

SIMONSWERK
TECTUS®

distributed in North America by :



1-800-362-1484
www.BridgeportWorldwide.com

TE 540 3D A8

For flush commercial doors with claddings up to 8 mm (0.315")

hinge	
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Technical Details

load capacity	220 lbs
overall length	7.874 "
width (door)	1.260/1.457 "
width (frame)	1.260/1.457 "
router bit Ø	3/4 "
opening angle	180° degree

Descriptive Text

SIMONSWERK TECTUS TE 540 3D A8 hinge for doors with claddings of up to 8 mm (0.315"). Completely concealed for flush doors with wood steel and aluminum frames. UL listed for 20 minute rated fire doors, with 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 +/- 1.0 mm (0.039"). Finish...

Note

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" plus cladding).
For fire rated doors: Check with door manufacturer regarding the usage of additional required intumescent material.
Cover plates for doors without without cladding are available upon request.
Square-corner cover plates are available upon request.

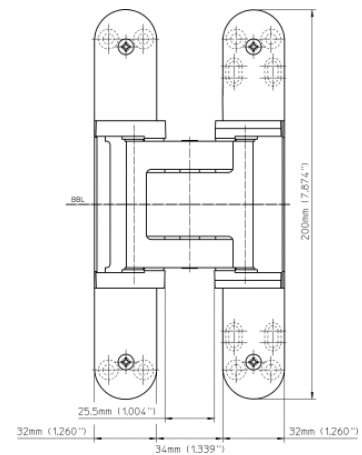
Product Features

Completely concealed hinge system
For wood, steel or aluminum door panels and frames
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

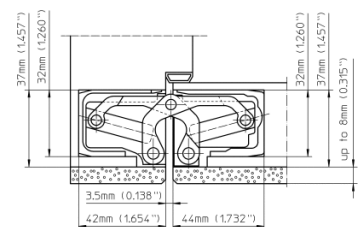
Functional Areas

fire resistance, smoke resistance, soundproof und forced entry resistance

Quality Marks



front view



commercial wood frames

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

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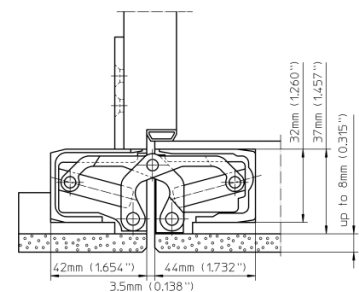
hinge

Combination

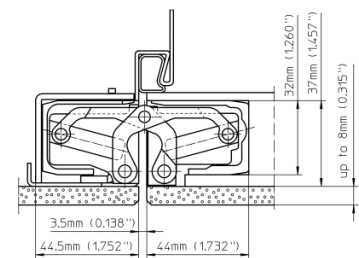
receivers	TE 540 3D FZ/1
receivers	TE 540 3D A8 SZ
receivers	TE 540 3D/540 3D A8 ST
accessories	cover plate set TECTUS A8 radius

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 250682 5	24 mm router bit / 30 mm collar ring (step 3)
template 5 250687 5	24 mm router bit / 30 mm collar ring (step 3 (without cladding))
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)
template 5 251069 5	3/4" router bit / 1" collar ring (step 3)
template 5 251096 5	3/4" router bit / 1" collar ring (step 3 without cladding)



casing wood frames



hollow metal frames

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Items (DIN Reference: non-handed)

Finish(es)	polished brass
packing unit	pack of 2
Item Number	5 400615 0 03002
Finish(es)	polished nickel
packing unit	pack of 2
Item Number	5 400615 0 03802
Finish(es)	traffic white - RAL 9016
packing unit	pack of 2
Item Number	5 400615 0 07002
Finish(es)	powder-coated
packing unit	EUR-pallet
Item Number	5 400615 0 07975
Finish(es)	matte deep black - RAL 9005
packing unit	pack of 2
Item Number	5 400615 0 10702
Finish(es)	satin chrome look (F1)
packing unit	pack of 2
Item Number	5 400615 0 12402
Finish(es)	satin nickel look (F2)
packing unit	pack of 2
Item Number	5 400615 0 12502
Finish(es)	stainless steel look (SSL)
packing unit	pack of 2
Item Number	5 400615 0 12602
Finish(es)	satin-nickel
packing unit	pack of 2
Item Number	5 400615 0 14402
Finish(es)	satin chrome
packing unit	pack of 2
Item Number	5 400615 0 14602
Finish(es)	rustic umber
packing unit	pack of 2
Item Number	5 400615 0 15602
Finish(es)	bronze metallic
packing unit	pack of 2
Item Number	5 400615 0 16802
Finish(es)	bronze finish
packing unit	pack of 2
Item Number	5 400615 0 17402
Finish(es)	bronze finish light
packing unit	pack of 2
Item Number	5 400615 0 17502
Finish(es)	bronze finish dark
packing unit	pack of 2
Item Number	5 400615 0 17602

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