Door panel partitioning and opening direction
side opening landing- and car doors

TTS/TTK 25 S/K-2-R
right opening

TTS/TTK 25 S/K-2-L
left opening
Door panel partitioning
center opening landing- and car doors

TTS/TTK 28 S/K-4-Z
Mounting scheme
for side opening landing door (TTS 25 S-2-R/L)

CDH: Clear Door Height
CDW: Clear Door Width
TH: Transom Height
FWC: Frame Width Closing Side
TWC: Transom Width Closing Side
FWR/FWL: Frame Width right/left
TWR/TWL: Transom Width right/left

For sill angle in standard length
C=FWC, and B=FWR or FWL depending on opening direction

For sill angle in transom width
C=TWC, and B=TWR or TWL depending on Opening direction

Right opening as shown
Mirror-image for left opening
Subject to alterations!
**Dimension sheet TTS 25 S-2-R/L**

Standard frame dimensions see page 5 and page 6

Right opening as shown
Mirror-image for left opening

*if dimensions are not in accordance with DIN 18091, doors built in a similar design to DIN 18091*

**with reservations to special door types, designs and categories**

**EU: Emergency Unlocking**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>acc. DIN18091*</th>
<th>acc. DIN18091 and EN81-58**</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDW: Clear Door Width</td>
<td>700 - 1400mm</td>
<td>700 - 1400mm</td>
</tr>
<tr>
<td>CDH: Clear Door Height</td>
<td>2000 - 2300mm</td>
<td>2000 - 2300mm</td>
</tr>
<tr>
<td>FD: Frame Depth</td>
<td>23 - 100mm</td>
<td>23 - 90mm</td>
</tr>
<tr>
<td>FH: Frame Height</td>
<td>50 - 218mm</td>
<td>50 - 200mm</td>
</tr>
<tr>
<td>FWC: Frame Width Closing Side</td>
<td>80 - TWC</td>
<td>80 - TWC</td>
</tr>
<tr>
<td>TWC: Transom Width Closing Side</td>
<td>80 - 350mm</td>
<td>80 - 200mm</td>
</tr>
<tr>
<td>FWR/FWL: Frame Width right/left</td>
<td>80 - TWR/TWL</td>
<td>80 - 200mm</td>
</tr>
<tr>
<td>TWR/TWL: Transom Width right/left</td>
<td>CDW/2+35 - 1000mm</td>
<td>CDW/2+35</td>
</tr>
</tbody>
</table>

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Shaft wall cut out TTS 25 S-2-R/L EvoN

X = Assembly clearance ≤ 20mm

** = dimensions only needed for optional fixing brackets on transom sidewalls (upon request)

EN81-58: The connection joint between the door frame and the bordering shaft wall must be completely sealed around the whole joint using an approved construction material which is authorised within the country of use.

Wall anchors max. M16 (not included in scope of delivery)

Subject to alterations
** = dimensions only needed for optional fixing brackets on transom sidewalls (upon request)!

EN81-58: It must be ensured that the maximum protrusion of the frame sections into the clear wall opening is 80mm (see diagram). Should this not be the case, appropriate measures (e.g. walling up) must be undertaken to attain a maximum protrusion of 80mm. The connection joint between the door frame and the bordering shaft wall must be completely sealed around the whole joint using an approved construction material which is authorised within the country of use.

Wall anchors max. M16 (not included in scope of delivery)
Mounting scheme
for center opening landing door (TTS 28 S-4-Z)

CDH: Clear Door Height
CDW: Clear Door Width
TH: Transom Height
FWR/FWL: Frame Width right/left
TWR/TWL: Transom Width right/left

For sill angle in standard length
C=FWL, and B=FWR

For sill angle in transom width
C=TWL, and B=TWR

Subject to alterations!
Dimension sheet TTS 28 S-4-Z

CDW: Clear Door Width
1000 - 2400mm
1000 - 2400mm

CDH: Clear Door Height
2000 - 2300mm
2000 - 2300mm

FD: Frame Depth
23 - 100mm
23 - 90mm

FH: Frame Height
80 - 218mm
80 - 200mm

FWR/FWL: Frame Width right/left
80 - TWR/TWL
80 - 200mm

TWR/TWL: Transom Width right/left
CDW/4+35 - 1000mm
CDW/4+35

Standard frame dimensions
see page 9 and page 10

* if dimensions are not in accordance with DIN 18091, doors built in a similar design to DIN 18091

** with reservations to special door types, designs and categories

EU: Emergency Unlocking

Subject to alterations!
Shaft wall cut out TTS 28 S-4-Z EvoN

- EN81-58: The connection joint between the door frame and the bordering shaft wall must be completely sealed around the whole joint using an approved construction material which is authorised within the country of use.

- Wall anchors max. M16 (not included in scope of delivery)

- Subject to alterations

Standard Frame Dimensions:
- FD: 40mm
- FH: 100mm
- FWR/L: 100mm

X = Assembly clearance ≤20mm
** = dimensions only needed for optional fixing brackets on transom sidewalls (upon request)!
Shaft wall cut out TTS 28 S-4-Z EvoS

EN81-58: It must be ensured that the maximum protrusion of the frame sections into the clear wall opening is 80mm (see diagram). Should this not be the case, appropriate measures (e.g. walling up) must be undertaken to attain a maximum protrusion of 80mm. The connection joint between the door frame and the bordering shaft wall must be completely sealed around the whole joint using an approved construction material which is authorised within the country of use.

Wall anchors max. M16 (not included in scope of delivery)
Mounting scheme
for side opening car door (TTK 25 K-2-R/L)

CDW: Clear Door Width
CDH: Clear Door Height
TH: Transom Height
TD: Car Door Depth
TWC: Transom Width Closing Side
TWR/TWL: Transom Width right/left

Right opening as shown
Mirror-image for left opening
Subject to alterations!
Dimension Sheet TTK 25 K-2-R/L

CDW: Clear Door Width 700 – 1400mm
CDH: Clear Door Height 2000 – 2300mm
TH: Transom Height 305mm
TWC: Transom Width Closing Side 50mm
TWR/TWL: Transom Width right/left CDW/2+35 – as per order
EU: Emergency Unlocking

Right opening as shown
Mirror-image for left opening
Subject to alterations!
Mounting scheme for center opening car door (TTK28 K-4-Z)

CDW: Clear Door Width
CDH: Clear Door Height
TH: Transom Height
TWR/TWL: Transom Width right/left

Subject to alterations!
Dimension Sheet TTK28 K-4-Z

CDW: Clear Door Width 1000 – 2400mm
CDH: Clear Door Height 2000 – 2300mm
TH: Transom Height 305mm
TWR/TWL: Transom Width right/left CDW/4+35 – as per order
EU: Emergency Unlocking

Subject to alterations!
Mounting scheme and number of toe guard support brackets
TTK 25

when: 700<CDW≤1300

when: 1300<CDW≤1400

Number of toe guard support brackets:

<table>
<thead>
<tr>
<th>Condition</th>
<th>Number of Brackets</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDW = 700</td>
<td>2</td>
</tr>
<tr>
<td>700 &lt; CDW ≤ 1300</td>
<td>3</td>
</tr>
<tr>
<td>1300 &lt; CDW ≤ 1400</td>
<td>4</td>
</tr>
</tbody>
</table>

Material thickness sill support:

\[ t \leq 10 \text{mm} \]
Mounting scheme and number of toe guard support brackets
TTK 28

when: 1000<CDW≤1300
1900<CDW≤2400

when: 1300<CDW≤1900

Number of toe guard support brackets:
3 when 1000 < CDW ≤ 1300
4 when 1300 < CDW ≤ 1900
5 when 1900 < CDW ≤ 2400