

TECTUS®

INTERIOR DOOR, EXTERIOR DOOR

TE 645 3D

for flush high performance commercial doors

| | | |
|--------------|--|-------------------------------|
| Hinge | | up to 300 kg (661 lbs) |
|--------------|--|-------------------------------|

Technical Data

| | |
|---------------------|-----------------------------|
| Load capacity | 300 kg (661 lbs) |
| Length (door/frame) | 260/280 mm (10.236/11.024") |
| Width (door/frame) | 34/36 mm (1.339/1.417") |
| Router bit diameter | 24 mm (0.945") |

Finish

satin chrome look (F1), stainless steel look (SSL), other finishes available upon request

Installation Tools

| | Special routing frame on request |
|---------------|----------------------------------|
| Frame, Step 1 | Template 5 250945 5 |
| Frame, Step 2 | Template 5 250946 5 |
| Door, Step 1 | Template 5 250947 5 |
| Door, Step 2 | Template 5 250948 5 |

Specification Text

SIMONSWERK TECTUS TE 645 3D hinge. Completely concealed for flush doors with wood, steel or aluminum frames. With user-friendly 3-way adjustments, load capacity up to 300 kg (661 lbs), opening angle up to 180°, overall length 280 mm (11.024"), non-handed, maintenance-free slide bearings, three-dimensionally adjustable: side +/- 3.0 mm (0.118") and height +/- 3.0 mm (0.118"), compression +/- 1.0 mm (0.039"). Finish...

Application Range

Soundproof, Forced Entry Resistance

Note

The load capacity mentioned above refers to the use of 2 hinges per door leaf (1 x 2 m (39.370 x 78.740")).

Finger protection due to a small gap between door and frame.

Use with a minimum door thickness of 44 mm (1 3/4"), but can also be used with higher thicknesses.

Receivers for steel doors upon request.

Templates for collar ring and router bits in inch on request.

