

SIMONSWERK
TECTUS®

**BRIDGEPORT
WORLDWIDE**

FOR A DEALER IN THE U.S.
CALL 1-800-362-1484

TE 540 3D A8 Energy

with continuous energy transfer for flush heavy-duty doors with claddings of up to 8 mm (0.315") - with new snap-fitting connection

hinge

Technical details

load capacity	220 lbs
overall length	7.874 "
width (door)	1.260/1.457 "
width (frame)	1.260/1.457 "
cutter diameter	0.945 "
opening angle	180° degree
no. of wires	16 No. of wires
wire cross section	0.006 "
max. voltage: 50 V (voltage source acc. SELV-DIN EN 61140)	
max. current	0,8 A

descriptive text

SIMONSWERK TECTUS TE 540 3D A8 Energy hinge with integrated and continuous energy transfer for doors with claddings of up to 8 mm (0.315"). Completely concealed for flush doors with wood, steel and aluminum frames. User-friendly 3-way adjustments, load capacity up to 100 kg (220 lbs), opening angle up to 180°, overall length 200 mm (7.874"), non-handed, maintenance-free slide bearings, three-dimensionally adjustable: side +/- 3.0 mm (0.118"), height +/- 3.0 mm (0.118"), compression +/- 1,5 mm (0.059"). Finish...

Note

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

Please specify accessories when ordering.

Product features

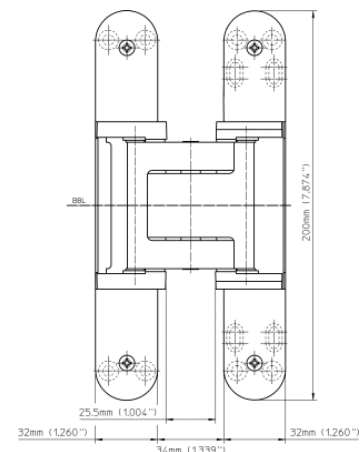
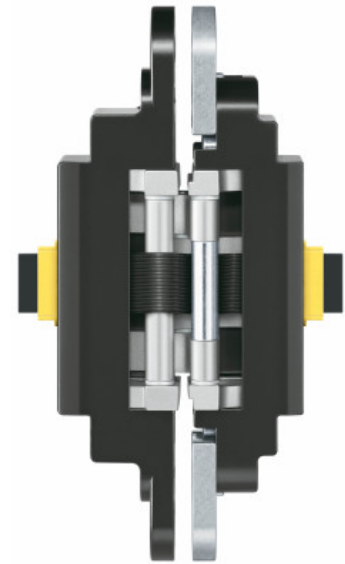
completely concealed hinge system
for wood, steel or aluminum frames
for flush commercial doors
maintenance-free slide bearings
easily 3D adjustable (side +/- 3.0 mm (0.118"), height +/- 3.0 mm (0.118"),
compression +/- 1.0 mm (0.039"))
with continuous energy transfer
individual connection adapter options

Functional areas

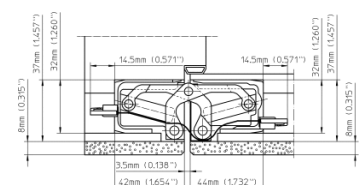
fire resistance, smoke resistance, soundproof und forced entry resistance

Quality marks

www.simonswerk.com



front view



commercial wood frames

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hinge



Combination

accessories

cover plate set TECTUS
A8 radius
adapter 1 TECTUS Energy
universal
adapter TECTUS Energy
round cable TECTUS Energy

receivers

TE 540 3D FZ/1
TE 540 3D A8 SZ

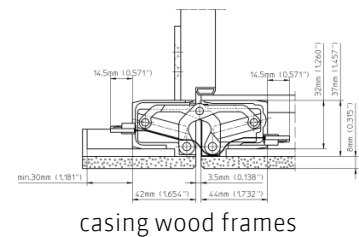
installation tools

universal milling frame

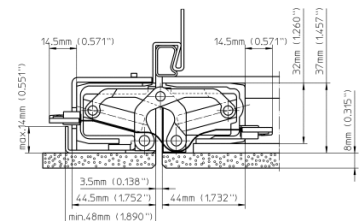
template 5 250680 5	step 1
template 5 250681 5	step 2
template 5 250682 5	step 3
template 5 250687 5	step 3 (without cladding)
template 5 250939 5	flat line routing energy

Items (DIN reference: non-handed)

Finish(es)	satın chrome look (F1)
packing unit	pack of 1
item number	5 400624 0 12401
Finish(es)	stainless steel look (SSL)
packing unit	pack of 1
item number	5 400624 0 12601



casing wood frames



hollow metal frames