

TE 540 3D A8 Energy

with permanent energy transfer for unrebated heavy-duty doors with claddings of up to 8 mm

hinge

Technical details

load capacity	100,0 kg
overall length	200,0 mm
width (door)	32,0/37,0 mm
width (frame)	32,0/37,0 mm
cutter diameter	24,0 mm
opening angle	180° degree
no. of wires	16 No. of wires
wire cross section	0,14 mm
max. voltage	60 V
max. current	0,8 A

descriptive text

SIMONSWERK TECTUS hinge TE 540 3D A8 Energy with integrated and permanent energy transfer for doors with claddings of up to 8 mm. Completely concealed for unrebated doors with timber, steel and aluminium frames. Comfortable 3D adjustment, load capacity up to 100 kg, opening angle up to 180°, overall length 200 mm, right hand and left hand applicable, maintenance-free slide bearings, three-dimensionally adjustable: side +/- 3,0 mm, height +/- 3,0 mm, compression +/- 1,5 mm. Finish...

Note

The load capacity mentioned above refers to the use of 2 hinges per door leaf (1 x 2 m).

Scope of supply

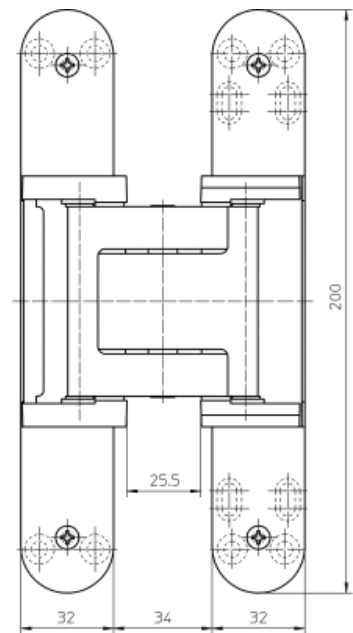
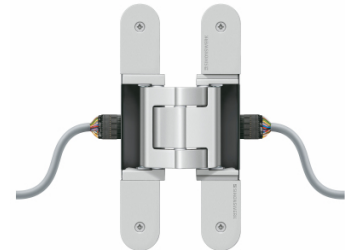
Special ribbon cable with plug connection to round cable at both ends. Cable set consists of 2 round cabled both with reverse-polarity-protected connecting socket for the special ribbon cable (2 x round cable 3,0 m), opposite cable ends open.

Product features

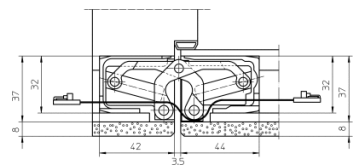
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- maintenance-free slide bearings
- with comfortable 3D adjustment (side +/- 3,0 mm, height +/- 3,0 mm, compression +/- 1,0 mm)
- cladding up to 8 mm
- with permanent energy transfer

Functional areas

fire resistance, smoke resistance, soundproof und burglar resistance



front view



block frame

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hinge	
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Quality marks



Combination

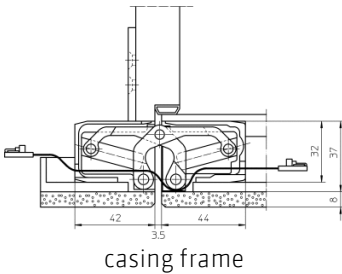
accessories	cover plate set TECTUS A8 radius
receiver	TE 540 3D FZ/1 TE 540 3D A8 SZ

installation tools

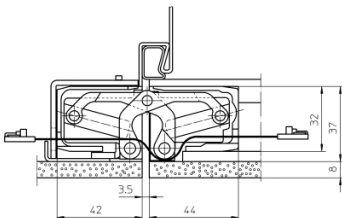
universal milling frame	
template 5 250680 5	step 1
template 5 250681 5	step 2
template 5 250682 5	step 3
template 5 250687 5	step 3 (without cladding)
template 5 250939 5	flat line routing energy

Items (DIN reference: DIN right and left hand)

finishes(es)	powder-coated 124
packing unit	pack of 1
item number	5 400624 0 12401
finishes(es)	F1-coloured 126
packing unit	pack of 1
item number	5 400624 0 12601



casing frame



steel frame

While every due care has been taken, we cannot be held responsible for errors, omissions or defects.
We kindly ask for your understanding.