

EasyAccess Stairway 70/100

Stairway 70/100

www.safeatsite.com



Temporary access solutions for construction sites according to EN 12811

Standard: EN 12811

Dimensions: Metric



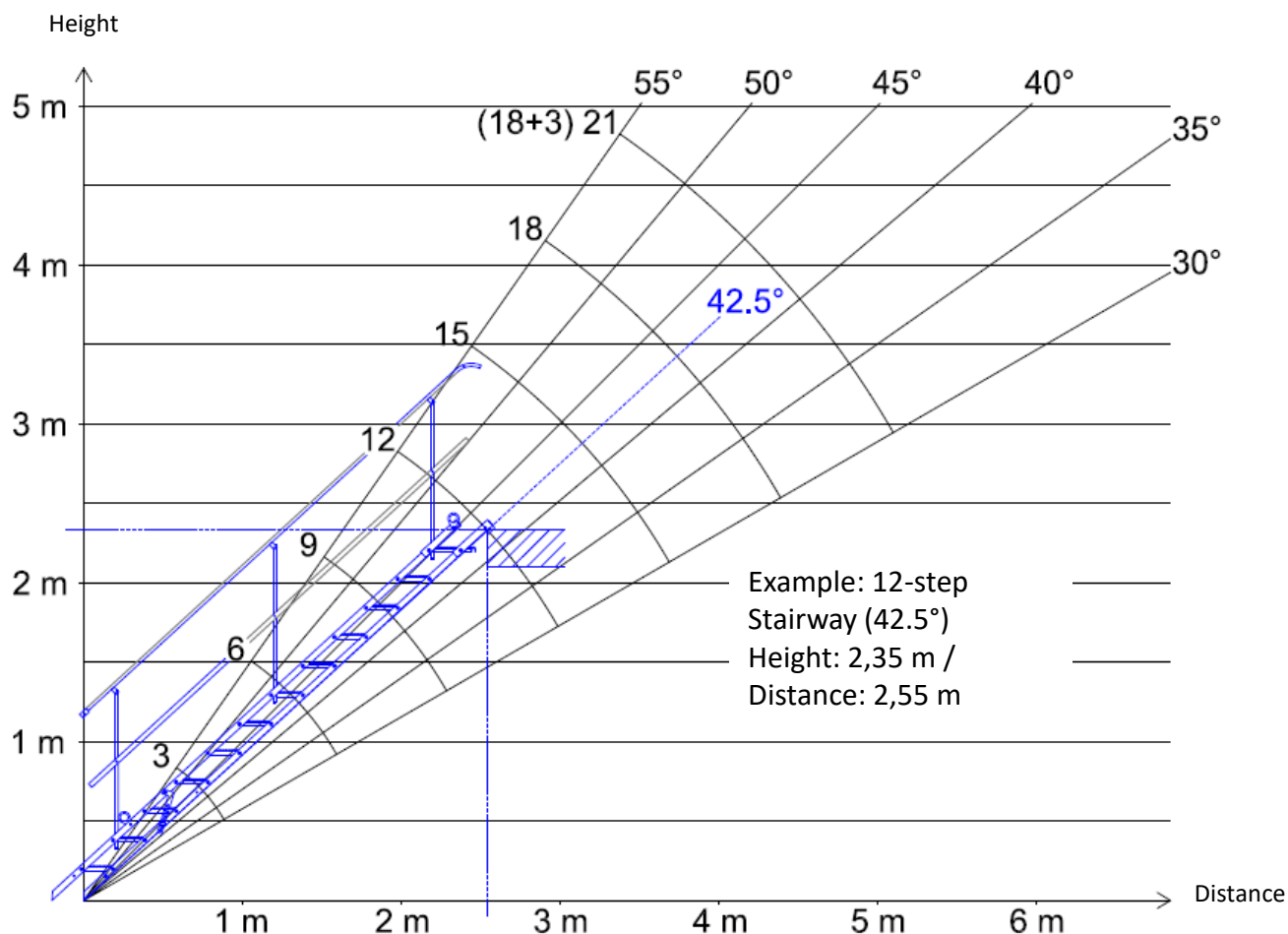
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Inclination Diagram

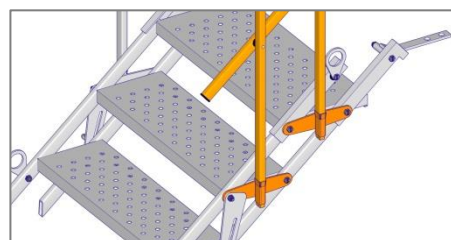
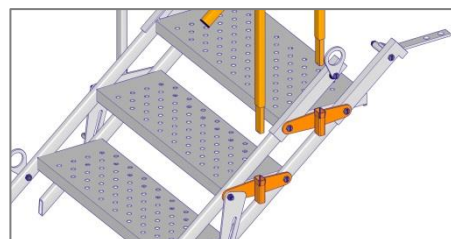
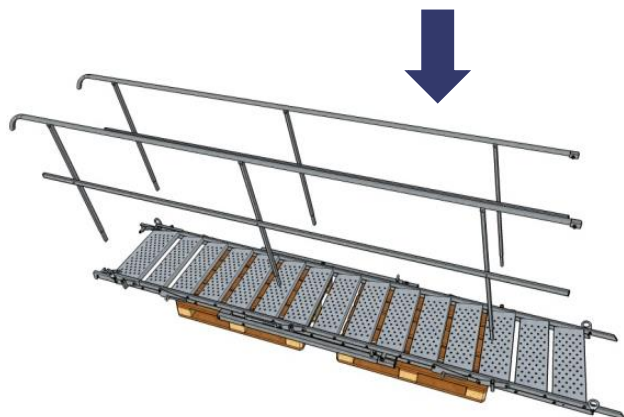


Via the inclination diagram one can calculate which stairway is suitable for the given situation on site. For example if there is a height of 2.35 m one can take a look at the diagram and will notice that the 12-step Stairway in a 42.5° angle is the right choice. An inclination of 30°-55° is possible.

Stairway Assembly

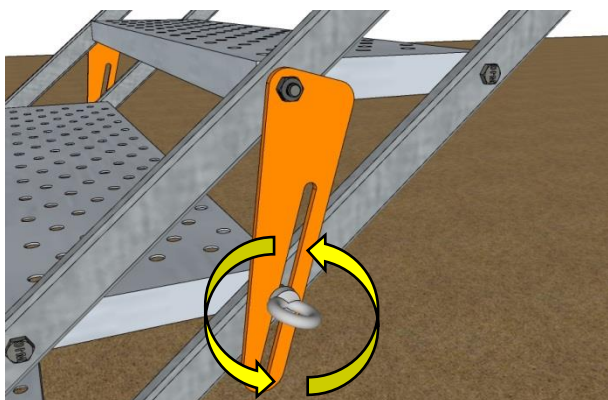
1

Insert the handrails



2

Unfasten the locks



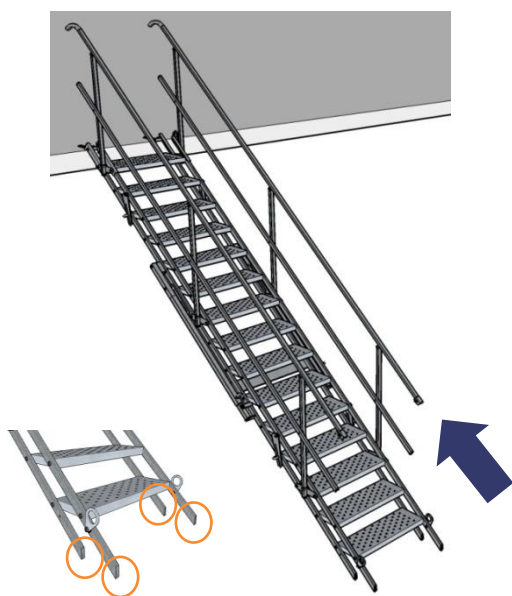
Loose all the locks so that the stairways can be unfolded at the edge of the slab.

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

Stairway Assembly

3

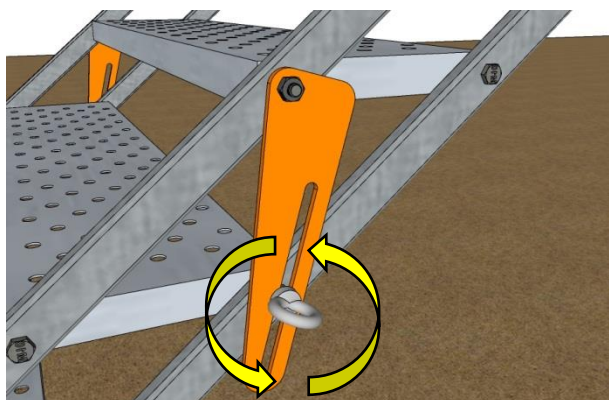
Push handrails



After positioning the stairway at the slab/slope/scaffold push the handrails until all four feet of the stairway have contact to the ground.

4

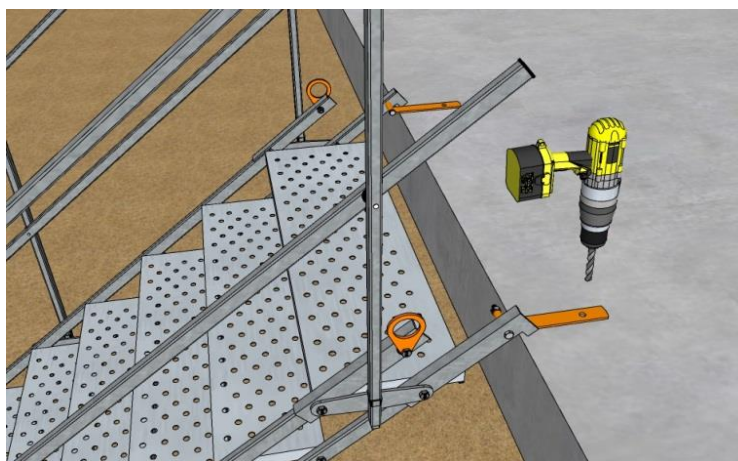
Secure the Locks



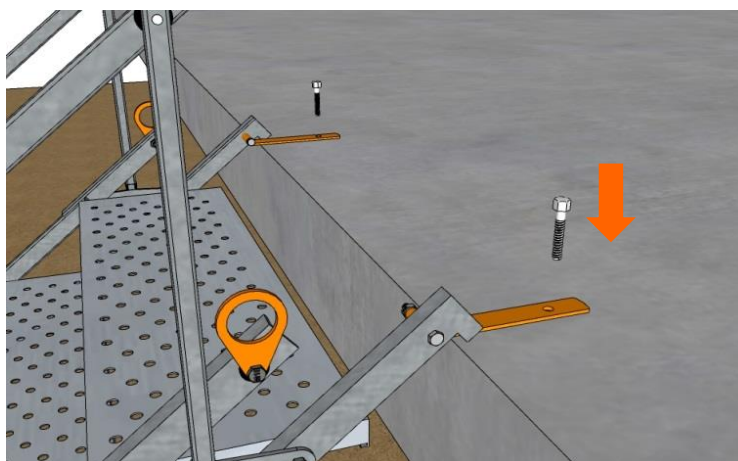
Secure all locks that have been unfastened before as soon as the stairway is in the desired position, the feet are on the ground and the steps are horizontal.

Stairway Assembly

- 5 Mount the attachment
a. *Slabfix for Stairway*



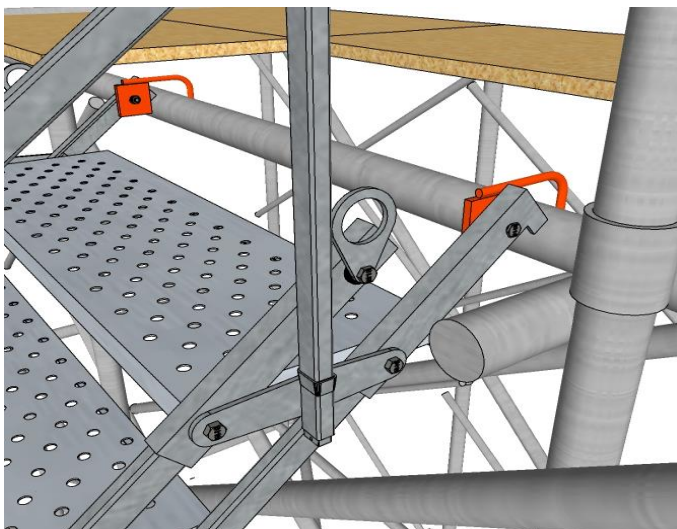
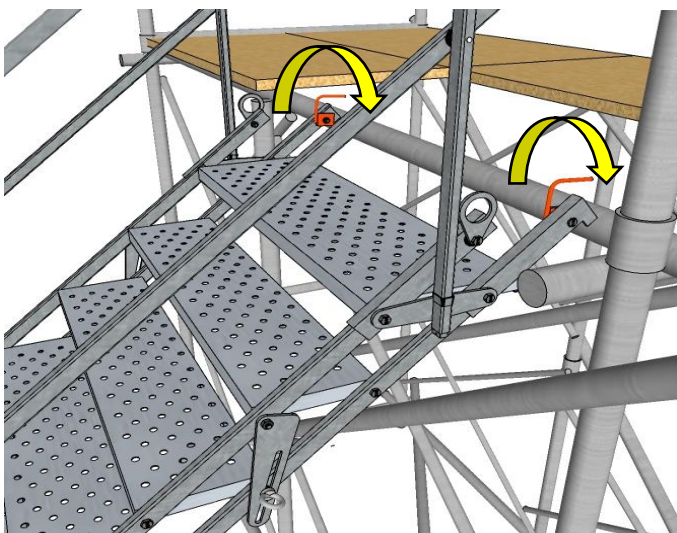
Fastening of the Slabfix for Stairway requires a heavy-duty concrete screw - For example **Hilti HUS3-H8-75** or similar/better.



Stairway Assembly

5

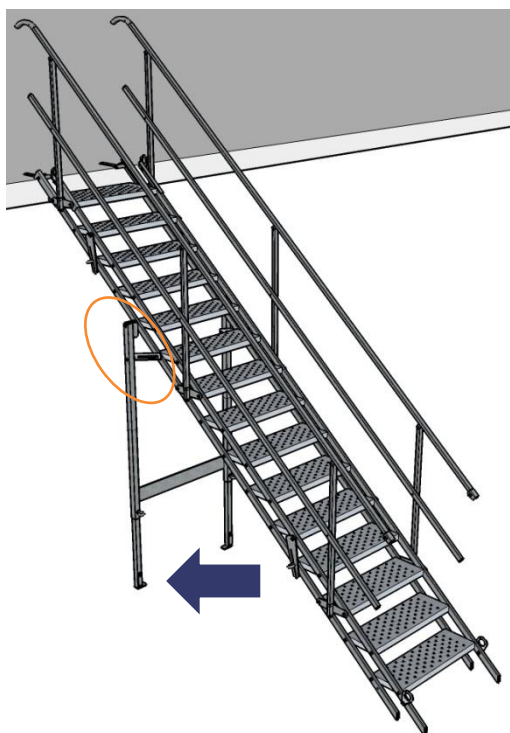
Mount the attachment
b. *Scaffoldfix for Stairway*



Stairway Support Assembly

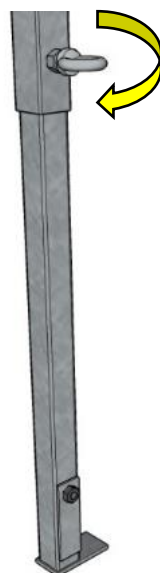
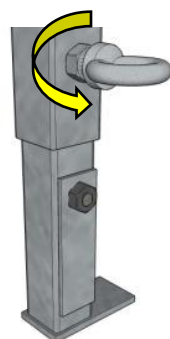
6

Stairway support assembly
for Stairway 70/15, 70/18, 100/15, 100/18

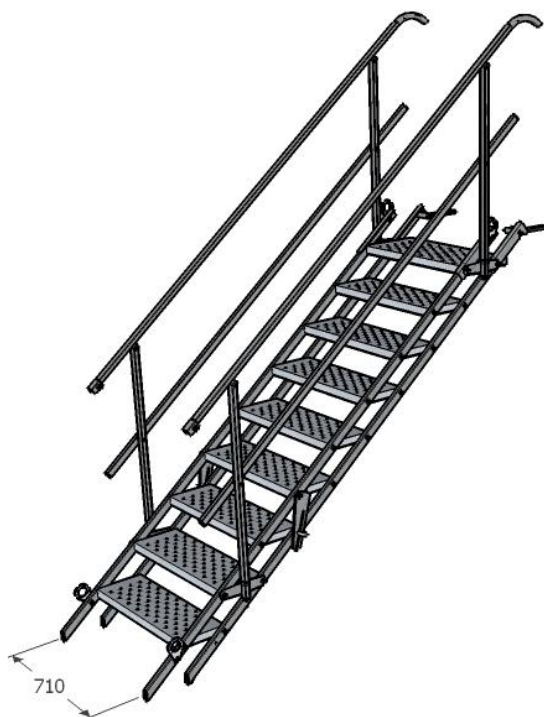


Unfasten and unfold the support until it is in an 90° angle to the ground.

Unfasten the thumb-screws to loose the inner tubes of the support and pull out said inner tubes until they reach the floor. Then secure the screws again.

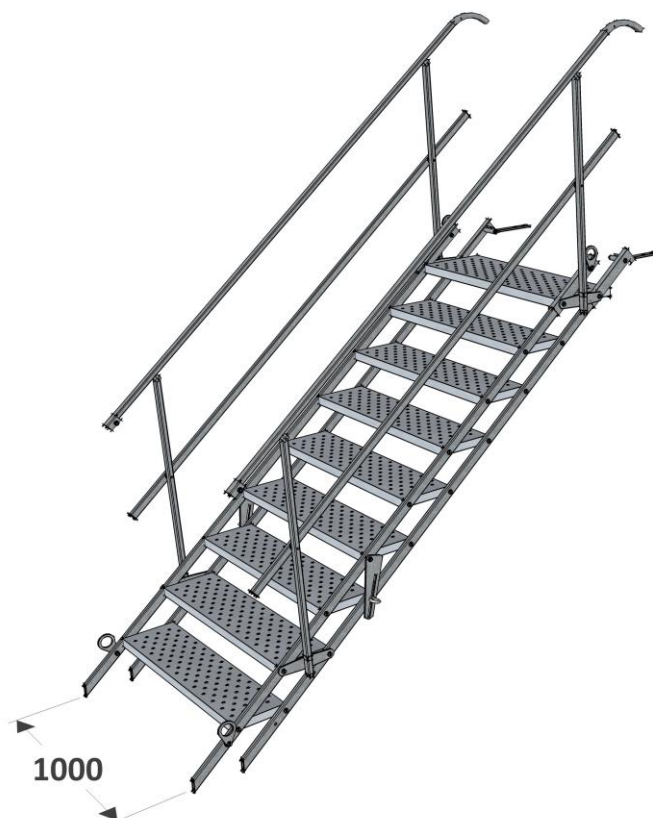


Stairway 70 and 100



Inner width approx.
700 mm

Inner width approx.
1000 mm



3-step Stairway

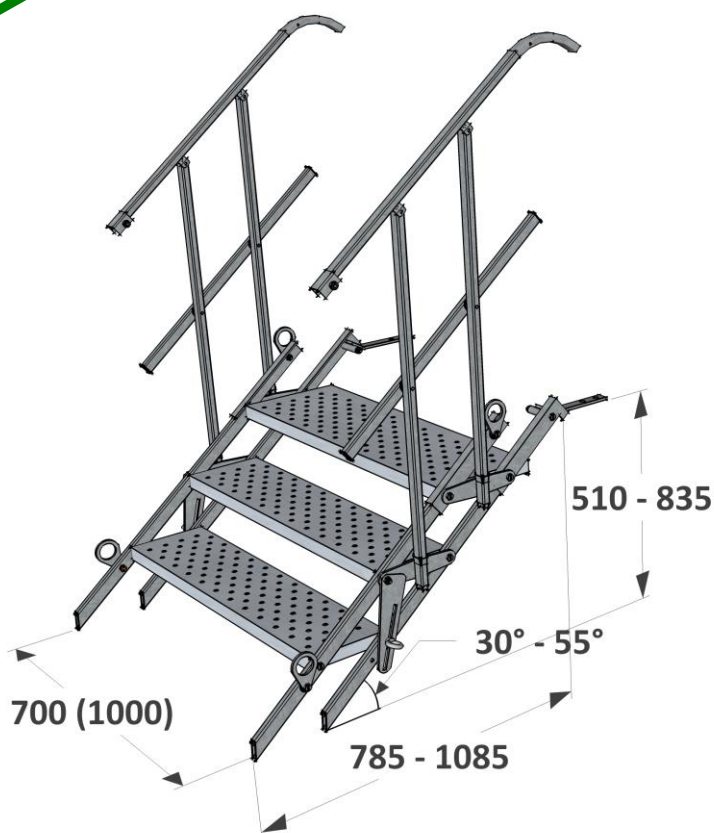
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20001
39 kg

Stairway 1000 mm:
Item No.: 20007
54 kg



Max. 2
persons



10 pcs / Euro Pallet



1640 x 800 (1100) x 1200 mm



410 (560) kg



6-step Stairway

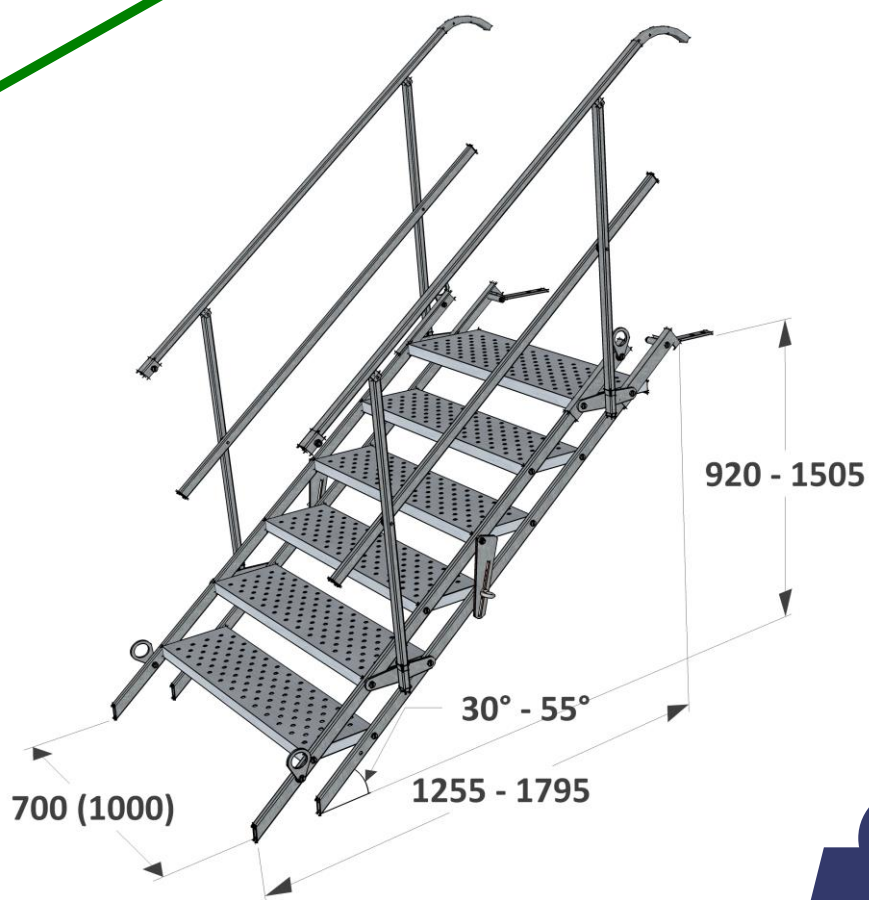
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20002
62 kg

Stairway 1000 mm:
Item No.: 20008
71 kg



Max. 2
persons



10 pcs / Euro Pallet



2450 x 800 (1100) x 1200 mm



640 (730) kg

9-step Stairway

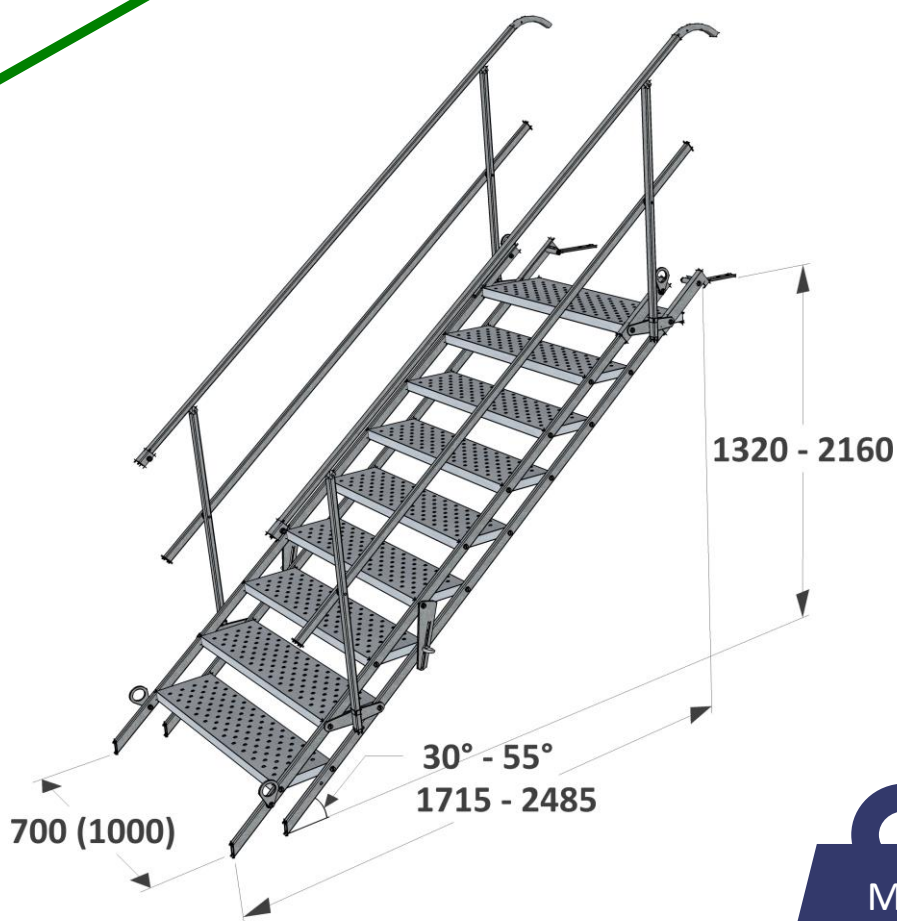
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20003
83 kg

Stairway 1000 mm:
Item No.: 20009
97 kg



Max. 2
persons



10 pcs / Euro Pallet



3260 x 800 (1100) x 1200 mm



850 (990) kg

mm

12-step Stairway

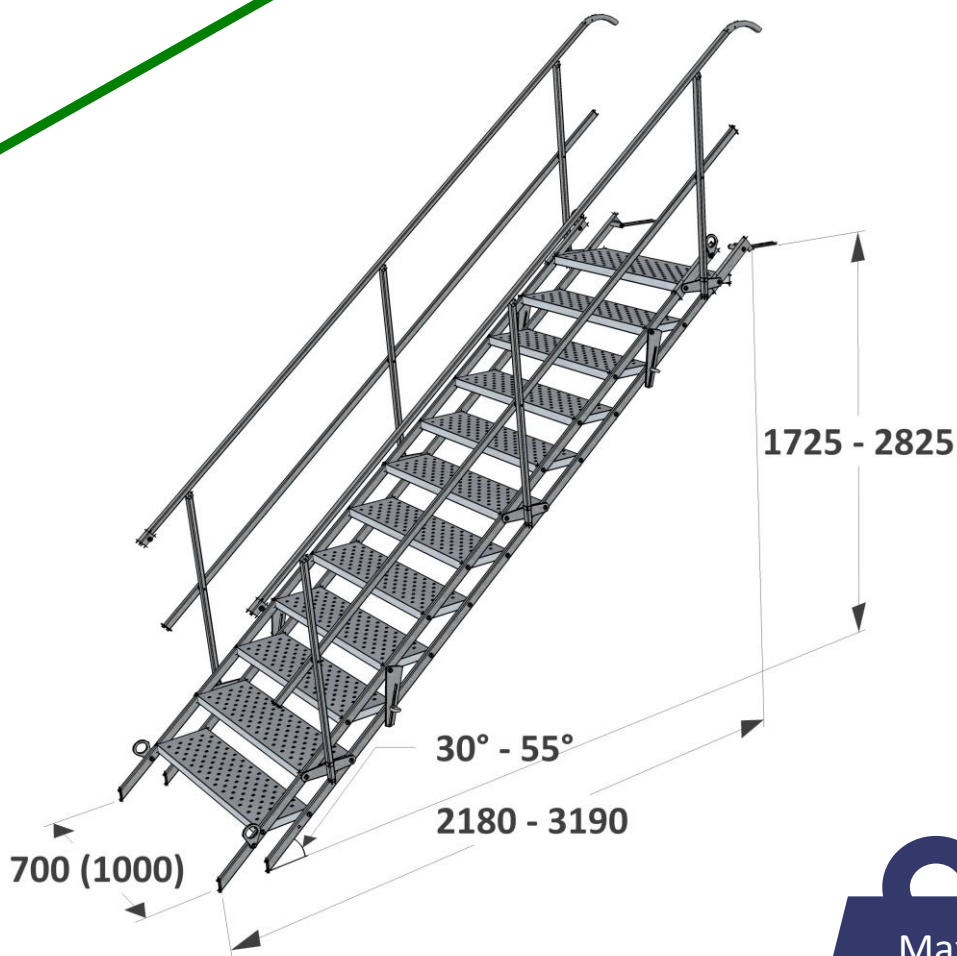
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20004
122 kg

Stairway 1000 mm:
Item No.: 20010
131 kg



Max. 2
persons



10 pcs / 2x Euro Pallet



4070 x 800 (1100) x 1200 mm



1240 (1330) kg

Max.
1,5
kN/m²

15-step Stairway

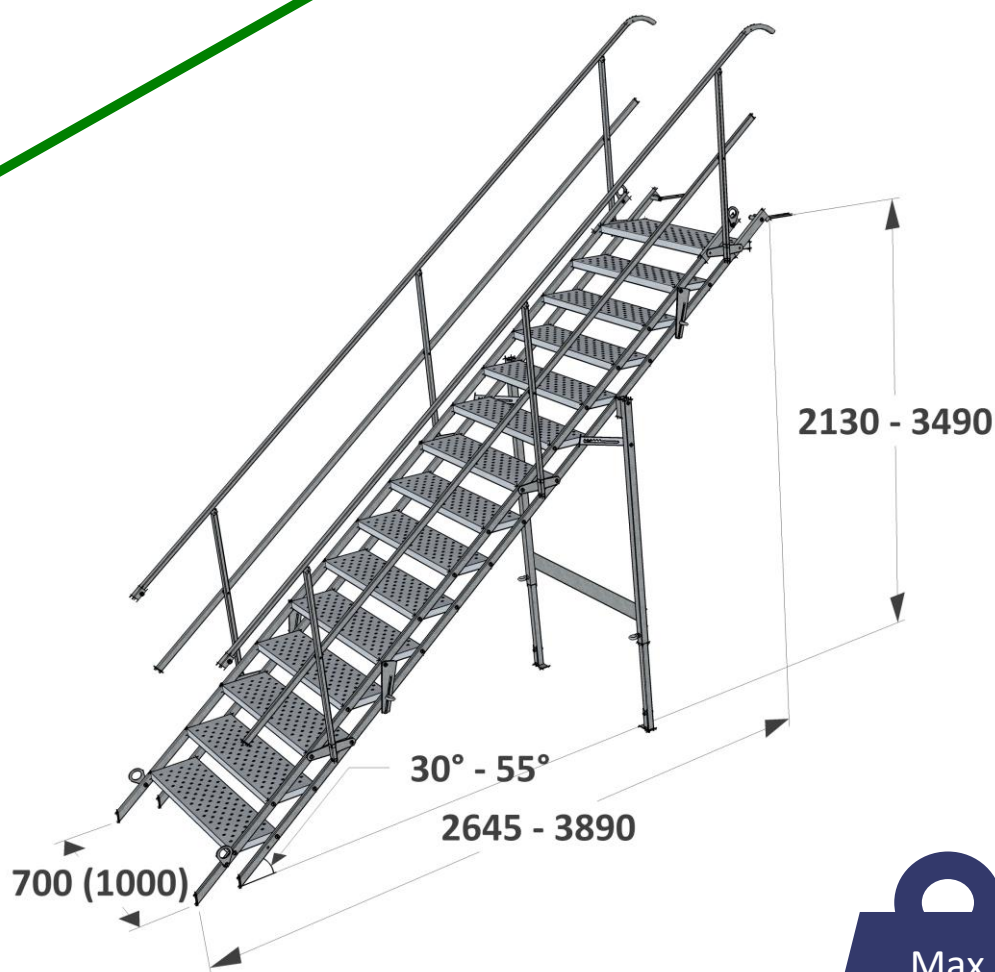
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20005
148 kg

Stairway 1000 mm:
Item No.: 20011
172 kg



Max. 2
persons



5 pcs / 2x Euro Pallet



4610 x 800 (1100) x 1200 mm



780 (900) kg

Max.
1,5
kN/m²

18-step Stairway

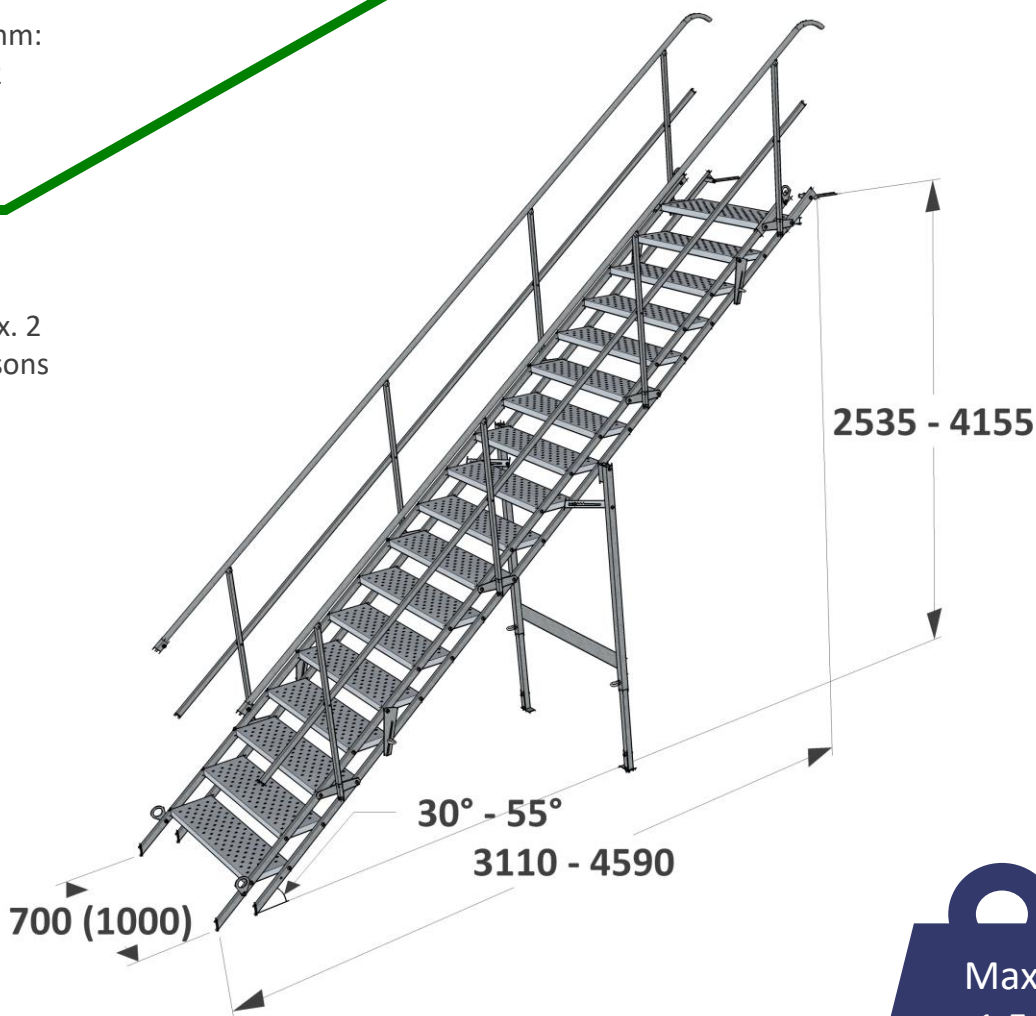
EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20006
176 kg

Stairway 1000 mm:
Item No.: 20012
214 kg



Max. 2
persons



5 pcs / 2x Euro Pallet



5420 x 800 (1100) x 1200 mm



920 (1110) kg



Connection of two Stairways

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



Standard support needed



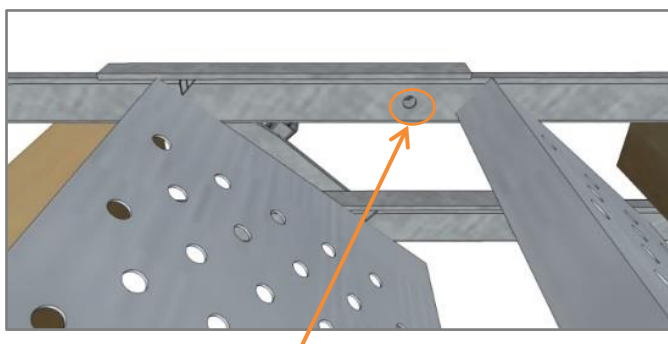
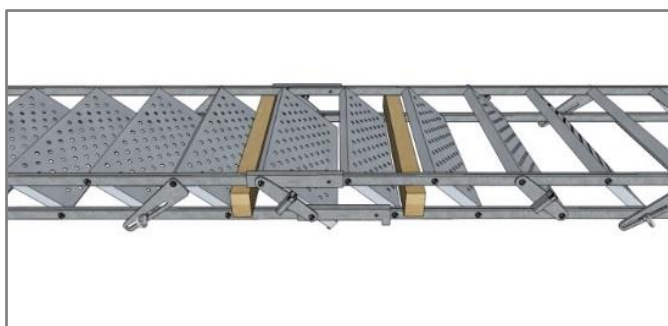
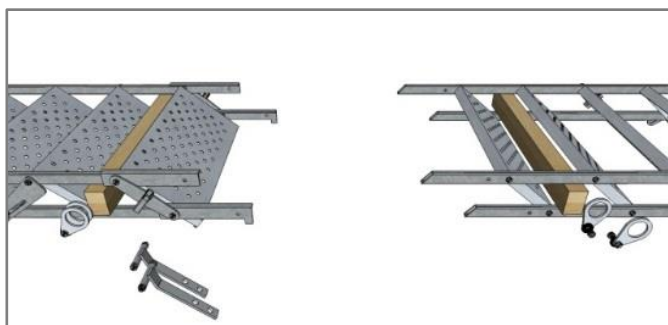
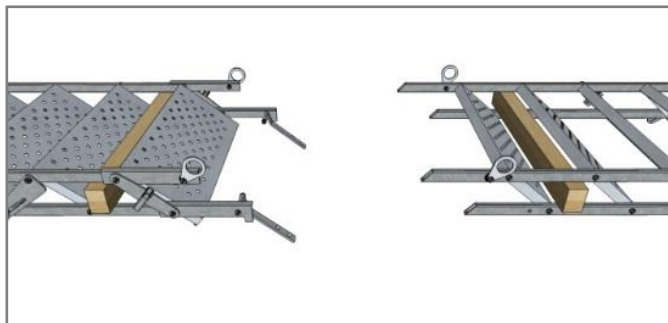
Special support needed



Connection of two Stairways

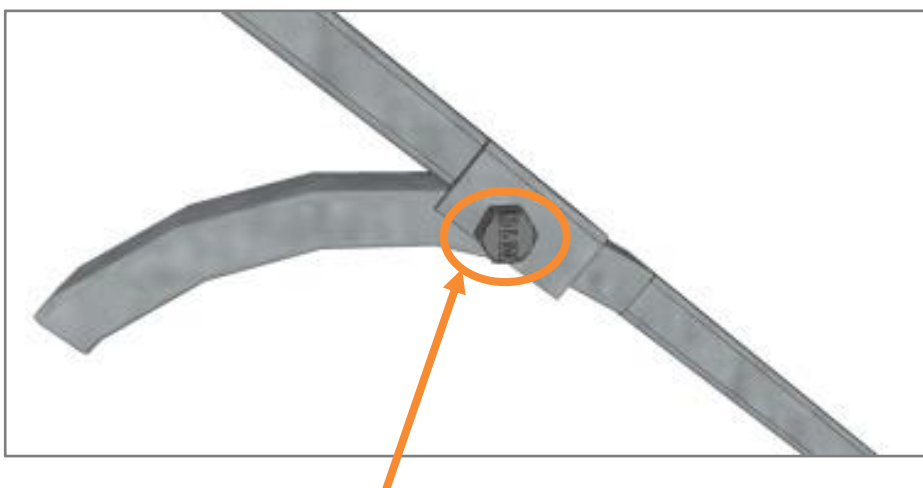


- max. 2 stairways connected (self-supporting)
- max. 21 steps (self-supporting)
- 15 – 21 steps only with the standard stairway support
- > 21 steps without a stairway support possible if not self-supporting, e.g. on slope subsoil



4 times connection with screws

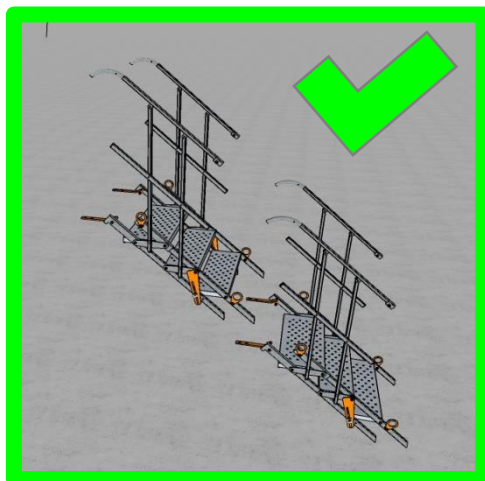
Connection of two Handrails



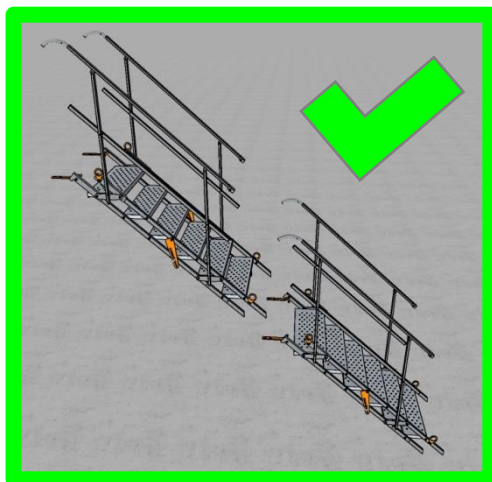
2 times connection with screws

Order of two connected Stairways

Connection 3-Step with 3-Step



Connection 6-Step with 6-Step

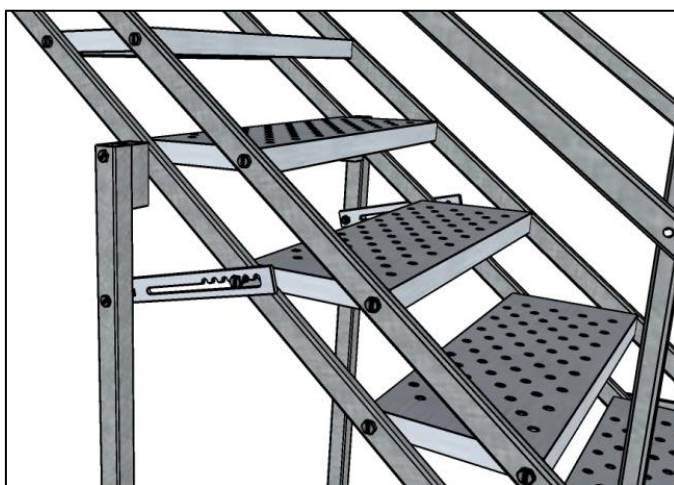
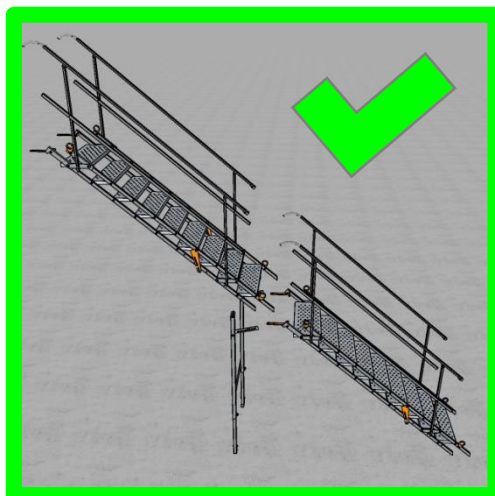


Order of two connected Stairways

Connection 9-Step with 9-Step



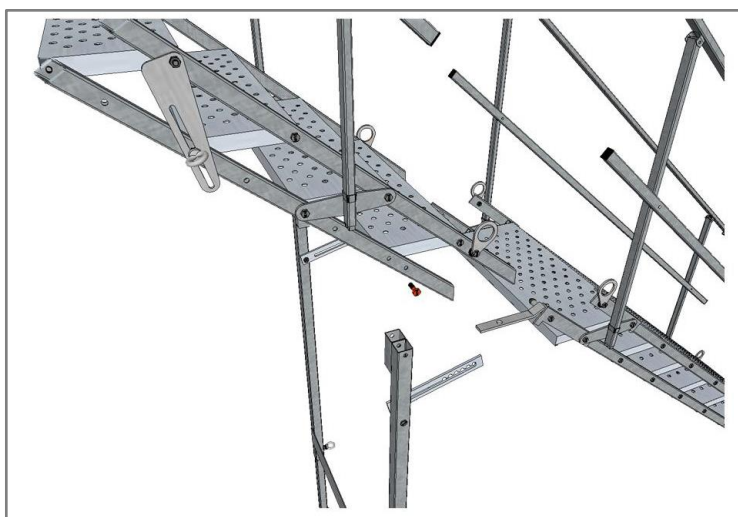
- Further standard support needed
- Assembly via Screws at step 10



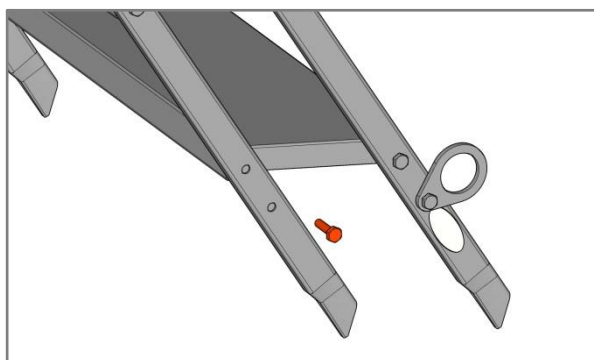
Order of two connected Stairways

Connection 9-Step with 9-Step

Assembly of the support

1

Remove bolt 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.

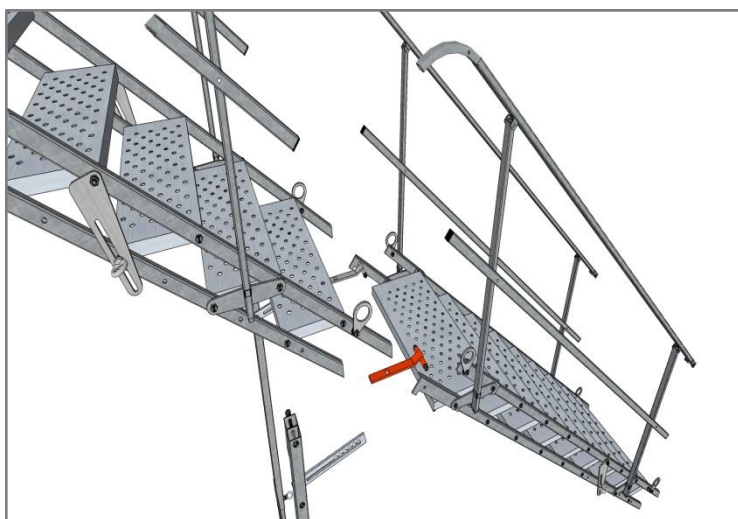


Order of two connected Stairways

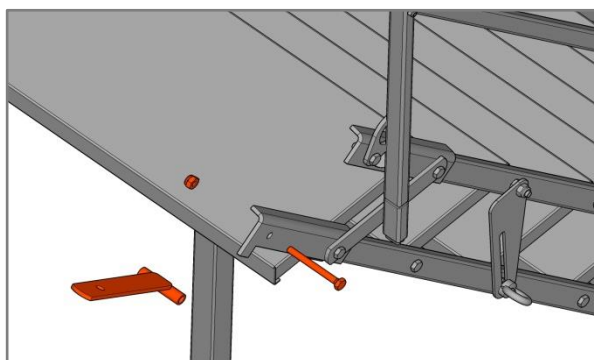
Connection 9-Step with 9-Step

Assembly of the support

2



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.

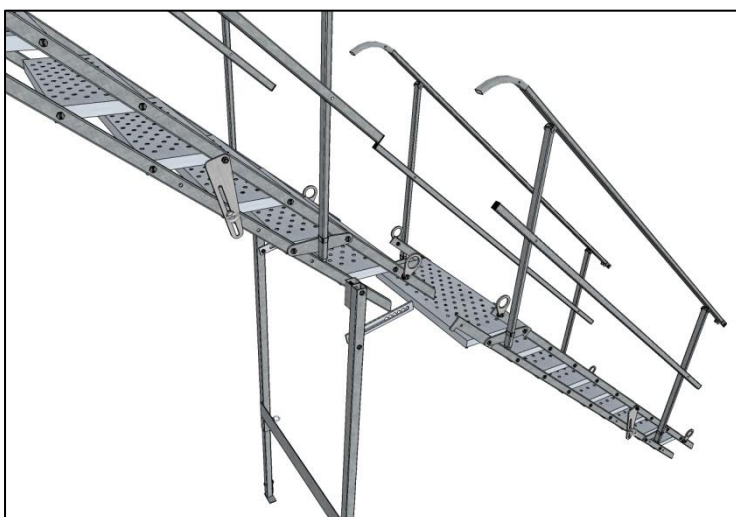


Order of two connected Stairways

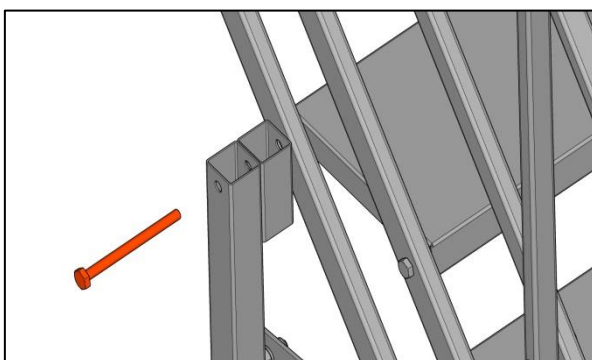
Connection 9-Step with 9-Step

Assembly of the support

3



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.

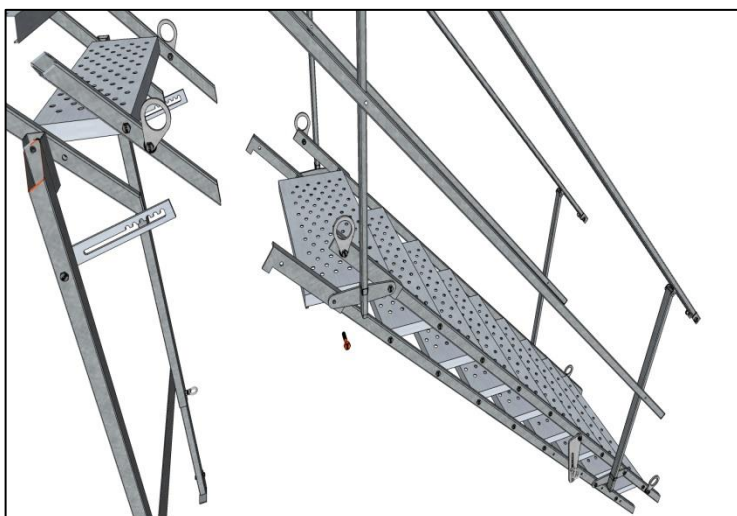


Order of two connected Stairways

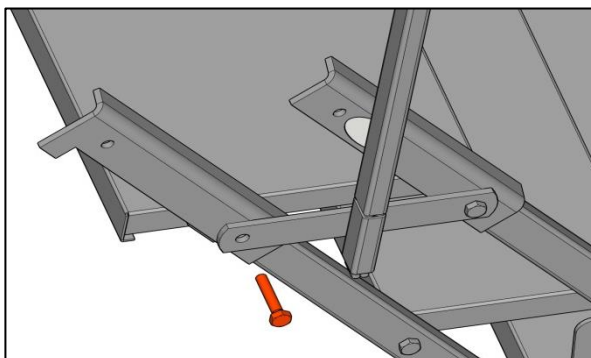
Connection 9-Step with 9-Step

Assembly of the support

4



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.



Order of two connected Stairways

Connection 9-Step with 9-Step

Assembly of the support

5

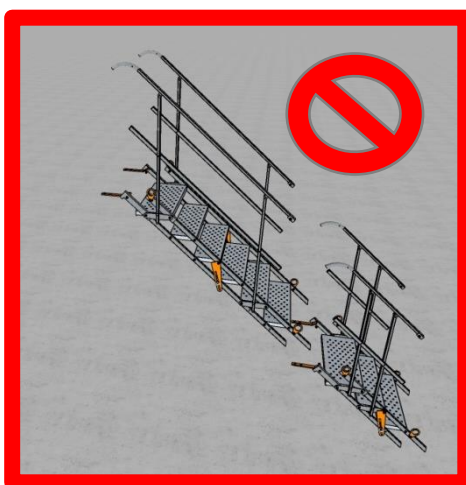
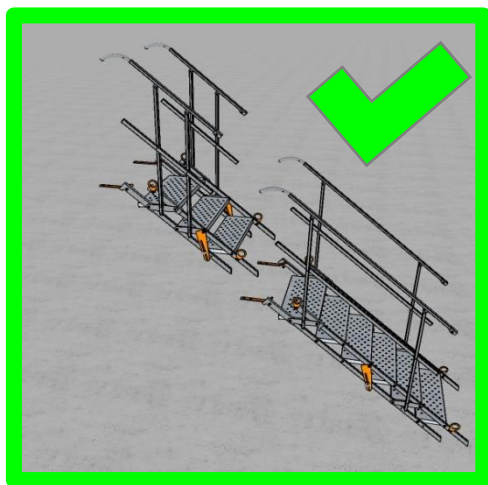


Attach the crocodiles to step 9 of the lower stairway on both sides using bolt ISO 4017 M10x60 8.8, washer ISO 7089 M10 and nut with clamping part ISO 10511 M10 8.

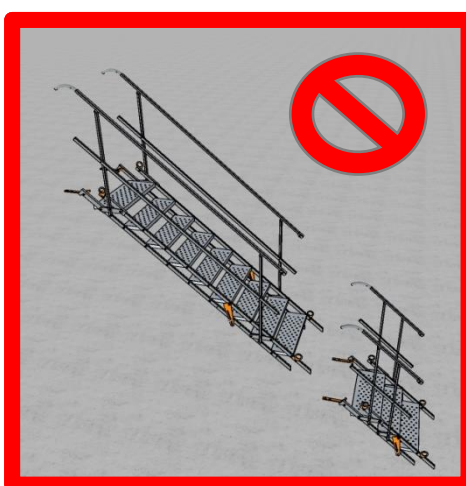
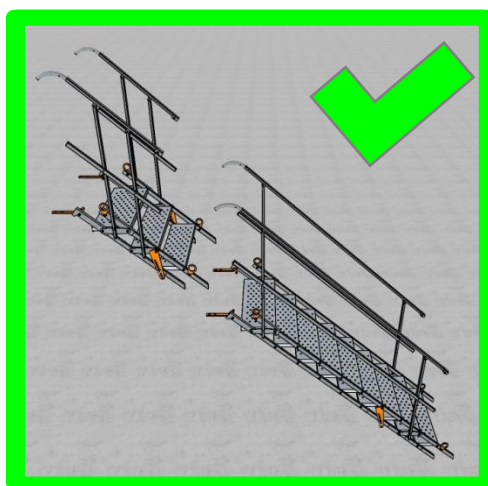


Order of two connected Stairways

Connection 3-Step with 6-Step

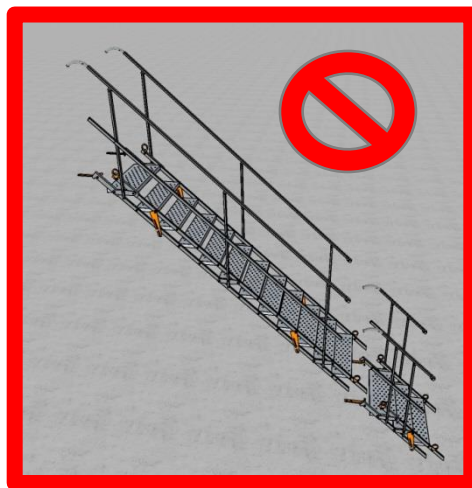
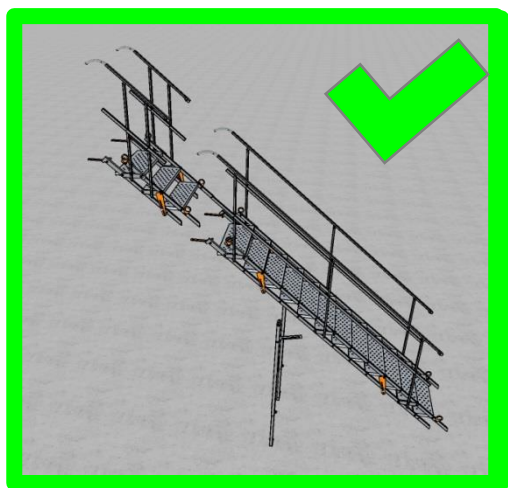


Connection 3-Step with 9-Step



Order of two connected Stairways

Connection 3-Step with 12-Step

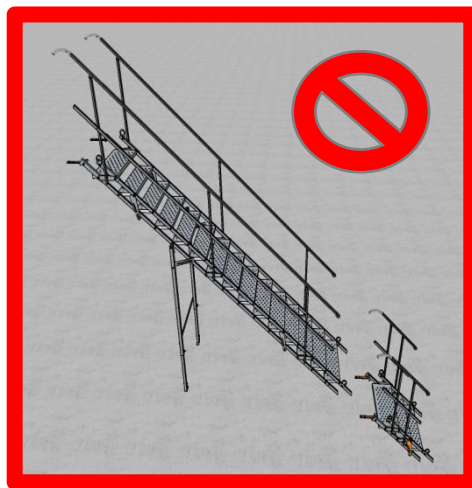
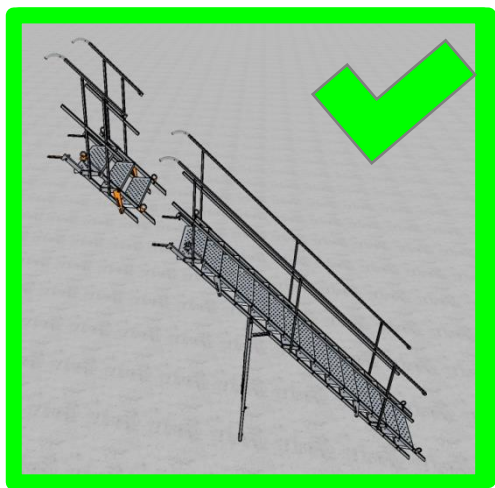


- Further standard support needed
- Assembly via Screws at step 9

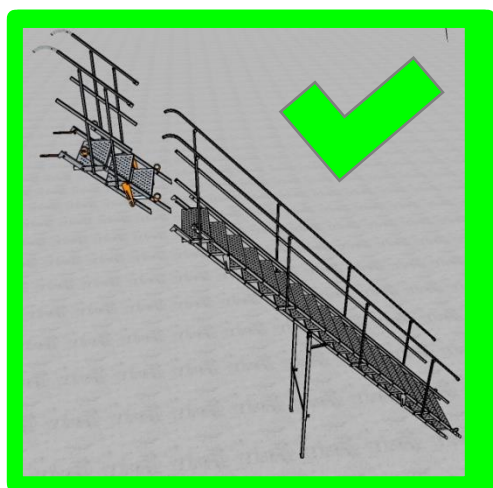


Order of two connected Stairways

Connection 3-Step with 15-Step



Connection 3-Step with 18-Step

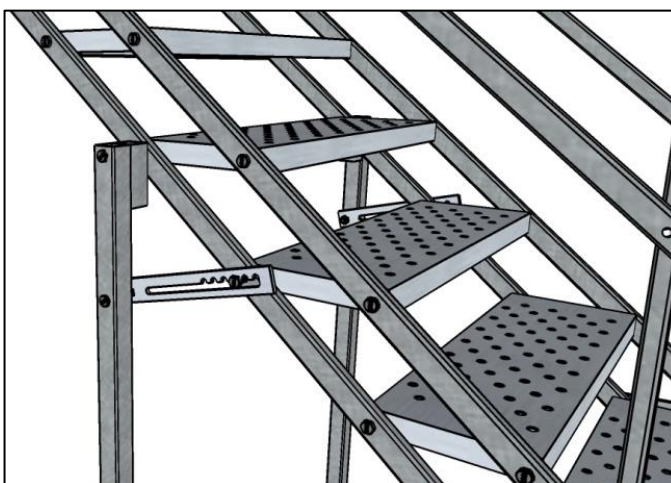
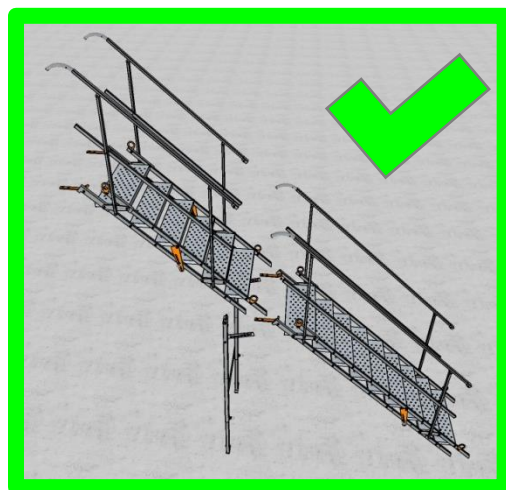


Order of two connected Stairways

Connection 6-Step with 9-Step



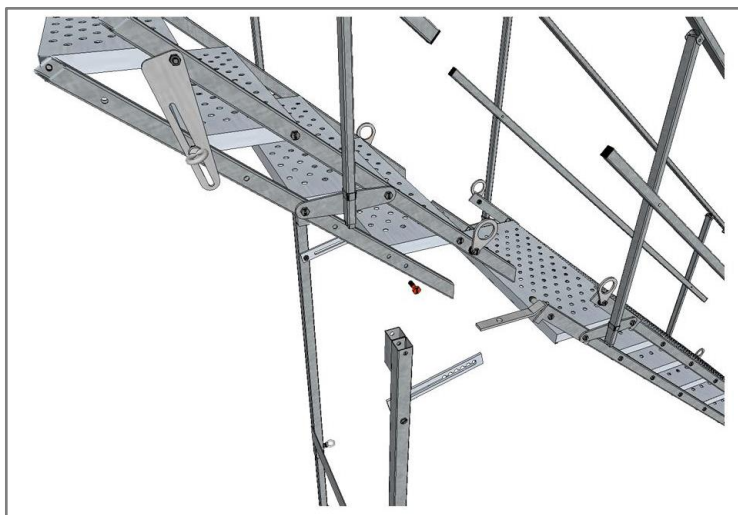
- Further standard support needed
- Assembly via Screws at step 10



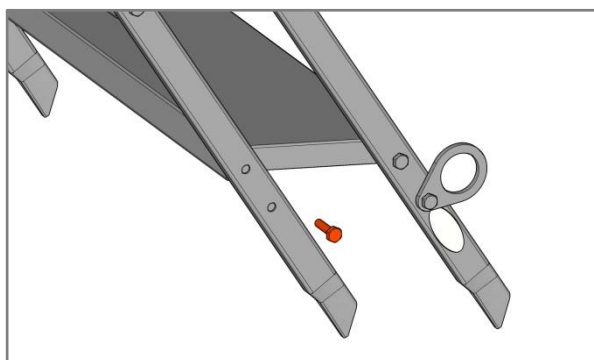
Order of two connected Stairways

Connection 6-Step with 9-Step

Assembly of the support

1

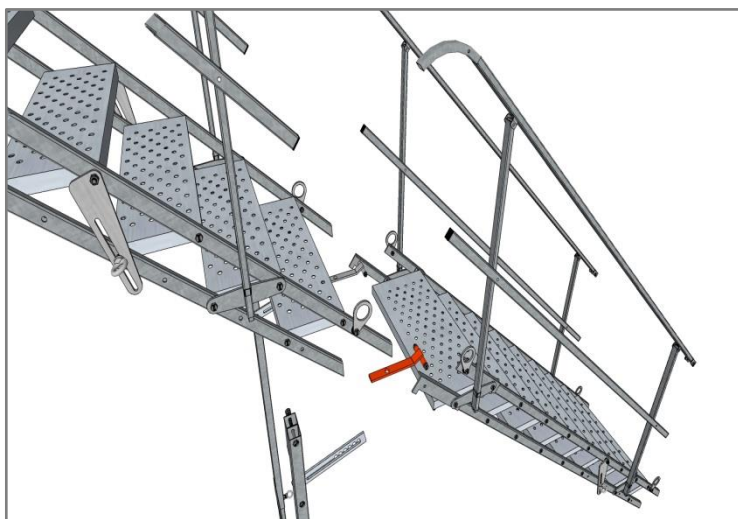
Remove bold ISO 4017 M10x35 8.8 and nut with clamping part ISO 10511 M10 8 at step 1 of the upper stairway at both lower side beams.



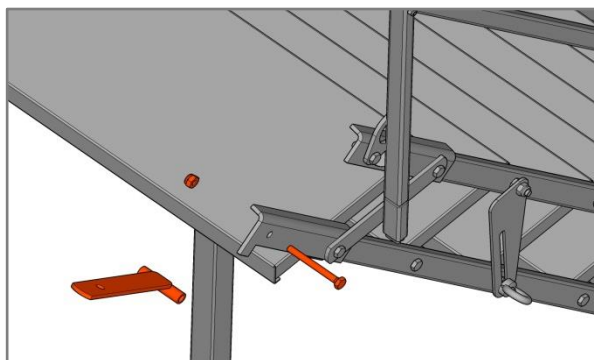
Order of two connected Stairways

Connection 6-Step with 9-Step

Assembly of the support 2



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.

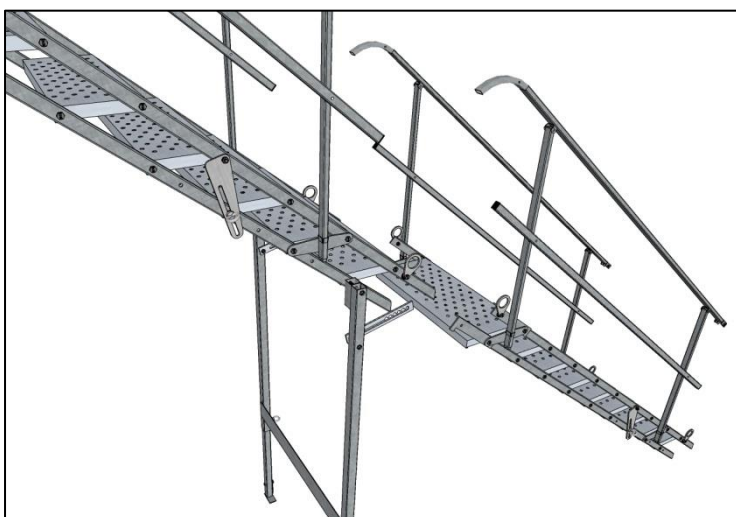


Order of two connected Stairways

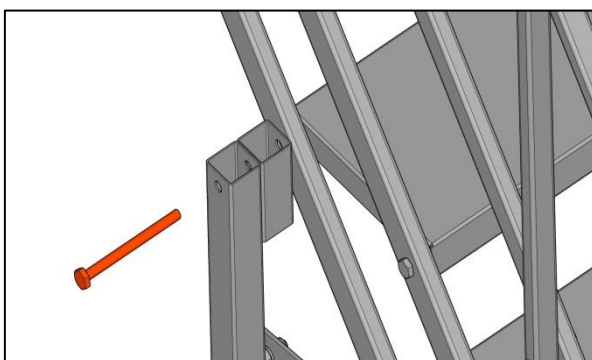
Connection 6-Step with 9-Step

Assembly of the support

3



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.

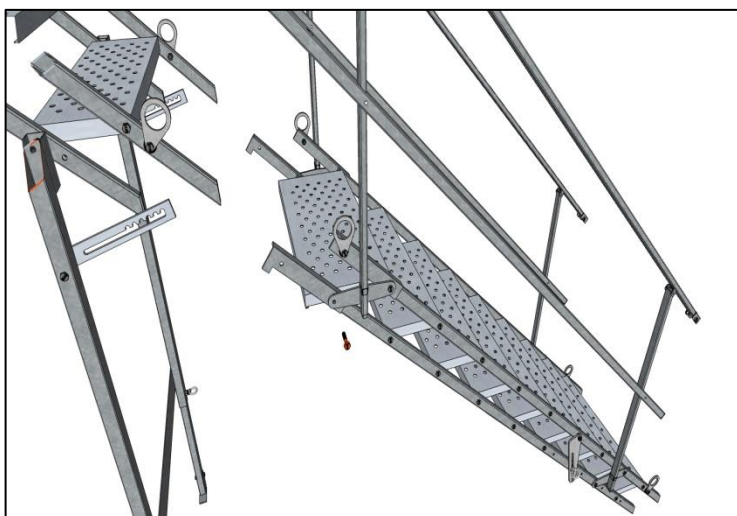


Order of two connected Stairways

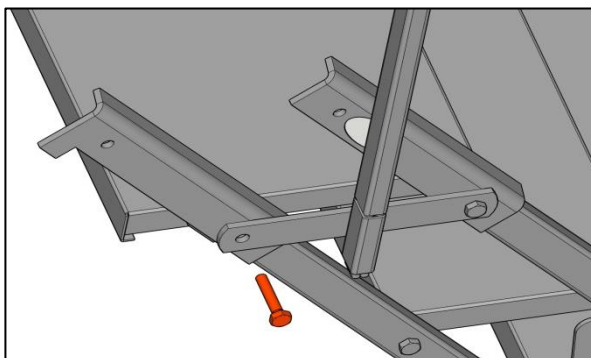
Connection 6-Step with 9-Step

Assembly of the support

4

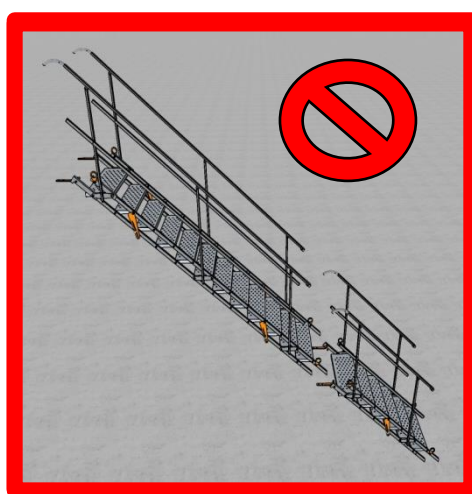
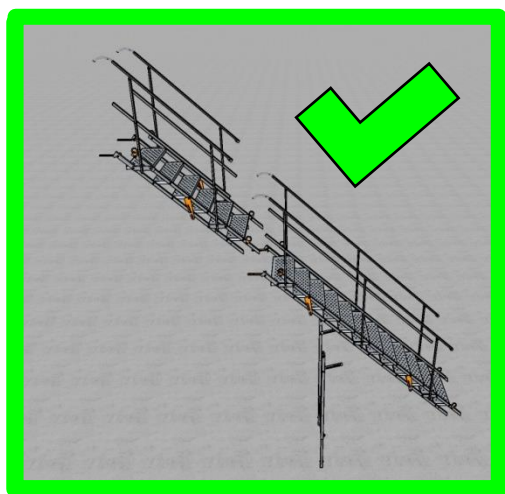


Loose bolt ISO 4017 M10x50 8.8 and nut with clamping part ISO 10511 M10 8 from step 9 of the lower side beams of the lower stairway.



Order of two connected Stairways

Connection 6-Step with 12-Step

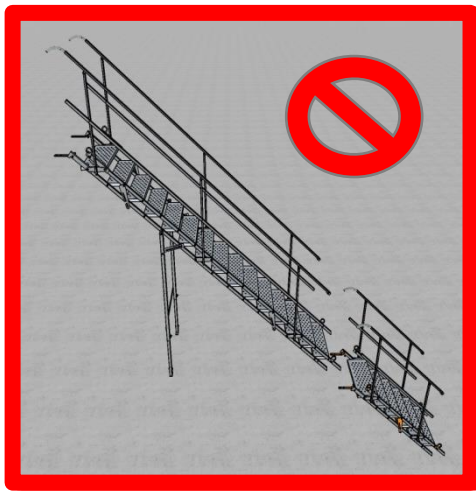
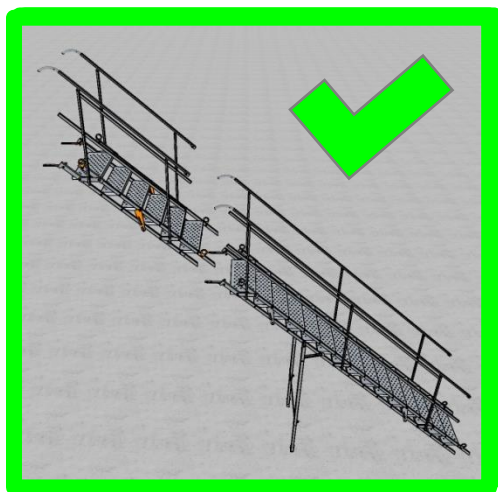


- Further standard support needed
- Assembly via Screws at step 9



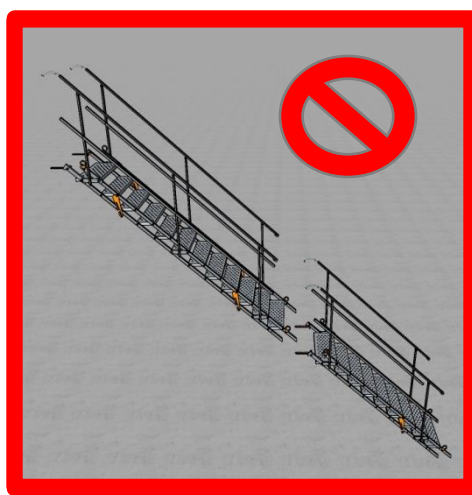
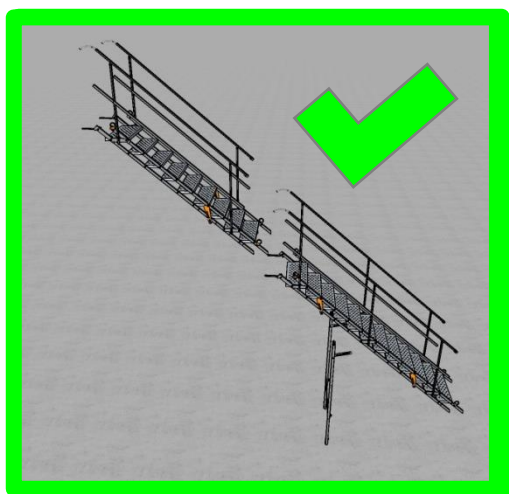
Order of two connected Stairways

Connection 6-Step with 15-Step



Order of two connected Stairways

Connection 9-Step with 12-Step



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

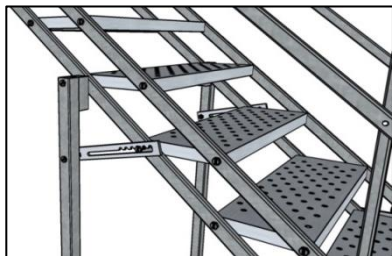


Illustration of Stairway Components

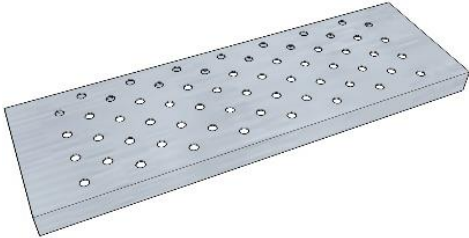
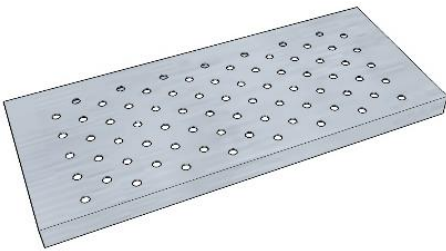
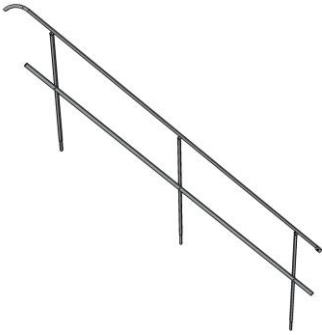
Item No.	Description	Illustration
20016	Standard Step Stairway 700	
20017	Standard Step Stairway 1000	
20018	Big Step Stairway 700	
20019	Big Step Stairway 1000	
20020 20021 20022 20023 20024 20025	Side Beams 3-step Stairway 6-step Stairway 9-step Stairway 12-step Stairway 15-step Stairway 18-step Stairway	
20026 20027 20028 20029 20030 20031	Handrails 3-step Stairway 6-step Stairway 9-step Stairway 12-step Stairway 15-step Stairway 18-step Stairway	

Illustration of Stairway Components

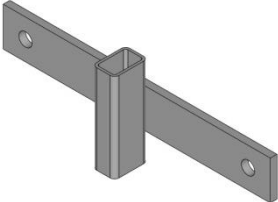
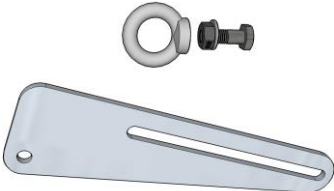
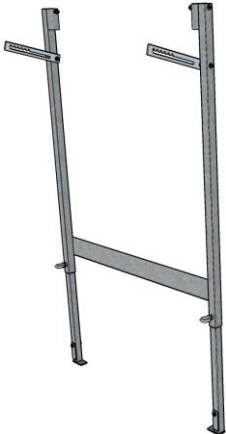
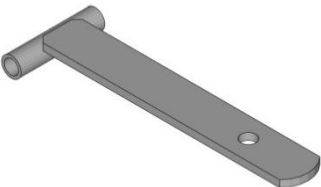
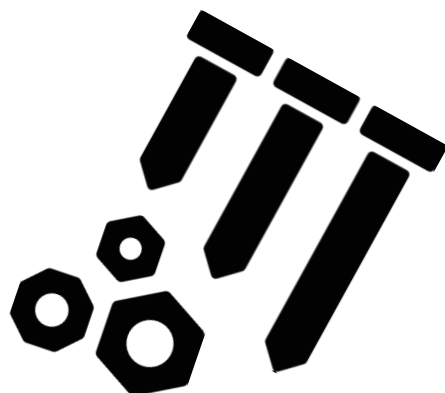
Item No.	Description	Illustration
20032	Handrail Holder	
20033	Stair Lock	
20034	Crane Hook	
20035	Stairway Support 700	
20036	Stairway Support 1000	

Illustration of Stairway Components

Item No.	Description	Illustration
20037	Slabfix for Stairway	
20038	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



General Safety

When installing all Stairways, safety must be observed. The maximum load on individual components must always be kept in mind.

The maximum height and inclination of each Stairway must be observed.

If Stairways show significant damage that affects the statics, it must be removed from traffic immediately.

Before any use, special attention must be paid to the intrinsic safety. Statutory regulations and guidelines of the local authorities must be observed and followed at all times.

When in doubt please contact Safe At Site before usage.

