

## TE 640 3D

for unrebated high performance heavy-duty doors



### Product features

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

### Technical data

| Property             | Value    |
|----------------------|----------|
| Load capacity        | 200.0 kg |
| Overall length       | 240.0 mm |
| Width (door part)    | 32.0 mm  |
| Width (frame part)   | 32.0 mm  |
| Min. door thickness  | 40.0 mm  |
| Cutter diameter      | 24.0 mm  |
| Collar ring diameter | 30.0 mm  |
| Opening angle        | 180°     |

### Quality marks



CE certification



IFT certification



UL certification

### Classification code

EN 1935 / EAD

|   |   |   |                 |   |                 |   |    |
|---|---|---|-----------------|---|-----------------|---|----|
| 4 | 7 | 7 | 1 <sup>*1</sup> | 1 | — <sup>*2</sup> | 1 | 14 |
|---|---|---|-----------------|---|-----------------|---|----|

<sup>\*1</sup> Test evidence for functional doors to be achieved with full door sets and assemblies.

<sup>\*2</sup> depending on the finish

**TECTUS - TE 640 3D****Notes**

The load capacity mentioned above refers to two hinges per door leaf (1 x 2 m). Also the load capacities of the respective combined receiver have to be taken into consideration. For detailed information please look at the chapter [technical information](#).

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

The suitability for fire doors depends on the door construction.

**Installation tools**

Universal milling frame

Template 5 250659 5

Template 5 250689 5

step 1

step 2

**Combinations**

TE 640 3D FZ

TE 640 3D BW/16

TE 640 3D BW/20

TE 640 3D SZ

TE 640 3D ST

Plug-in screw TE Type 1

**Function range**

burglar  
resistance



fire resistance



smoke  
resistance

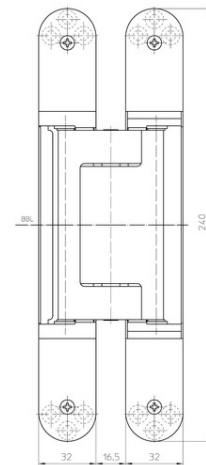


soundproof

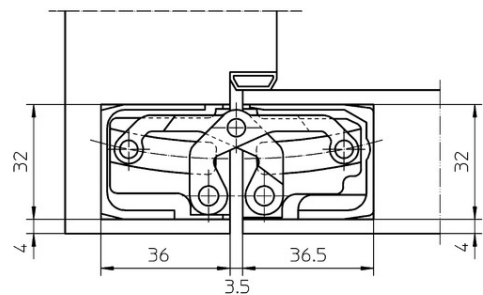
**Item versions**

Finish

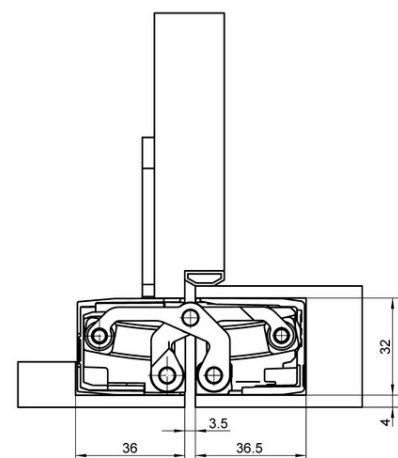
Polished brassed (SW)



front view



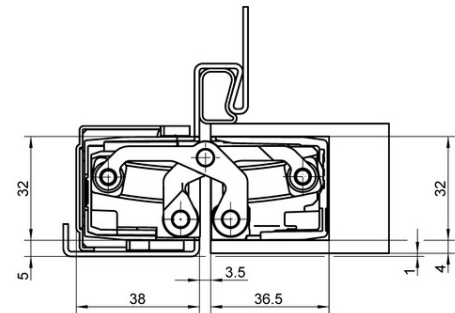
block frame



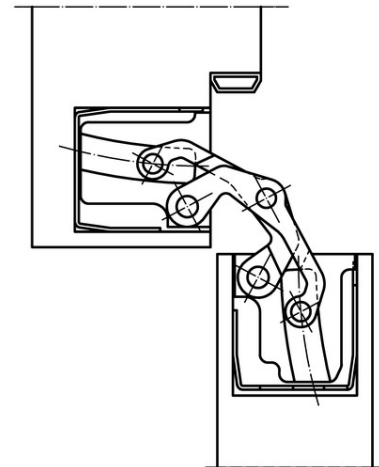
casing frame

## TECTUS - TE 640 3D

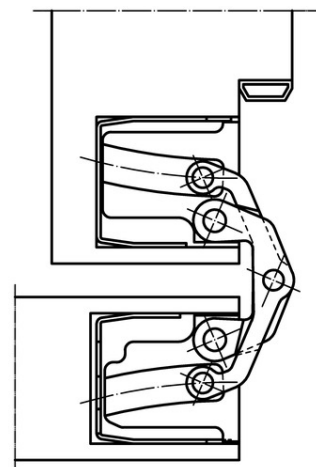
|                |                                 |
|----------------|---------------------------------|
| VPE            | 030)                            |
| DIN            | pack of 2                       |
| ITEM NO.       | DIN right and left hand         |
| ITEM NO. (SAP) | 5 400696 0 03002                |
| EAN            | 500003987                       |
|                | 4015471127312                   |
| Finish         | Polished nickelled (SW 038)     |
| VPE            | pack of 2                       |
| DIN            | DIN right and left hand         |
| ITEM NO.       | 5 400696 0 03802                |
| ITEM NO. (SAP) | 500003988                       |
| EAN            | 4015471127336                   |
| Finish         | Satin brassed (SW 047)          |
| VPE            | pack of 2                       |
| DIN            | DIN right and left hand         |
| ITEM NO.       | 5 400696 0 04702                |
| ITEM NO. (SAP) | 500003989                       |
| EAN            | 4015471128258                   |
| Finish         | RAL 9016 Traffic White (SW 070) |
| VPE            | pack of 2                       |
| DIN            | DIN right and left hand         |
| ITEM NO.       | 5 400696 0 07002                |
| ITEM NO. (SAP) | 500003990                       |
| EAN            | 4015471127411                   |
| Finish         | RAL 9005 Matt Black (SW 107)    |
| VPE            | pack of 2                       |
| DIN            | DIN right and left hand         |
| ITEM NO.       | 5 400696 0 10702                |
| ITEM NO. (SAP) | 500003993                       |
| EAN            | 4015471128197                   |
| Finish         | Satin Chrome Look (F1) (SW 124) |
| VPE            | pack of 2                       |
| DIN            | DIN right and left hand         |
| ITEM NO.       | 5 400696 0 12402                |
| ITEM NO. (SAP) | 500003995                       |



steel frame



block frame 90°



block frame 180°

**TECTUS - TE 640 3D**

|                |                                        |
|----------------|----------------------------------------|
| EAN            | 4015471128227                          |
| Finish         | Satin Nickel Look (F2)<br>(SW 125)     |
| VPE            | pack of 2                              |
| DIN            | DIN right and left hand                |
| ITEM NO.       | 5 400696 0 12502                       |
| ITEM NO. (SAP) | 500003996                              |
| EAN            | 4015471128234                          |
| Finish         | Stainless Steel Look<br>(SSL) (SW 126) |
| VPE            | pack of 2                              |
| DIN            | DIN right and left hand                |
| ITEM NO.       | 5 400696 0 12602                       |
| ITEM NO. (SAP) | 500003997                              |
| EAN            | 4015471128456                          |
| Finish         | Satin Nickel (SW 144)                  |
| VPE            | pack of 2                              |
| DIN            | DIN right and left hand                |
| ITEM NO.       | 5 400696 0 14402                       |
| ITEM NO. (SAP) | 500003998                              |
| EAN            | 4015471128302                          |
| Finish         | Satin Chrome (SW<br>146)               |
| VPE            | pack of 2                              |
| DIN            | DIN right and left hand                |
| ITEM NO.       | 5 400696 0 14602                       |
| ITEM NO. (SAP) | 500003999                              |
| EAN            | 4015471128296                          |
| Finish         | Rustic Umber (SW 156)                  |
| VPE            | pack of 2                              |
| DIN            | DIN right and left hand                |
| ITEM NO.       | 5 400696 0 15602                       |
| ITEM NO. (SAP) | 500004000                              |
| EAN            | 4015471128470                          |
| Finish         | Bronze Metallic (SW<br>168)            |
| VPE            | pack of 2                              |
| DIN            | DIN right and left hand                |
| ITEM NO.       | 5 400696 0 16802                       |

**TECTUS - TE 640 3D**

|                |                              |
|----------------|------------------------------|
| ITEM NO. (SAP) | 500004001                    |
| EAN            | 4015471128487                |
| Finish         | Bronze Finish (SW 174)       |
| VPE            | pack of 2                    |
| DIN            | DIN right and left hand      |
| ITEM NO.       | 5 400696 0 17402             |
| ITEM NO. (SAP) | 500004002                    |
| EAN            | 4015471128494                |
| Finish         | Bronze Finish light (SW 175) |
| VPE            | pack of 2                    |
| DIN            | DIN right and left hand      |
| ITEM NO.       | 5 400696 0 17502             |
| ITEM NO. (SAP) | 500004003                    |
| EAN            | 4015471128500                |
| Finish         | Bronze Finish dark (SW 176)  |
| VPE            | pack of 2                    |
| DIN            | DIN right and left hand      |
| ITEM NO.       | 5 400696 0 17602             |
| ITEM NO. (SAP) | 500004004                    |
| EAN            | 4015471128517                |