

TECTUS®

TE 645 3D

For flush high performance commercial doors

Hinge up to 300 kg (661 lbs.)

Product Features

- Completely concealed hinge system
- For wood, steel or aluminum door panels and frames
- For flush high performance commercial doors
- Finger protection due to a small gap between door and frame
- 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

The specification text can be downloaded from the PRODUCTSELECTOR at www.simonswerk-usa.com.

Technical Data

Load capacity	300 kg (661 lbs.)
Length (door)	260 mm (10.236")
Length (frame)	280 mm (11.024")
Width (door)	34 mm (1.339")
Width (frame)	36 mm (1.417")
Router bit / collar Ø	3/4" / 1"

Finishes

satin chrome look (F1) (124), stainless steel look (SSL) (126), other finishes available upon request

Combinations

Receiver/Reinforcement	Steel frame	TE 645 3D SZ
	Steel door	TE 645 3D ST

Installation Tools

Jig		Universal milling frame long
Frame, Step 1	routing template	No. 5 251064 5
Frame, Step 2	routing template	No. 5 251065 5
Door, Step 1	routing template	No. 5 251066 5
Door, Step 2	routing template	No. 5 251067 5

Application Range

Soundproof, Forced Entry Resistant

Note

The load capacity mentioned above refers to the use of 2 hinges per door leaf with a height/width ratio of 2:1 (see page 46 for further detail).

Use with a minimum door thickness of 44 mm (1-3/4"). Minimum door thickness of 51 mm (2") when used with steel frames.

Square-corner cover plates are available upon request - see page 34.

The load capacity may be reduced when installed in combination with a door closer.

For further information, please contact us.

