SIMONSWERK TFCTUS®

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")

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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 3way 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 miniumum 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

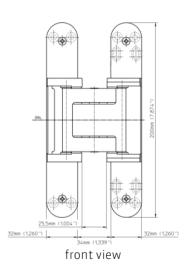


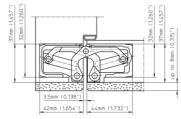












commercial wood frames

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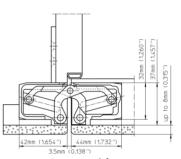
hinge

Combination

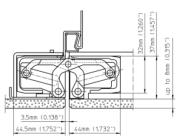
| receivers | TE 540 3D FZ/1 |
|-------------|-------------------------------------|
| receivers | TE 540 3D A8 SZ |
| receivers | TE 540 3D/540 3D A8 ST |
| accessories | cover plate set TECTUS A8 radius |

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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hinge

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