



## TE 541 3D FVZ

For flush residential and commercial doors with recessed frame facings

**Hinge** **up to 100 kg (220 lbs.)**

### Product Features

- FVZ = for 14.0 mm (0.551") recessed frame facings
- Completely concealed hinge system
- For wood, steel or aluminum door panels and frames
- For flush residential and 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](http://www.simonswerk-usa.com).

### Technical Data

Load capacity	100 kg (220 lbs.)
Length	185 mm (7.283")
Width (door)	28 mm (1.102")
Width (frame)	28 mm (1.102")
Router bit / collar Ø	3/4" / 1"

### Finishes

satin chrome look (F1) (124), satin nickel look (F2) (125), stainless steel look (SSL) (126), rustic umber (156), bronze metallic (168), traffic white (RAL 9016) (070), matte deep black (RAL9005) (107), polished brass (030), polished nickel (038), satin nickel (144), satin chrome (146), bronze finish light (175), bronze finish (174), bronze finish dark (176), satin brass (047), other finishes available upon request

### Combinations

Receiver/Reinforcement	Casing frame	TE 541 3D FVZ FZ
	Steel frame	TE 541 3D FVZ SZ
	Steel door	TE 541 3D FVZ ST

### Installation Tools

Jig	Universal milling frame	
Frame, Step 1	routing template	No. 5 251071 5
Frame, Step 2	routing template	No. 5 251072 5
Frame, Step 3	routing template	No. 5 251068 5
Door, Step 1	routing template	No. 5 251071 5
Door, Step 2	routing template	No. 5 251072 5
Door, Step 3	routing template	No. 5 251073 5

### Application Range

Soundproof

### 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).  
Typical use with door thickness of 44 mm (1-3/4"), but can also be used with higher thicknesses.

