

# TECTUS GLASS HINGE SYSTEM

Hardware for glass doors.

3

Door Hinges: Concealed Mortise Hinges



- > SIMONSWERK offers a solution for glass doors, which not only includes the hinge system TECTUS Glass, but also, as an alternative to commercially available components, a magnetic closure and handle variants. The special feature: The entire assembly requires no glass processing
- > Features:
  - Door leaf, frame and hinge system are flush
  - Glass manipulation is not necessary
  - Comfortable installation
  - Contactless and silent closing process
  - Suited to the interior construction of residential and heavy-duty buildings
  - Suitable for 8-10 mm ESG-glass
  - Load capacity up to 80 kg
  - For timber, steel and aluminium frames
  - Stable hinge kinematics for reliable and durable function
  - Continuous side and height adjustment
  - Opening angle up to 180°

- > Minimalist hinge dimensions create maximum transparency of glass doors - with a simultaneous load capacity of 80 kg. This corresponds to a glass door with the dimensions of approx. 10 x 1000 x 2300 mm
- > The hinge technology is used for 8 and 10 mm thick glass doors in the interior design of high-quality residential and heavy-duty buildings with timber, steel and aluminium frames
- > The integrated U-profile picks up the door leaf and ensures the perfect fit of the glass pane. The adjustment of the correct door position is easy and flexible due to the floating clamping. By tightening the clamping screws, the secure attachment takes place
- > In addition to the completely new, flush glass door optics and the silent closing, a major advantage of TECTUS Glass is that no glass processing is required. The door leaf made of ESG-glass can be used on the right/left, as well as up/down, which leads to a reduction of storage and simplifies assembly and the order processing



## 1 Closing magnet KC 50

The closing magnet KC 50 in the frame is contactless and noiseless. The permanent and reliable closure can be adjusted individually

## 2 Magnetic plate KC 50/G

The magnetic plate KC 50/G is stuck permanently on the main closing edge of the glass door and is thus barely visible

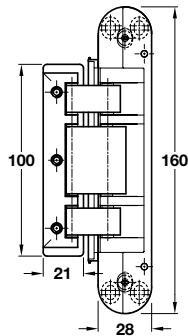
## 3 Handle KC 17

The handle KC 17 adapts ideally to the appearance of the flush glass door. The fixation is simple, stable and durable with the help of a positioning template and the adhesive strip already applied to the handle



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## TECTUS TEG 310 2D glass hinge



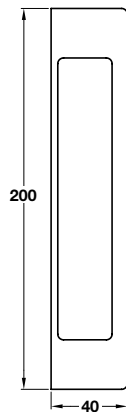
- > Maximum adjusted door weight 80 kg (using 2 hinges)
- > For flush glass doors, for wooden, steel or aluminium frames
- > For 8-10 mm ESG-glass
- > Installation without drilling the door leaf
- > Continuous adjustment:  
Side: +3.0 mm, -2.0 mm  
Height (with additional vernier adjustment):  $\pm 1.0$  mm
- > Maintenance free slide bearings
- > Rebate width 11-15 mm
- > Order qty: 1 pc



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924.19.940 Replaced by new number 981.48.065

| Finish         | Cat. No.   |
|----------------|------------|
| Matt pure grey | 981.48.065 |

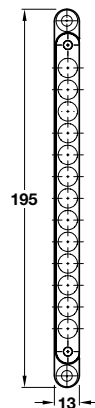
## TECTUS KC 17 glass handle



- > For glass doors
- > Installation without drilling the door leaf
- > Self adhesive fixing (an adhesive tape for permanent fixing is applied at the factory)
- > Order qty: 1 pc

| Finish         | Cat. No.   |
|----------------|------------|
| Matt pure grey | 924.19.141 |

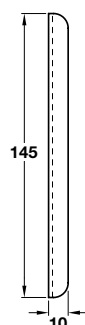
## TECTUS KC 50 closing magnet



- > Closing magnet for a contactless and silent closing process of glass and timber doors
- > Continuous adjustable retention force up to 5kg
- > For use in timber, steel and aluminium frames
- > Order qty: 1 pc

| Finish                 | Cat. No.   |
|------------------------|------------|
| Stainless steel effect | 924.19.142 |

## TECTUS KC 50/G magnetic plate



- > Magnetic plate for glass doors
- > Order qty: 1 pc

| Finish                 | Cat. No.   |
|------------------------|------------|
| Stainless steel effect | 924.19.143 |