

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 a homogeneous mortise appearance
- with 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 |
| Cutter diameter | 24,0 mm |
| Collar ring diameter | 30,0 mm |
| Opening Angle | 180° |

Notes

Quality marks



Certification CE



Certification IFT



Certification UL

Classification key

| | | | | | | | |
|---|---|---|-----------------|---|-----------------|---|----|
| 4 | 7 | 7 | 1 ^{*1} | 1 | — ^{*2} | 1 | 14 |
|---|---|---|-----------------|---|-----------------|---|----|

*1 Test evidence for functional doors to be achieved with full door sets and assemblies.

*2 depending on the finish

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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.

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

Function range



burglar resistance



fire resistance



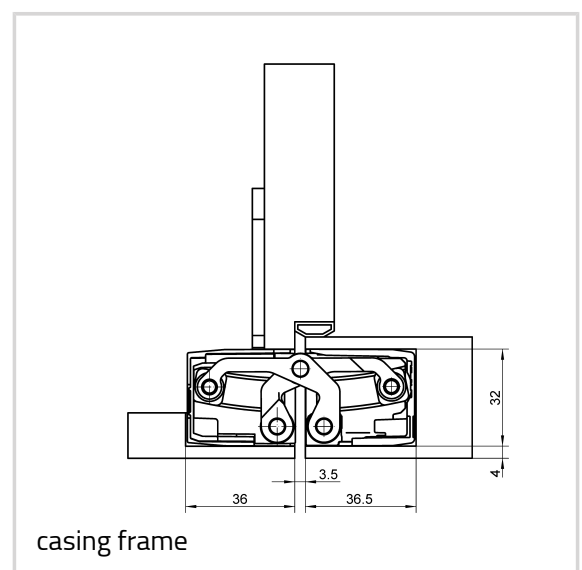
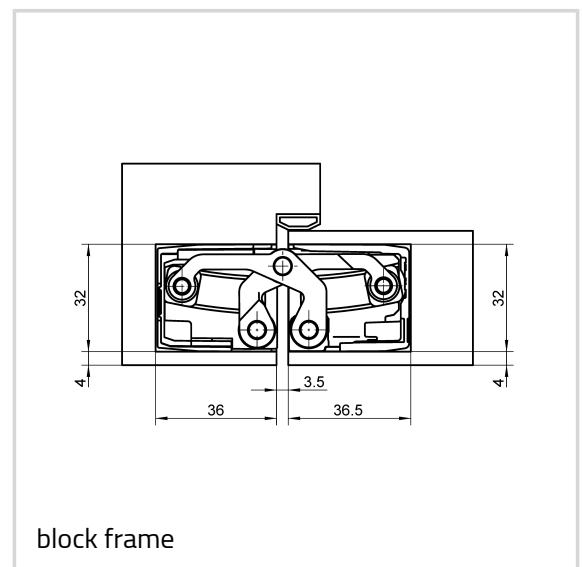
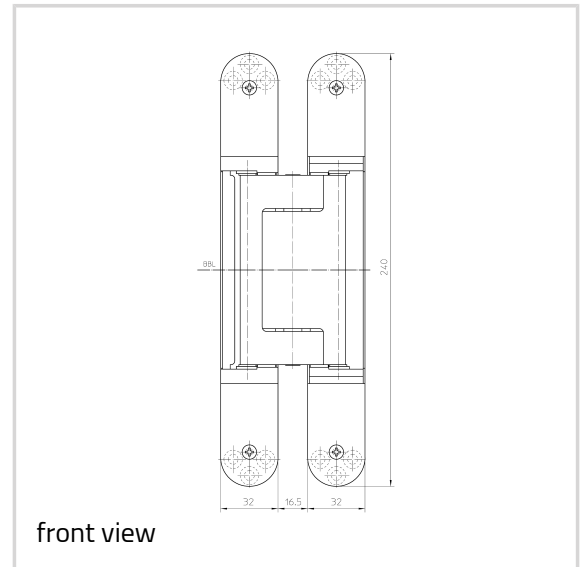
smoke resistance



soundproof

Item versions

| | |
|----------------|--------------------------|
| Finish | polished brass (030) |
| OF-No. | 030 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 03002 |
| EAN | 4015471127312 |
| Finish | polished nickelled (038) |



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| | |
|----------------|-------------------------|
| OF-No. | 038 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 03802 |
| EAN | 4015471127336 |

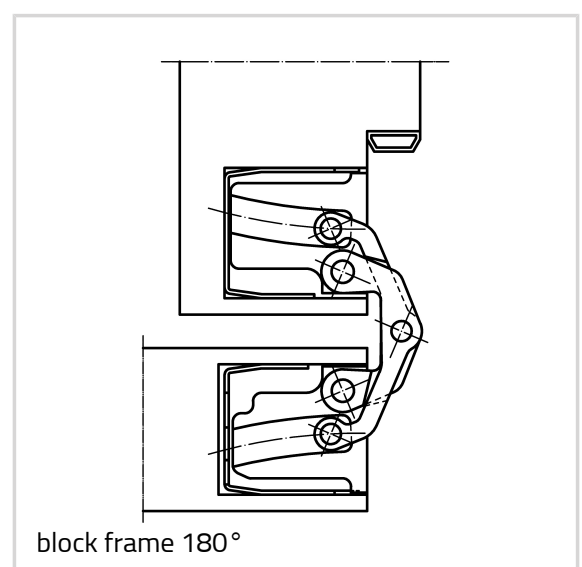
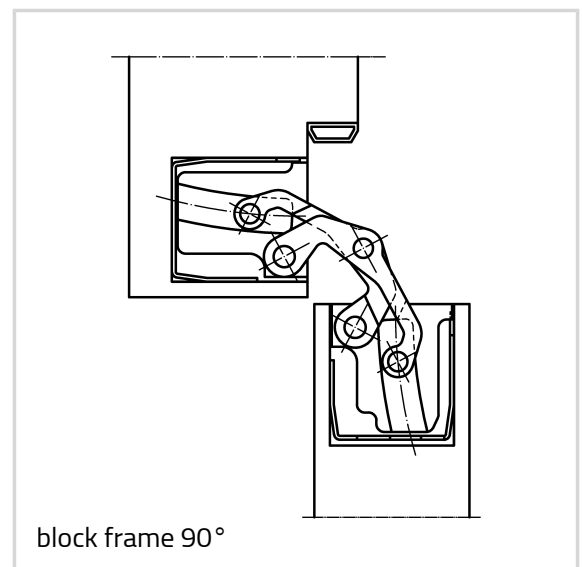
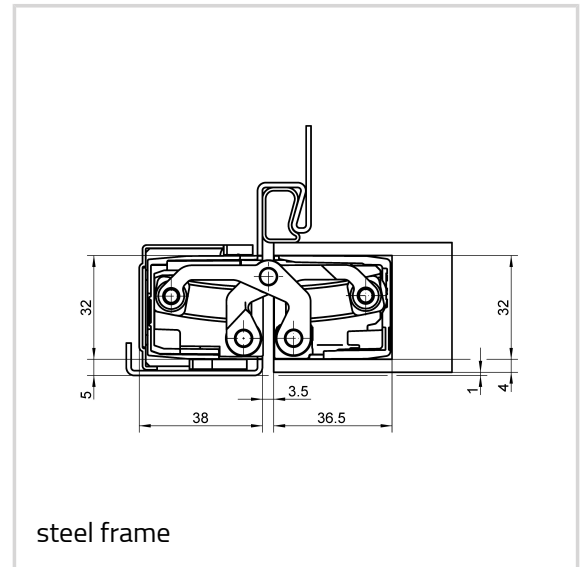
| | |
|----------------|-------------------------|
| Finish | satin brassed (047) |
| OF-No. | 47 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 04702 |
| EAN | 4015471128258 |

| | |
|----------------|------------------------------|
| Finish | RAL 9016 Traffic White (070) |
| OF-No. | 070 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 07002 |
| EAN | 4015471127411 |

| | |
|----------------|----------------------------|
| Finish | RAL 9005 Matte Black (107) |
| OF-No. | 107 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 10702 |
| EAN | 4015471128197 |

| | |
|----------------|------------------------------|
| Finish | Satin Chrome Look (F1) (124) |
| OF-No. | 124 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 12402 |
| EAN | 4015471128227 |

| | |
|----------------|------------------------------|
| Finish | Satin Nickel Look (F2) (125) |
| OF-No. | 125 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 12502 |
| EAN | 4015471128234 |



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| | |
|----------------|-------------------------------------|
| Finish | Stainless Steel Look (SSL) (126) |
| OF-No. | 126 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 12602 |
| EAN | 4015471128456 |
| Finish | Satin Nickel (144) |
| OF-No. | 144 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 14402 |
| EAN | 4015471128302 |
| Finish | Satin Chrome (146) |
| OF-No. | 146 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 14602 |
| EAN | 4015471128296 |
| Finish | Rustic Umber (156) |
| OF-No. | 156 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 15602 |
| EAN | 4015471128470 |
| Finish | Bronze Metallic (168) |
| OF-No. | 168 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 16802 |
| EAN | 4015471128487 |
| Finish | Bronze Finish (174) |
| OF-No. | 174 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 17402 |
| EAN | 4015471128494 |
| Finish | Bronze Finish light (175) |

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|----------------|--------------------------|
| OF-No. | 175 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 17502 |
| EAN | 4015471128500 |
| Finish | Bronze Finish dark (176) |
| OF-No. | 176 |
| VPE | pack of 2 |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 17602 |
| EAN | 4015471128517 |
| Finish | coloured (079) |
| OF-No. | 079 |
| VPE | EUR-pallet |
| DIN | DIN right and left hand |
| Article number | 5 400696 0 07975 |
| EAN | 4015471128166 |