

TECTUS® FVZ

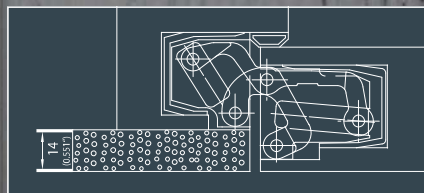
DOOR ASSEMBLIES WITH HIDDEN FRAMES

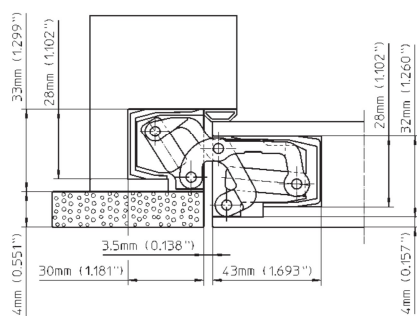
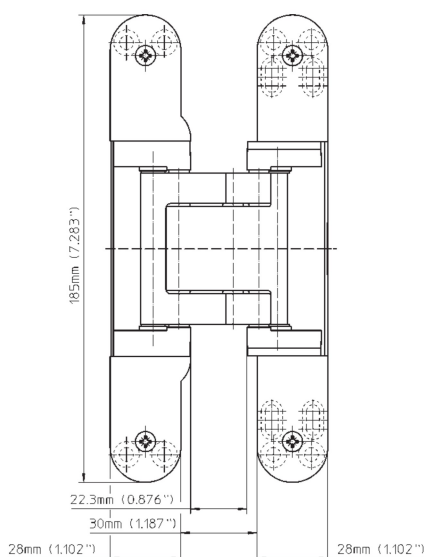
The new concealed TECTUS TE 541 3D FVZ hinge allows the frame to be recessed inside a finished wall for a door that is flush with the wall's surface. Due to the capability that the entire frame face can be covered with solid materials such as 1/2" drywall, rather than e.g. a single layer of plaster, the issue of surface cracking has been eliminated. The frame facing can be recessed

up to 14 mm (0.551") creating even more architectural possibilities for straight-lined, flush surface interior design. These hinges present a stunning architectural integration of door and wall elements. This hinge has the same amenities as existing models of the product brand TECTUS.

Load capacity up to 100 kg (220 lbs.)

For 14 mm (0.551")
recessed frame facings





TE 541 3D FVZ

For flush residential and commercial doors with recessed frame facings

Hinge		up to 100 kg (220 lbs.)
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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.

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), satin nickel look (F2), stainless steel look (SSL), rustic umber, bronze metallic, traffic white (RAL 9016), matte deep black (RAL 9005), polished brass, polished nickel, satin nickel, satin chrome

Combinations

Receiver/Reinforcement	Casing frame	TE 541 3D FVZ FZ/1
	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

Fire Resistant, Smoke Resistant, 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.