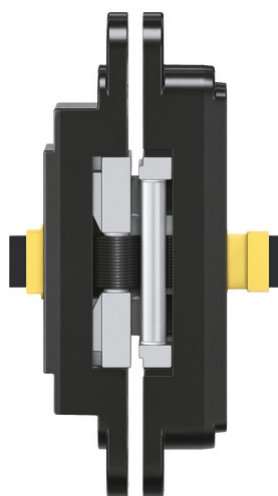


TE 540 3D Energy

with permanent energy transfer for unrebated heavy-duty doors



Product features

- with permanent energy transfer
- individual connection adapter options
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- 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
Min. door thickness	40.0 mm
Cutter diameter	24.0 mm
Collar ring diameter	30.0 mm
Opening angle	180°
Wire cross section	0.14 mm ²

Quality marks



CE certification



IFT certification



UL certification



Certifire certification

Classification code

EN 1935 / EAD

4	7	6	1 ^{*1}	1	— ^{*2}	1	13
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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 540 3D Energy

Max. voltage	50 V
No of wires	16
Max. current	0.8 A

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](#).

When ordering the accessories please consider: There are two connection adapters TECTUS Energy needed per hinge. A connection plan can be downloaded.

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

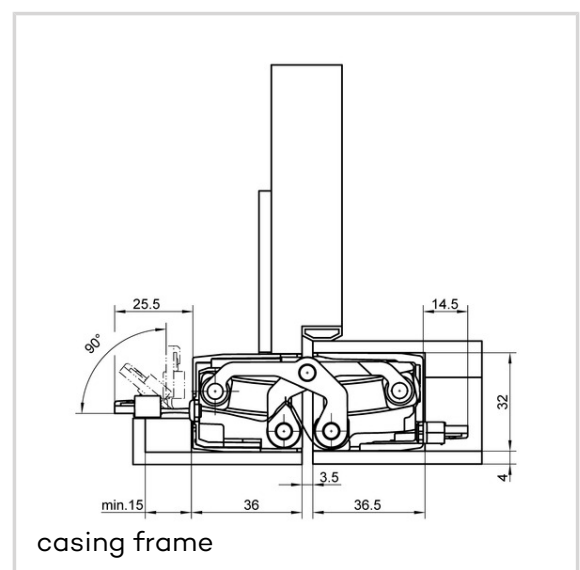
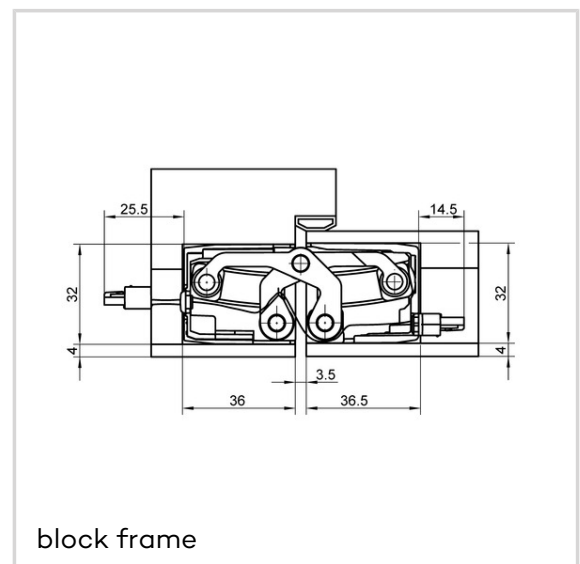
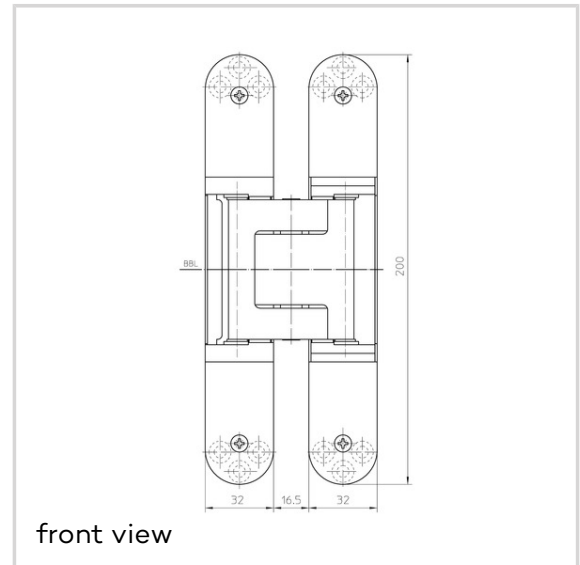
The suitability for fire doors depends on the door construction.

Installation tools

Universal milling frame	
Template 5 250680 5	step 1
Template 5 250681 5	step 2
Template 5 250939 5	additional routing Energy

Combinations

TE 540 3D FZ
 TE 540 3D SZ
 TE 540 3D ST
 Plug-in screw TE Type 1
 Adapter 1 TECTUS Energy
 Universal adapter TECTUS Energy
 Round cable 3m TECTUS Energy
 Round cable 10m TECTUS Energy
 Adapter set 20 TECTUS Energy
 Adapter set 21 TECTUS Energy

Function range

TECTUS - TE 540 3D Energy

burglar
resistance



fire resistance



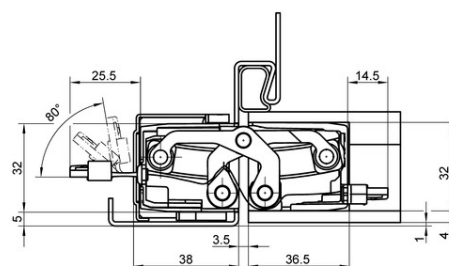
smoke
resistance



soundproof

Item versions

Finish	RAL 9005 Matt Black (SW 107)
VPE	pack of 1
DIN	DIN right and left hand
ITEM NO.	5 400690 0 10701
ITEM NO. (SAP)	500003936
EAN	4015471141424
Finish	Satin Chrome Look (F1) (SW 124)
VPE	pack of 1
DIN	DIN right and left hand
ITEM NO.	5 400690 0 12401
ITEM NO. (SAP)	500003937
EAN	4015471126407
Finish	Stainless Steel Look (SSL) (SW 126)
VPE	pack of 1
DIN	DIN right and left hand
ITEM NO.	5 400690 0 12601
ITEM NO. (SAP)	500003939
EAN	4015471126414



steel frame