TECTUS®
The completely concealed hinge system
## INDEX

### TECTUS® – THE COMPLETELY CONCEALED HINGE SYSTEM

<table>
<thead>
<tr>
<th>No.</th>
<th>Model</th>
<th>Weight (kg)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>TE 240 3D</td>
<td>60</td>
<td>for unrebated and rebated flush residential doors</td>
</tr>
<tr>
<td>15</td>
<td>TE 340 3D</td>
<td>80</td>
<td>for unrebated residential and heavy-duty doors</td>
</tr>
<tr>
<td>16</td>
<td>TE 526 3D</td>
<td>120</td>
<td>made of solid stainless steel for unrebated heavy-duty doors</td>
</tr>
<tr>
<td>17</td>
<td>TE 527 3D</td>
<td>120</td>
<td>made of solid steel for unrebated heavy-duty doors</td>
</tr>
<tr>
<td>18</td>
<td>TE 540 3D</td>
<td>120</td>
<td>for unrebated heavy-duty doors</td>
</tr>
<tr>
<td>19</td>
<td>TE 640 3D</td>
<td>200</td>
<td>for unrebated high performance heavy-duty doors</td>
</tr>
<tr>
<td>20</td>
<td>TE 645 3D</td>
<td>300</td>
<td>for unrebated high performance heavy-duty doors</td>
</tr>
</tbody>
</table>

### Model versions for special applications

<table>
<thead>
<tr>
<th>No.</th>
<th>Model</th>
<th>Weight (kg)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>TECTUS® A8</td>
<td></td>
<td>for unrebated high performance heavy-duty doors with claddings up to 8 mm</td>
</tr>
<tr>
<td>26</td>
<td>TECTUS® Energy</td>
<td></td>
<td>with permanent energy transfer</td>
</tr>
<tr>
<td>28</td>
<td>TECTUS FVZ</td>
<td></td>
<td>for unrebated residential and heavy-duty doors with recessed frame facings</td>
</tr>
<tr>
<td>30</td>
<td>TE 380 3D</td>
<td>60</td>
<td>for rebated residential doors</td>
</tr>
<tr>
<td>32</td>
<td>TE 680 3D FD</td>
<td>160</td>
<td>for rebated entrance doors</td>
</tr>
<tr>
<td>34</td>
<td>TECTUS® FR</td>
<td></td>
<td>with integrated intumescent kit</td>
</tr>
</tbody>
</table>

### Fixing plates and receivers

<table>
<thead>
<tr>
<th>No.</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>TE 640 3D BW</td>
<td>fixing angle for heavy-duty doors on block frames</td>
</tr>
<tr>
<td>37</td>
<td>TE ... 3D FZ</td>
<td>fixing plate for heavy-duty doors on casing frames</td>
</tr>
<tr>
<td>38</td>
<td>TE ... 3D SZ</td>
<td>receiver for residential and heavy-duty doors on steel frames</td>
</tr>
<tr>
<td>39</td>
<td>TE ... 3D ST</td>
<td>receiver for residential and heavy-duty steel doors</td>
</tr>
</tbody>
</table>

### Assembly

40     Assembly

### Routing data

44     Routing data

### Service

54     Service
TECTUS® – THE COMPLETELY CONCEALED HINGE SYSTEM

"Making something invisible is also design!" There is a certain appeal in designing items in such a way that their actual value is initially in the background, thereby giving space to other elements. Flush mounting is a stylistic principle that exudes minimalism and involves precise technology and perfection. The TECTUS series of concealed hinges offers unsurpassed quality, versatility and depth. The completely concealed hinge system TECTUS has been an integral part of the SIMONSWERK range since 2002. Thanks to its ongoing development, TECTUS is today more innovative and efficient than ever.
TECTUS – MODEL VERSIONS
FROM 60 TO 300 KG

TECTUS hinges have impressive load-bearing capacities, being able to support door elements of up to 300 kg. They also have an opening angle of up to 180° and can be used with wood, steel and aluminium frames. The hinges can be adjusted in all three dimensions and require no maintenance. They are used on high-quality residential doors and functional heavy-duty doors in public buildings.

The wide range of finishes enables a variety of applications – they can be harmoniously tailored to an architectural concept and fittings and can completely blend into the background when the respective door is closed.
TECTUS ENERGY – FOR PERMANENT ENERGY TRANSFER

TECTUS Energy enables permanent energy transfer, without compromising on the design aspect of surface-flush appearances. It combines design, function and technology in an exemplary way and creates opportunities for new ideas. For fitting and operating electronic components in high-quality heavy-duty doors, the safe and permanent energy transfer is decisively important. TECTUS Energy secures the door leaf and permanently provides energy from the side of the frame without weakening the door or frame geometry. The technology provided together with TECTUS Energy offers compatibility with all standard versions of locks and fittings, while retaining all technical and optical features of the TECTUS product brand.
MODEL VERSIONS FOR SPECIAL APPLICATIONS

TECTUS FVZ – For doors with recessed frame facings
With TECTUS FVZ, a design where the frame part is offset to the sash part, it is possible to integrate a door with a completely concealed hinge into the surrounding wall without any visible frame. The frame facing can be set back by 12 or 14 mm, to allow the door and wall sets to create a flush-fitting whole.

TECTUS FR – With integrated intumescent kit
The TECTUS FR model version is equipped with an integrated intumescent kit. Whilst maintaining all routing dimensions and optical features of the TECTUS, they provide the perfect basis for use on fire-resistant door elements. In case of a fire, the intumescent kit swells, sealing the door around the hinges, thereby protecting against fire and smoke escaping into a neighbouring room.
MODEL VERSIONS FOR SPECIAL APPLICATIONS

**TECTUS A8 – For claddings up to 8 mm**

The “A8” versions provide new application possibilities as they can accommodate claddings of up to 8 mm on the door and frame construction. This gives the designer more scope when integrating the door element into the overall interior design concept.

**TECTUS Rebate – For rebated residential and entrance doors**

With TECTUS TE 680 3D FD, SIMONSWERK offers a new model version as a solution for conventionally rebated timber entrance doors. Easy mounting and convenient 3D adjustment make installation easy, while a circumferential seal ensures the required level of impermeability around the hinges. The innovative hinge system for timber entrance doors further impresses with a load capacity of 160 kg. For rebated residential doors SIMONSWERK offers the TECTUS TE 380 3D. The concealed hinge system is completely invisible when the door is closed. The hinge joint’s special geometry allows for installation in the rebated door leaf with a receiver in the wood, steel or aluminium frame.
A FULL RANGE OF CONCEALED HINGES

For applications ranging from high-quality interior doors to heavy-duty doors with special requirements in terms of load capacity and performance, SIMONSWERK has for years provided a comprehensive product range including a wide choice of its completely concealed TECTUS brand.

All the models in the TECTUS brand completely concealed hinge range for high-quality interior and functional heavy-duty doors have the same technical and visual features, and can be used with timber, steel and aluminium frames. They all have a uniform appearance, with a closed hinge body that hides the milling from view, and are available in a range of materials and attractive surface finishes.

TE 240 3D
load capacity up to 60 kg

TE 340 3D
load capacity up to 80 kg

Versions for special applications from page 22.
TE 526 3D
load capacity
up to 120 kg

TE 527 3D
load capacity
up to 120 kg

TE 540 3D
load capacity
up to 120 kg

TE 640 3D
load capacity
up to 200 kg

TE 645 3D
load capacity
up to 300 kg
TECTUS®

TE 240 3D
for unrebated and rebated flush residential doors

hinge | up to 60 kg

Product features
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated and rebated flush residential doors
- sideways closed hinge body for a homogeneous mortise appearance
- 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.5 mm)
- maintenance-free slide bearings

Technical details

<table>
<thead>
<tr>
<th>Load capacity</th>
<th>60.0 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>two hinges per door leaf (1x2m)</td>
<td></td>
</tr>
<tr>
<td>overall length</td>
<td>155.0 mm</td>
</tr>
<tr>
<td>width (frame part)</td>
<td>21.0 mm</td>
</tr>
<tr>
<td>width (door part)</td>
<td>18.0 mm</td>
</tr>
<tr>
<td>cutter diameter</td>
<td>16.0 mm</td>
</tr>
<tr>
<td>opening angle</td>
<td>180°</td>
</tr>
</tbody>
</table>

Finishes
Satin Chrome Look (F1) (124), Satin Nickel Look (F2) (125), Stainless Steel Look (SSL) (126), polished brassed (030), polished nickelled (038), Bronze Finish (174), Bronze Finish Light (175), Bronze Finish Dark (176), coloured (079), other finishes available upon request

Combination

| receiver | casing frame | TE 240 3D FZ/1 |
| steel frame | TE 240 3D SZ |
| steel door | TE 240 3D ST |

Installation tools

| jig | universal milling frame |
| frame template | No. 5 250691 6 |
| door template | No. 5 250692 6 |

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com

Note
The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).
With an opening position of 180° the door may have to be fixed additionally.

Classification key

| 2 | 7 | 2 | 0 | 1 | * | 0 | 7 |

*depending on the finish
TE 340 3D
for unrebated residential and heavy-duty doors

| hinge | up to 80 kg |

Product features
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated residential and heavy-duty doors
- sideways closed hinge body for a homogeneous mortise appearance
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Technical details

| load capacity | 1 two hinges per door leaf (1x2m) | 80.0 kg |
| overall length | 160.0 mm |
| width (frame part) | 28.0 mm |
| width (door part) | 28.0 mm |
| cutter diameter | 24.0 mm |
| opening angle | 180° |

Finishes
Satin Chrome Look (F1) (124), Satin Nickel Look (F2) (125), Stainless Steel Look (SSL) (126), polished brassed (030), polished nickelled (038), Bronze Finish (174), Bronze Finish Light (175), Bronze Finish Dark (176), coloured (079), other finishes available upon request

Combination
receiver casing frame TE 340 3D FZ
Steel frame TE 340 3D SZ
steel door TE 340 3D ST

Installation tools

| jig | universal milling frame |
| step 1 | template | No. 5 250693 5 |
| step 2 | template | No. 5 250694 5 |

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com

Functional areas
fire resistance, smoke resistance, burglar resistance

Note
The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).
With an opening position of 180° the door may have to be fixed additionally.

Classification key
3 7 4 1 1 * 0 11
*depending on the finish
TECTUS®

TE 526 3D
made of solid stainless steel for unrebated heavy-duty doors

| hinge | up to 120 kg |

Product features

- material stainless steel
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Technical details

<table>
<thead>
<tr>
<th>load capacity</th>
<th>120.0 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>two hinges per door leaf (1x2m)</td>
<td></td>
</tr>
<tr>
<td>overall length</td>
<td>155.0 mm</td>
</tr>
<tr>
<td>width (frame part)</td>
<td>26.0 mm</td>
</tr>
<tr>
<td>width (door part)</td>
<td>26.0 mm</td>
</tr>
<tr>
<td>cutter diameter</td>
<td>24.0 mm</td>
</tr>
<tr>
<td>opening angle</td>
<td>180°</td>
</tr>
</tbody>
</table>

Finishes

Satin Stainless Steel (040), pol. Stainless Steel (042), coloured (079)

Combination

receiver
casing frame
TE 526/527 3D FZ/1
steel frame
TE 526/527 3D SZ
steel door
TE 526/527 3D ST

Installation tools

<table>
<thead>
<tr>
<th>universal milling frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>driling jig TECTUS TE 526 3D</td>
</tr>
</tbody>
</table>

frame / door template
No. 5 250547 6

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com

Functional areas

fire resistance, smoke resistance, soundproof, burglar resistance

Note

1. The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).
   With an opening position of 180° the door may have to be fixed additionally.
   Also available in Satin Stainless Steel grade 316.

Classification key

| 4 | 7 | 6 | 1 | 1 | 4 | 0 | 13 |

QUALITY MARKS  FUNCTIONAL AREAS

ZERTIFIZIERT
# TECTUS®

## TE 527 3D

made of solid steel for unrebated heavy-duty doors

<table>
<thead>
<tr>
<th>hinge</th>
<th>up to 120 kg</th>
</tr>
</thead>
</table>

### Product features
- made of solid steel
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- 3D adjustment (side \(\pm 3.0\) mm, height \(\pm 3.0\) mm, compression \(\pm 1.0\) mm)
- maintenance-free slide bearings

### Technical details

<table>
<thead>
<tr>
<th>Load capacity</th>
<th>120.0 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>155.0 mm</td>
</tr>
<tr>
<td>Width (frame part)</td>
<td>26.0 mm</td>
</tr>
<tr>
<td>Width (door part)</td>
<td>26.0 mm</td>
</tr>
<tr>
<td>Cutter diameter</td>
<td>24.0 mm</td>
</tr>
<tr>
<td>Opening angle</td>
<td>180°</td>
</tr>
</tbody>
</table>

### Finishes

Stainless Steel Look (SSL)(126), coloured (079), other finishes available upon request

### Combination

- Receiver casing frame: TE 526/527 3D FZ/1
- Steel frame: TE 526/527 3D SZ
- Steel door: TE 526/527 3D ST

### Installation tools

- Universal milling frame: TE 527 3D
- Drilling jig: TECTUS TE 527 3D

### Functional areas

- Fire resistance, smoke resistance, soundproof, burglar resistance

### Note

The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).

With an opening position of 180° the door may have to be fixed additionally.

### Classification key

<table>
<thead>
<tr>
<th>4</th>
<th>7</th>
<th>6</th>
<th>1</th>
<th>1</th>
<th>*</th>
<th>0</th>
<th>13</th>
</tr>
</thead>
</table>

*depending on the finish
TECTUS®

**TE 540 3D**
for unrebated heavy-duty doors

| hinge            | up to 120 kg |

**Product features**
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- sideways closed hinge body for a homogeneous mortise appearance
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

**Technical details**
- load capacity: two hinges per door leaf (1x2m) 120.0 kg
- overall length: 200.0 mm
- width (frame part): 32.0 mm
- width (door part): 32.0 mm
- cutter diameter: 24.0 mm
- opening angle: 180°

**Finishes**
Satin Chrome Look (F1) (124), Satin Nickel Look (F2) (125), Stainless Steel Look (SSL) (126), polished brassed (030), polished nickelled (038), Bronze Finish (174), Bronze Finish Light (175), Bronze Finish Dark (176), coloured (079), other finishes available upon request

**Combination**
- receiver casing frame: TE 540 3D FZ/1
- steel frame: TE 540 3D SZ
- steel door: TE 540 3D ST

**Installation tools**
- jig: universal milling frame
- step 1 template: No. 5 250680 S
- step 2 template: No. 5 250681 S

Detailed information in our PRODUCTSELECTION at www.simonswerk.com

**Functional areas**
- fire resistance, smoke resistance, soundproof, burglar resistance

**Note**
The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).
With an opening position of 180° the door may have to be fixed additionally.

**Classification key**
- 4 7 6 1 1 * 1 13

*depending on the finish*
TE 640 3D
for unrebated high performance heavy-duty doors

hinge up to 200 kg

Product features
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated high performance heavy-duty doors
- sideways closed hinge body for a homogeneous mortise appearance
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Technical details

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
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<tbody>
<tr>
<td>load capacity</td>
<td>200.0 kg</td>
</tr>
<tr>
<td>two hinges per door leaf</td>
<td>(1x2m)</td>
</tr>
<tr>
<td>overall length</td>
<td>240.0 mm</td>
</tr>
<tr>
<td>width (frame part)</td>
<td>32.0 mm</td>
</tr>
<tr>
<td>width (door part)</td>
<td>32.0 mm</td>
</tr>
<tr>
<td>cutter diameter</td>
<td>24.0 mm</td>
</tr>
<tr>
<td>opening angle</td>
<td>180°</td>
</tr>
</tbody>
</table>

Finishes
Satin Chrome Look (F1) (124), Satin Nickel Look (F2) (125), Stainless Steel Look (SSL) (126), polished brassed (030), polished nickelled (038), Bronze Finish (174), Bronze Finish Light (175), Bronze Finish Dark (176), coloured (079), other finishes available upon request

Combination
- receiver block frame TE 640 3D BW
- casing frame TE 640 3D FZ/1
- steel frame TE 640 3D SZ
- steel door TE 640 3D ST

Installation tools
- jig universal milling frame
- step 1 template No. 5 250659 5
- step 2 template No. 5 250689 5

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com

Functional areas
fire resistance, smoke resistance, soundproof, burglar resistance

Note
1. The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m). Also the load capacities of the respective combined receiver have to be taken into consideration.
   With an opening position of 180° the door may have to be fixed additionally.

Classification key

<table>
<thead>
<tr>
<th>4</th>
<th>7</th>
<th>6</th>
<th>1</th>
<th>1</th>
<th>*</th>
<th>1</th>
<th>14</th>
</tr>
</thead>
</table>

*depending on the finish
TECTUS®

TE 645 3D
for unrebated high performance heavy-duty doors

| hinge | up to 300 kg |

Product features
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated high performance heavy-duty doors
- sideways closed hinge body for a homogeneous mortise appearance
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Technical details

<table>
<thead>
<tr>
<th>feature</th>
<th>specification</th>
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<tbody>
<tr>
<td>load capacity</td>
<td>300.0 kg</td>
</tr>
<tr>
<td>width (frame part)</td>
<td>35.0 mm</td>
</tr>
<tr>
<td>width (door part)</td>
<td>34.0 mm</td>
</tr>
<tr>
<td>length (frame part)</td>
<td>280.0 mm</td>
</tr>
<tr>
<td>length (door part)</td>
<td>260.0 mm</td>
</tr>
<tr>
<td>cutter diameter</td>
<td>24.0 mm</td>
</tr>
<tr>
<td>opening angle</td>
<td>180°</td>
</tr>
</tbody>
</table>

Finishes
- Satin Chrome Look (F1) (124), Satin Nickel Look (F2) (125), Stainless Steel Look (SSL) (126), other finishes available upon request

Combination

<table>
<thead>
<tr>
<th>receiver</th>
<th>steel frame</th>
<th>TE 645 3D SZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>steel door</td>
<td>TE 645 3D ST</td>
<td></td>
</tr>
</tbody>
</table>

Installation tools

- jig universal milling frame lang
- frame, step 1 template No. 5 250945 S
- frame, step 2 template No. 5 250946 S
- door, step 1 template No. 5 250947 S
- door, step 2 template No. 5 250948 S

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com

Functional areas
- fire resistance, smoke resistance, soundproof, burglar resistance

Note
1. The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).
Also the load capacities of the respective combined receiver have to be taken into consideration.
Application on steel frames is subject to special frame facings.
With an opening position of 180° the door may have to be fixed additionally.

Classification key

| 4 | 7 | 7 | 1 | 1 | 4 | 1 | 16 |
TECTUS®
VERSIONS FOR SPECIAL APPLICATIONS

Special architectural situations, problematic spatial challenges or unusual planning tasks require individual solutions. The solutions presented here by SIMONSWERK complete the TECTUS product range.

TECTUS® A8
for doors with claddings up to 8 mm load capacities of 100 to 300 kg

TECTUS® Energy
with permanent energy transfer load capacities of 60 to 300 kg
TECTUS® FVZ
for constructions with recessed frame facings
load capacities of 60 to 100 kg

TECTUS® rebated
for rebated doors
load capacities up to 60 kg

TECTUS® TE 680 3D FD
for rebated timber entrance doors
load capacities up to 160 kg

TECTUS® FR
with integrated intumescent kit
load capacities of 80 to 200 kg
"A8" versions provide new application possibilities as they can accommodate claddings of up to 8 mm on the door and frame construction. This gives the designer more scope when integrating the door set into the overall interior design concept.
TECTUS®

TECTUS A8
for unrebated heavy-duty doors with claddings up to 8 mm

<table>
<thead>
<tr>
<th>hinge</th>
<th>cladding</th>
<th>100 – 300 kg</th>
</tr>
</thead>
</table>

Product features
- claddings up to 8 mm
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- sideways closed hinge body for a homogeneous mortise appearance
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Finishes
Satin Stainless Steel (040), Satin Chrome Look (F3) (124), Satin Nickel Look (F2) (125), Stainless Steel Look (SSL) (126), polished brassed (030), polished nickelled (038), Bronze Finish (174), Bronze Finish Light (175), Bronze Finish Dark (176), coloured (079), other finishes available upon request

Combination
- receiver casing frame: TE 540 3D FZ/1
- steel frame: TE 640 3D A8 SZ
- steel door: TE 626 3D A8 ST
- accessories cover plate set: TE 540/640 3D A8 radius

Functional areas
fire resistance, smoke resistance, soundproof, burglar resistance

Note
The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m). With an opening position of 180° the door may have to be fixed additionally.

Classification key
| 4 | 7 | 5 | 1 | 1 | * | 1 | 12a |
*depending on the finish

Available options
- load capacity up to 100 kg: TE 540 3D A8
- load capacity up to 160 kg: TE 640 3D A8
- load capacity up to 300 kg: TE 626 3D A8

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com
Energy transfer is crucially important in the installation and operation of electric components in high-quality doors. With TECTUS Energy, the door leaf receives a guaranteed and permanent energy supply from the frame, without weakening the structure of either the door or the frame. The technology provided by TECTUS Energy offers compatibility with all the most popular designs for locks and fittings.

**FLAT RIBBON CABLE**
- 16-wire ribbon cable
- integrated permanent energy transfer
- entirely enclosed in the housing (closed system)

**ADAPTER TECHNOLOGY**
- compatibility with all the most popular designs for locks and fittings
- three different plug connections (round cable, universal adapter, adapter 1)

**CLIP**
- secure connection between cable and hinge housing
- high functional reliability and fitness for purpose thanks to a closed system
**TECTUS Energy**

with permanent energy transfer for unrebated heavy-duty doors

<table>
<thead>
<tr>
<th>hinge</th>
<th>energy transfer</th>
<th>60 – 300 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Product features**
- with permanent energy transfer
- individual connection adapter options
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

**Technical details**

| no. of wires/wire cross section | 16 pieces/0.14 mm² |
| max. voltage 50 V (voltage source acc. SELV-DIN EN 61140) | |
| max. current 0.8 A (per wire) | 180° |

**Finishes**

Satin Stainless Steel (040) (TE 526 3D Energy and TE 626 3D A8 Energy only), Satin Chrome Look (F1) (124), Stainless Steel Look (SSL) (126), other finishes available upon request

**Combination**

| receiver casing frame | TE 3D FZ |
| Steel frame | TE 3D SZ |
| Steel door | TE 3D ST |
| accessories round cable 16 x 0.8 A power | |
| universal use for all applications cable lengths 3 m or 10 m torsion-proof and snap-fitting connection system universal adapter 3 x 3.2 A and 4 x 0.8 A power for direct connection of different power collectors adapter 1 3 x 3.2 A and 4 x 0.8 A power special adapter for connecting FUHR motor locks |

**Functional areas**

fire resistance, smoke resistance, soundproof, burglar resistance

**Note**

The load capacity refers to the use of 2 hinges per door leaf (1 x 2 m). Please specify accessories when ordering.

**Classification key**

<table>
<thead>
<tr>
<th>4</th>
<th>7</th>
<th>6</th>
<th>1</th>
<th>1</th>
<th>*</th>
<th>1</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>depending on the finish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Available options**

- load capacity up to 60 kg
  - TE 240 3D Energy
- load capacity up to 80 kg
  - TE 340 3D Energy
- load capacity up to 100 kg
  - TE 540 3D Energy
- load capacity up to 120 kg
  - TE 526 3D Energy
  - TE 540 3D A8 Energy
- load capacity up to 160 kg
  - TE 640 3D Energy
  - TE 640 3D A8 Energy
- load capacity up to 200 kg
  - TE 645 3D Energy
  - TE 645 3D A8 Energy
- load capacity up to 300 kg
  - TE 626 3D A8 Energy

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com
TECTUS® FVZ
INTEGRATION OF DOOR SET INTO SURROUNDING WALL WITHOUT A VISIBLE FRAME

The model versions TECTUS FVZ where the frame part is offset to the leaf part enables a door with a completely concealed hinge to be integrated into the surrounding wall without any visible frame. The frame facing can be set back by 12 or 14 mm, to allow the door and wall sets to create a flush-fitting whole.

load capacity up to 100 kg

for 12 or 14 mm recessed frame facings
for a surrounding wall without a visible frame
TECTUS FVZ
for unrebad residential and heavy-duty doors with recessed frame facings

<table>
<thead>
<tr>
<th>hinge</th>
<th>recessed frame facings</th>
<th>60 – 100 kg</th>
</tr>
</thead>
</table>

Product features
- FVZ = recessed frame facings
- recessed frame facing 12.0 or 14.0 mm
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebad heavy-duty doors
- sideways closed hinge body for a homogeneous mortise appearance
- 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Finishes
Satin Chrome Look (F1) (124), Satin Nickel Look (F2) (125), Stainless Steel Look (SSL) (126), coloured (079), other finishes available upon request

Combination

| receiver | casing frame | TE ... FVZ FZ | steel frame | TE ... FVZ SZ | steel door | TE ... FVZ ST |

Functional areas
fire resistance, smoke resistance, soundproof

Note
The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).

Classification key

| 4 | 7 | 5 | 1 | 1 | * | 0 | 12 |

*depending on the finish

Available options
- load capacity up to 60 kg, door thickness 40 mm, TE 311 3D FVZ 40
- load capacity up to 60 kg, door thickness 44 mm, TE 311 3D FVZ 44
- load capacity up to 100 kg, TE 541 3D FVZ

Detailed information in our PRODUCTSELECTION at www.simonswerk.com

QUITIY MARKS

FUNCTIONAL AREAS
SIMONSWERK also offers within the TECTUS brand a solution for rebated door leaves. The concealed hinge system is completely invisible when the door is closed. The hinge joint's special geometry allows for installation in the rebated door leaf with a receiver in the wood, steel or aluminium frame.

TECTUS® REBATED
FOR REBATED RESIDENTIAL DOORS

load capacity up to 60 kg

for rebated residential doors
TE 380 3D
for rebated residential doors

<table>
<thead>
<tr>
<th>hinge</th>
<th>rebated</th>
<th>up to 60 kg</th>
</tr>
</thead>
</table>

Product features
- completely concealed hinge system
- for timber, steel or aluminium frames
- for rebated residential doors
- sideways closed hinge body for a homogeneous mortise appearance
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Technical details
- load capacity: 60.0 kg
- width (frame part): 26.0 mm
- width (door part): 20.0 mm
- length (frame part): 190.0 mm
- length (door part): 160.0 mm
- cutter diameter: 20.0 mm
- opening angle: 180°

Finishes
- Satin Chrome Look (F1) (124), Satin Nickel Look (F2) (125), Stainless Steel Look (SSL) (126), Traffic White F (057), coloured (079), other finishes available upon request

Combination
- receiver casing frame: TE 380 3D F2/1
- steel frame: TE 380 3D SZ

Installation tools
- universal milling frame
  - frame, step 1 template: No. 5 250955 5
  - frame, step 2 template: No. 5 250956 5
  - frame, step 3 template: No. 5 250957 5
  - door, step 1 template: No. 5 250958 5
  - door, step 2 template: No. 5 250959 5

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com

Note
- The load capacity mentioned above refers to the use of two hinges per door leaf (1x2 m).
- With an opening position of 180° the door may have to be fixed additionally.

Classification key

<table>
<thead>
<tr>
<th>2</th>
<th>7</th>
<th>3</th>
<th>1</th>
<th>1</th>
<th>*</th>
<th>0</th>
<th>10</th>
</tr>
</thead>
</table>

*depending on the finish
With the new model version TECTUS TE 680 3D FD, SIMONSWERK offers a solution for conventional, rebated timber entrance doors. Easy mounting and comfortable 3D adjustment make installation easy, while a circumferential seal ensures the required level of impermeability around the hinges.
TE 680 3D FD
for rebated entrance doors

<table>
<thead>
<tr>
<th>hinge</th>
<th>rebated</th>
<th>up to 160 kg</th>
</tr>
</thead>
</table>

Product features
- concealed hinge system
- for rebated entrance doors
- sideways closed hinge body for a homogeneous mortise appearance
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.5 mm)
- continuous sealing system
- 18 mm overlap width
- maintenance-free slide bearings

Technical details
<table>
<thead>
<tr>
<th>load capacity</th>
<th>two hinges per door leaf (1x2m) 160.0 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>width (frame part)</td>
<td>30.0 mm</td>
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<tr>
<td>width (door part)</td>
<td>40.5 mm</td>
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<tr>
<td>length (frame part)</td>
<td>250.0 mm</td>
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<tr>
<td>length (door part)</td>
<td>140.0 mm</td>
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<tr>
<td>cutter diameter</td>
<td>20.0 mm</td>
</tr>
<tr>
<td>opening angle</td>
<td>180°</td>
</tr>
</tbody>
</table>

Finishes
Satin Chrome Look (F1) (124), other finishes available upon request

Combination
<table>
<thead>
<tr>
<th>hinge</th>
<th>TE 680 3D FD Energy</th>
</tr>
</thead>
<tbody>
<tr>
<td>accessories</td>
<td>gasket DS 7435</td>
</tr>
</tbody>
</table>

Installation tools
- routing jig TE 680 3D FD
- serial routing jig TE 680 3D FD

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com

Note
The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).
With an opening position of 180° the door may have to be fixed additionally.

Available options
TE 680 3D FD Energy

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com

e.g. overlap width 21 mm
The TECTUS hinge system with integrated intumescent kit protects against fire and smoke escaping into a neighbouring room. In case of a fire, the intumescent kit swells, sealing the door around the hinges.

TECTUS® FR
WITH INTEGRATED INTUMESCENT KIT

Load capacity up to 200 kg

with integrated intumescent kit

The intumescent kit seals the hinge mortise in case of a fire.
TECTUS FR
with integrated intumescent kit for unrebated heavy-duty doors

<table>
<thead>
<tr>
<th>hinge</th>
<th>fire resistance</th>
<th>80 – 200 kg</th>
</tr>
</thead>
</table>

Product features
- with integrated intumescent kit
- completely concealed hinge system
- for timber, steel or aluminium frames
- for unrebated heavy-duty doors
- sideways closed hinge body for a homogeneous mortise appearance
- comfortable 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 1.0 mm)
- maintenance-free slide bearings

Finishes
Satin Chrome Look (F1) (124), Stainless Steel Look (SSL) (126), other finishes available upon request

Combination
<table>
<thead>
<tr>
<th>receiver</th>
<th>casing frame</th>
<th>TE ... 3D F/Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>steel frame</td>
<td>TE ... 3D SZ</td>
<td></td>
</tr>
<tr>
<td>steel door</td>
<td>TE ... 3D ST</td>
<td></td>
</tr>
</tbody>
</table>

Functional areas
fire resistance, smoke resistance, soundproof, burglar resistance

Note
The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).

Classification key (e.g.)

<table>
<thead>
<tr>
<th>4</th>
<th>7</th>
<th>6</th>
<th>1</th>
<th>1</th>
<th>*</th>
<th>1</th>
<th>13</th>
</tr>
</thead>
</table>

*depending on the finish

Available options
- load capacity up to 80 kg
- load capacity up to 120 kg
- load capacity up to 200 kg
- load capacity up to 100 kg
- load capacity up to 150 kg

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com
TECUTUS®

**TE 640 3D BW**
fixing angle for unrebated heavy-duty doors with claddings up to 16 resp. 20 mm on both sides

<table>
<thead>
<tr>
<th>receiver</th>
<th>block frame</th>
</tr>
</thead>
</table>

Technical details
load capacity 2 hinges per door leaf (1x2m) 120.0 kg

Finishes
blue galvanized (010)

Combination
hinge TE 640 3D

Note
The load capacity mentioned above refers to the use of two hinges per door leaf (1 x 2 m).
The cladding must be mortised in the hinge area.
Please specify the exact version in your order.

Available options
- claddings up to 16 mm TE 640 3D BW 16
- claddings up to 20 mm TE 640 3D BW 20

Detailed information in our PRODUCTSELECTOR at www.simonswerk.com
Fixing plate TE ... 3D FZ
for residential and heavy-duty doors with casing frames

<table>
<thead>
<tr>
<th>receiver</th>
<th>casing frame</th>
</tr>
</thead>
</table>

**Finishes**
blue galvanized (010)

**Combination**

- **hinge**
  - TE 240 3D
  - TE 311 3D FVZ
  - TE 340 3D
  - TE 380 3D
  - TE 526 3D
  - TE 527 3D
  - TE 540 3D
  - TE 541 3D FVZ
  - TE 640 3D
  - TE 540 3D A8
  - TE 626 3D A8
  - TE 640 3D A8

- **with energy transfer**
  - TE 240 3D Energy
  - TE 340 3D Energy
  - TE 526 3D Energy
  - TE 540 3D Energy
  - TE 640 3D Energy
  - TE 540 3D A8 Energy
  - TE 640 3D A8 Energy

- **with intumescent kit**
  - TE 340 3D FR
  - TE 540 3D FR
  - TE 640 3D FR
  - TE 540 3D A8 FR
  - TE 640 3D A8 FR

**Note**
Spacers for casing thicknesses of 22-28 mm are included. Please specify the exact hinge in your order.
**TECTUS®**

**Receiver TE ... 3D SZ**
for residential and heavy-duty doors with steel frames

<table>
<thead>
<tr>
<th>receiver</th>
<th>steel frame</th>
</tr>
</thead>
</table>

**Finishes**
blue galvanized (010), Stainless Steel untreated (041)

**Combination**

<table>
<thead>
<tr>
<th>hinge</th>
<th>TE 240 3D</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TE 311 3D FVZ</td>
</tr>
<tr>
<td></td>
<td>TE 340 3D</td>
</tr>
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<td></td>
<td>TE 380 3D</td>
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<td></td>
<td>TE 526 3D</td>
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<tr>
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<td>TE 527 3D</td>
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<td>TE 540 3D</td>
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<td></td>
<td>TE 541 3D FVZ</td>
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<td></td>
<td>TE 640 3D</td>
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<tr>
<td></td>
<td>TE 645 3D</td>
</tr>
<tr>
<td></td>
<td>TE 540 3D A8</td>
</tr>
<tr>
<td></td>
<td>TE 626 3D A8</td>
</tr>
<tr>
<td></td>
<td>TE 640 3D A8</td>
</tr>
</tbody>
</table>

with energy transfer

| TE 240 3D Energy |
| TE 340 3D Energy |
| TE 526 3D Energy |
| TE 540 3D Energy |
| TE 640 3D Energy |
| TE 645 3D Energy |
| TE 540 3D A8 Energy |
| TE 626 3D A8 Energy |
| TE 640 3D A8 Energy |

with intumescent kit

| TE 340 3D FR |
| TE 540 3D FR |
| TE 640 3D FR |
| TE 540 3D A8 FR |
| TE 640 3D A8 FR |

**Note**
Please specify the exact hinge in your order.
### Receiver TE ... 3D ST
for steel doors

<table>
<thead>
<tr>
<th>Receiver</th>
<th>Steel door</th>
</tr>
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<tbody>
<tr>
<td>TE 240 3D</td>
<td>TE 340 3D</td>
</tr>
<tr>
<td>TE 340 3D</td>
<td>TE 526 3D</td>
</tr>
<tr>
<td>TE 526 3D</td>
<td>TE 527 3D</td>
</tr>
<tr>
<td>TE 527 3D</td>
<td>TE 540 3D</td>
</tr>
<tr>
<td>TE 540 3D</td>
<td>TE 541 3D FVZ</td>
</tr>
<tr>
<td>TE 541 3D FVZ</td>
<td>TE 640 3D</td>
</tr>
<tr>
<td>TE 640 3D</td>
<td>TE 645 3D</td>
</tr>
<tr>
<td>TE 645 3D</td>
<td>TE 540 3D A8</td>
</tr>
<tr>
<td>TE 540 3D A8</td>
<td>TE 640 3D A8</td>
</tr>
</tbody>
</table>

#### Finishes
blue galvanized (010)

#### Combination
<table>
<thead>
<tr>
<th>Hinge</th>
<th>Combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 240 3D Energy</td>
<td>TE 340 3D Energy</td>
</tr>
<tr>
<td>TE 340 3D Energy</td>
<td>TE 526 3D Energy</td>
</tr>
<tr>
<td>TE 526 3D Energy</td>
<td>TE 540 3D Energy</td>
</tr>
<tr>
<td>TE 540 3D Energy</td>
<td>TE 640 3D Energy</td>
</tr>
<tr>
<td>TE 640 3D Energy</td>
<td>TE 540 3D A8 Energy</td>
</tr>
<tr>
<td>TE 540 3D A8 Energy</td>
<td>TE 640 3D A8 Energy</td>
</tr>
</tbody>
</table>

#### Note
Please specify the exact hinge in your order.
ASSEMBLY

TECTUS series

DOOR
Fix door part with enclosed wood screws.

FRAME

Block frame
Conduct routing, cutter 24 mm Ø (TE 240 3D cutter 16 mm Ø) and collar ring 30 mm Ø, affix frame part with enclosed wood screws.

Casing frame
To guarantee a stable mounting the use of an additional fixing plate is required. Affix the fixing plate behind the casing. Affix the hinge by using enclosed M5 screws.

Steel frame
Affix frame part of the hinge with the prepared receiver inside the door frame by using the enclosed M5 screws.

Fix cover plates on the frame and door part by means of the enclosed screws.
ADJUSTMENT

TECTUS series

Three-dimensionally, continuously adjustable
side
height
compression

Side adjustment
• adjust the adjusting spindles using an Allen wrench

Height adjustment
• slightly loosen the clamping screws
• adjust the vertical position of the door by turning the lower height adjustment screw (turn the upper height adjustment screw in the opposite direction if necessary)
• retighten the clamping screws

Compression adjustment
• slightly loosen the fixing screws
• put the door to the correct compression by using the compression screw
• retighten the clamping screws

All adjustments to be conducted by means of a 4 mm Allen wrench.
HINGE POSITIONS

TECTUS Series

The use of a third hinge can significantly influence the load capacity. Frequently, a third hinge is positioned centred between the two outer hinges in order to meet visual requirements and to ensure the sealing pressure in the middle of the door. Under certain circumstances, however, it may be useful or necessary to support the upper hinge where the main tensile forces occur. This could be the case for over-wide doors (> 1000 mm) where additional forces occur due to the leverage. In such cases, the third hinge has to be positioned in the upper third, as this is the only way to positively influence the load capacity. The door norm recommends the use of a third hinge 350 mm below the upper hinge.

Application with increased load capacity or overhead door closers

Examples for applications with different door heights

< 2.40 m

≥ 2.40 m

Note: We recommend for all exterior doors the use of three hinges.
polished brassed (030)  polished nickelled (038)  Satin Stainless Steel (040)  satin brassed (047)

RAL 9016 Traffic White (070)  RAL 9005 Matte Deep Black (107)  Satin Chrome Look (124)  Satin Nickel Look (125)

Stainless Steel Look (126)  Satin Nickel (144)  Satin Chrome (146)  Rustic Umber (156)

Bronze Metallic (168)  Bronze Finish (174)  Bronze Finish Light (175)  Bronze Finish Dark (176)

The colours of the finishes shown may differ from the original.
ROUTING DATA

TE 240 3D

Conduct routing with cutter Ø 16 mm, collar ring Ø 30 mm and universal milling frame with template No. S 250691 6 (frame) and template No. S 250692 6 (door).

A = depth of frame rebate up to sealing
B = thickness of door leaf resp. 1st door rebate
A – B + 4 = Measure X

The result has to be a measure between 4.0 mm and max. 6.0 mm. (steel frame: X = 5.0 mm)

TE 340 3D / TE 340 3D FR

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. S 250693 5 (Step 1) and template No. S 250694 5 (Step 2).
A = depth of frame rebate up to sealing
B = thickness of door leaf resp. 1st door rebate
A – B + 4 = Measure X

The result has to be a measure between 4.0 mm and max. 6.0 mm. (steel frame: X = 5.0 mm)

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250547 6.

---

TE 540 3D / TE 540 3D FR

A = depth of frame rebate up to sealing
B = thickness of door leaf resp. 1st door rebate
A – B + 4 = Measure X

The result has to be a measure between 4.0 mm and max. 6.0 mm. (steel frame: X = 5.0 mm)

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250680 5 (Step 1) and template No. 5 250681 5 (Step 2).
**ROUTING DATA**

### TE 640 3D / TE 640 3D FR

- **A** = depth of frame rebate up to sealing
- **B** = thickness of door leaf resp. 1st door rebate
- **A – B + 4 = Measure X**

The result has to be a measure between 4.0 mm and max. 6.0 mm. (steel frame: X = 5.0 mm)

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250659 5 (Step 1) and template No. 5 250689 5 (Step 2).

### TE 645 3D

- **A** = depth of frame rebate up to sealing
- **B** = thickness of door leaf resp. 1st door rebate
- **A – B + 4 = Measure X**

The result has to be a measure between 4.0 mm and max. 6.0 mm. (steel frame: X = 5.0 mm)

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250945 5 (frame, step 1), template No. 5 250946 5 (frame, Step 2), template No. 5 250947 5 (door, step 1) and template No. 5 250948 5 (door, step 2).
**TE 540 3D Energy**

(exemplary illustration)

A = depth of frame rebate up to sealing  
B = thickness of door leaf resp. 1st door rebate  
A – B + 4 = Measure X  

The result has to be a measure between 4.0 mm and max. 6.0 mm. (steel frame: X = 5.0 mm)

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250680 5 (step 1), template No. 5 250681 5 (step 2) and template No. 5 250939 5 (additional routing Energy).

---

**TE 541 3D FVZ**

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250942 5 (frame, step 1), template No. 5 250943 5 (frame, step 2), template No. 5 250682 5 (frame, step 3), template No. 5 250942 5 (door, step 1), template No. 5 250943 5 (door, step 2) and template No. 5 250944 5 (door, Step 3).

---

**TE 311 FVZ**

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 251100 6, template No. 5 251101 6 (door, door thickness 40 mm) and template No. 5 251102 6 (door, door thickness 44 mm).
**ROUTING DATA**

**TE 540 3D A8 / TE 540 3D A8 FR**

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250680 5 (Step 1), template No. 5 250681 5 (Step 2) and template No. 5 250682 5 (Step 3).

---

**TE 626 3D A8**

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250689 5 (Step 1), template No. 5 250690 5 (Step 2) and template No. 5 250690 5 (Step 3).
**TE 640 3D A8 / TE 640 3D A8 FR**

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250659 5 (Step 1), template No. 5 250689 5 (Step 2) and template No. 5 250690 5 (Step 3).

---

**TE 540 3D A8 (without cladding)**

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250680 5 (Step 1), template No. 5 250681 5 (Step 2) and template No. 5 250687 5 (Step 3).
ROUTING DATA

**TE 626 3D A8** (without cladding)

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250659 S (Step 1), template No. 5 250689 S (Step 2) and template No. 5 250688 S (Step 3).

**TE 640 3D A8** (without cladding)

Conduct routing with cutter Ø 24 mm, collar ring Ø 30 mm and universal milling frame with template No. 5 250659 S (Step 1), template No. 5 250689 S (Step 2) and template No. 5 250688 S (Step 3).
**TECTUS® | 51**

**ROUTING DATA**

**TE 380 3D**
Conduct routing with cutter Ø 20 mm, collar ring Ø 30 mm and universal milling frame with template No. S 250955 S (frame, step 1), template No. S 250956 S (frame, step 2), template No. S 250957 S (frame, step 3), template No. S 250958 S (door, step 1) and template No. S 250959 S (door, step 2).

**TE 680 3D FD**
Conduct routing with cutter Ø 20 mm, collar ring Ø 30 mm.

<table>
<thead>
<tr>
<th>Overlap thickness</th>
<th>Template No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.0 mm</td>
<td>frame</td>
</tr>
<tr>
<td>22.0 mm</td>
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<td>23.0 mm</td>
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<td>24.0 mm</td>
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<tr>
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SIMONSWERK –
THE ORIGINAL HINGE SYSTEMS

SIMONSWERK is a leading manufacturer of heavy-duty, high performance hinge systems, producing premium hinges for over 125 years. As an industry pioneer for adjustable concealed door hinge systems, SIMONSWERK has built an impressive and extensive product offering including a wide range of architectural finishes for high-traffic and heavy-use doors.

With a hinge system for nearly every application, SIMONSWERK constantly strives to meet the demand for innovative design solutions, utilizing functional tools to ensure a simple and smooth installation process. In addition, SIMONSWERK makes every effort to offer an outstanding customer service experience.
QUALITY AND INNOVATION

The SIMONSWERK brand stands for innovation and high standards of quality and service. These cornerstones date back as far as 1889, with customized solutions leading to the development of new products every year.

SIMONSWERK’s quality requirements begin with the products, specifically in the selection of raw materials. Using high-quality materials allows for the largest possible freedom of design, providing diverse options for surface refinement and protection against corrosion.

State-of-the-art resources, including the latest manufacturing techniques and highly flexible automated production processes, make SIMONSWERK a competent partner for all aspects of door hinge technology. To meet the technical, safety and design requirements of modern architecture, SIMONSWERK hinge systems feature precise functioning, often exceeding demands and expectations.

A company’s innovative strength is expressed through its competence and its responsibility to its customers in the marketplace. Longevity, top-quality products, and creative thinking give SIMONSWERK the ability to open new markets with new ideas.
SERVICE – COMPREHENSIVE EXPERTISE FOR YOUR DAILY WORK

We are happy to provide you with all the documentation you need to calculate which is the most suitable hinge system for your requirements. Please contact us: we would be delighted to work with you to choose the best solution – from high-quality standard sets right up to the most complex solutions.

Please visit our home page for any information not included in this brochure. You will find it easy to navigate through our user-friendly website to arrive at the detailed, comprehensive solutions.

All our brochures and data sheets can be requested in a printed version, or you can simply download them on the spot – and the same applies to our fitting instructions and milling data.

www.simonswerk.com
Whether you are a manufacturer, trade partner or designer, at www.simonswerk.com you can find precise, detailed product descriptions that will help you to choose the most suitable hinge systems.
CONTAINS

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TE 526 3D  TECTUS® FVZ
TE 527 3D  TECTUS® rebated
TE 540 3D  TECTUS® entrance door
TE 640 3D  TECTUS® FR

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