SZ

TE 540 3D ST

Function range

burglar
resistance



fire resistance



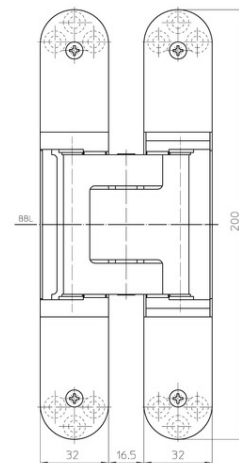
smoke
resistance



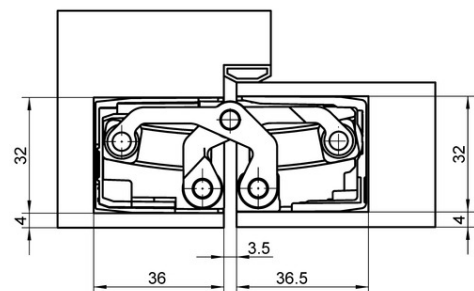
soundproof

Item versions

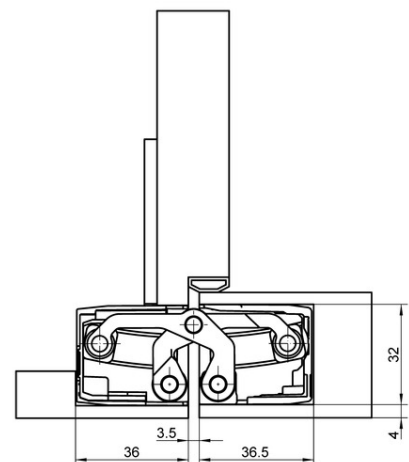
Finish	Polished brass (SW 030)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 03002
ITEM NO. (SAP)	500003917



front view



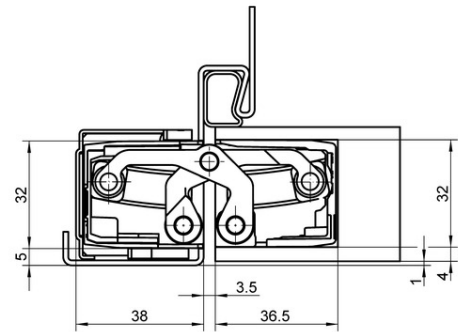
block frame



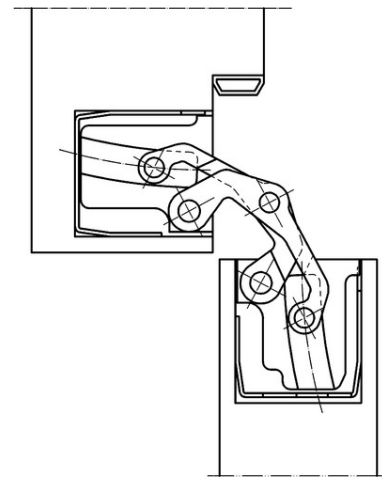
casing frame

TECTUS - TE 540 3D

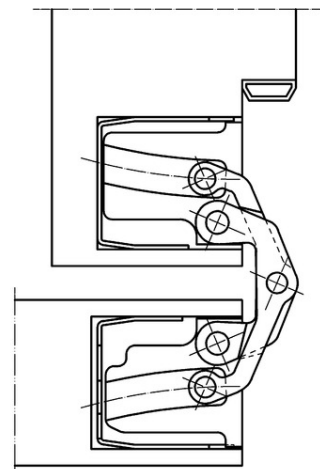
EAN	4015471126162
Finish	Polished nickelled (SW 038)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 03802
ITEM NO. (SAP)	500003919
EAN	4015471126179
Finish	Satin brassed (SW 047)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 04702
ITEM NO. (SAP)	500003920
EAN	4015471131814
Finish	RAL 9016 Traffic White (SW 070)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 07002
ITEM NO. (SAP)	500003921
EAN	4015471126131
Finish	RAL 9005 Matte Black (SW 107)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 10702
ITEM NO. (SAP)	500003924
EAN	4015471126094
Finish	Satin Chrome Look (F1) (SW 124)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 12402
ITEM NO. (SAP)	500003925
EAN	4015471125554
Finish	Satin Nickel Look (F2) (SW 125)
VPE	pack of 2
DIN	DIN right and left hand



steel frame



block frame 90°



block frame 180°

TECTUS - TE 540 3D

ITEM NO.	5 400687 0 12502
ITEM NO. (SAP)	500003926
EAN	4015471126070
Finish	Stainless Steel Look (SSL) (SW 126)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 12602
ITEM NO. (SAP)	500003927
EAN	4015471126209
Finish	Satin Nickel (SW 144)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 14402
ITEM NO. (SAP)	500003928
EAN	4015471126254
Finish	Satin Chrome (SW 146)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 14602
ITEM NO. (SAP)	500003929
EAN	4015471126261
Finish	Rustic Umber (SW 156)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 15602
ITEM NO. (SAP)	500003930
EAN	4015471126148
Finish	Bronze Metallic (SW 168)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 16802
ITEM NO. (SAP)	500003931
EAN	4015471126155
Finish	Bronze Finish (SW 174)
VPE	pack of 2
DIN	DIN right and left hand

TECTUS - TE 540 3D

ITEM NO.	5 400687 0 17402
ITEM NO. (SAP)	500003932
EAN	4015471126223
Finish	Bronze Finish light (SW 175)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 17502
ITEM NO. (SAP)	500003933
EAN	4015471126230
Finish	Bronze Finish dark (SW 176)
VPE	pack of 2
DIN	DIN right and left hand
ITEM NO.	5 400687 0 17602
ITEM NO. (SAP)	500003934
EAN	4015471126247