

TECTUS®

TE 526 3D

Manufactured of solid stainless steel for flush commercial doors

Hinge up to 120 kg (264 lbs.)

Product Features

- Solid non magnetic stainless steel (304 series) (marine grade 316 series upon request)
- Completely concealed hinge system
- For wood, steel or aluminum door panels and frames
- For flush commercial doors
- 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
- Finger protection due to a small gap between door and frame
- UL listed for 180 minute fire door

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

Technical Data

Load capacity	120 kg (264 lbs.)
Length	155 mm (6.102")
Width (door)	26 mm (1.024")
Width (frame)	26 mm (1.024")
Router bit / collar Ø	3/4" / 1"

Finishes

satin stainless steel (304 series)

Combinations

Receiver/Reinforcement	Commercial frame	Frame mounted
	Casing frame	TE 526 3D FZ/1
	Steel frame	TE 526 3D SZ
	Steel door	TE 526 3D ST
	Aluminum frame	Specified by manufacturer

Installation Tools

Jig	Universal milling frame
	Drilling jig TECTUS TE 526 3D
Frame/Door	routing template No. 5 251070 6

Application Range

Fire Resistant, Smoke Resistant, Soundproof, Forced Entry Resistant, High Corrosion 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).

For a minimum door panel thickness of 34 mm (1-3/8").

For fire rated doors: Check with door manufacturer regarding the usage of additional required intumescent material.

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

The load capacity shall be reduced by 20% when installed in combination with a door closer.

