

Stairway 700/1000

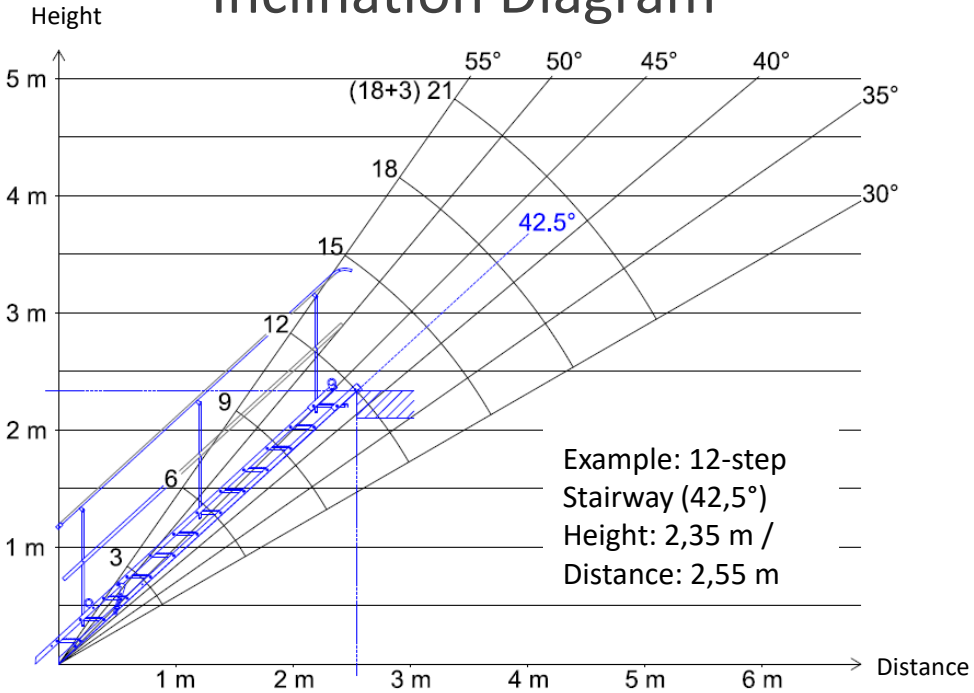
Temporary access solutions for construction sites
according to EN 12811



Inhaltsverzeichnis

| | |
|--|----|
| Inclination Diagram. | 3 |
| Stairway Assembly. | 4 |
| Slabfix for Stairway. | 5 |
| Scaffoldfix for Stairway | 6 |
| Stairway Support Assembly. | 7 |
| Stairway 700 and 1000 | 8 |
| 3-step Stairway. | 9 |
| 6-step Stairway. | 10 |
| 9-step Stairway. | 11 |
| 12-step Stairway. | 12 |
| 15-step Stairway. | 13 |
| 18-step Stairway. | 14 |
| Connection of two Stairways. | 15 |
| Connection of two Handrails. | 16 |
| Order of two connected Stairways | 17 |
| Stairway Components. | 29 |
| Description of Stairway Components. | 30 |
| Illustration of Stairway Components. | 31 |
| Needed Screws and Nuts. | 33 |
| Sticker for Stairways. | 34 |

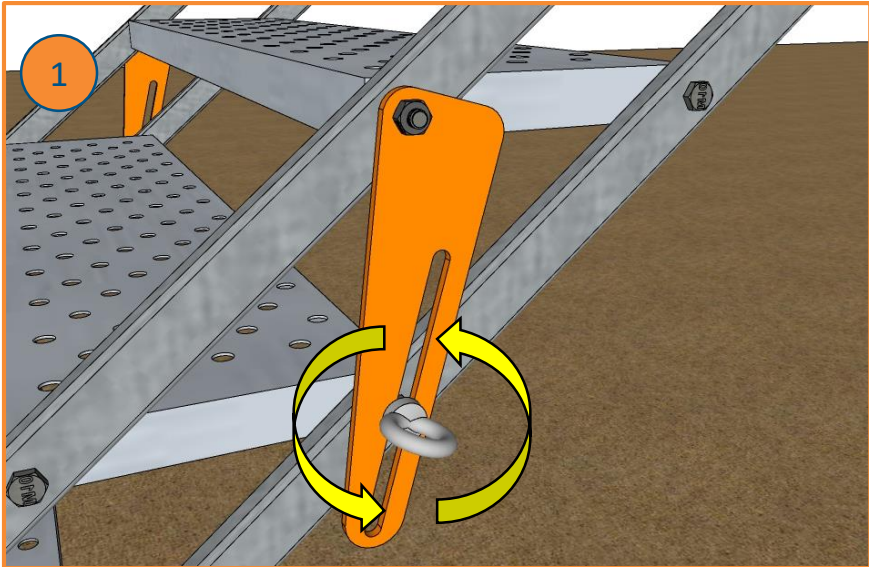
Inclination Diagram



| Connection of two Stairways (self-supporting) | 3 steps | 6 steps | 9 steps | 12 steps | 15 steps | 18 steps |
|---|---------|---------|---------|----------|----------|----------|
| 3 steps | ✓ | ✓ | ✓ | ● | ✓ | ✓ |
| 6 steps | ✓ | ✓ | ● | ● | ✓ | ✗ |
| 9 steps | ✓ | ● | ● | ● | ✗ | ✗ |
| 12 steps | ● | ● | ● | ✗ | ✗ | ✗ |
| 15 steps | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| 18 steps | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |

✓ yes
 ✗ no
 ● Support needed

Stairway Assembly



Loose all the locks so that the stairways can be unfolded at the edge of the slab.

The bolts of the step do not have to be released.

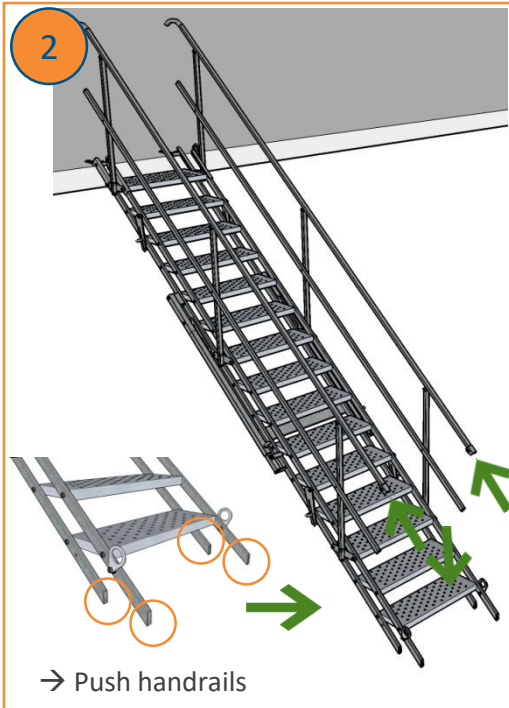
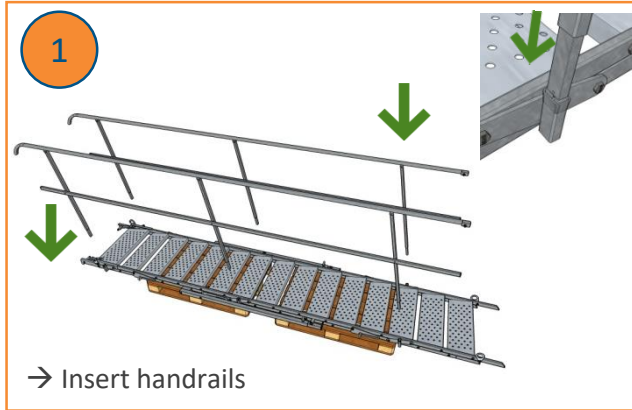


Stairway 3-, 6-, 9-
steps two locks (one
on each side)

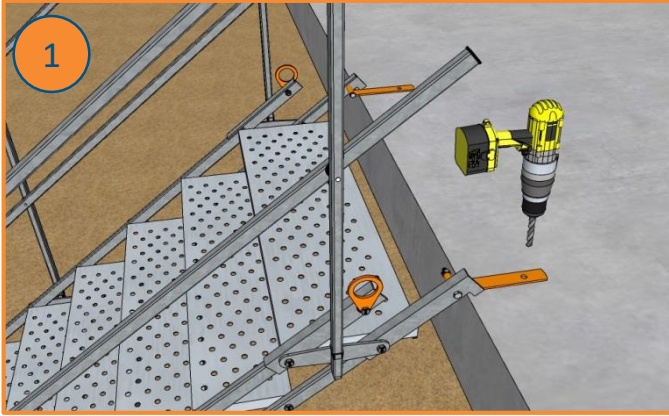


Stairway 12-, 15-, 18-
steps four locks (two
on each side)

Stairway Assembly

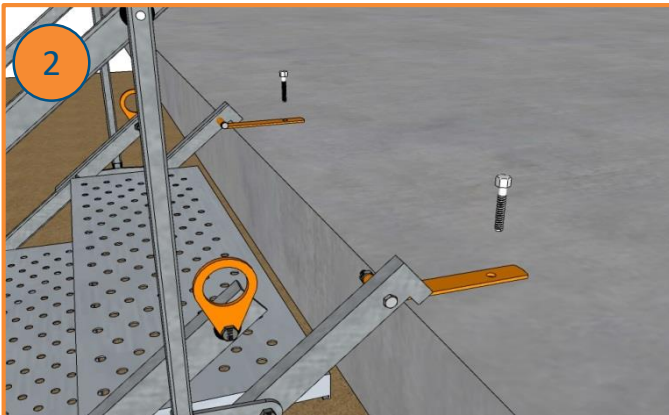


Slabfix for Stairway

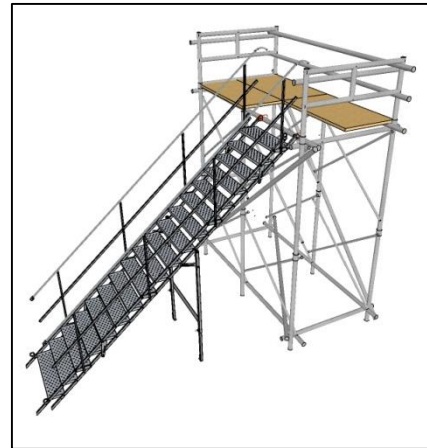
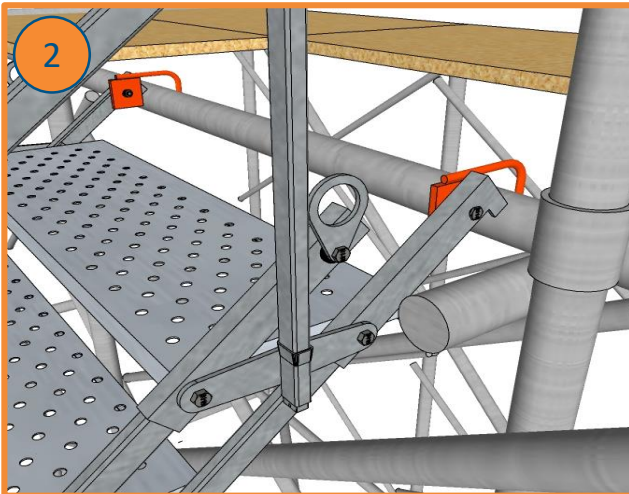
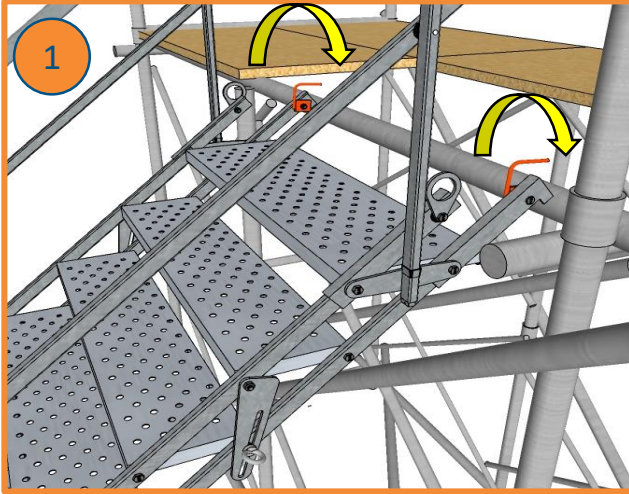


Fastening of the Slabfix with heavy-duty anchor

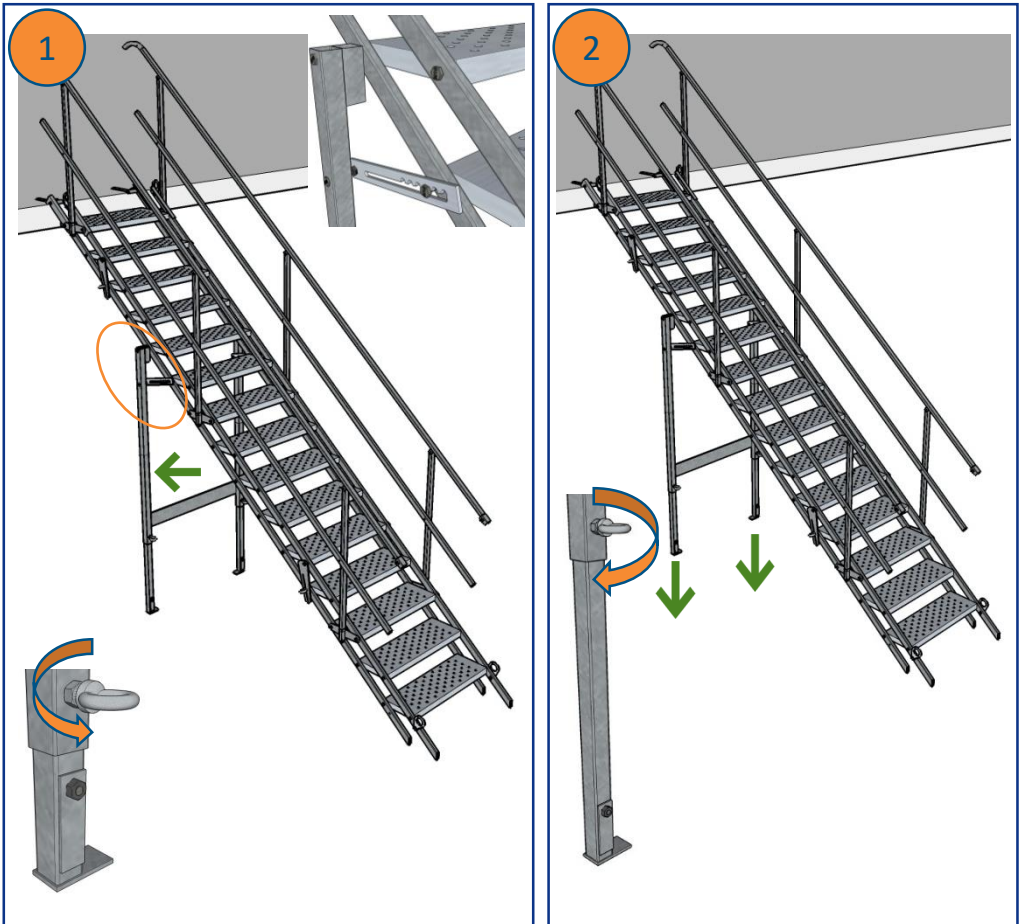
For example Hilti heavy-duty anchor HSL-3 M12/5 or similar



Scaffoldfix for Stairway



Stairway Support Assembly

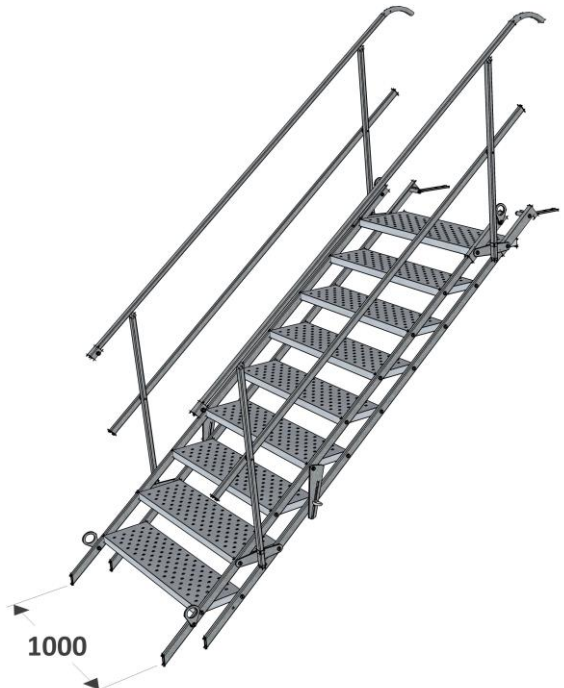


Stairway 700 and 1000



Inner width:
approx. 700 mm

Inner width:
approx. 1000 mm

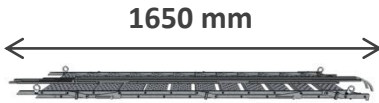


3-step Stairway

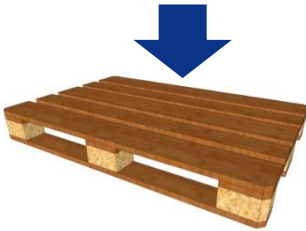
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 5060003
40 kg

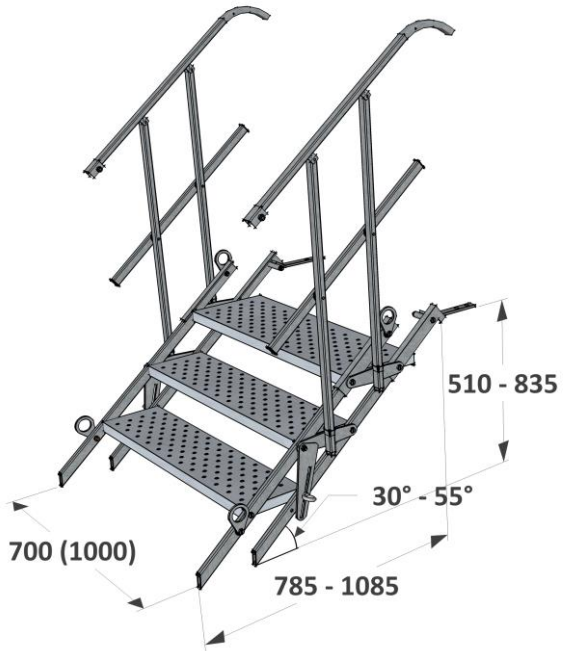
Stairway 1000 mm:
Item No.: 5061003
45 kg



Max. 10 pcs



Stairway 700 mm: 420 kg
Stairway 1000 mm: 470 kg



Max. 2
persons

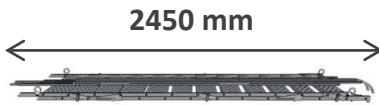
[mm]

6-step Stairway

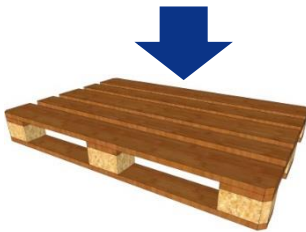
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 5060006
63 kg

Stairway 1000 mm:
Item No.: 5061006
73 kg



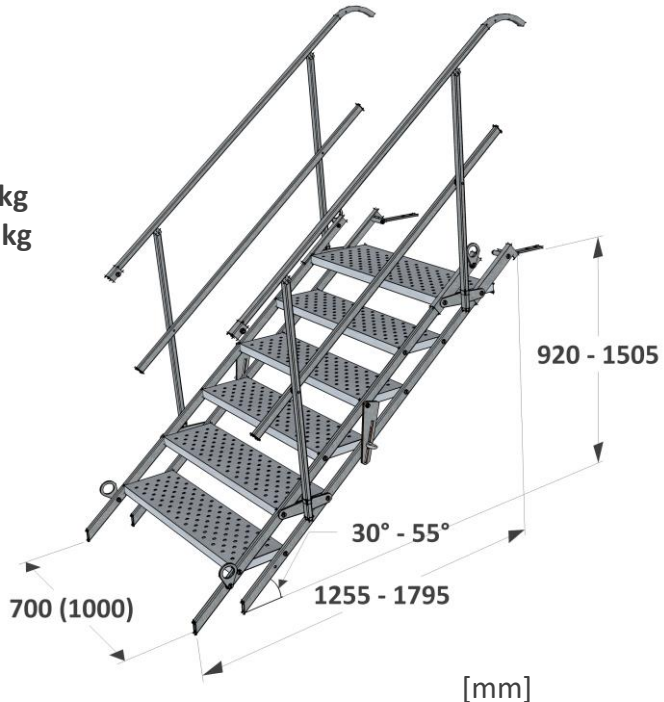
Max. 10 pcs



Stairway 700 mm: 650 kg
Stairway 1000 mm: 750 kg



Max. 2
persons

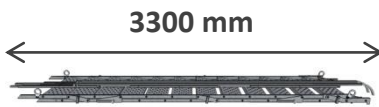


9-step Stairway

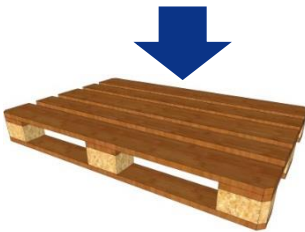
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 5060009
85 kg

Stairway 1000 mm:
Item No.: 5061009
99 kg



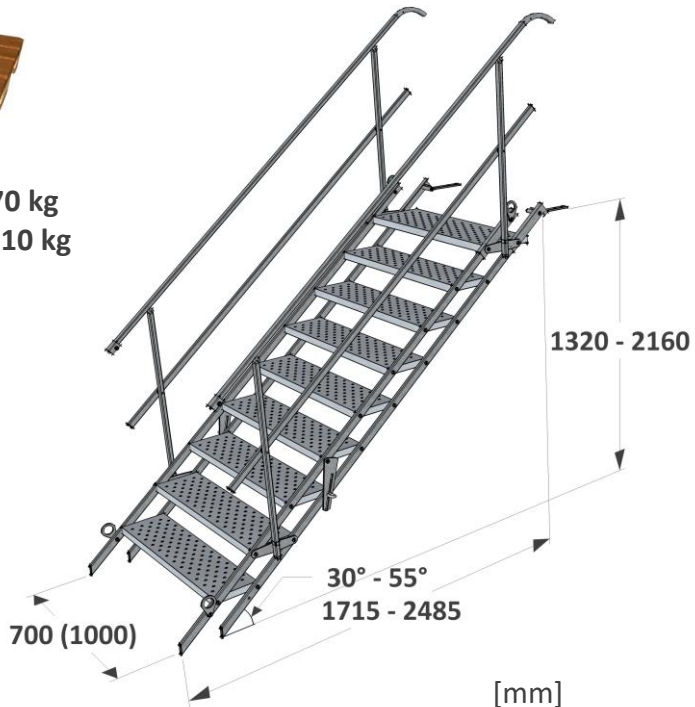
Max. 10 pcs



Stairway 700 mm: 870 kg
Stairway 1000 mm: 1010 kg



Max. 2
persons

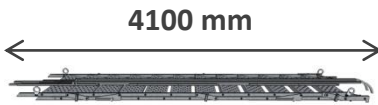


12-step Stairway

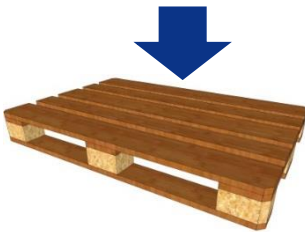
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 5060012
115 kg

Stairway 1000 mm:
Item No.: 5061012
132 kg



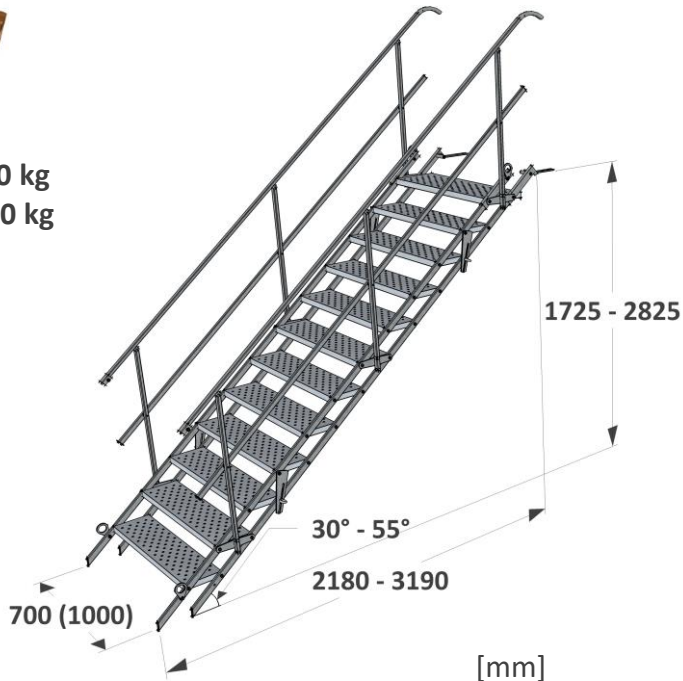
Max. 10 pcs



Stairway 700 mm: 1170 kg
Stairway 1000 mm: 1340 kg



Max. 2
persons

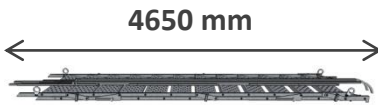


15-step Stairway

EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 5060015
152 kg

Stairway 1000 mm:
Item No.: 5061015
175 kg



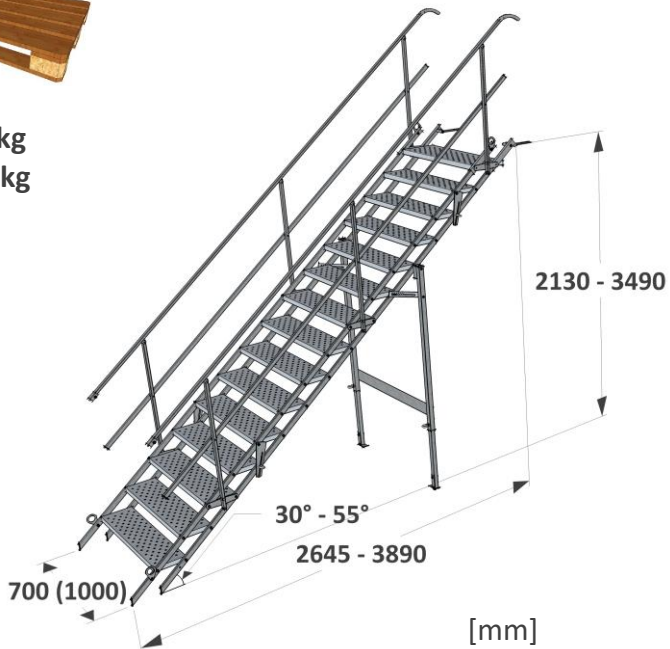
Max. 5 pcs



Stairway 700 mm: 800 kg
Stairway 1000 mm: 915 kg



Max. 2
persons

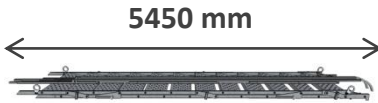


18-step Stairway

EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 5060018
180 kg

Stairway 1000 mm:
Item No.: 5061018
210 kg



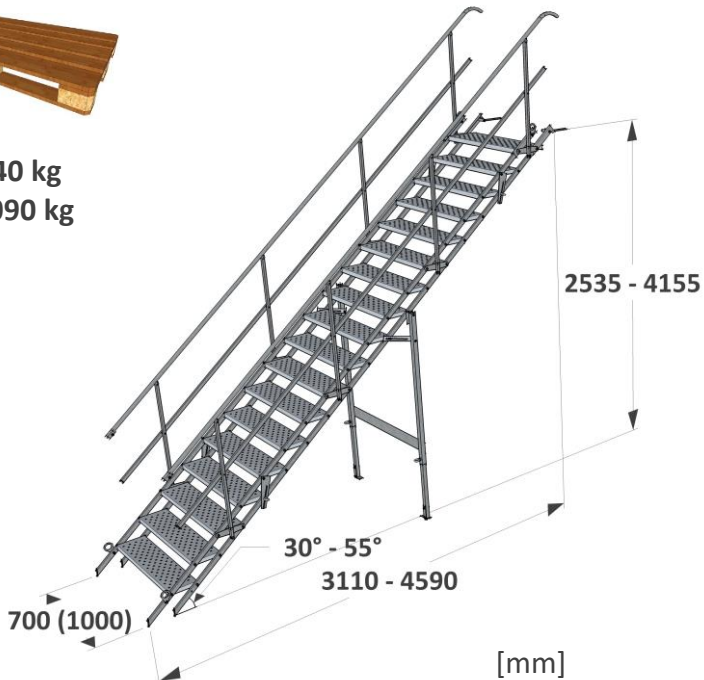
Max. 5 pcs



Stairway 700 mm: 940 kg
Stairway 1000 mm: 1090 kg



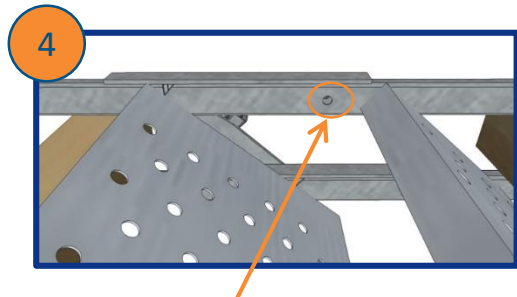
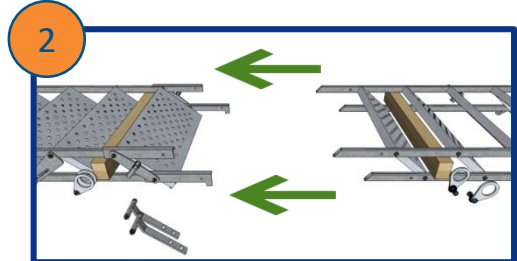
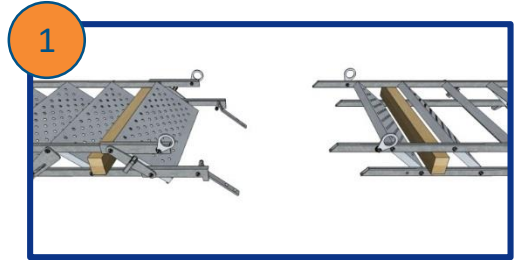
Max. 2
persons



Connection of two Stairways



- max. 2 stairways (self-supporting)
- max. 21 steps (self-supporting)
- 15 – 21 steps only with the stairway support
- > 21 steps without a stairway support, not self-supporting, e.g. on slope subsoil



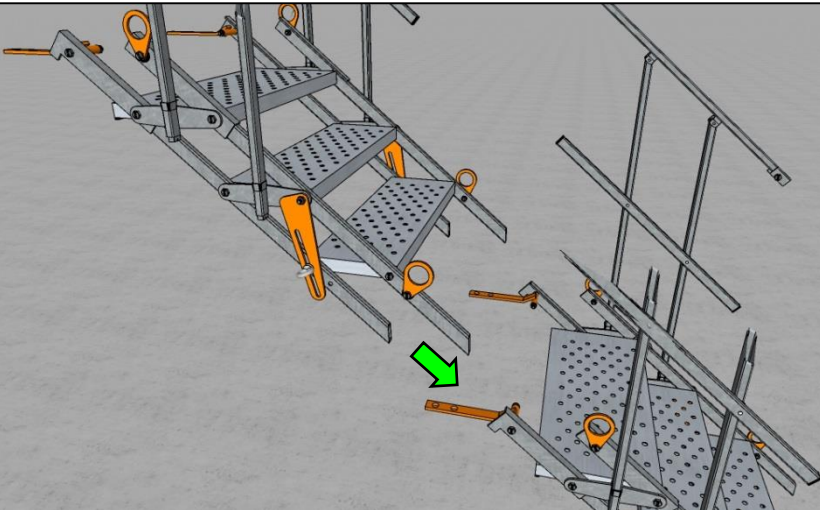
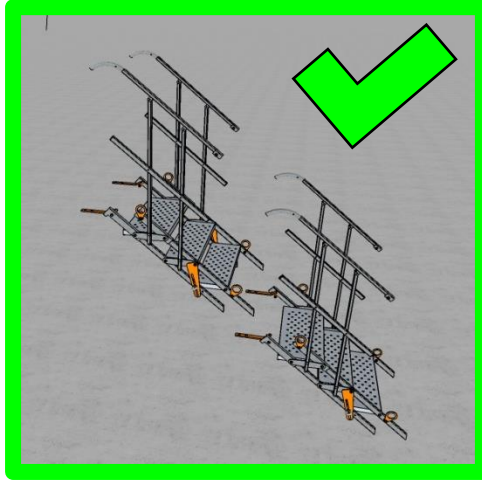
4 times connection with screws

Connection of two Handrails

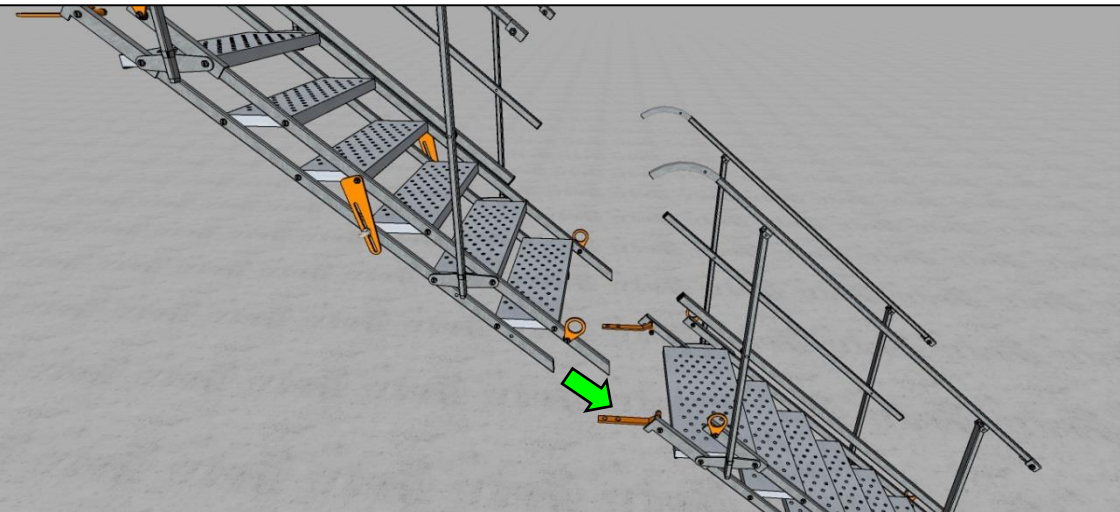
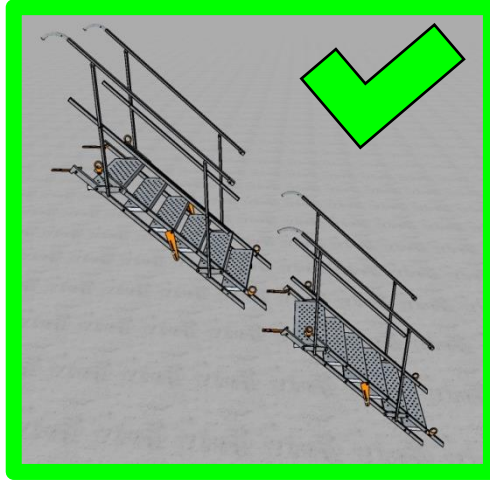


2 times connection with screws

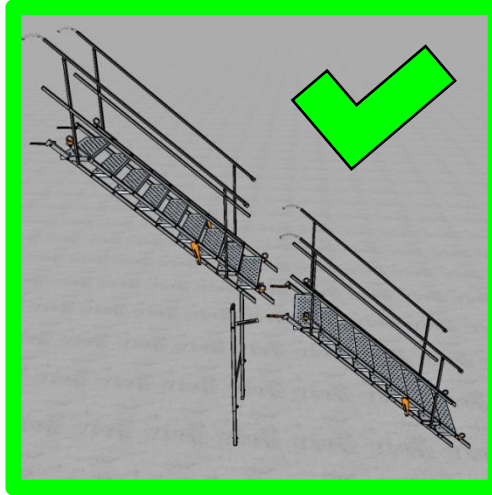
Connection 3-step Stairway with 3-step Stairway



Connection 6-step Stairway with 6-step Stairway



Connection 9-step Stairway with 9-step Stairway

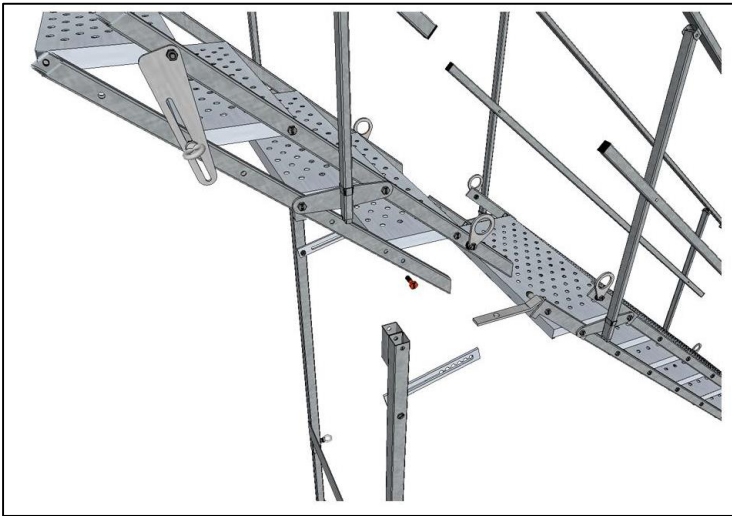


- **Further support needed**
- **Assembly via Screws at step 10**

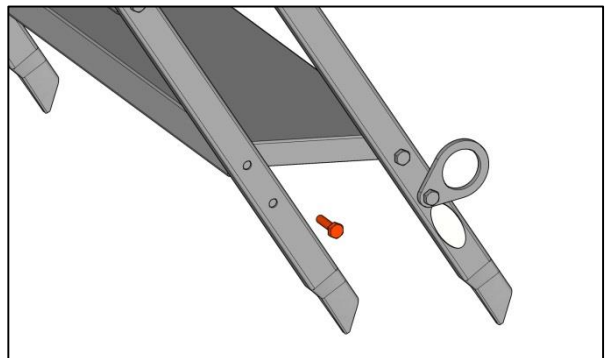


Connection 9-step Stairway with 9-step Stairway

Assembly of the support

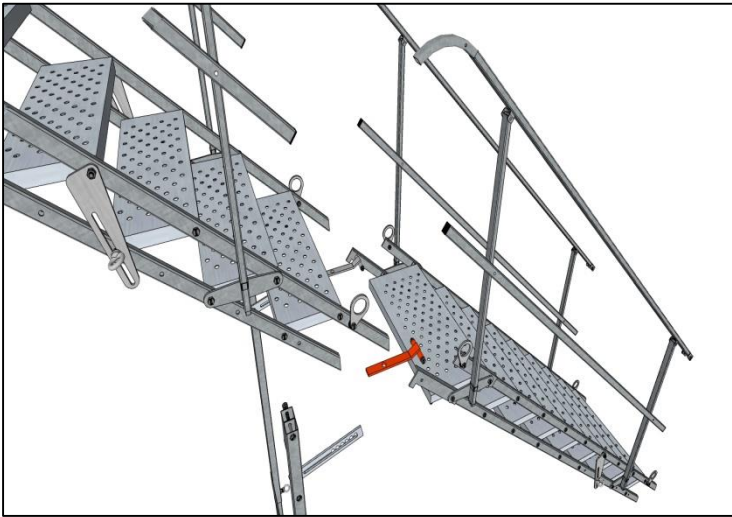


Remove bold ISO 4017 M10x35 8.8 and nut with clamping part ISO 10511 M10 8 at step 1 of the upper stairway at both lower side beams.

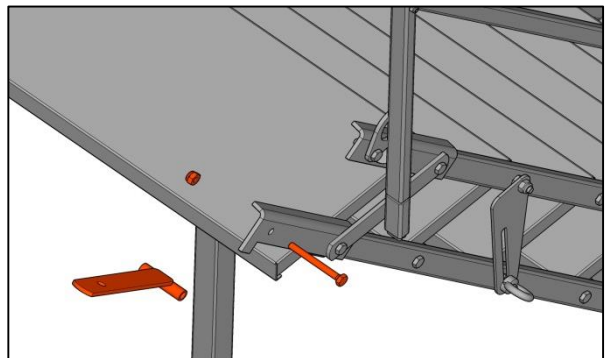


Connection 9-step Stairway with 9-step Stairway

Assembly of the support

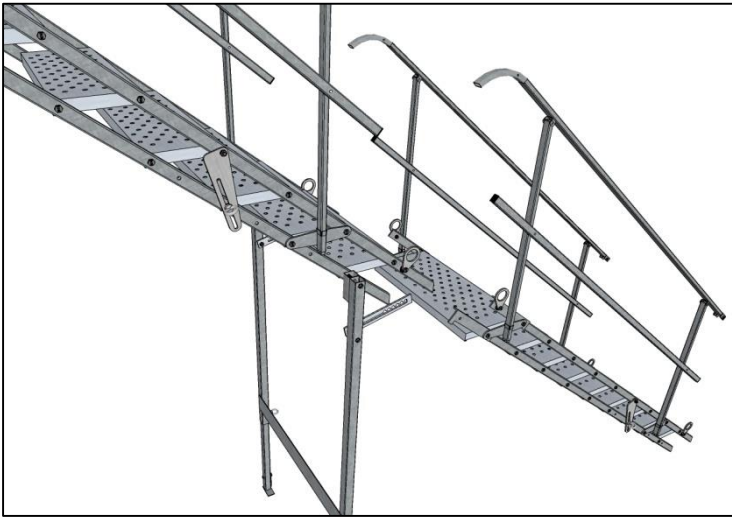


Remove bolt ISO 4017 M10x90 8.8 and nut with clamping part ISO 10511 M10 8 and the slabfix at the lower stairway on both lower side beams.

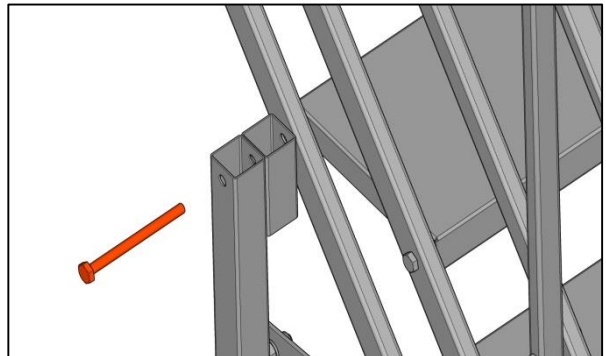


Connection 9-step Stairway with 9-step Stairway

Assembly of the support

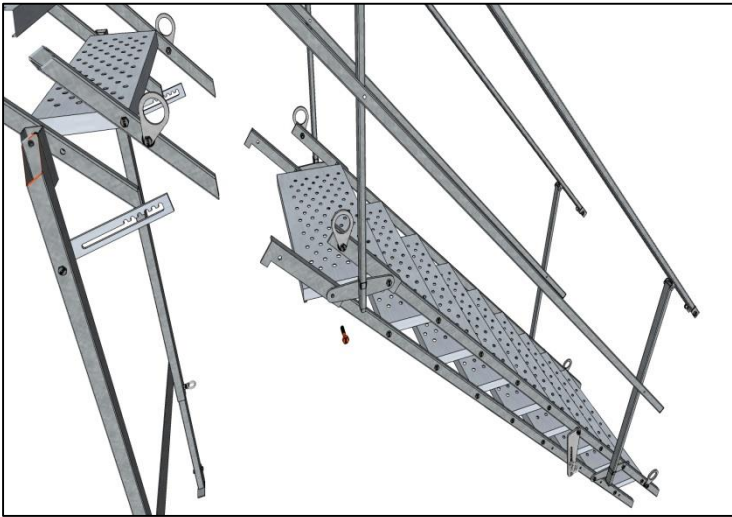


Attach the support to step 1 of the upper stairway using bolt ISO 4017 M10x120 8.8 and nut with clamping part ISO 10511 M10 8.

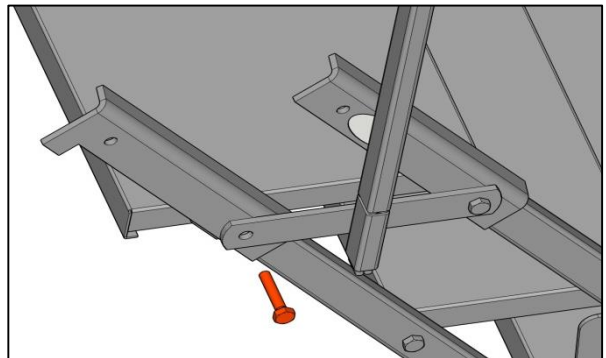


Connection 9-step Stairway with 9-step Stairway

Assembly of the support



Loose bolt ISO 4017 M10x50 8.8 and nut with clamping part ISO 10511 M10 8 from step 9 of the lower side beams of the lower stairway.

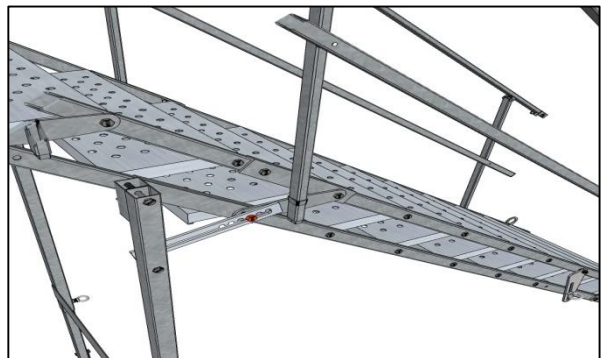


Connection 9-step Stairway with 9-step Stairway

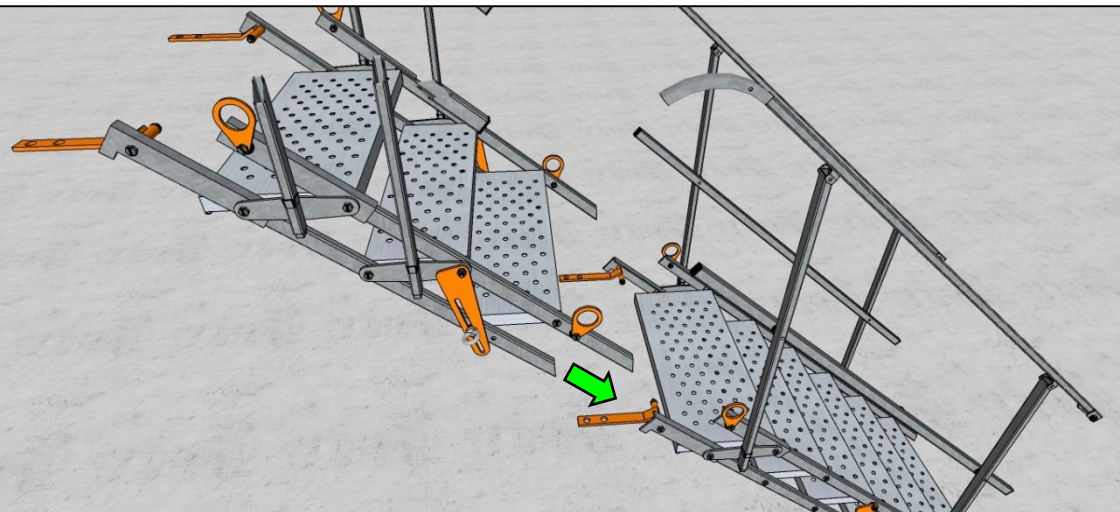
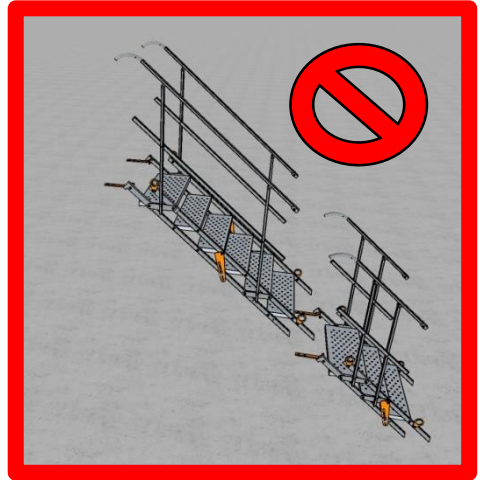
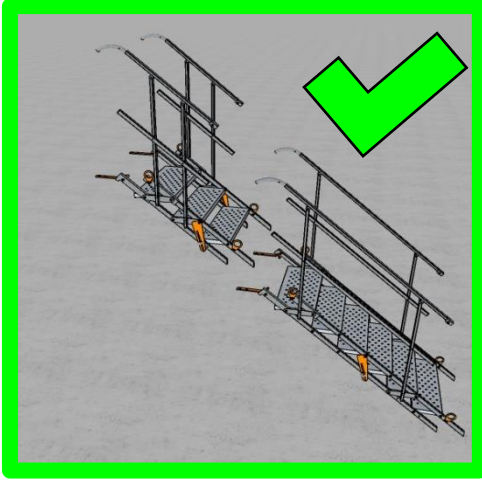
Assembly of the support



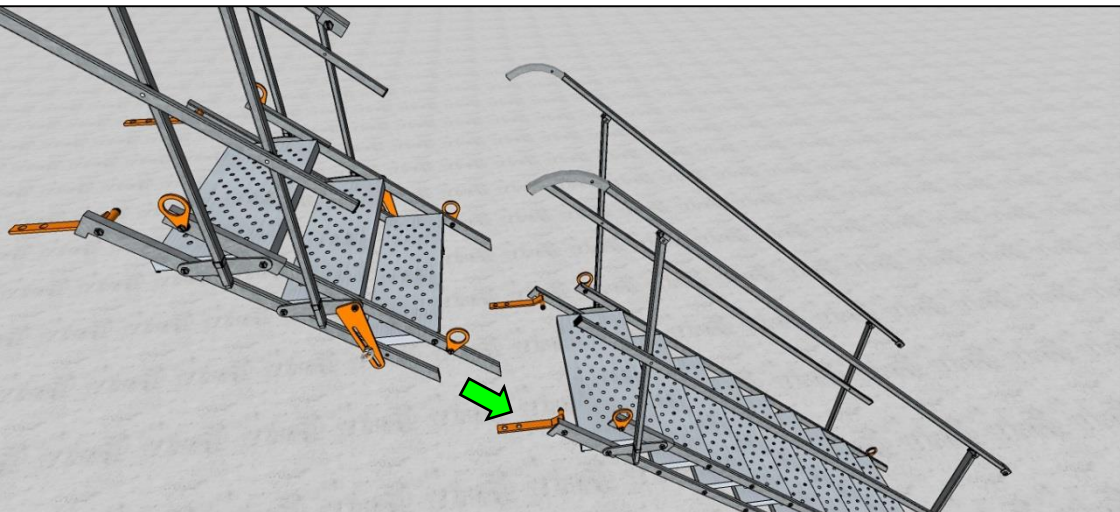
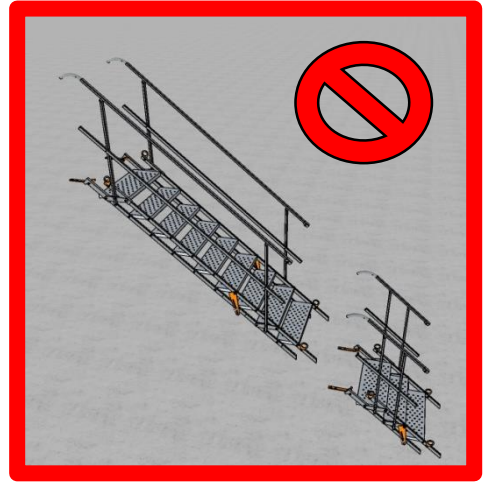
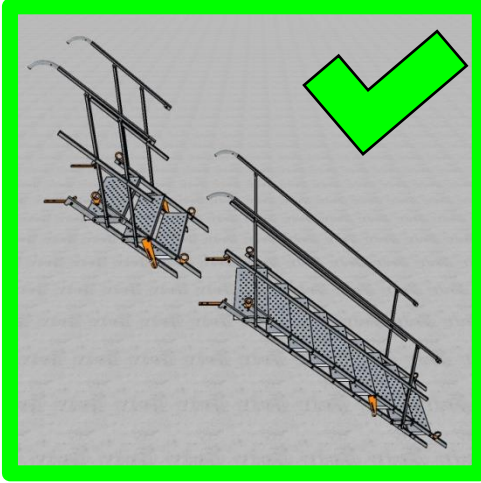
Attach the crocodiles to step 9 of the lower stairway on both sides using bolt ISO 4017 M10x60 8.8, washer ISO 7089 M10 and nut with clamping part ISO 10511 M10 8.



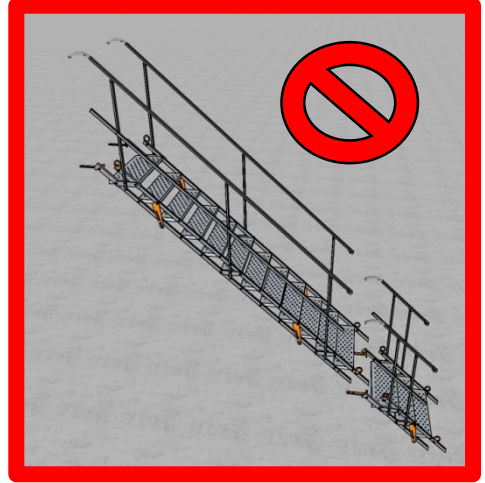
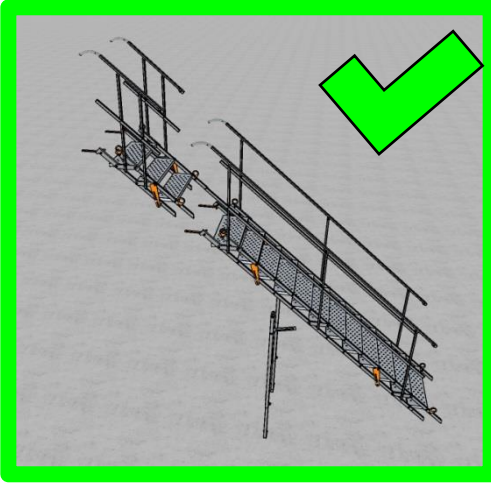
Connection 3-step Stairway with 6-step Stairway



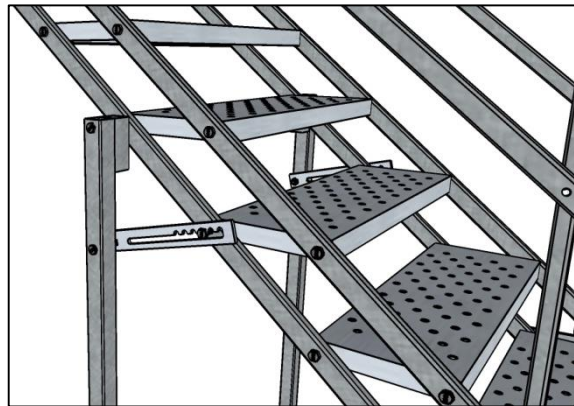
Connection 3-step Stairway with 9-step Stairway



Connection 3-step Stairway with 12-step Stairway



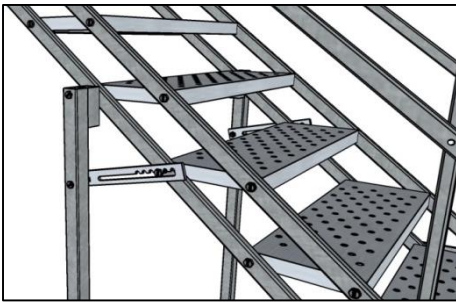
- **Further support needed**
- **Assembly via Screws at step 9**



Connection 3-step Stairway with 12-step Stairway

Assembly of the support

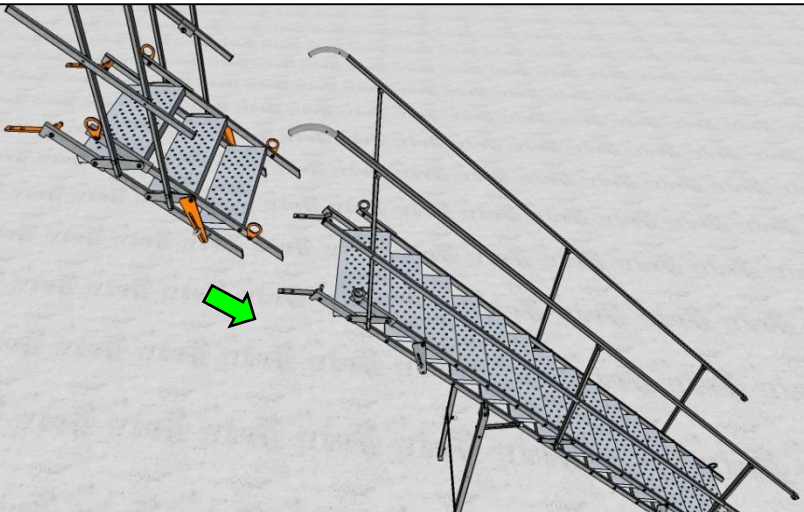
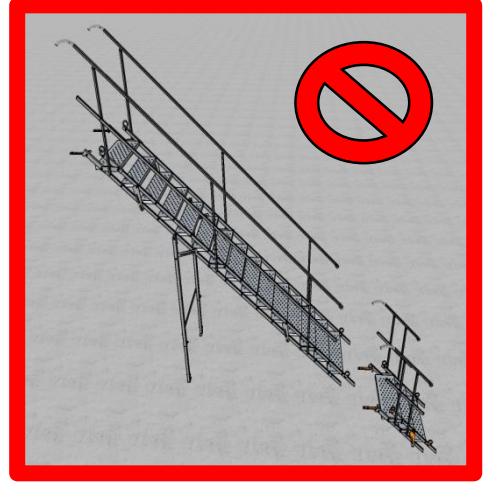
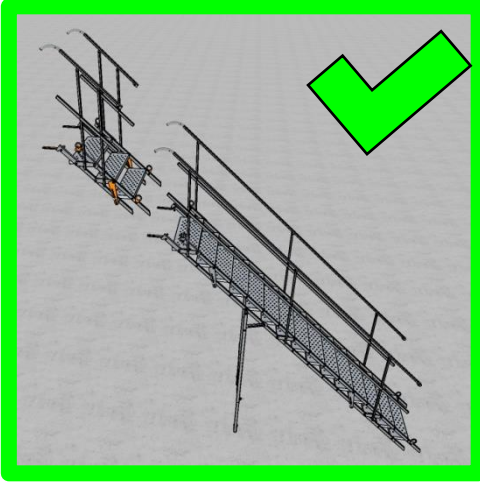
1. Remove bolt ISO 4017 M10x35 8.8 and nut with clamping part ISO 10511 M10 8 at step 8 and 9 of the 12-step stairway on both lower side beams.



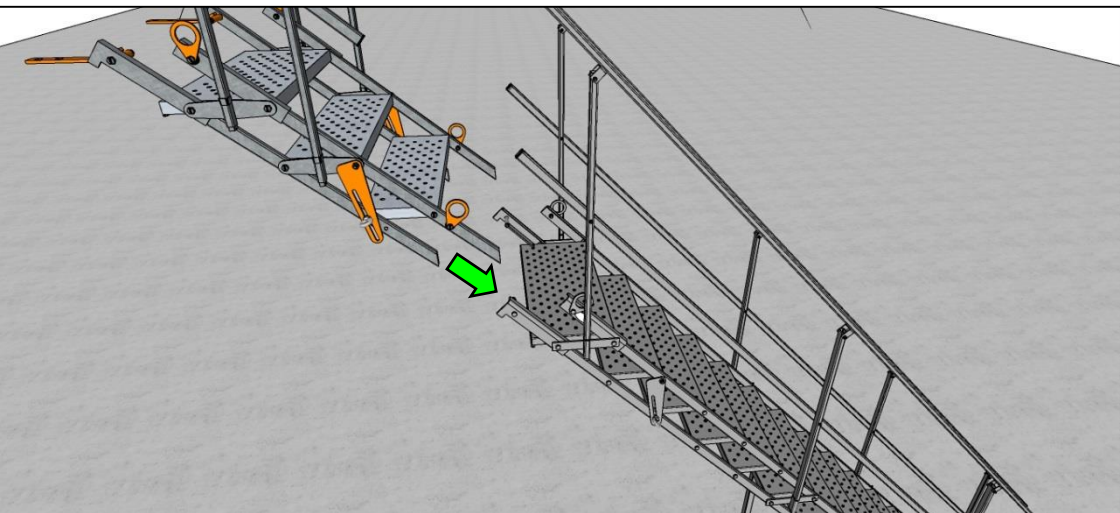
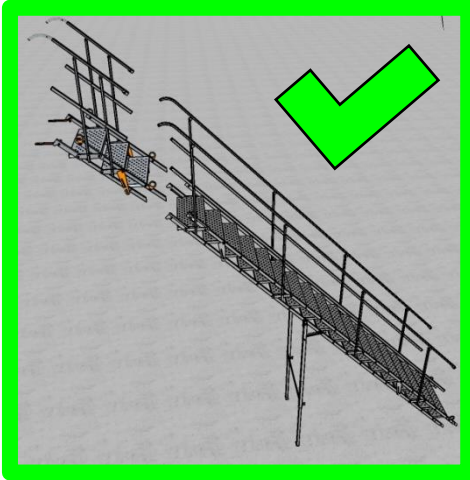
2. Attach the support using bolt ISO 4017 M10x120 8.8 and nut with clamping part ISO 10511 M10 8 at step 9 of the 12-step staircase on both lower side beams.

3. Install the crocodiles using bolt ISO 4017 M10x60 8.8, washer ISO 7089 M10 and nut with clamping part ISO 10511 M10 8 at step 8 of the 12-step stairway on both lower side beams.

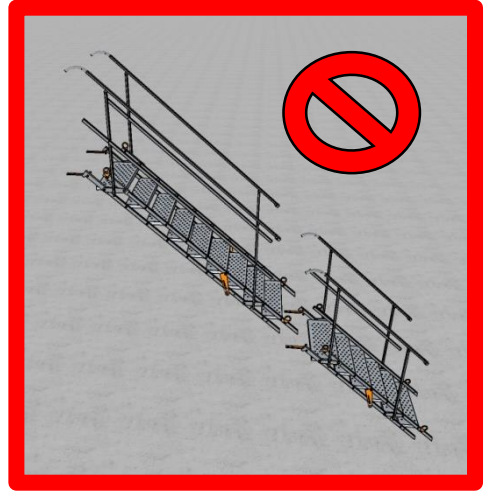
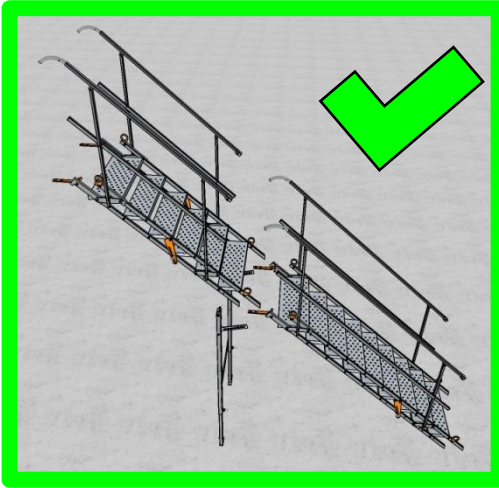
Connection 3-step Stairway with 15-step Stairway



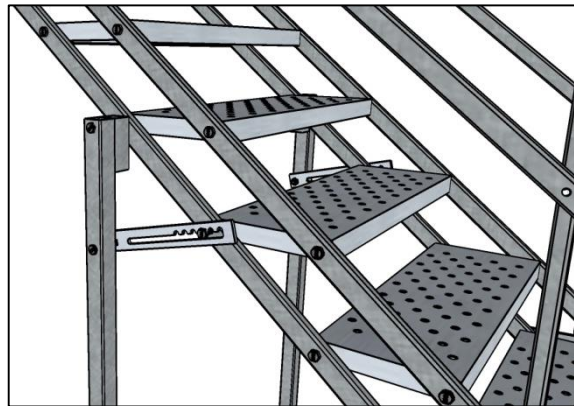
Connection 3-step Stairway with 18-step Stairway



Connection 6-step Stairway with 9-step Stairway

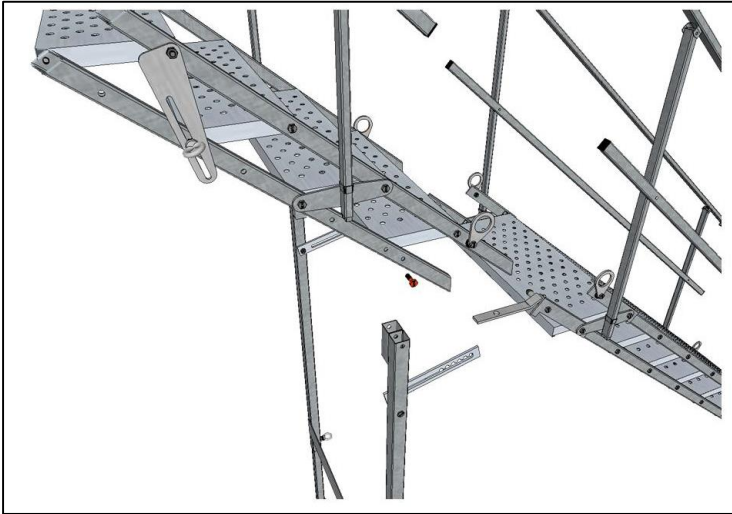


- Further support needed
- Assembly via Screws at step 10

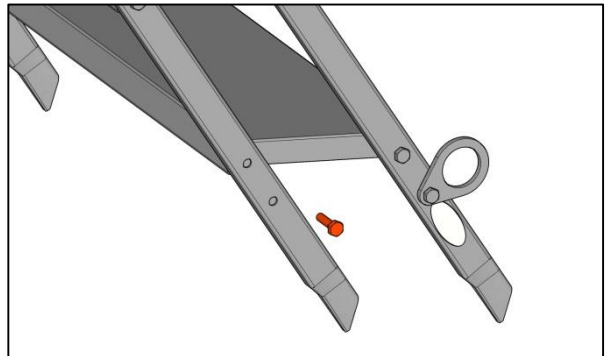


Connection 6-step Stairway with 9-step Stairway

Assembly of the support

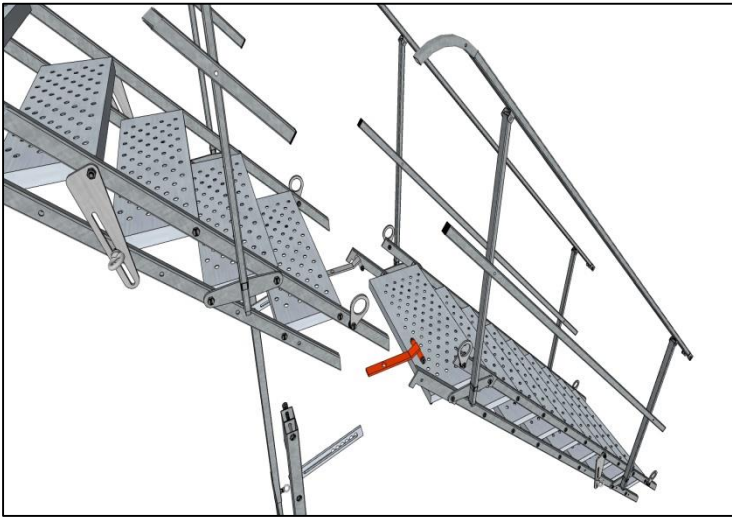


Remove bold ISO 4017 M10x35 8.8 and nut with clamping part ISO 10511 M10 8 at step 1 of the 6-step stairway at both lower side beams.

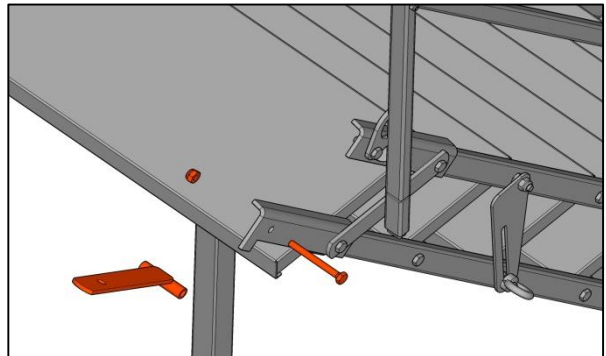


Connection 6-step Stairway with 9-step Stairway

Assembly of the support

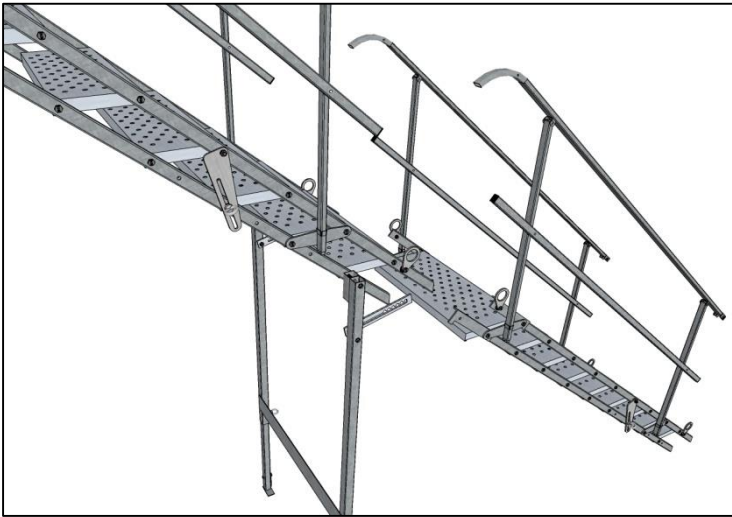


Remove bolt ISO 4017 M10x90 8.8 and nut with clamping part ISO 10511 M10 8 and the slabfix at the 9-step stairway on both lower side beams.

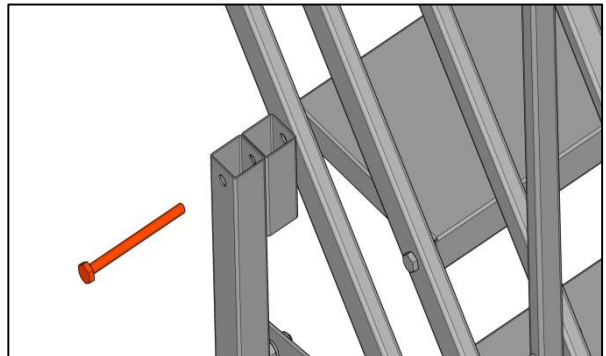


Connection 6-step Stairway with 9-step Stairway

Assembly of the support

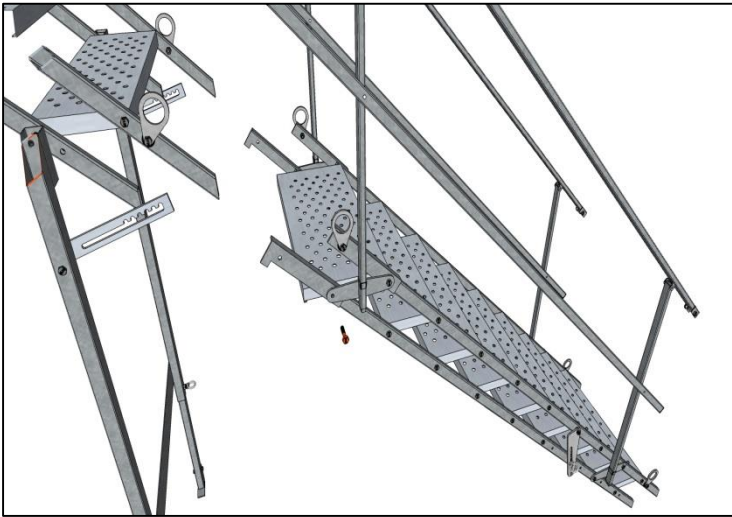


Attach the support to step 1 of the 6-step stairway using bolt ISO 4017 M10x120 8.8 and nut with clamping part ISO 10511 M10 8.

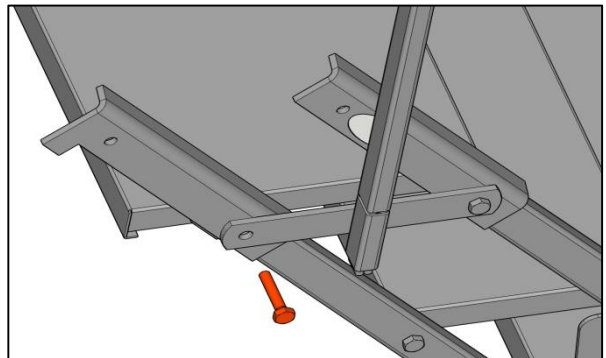


Connection 6-step Stairway with 9-step Stairway

Assembly of the support



Loose bolt ISO 4017 M10x50 8.8 and nut with clamping part ISO 10511 M10 8 from step 9 of the lower side beams of the 9-step stairway .

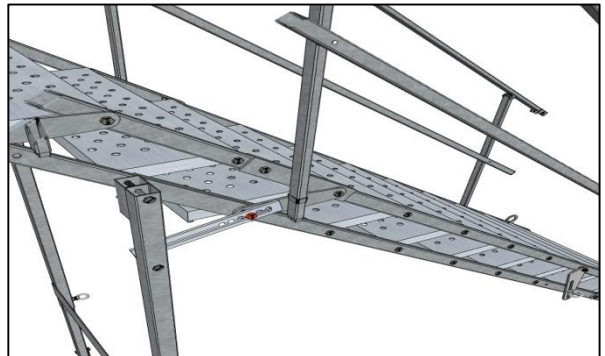


Connection 6-step Stairway with 9-step Stairway

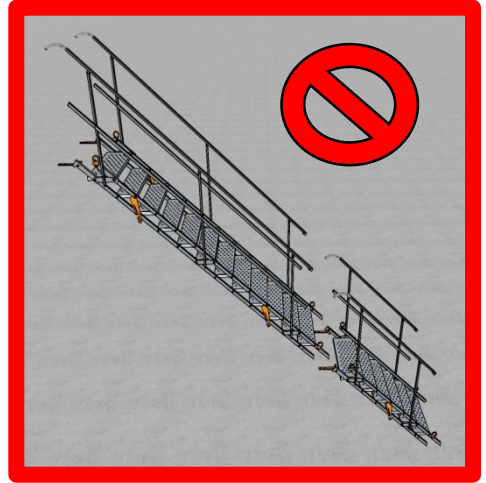
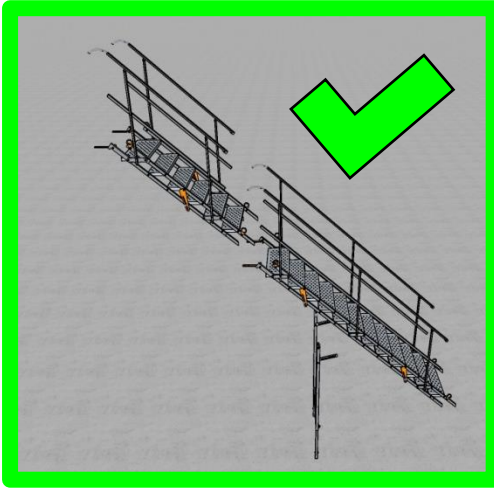
Assembly of the support



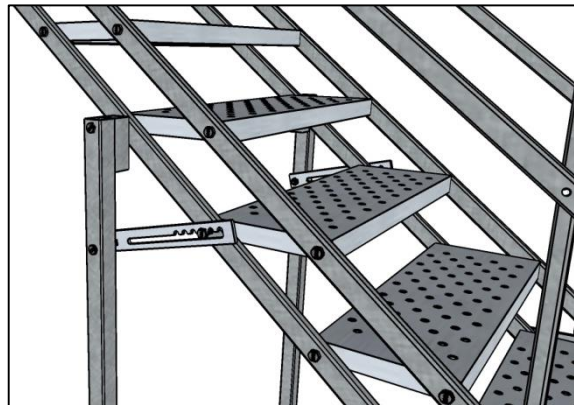
Attach the crocodiles to step 9 of the 9-step stairway on both sides using bolt ISO 4017 M10x60 8.8, washer ISO 7089 M10 and nut with clamping part ISO 10511 M10 8.



Connection 6-step Stairway with 12-step Stairway



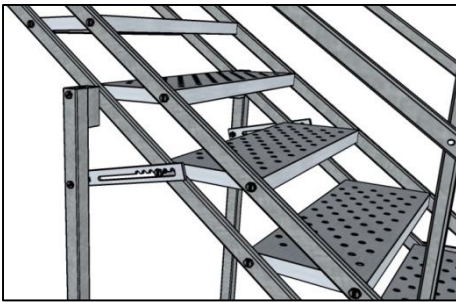
- Further support needed
- Assembly via Screws at step 9



Connection 6-step Stairway with 12-step Stairway

Assembly of the support

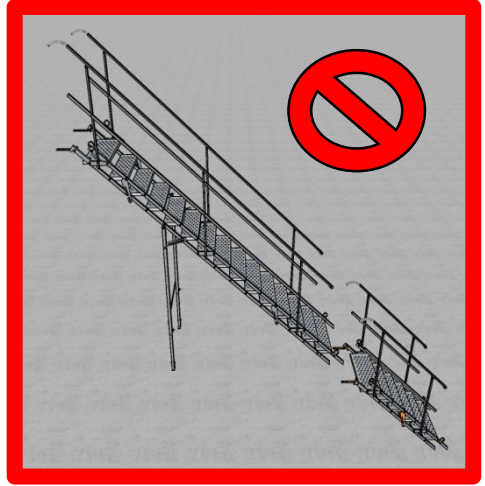
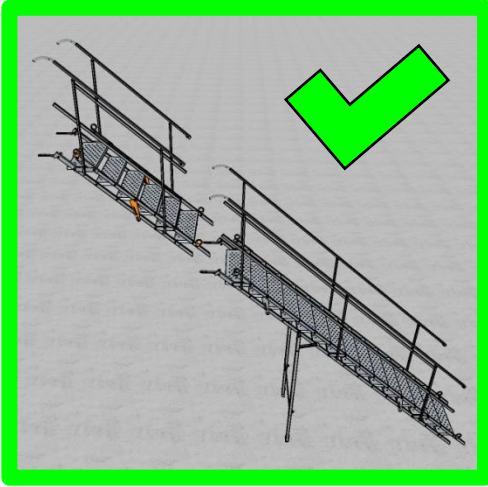
1. Remove bolt ISO 4017 M10x35 8.8 and nut with clamping part ISO 10511 M10 8 at step 8 and 9 of the 12-step stairway on both lower side beams.



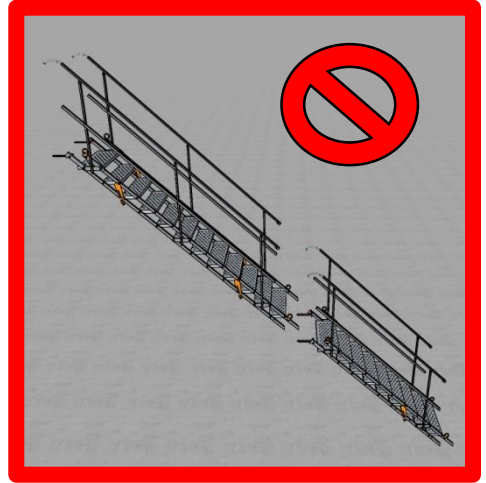
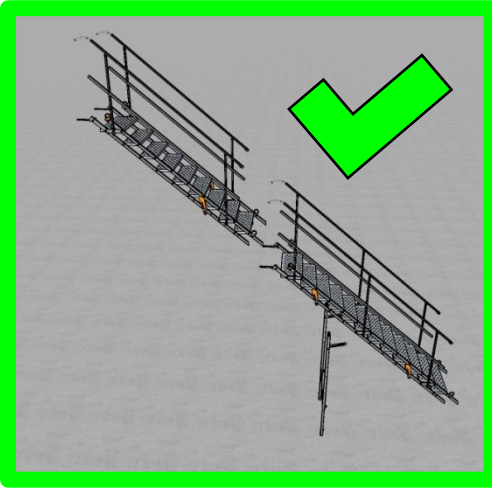
2. Attach the support using bolt ISO 4017 M10x120 8.8 and nut with clamping part ISO 10511 M10 8 at step 9 of the 12-step staircase on both lower side beams.

3. Install the crocodiles using bolt ISO 4017 M10x60 8.8, washer ISO 7089 M10 and nut with clamping part ISO 10511 M10 8 at step 8 of the 12-step stairway on both lower side beams.

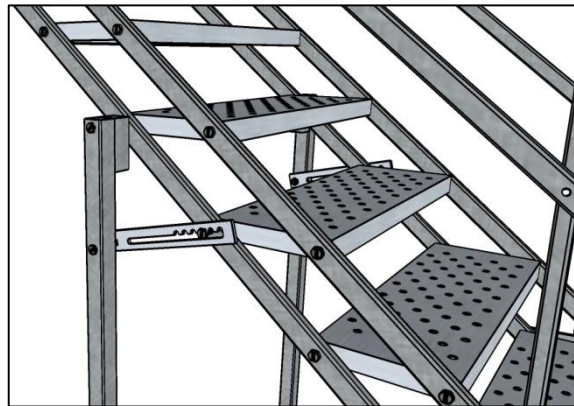
Connection 6-step Stairway with 15-step Stairway



Connection 9-step Stairway with 12-step Stairway



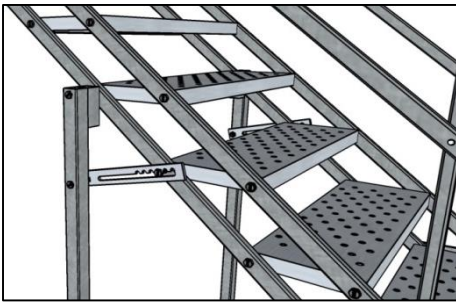
- **Further support needed**
- **Assembly via Screws at step 9**



Connection 9-step Stairway with 12-step Stairway

Assembly of the support

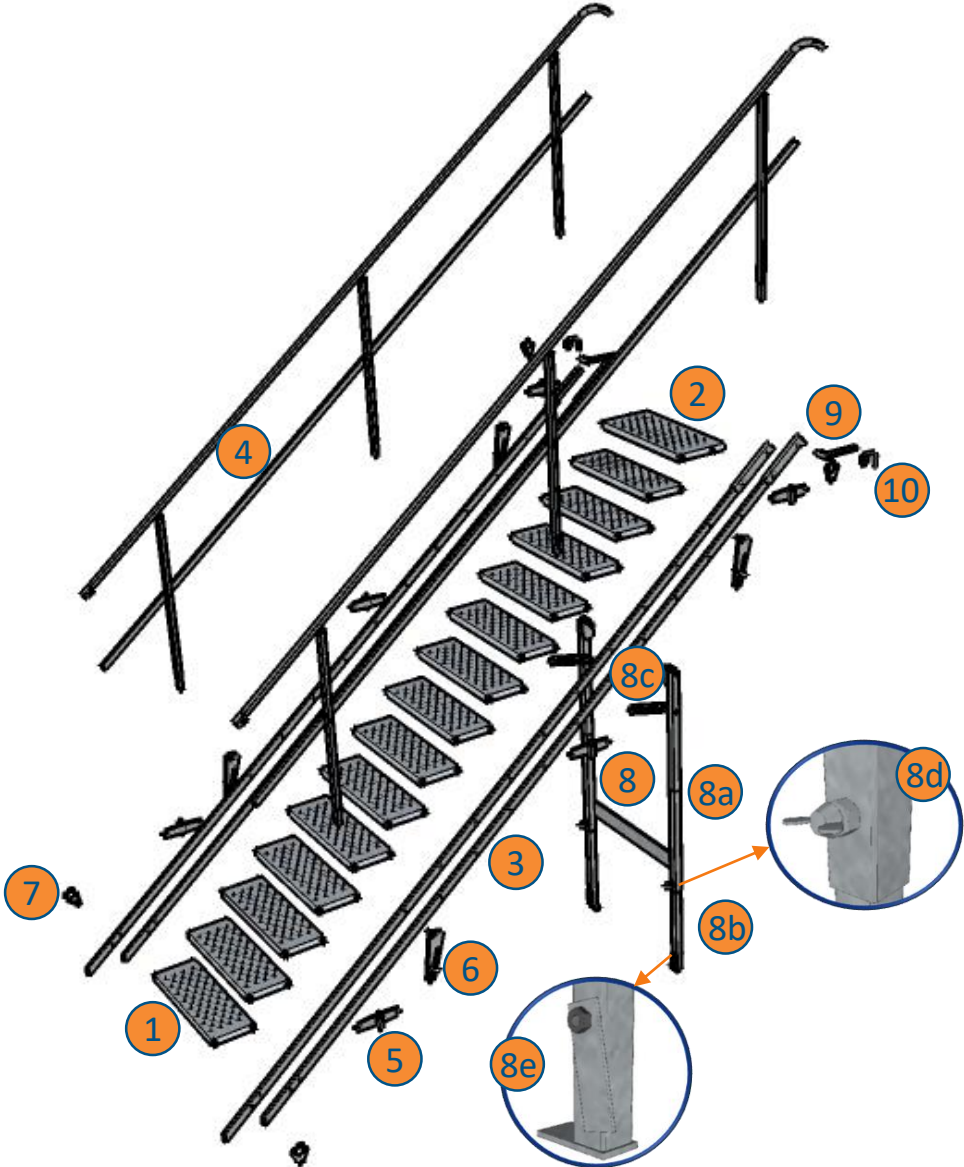
1. Remove bolt ISO 4017 M10x35 8.8 and nut with clamping part ISO 10511 M10 8 at step 8 and 9 of the 12-step stairway on both lower side beams.



2. Attach the support using bolt ISO 4017 M10x120 8.8 and nut with clamping part ISO 10511 M10 8 at step 9 of the 12-step staircase on both lower side beams.

3. Install the crocodiles using bolt ISO 4017 M10x60 8.8, washer ISO 7089 M10 and nut with clamping part ISO 10511 M10 8 at step 8 of the 12-step stairway on both lower side beams.

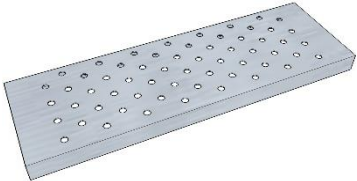
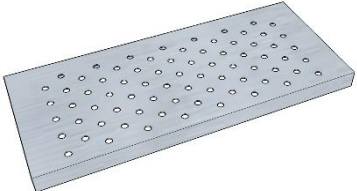

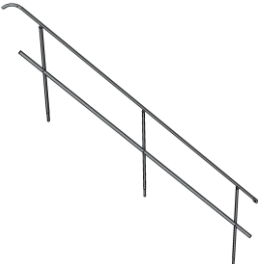
Stairway Components



Description of Stairway Components

| | Item No. | Description |
|-----|--|---|
| 1. | 5161010 (5161012) | Standard Step 700 (Standard Step 1000) |
| 2. | 5161011 (5161013) | Big Step 700 (Big Step 1000) |
| 3. | 5161031 5161061 5161091 5161121 5161151 5161181 | Side Beam 3-step Stairway (Set = 4 pcs) Side Beam 6-step Stairway (Set = 4 pcs) Side Beam 9-step Stairway (Set = 4 pcs) Side Beam 12-step Stairway (Set = 4 pcs) Side Beam 15-step Stairway (Set = 4 pcs) Side Beam 18-step Stairway (Set = 4 pcs) |
| 4. | 5161036 5161066 5161096 5161126 5161156 5161186 | Handrail 3-step Stairway (Set = 2 pcs) Handrail 6-step Stairway (Set = 2 pcs) Handrail 9-step Stairway (Set = 2 pcs) Handrail 12-step Stairway (Set = 2 pcs) Handrail 15-step Stairway (Set = 2 pcs) Handrail 18-step Stairway (Set = 2 pcs) |
| 5. | 5161004 | Handrail Holder |
| 6. | 5161003 | Stair Lock |
| 7. | 5161002 | Crane Hook |
| 8. | 5061001 (5061005) | Stairway Support 700 (consists of 8a-8e) (Stairway Support 1000) |
| 8a. | 50610015 (5061005) | Stairway Support Body 700 (Stairway Support Body 1000) |
| 8b. | 50610014 | Inner Tube for Stairway Support |
| 8c. | 50610019 | Crocodile Connector |
| 8d. | 00013 | Wing Screw for Stairway Support |
| 8e. | 50610016 | Lock for Stairway Support |
| 9. | 5161001 | Slabfix for Stairway |
| 10. | 5061103 | Scaffoldfix for Stairway |

Illustration of Stairway Components

| Item No. | Description | Illustration |
|--|--|---|
| 5161010 | Standard Step Stairway 700 |  |
| 5161012 | Standard Step Stairway 1000 | |
| 5161011 | Big Step Stairway 700 |  |
| 5161013 | Big Step Stairway 1000 | |
| 5161031 5161061 5161091 5161121 5161151 5161181 | Side Beams: 3-step Stairway 6-step Stairway 9-step Stairway 12-step Stairway 15-step Stairway 18-step Stairway |  |
| 5161036 5161066 5161096 5161126 5161156 5161186 | Handrails: 3-step Stairway 6-step Stairway 9-step Stairway 12-step Stairway 15-step Stairway 18-step Stairway |  |

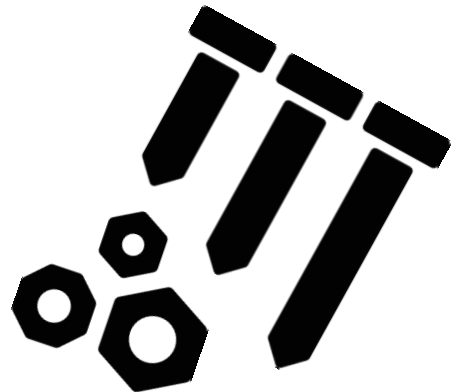
| Item No. | Description | Illustration |
|----------|-----------------------------|---|
| 5161004 | Handrail Holder |  |
| 5161003 | Stair Lock |  |
| 5161002 | Crane Hook |  |
| 5061001 | Stairway Support 700 |  |
| 5061005 | Stairway Support 1000 | |
| 5161001 | Slabfix for Stairway |  |
| 5061103 | Scaffoldfix for Stairway |  |

Needed Screws and Nuts

1. Screw M10 x 35 mm
2. Screw M10 x 40 mm
3. Screw M10 x 50 mm
4. Screw M10 x 60 mm
5. Screw M10 x 80 mm
6. Screw M10 x 120 mm

7. Nut M10
8. Nut M10 self-locking
9. Nut M10

10. Washer M10



Sticker for Stairway



EN 12811-1
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subject to changes

max. 150 kg/m²

VIVATECTM WE. PRODUCE. SAFETY.

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info@viva-tec.com

Stabfix

Scaffifix

support: 50 kg steps

check weight!

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