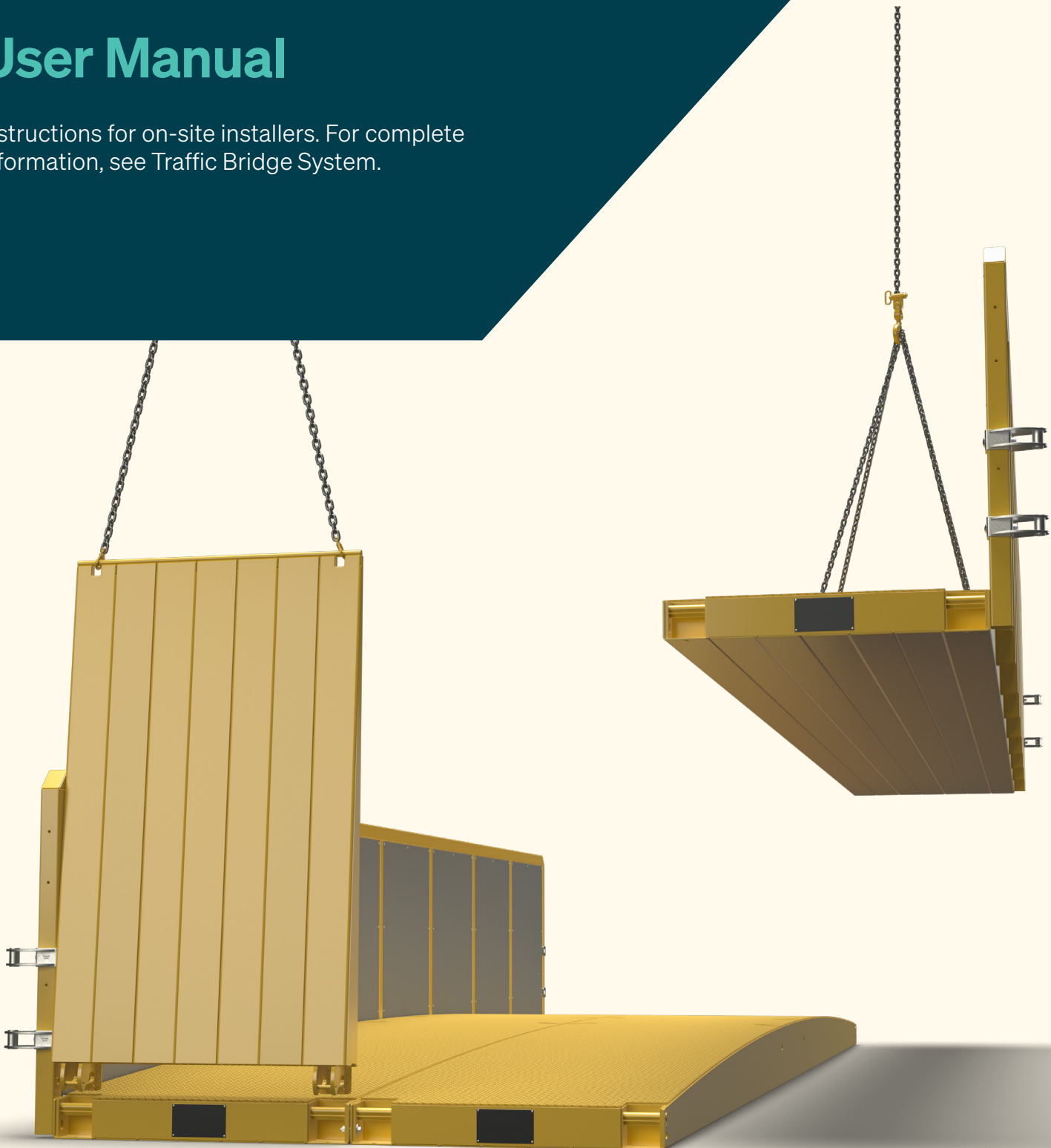


# Traffic Bridge 12

## User Manual

Instructions for on-site installers. For complete information, see Traffic Bridge System.

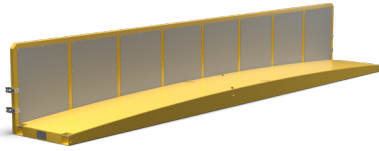


# Traffic Bridge - Product Overview

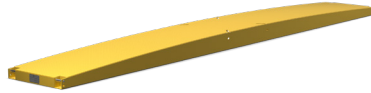
---

## Bridge Sections

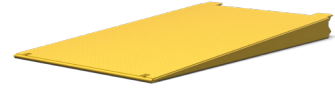
---



8348554  
**Bridge Section with Railing**  
**Metric:** 11700×1786×1801 mm  
**Imperial:** 38.3×5.8×5.9 ft  
**Weight:** 5487 kg / 12096 lb



8348772  
**Bridge Section**  
**Metric:** 11700×1513×400 mm  
**Imperial:** 38.3×4.9×1.3 ft  
**Weight:** 4582 kg / 10101 lb



8347976  
**Ramp**  
**Metric:** 2639×1513×203 mm  
**Imperial:** 8.6×4.9×8 in  
**Weight:** 716 kg / 1578 lb

## Connections

---



8348548  
**Svea Adapter**  
**Metric:** 170×154×300 mm  
**Imperial:** 6.7×6×11.8 in  
**Weight:** 4.8 kg / 10.5 lb



8348558  
**Torun Adapter**  
**Metric:** 90×160×530 mm  
**Imperial:** 3.5×6.3×20.8 in  
**Weight:** 10 kg / 22 lb



8354755  
**Road Fence Adapter**  
**Metric:** 78×140×305 mm  
**Imperial:** 3×5.5×12 in  
**Weight:** 5.1 kg / 11.2 lb

## Spare Parts

---



8350007  
**Traffic Bridge 12 - Fasteners**  
**Weight:** 250 g / 0.55 lb



8350006  
**Traffic Bridge 12 - L-L Fasteners**  
**Weight:** 300 g / 0.66 lb



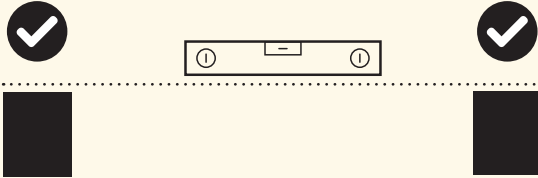
8350009  
**Barrier Connector**  
**Metric:** 158×290×90 mm  
**Imperial:** 6.2×11.4×3.5 in  
**Weight:** 6 kg / 13.2 lb



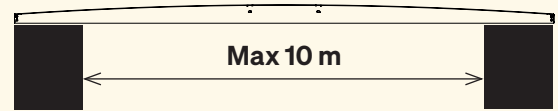
8344271  
**PE-Panel**  
**Metric:** 1336×1490×12 mm  
**Imperial:** 52.5×58.6×0.47 in  
**Weight:** 23 kg / 50.7 lb

# Basic information for installers

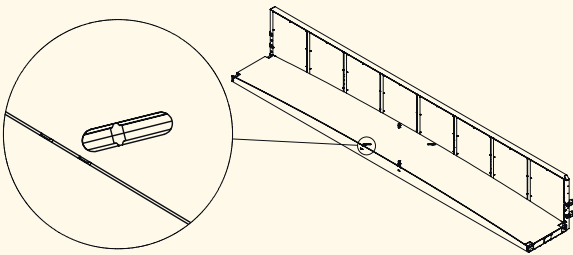
**1** Ensure that the surface is level



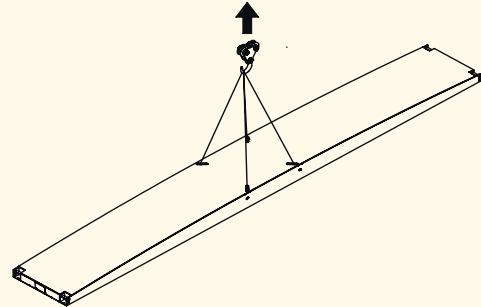
**2** Ensure that the free span is maximum 10 m and that the bridge is centered over the gap



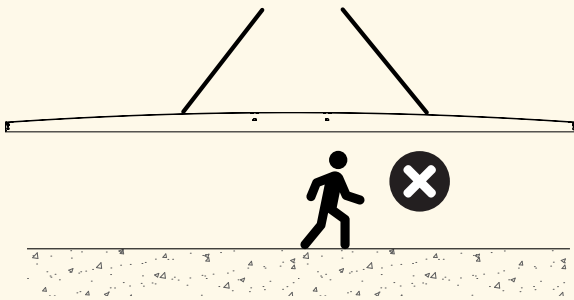
**3** Always use all designated lifting points



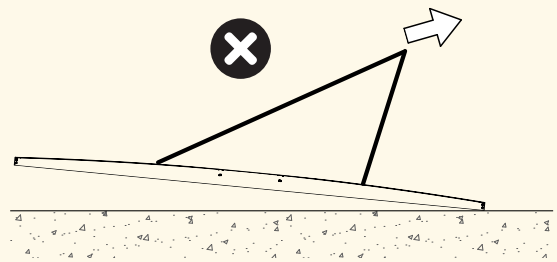
**4** Lift one section at a time



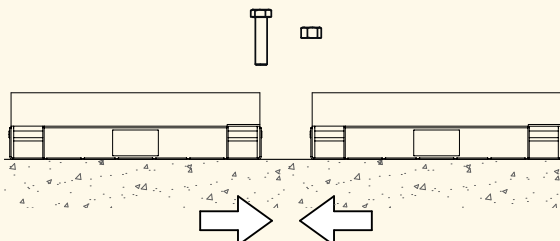
**5** Stand clear from moving bridges!



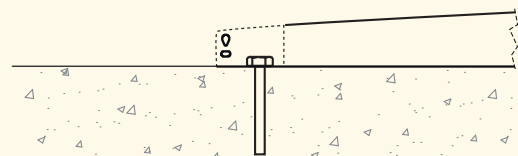
**6** Never drag bridges!



**7** Always fasten the bridges together

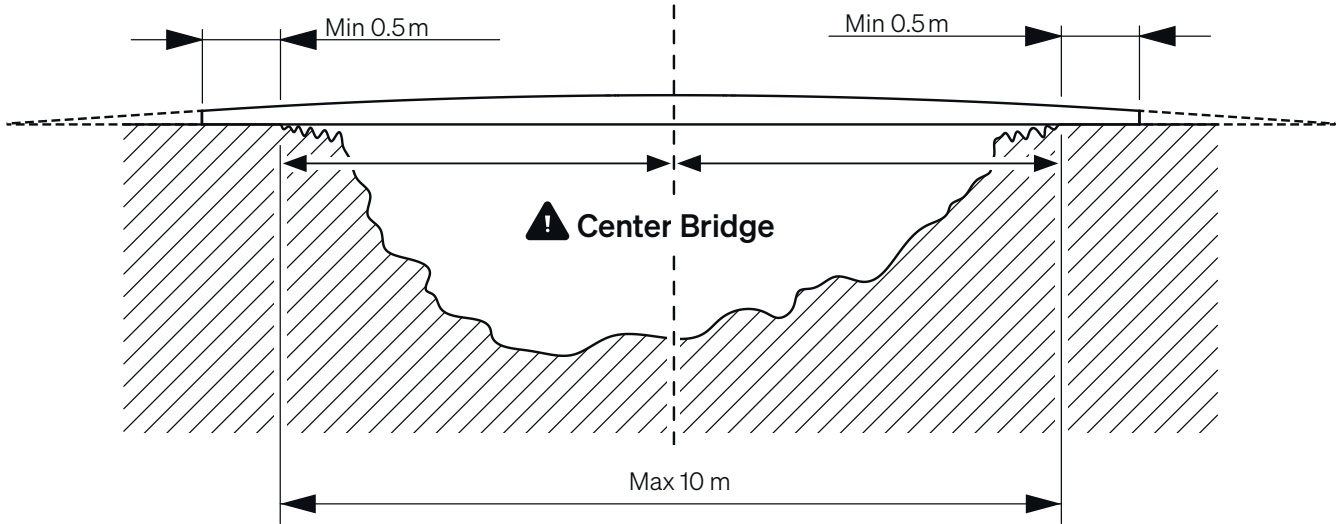


**8** Always anchor the bridge on one side



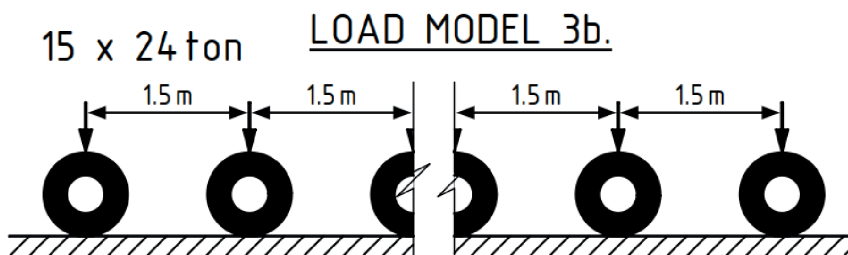
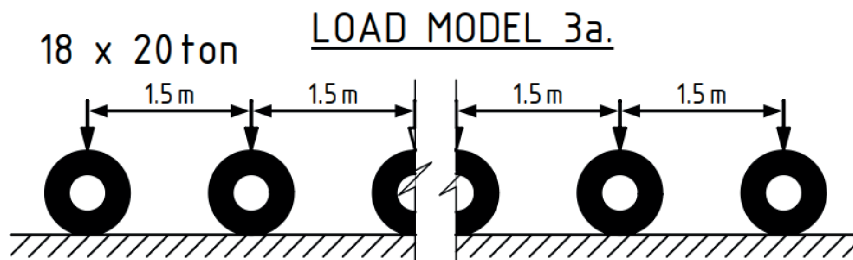
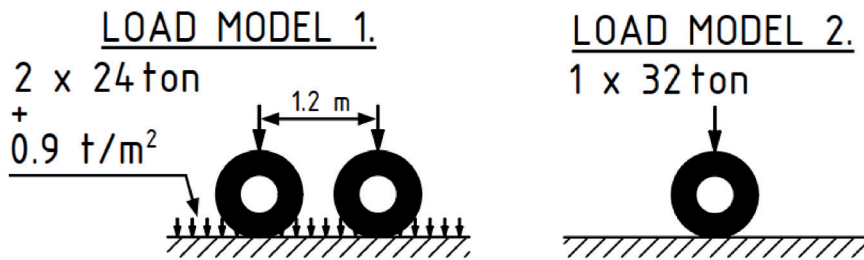
### Approved loading conditions Taffic Bridge 12

**!** The ground preparation must be completed before the bridge is installed.

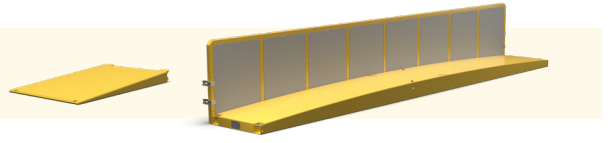


**!** For vehicle traffic, the free span must be kept under 10 m.  
Always center bridge to secure highest possible bearing capacity.

The maximum axle load of passing vehicles cannot exceed following load models.



## Inspection before installation



Always inspect the bridge according to the checklist below before use. If any damage is detected, the product must be taken out of service for repair or recycling.

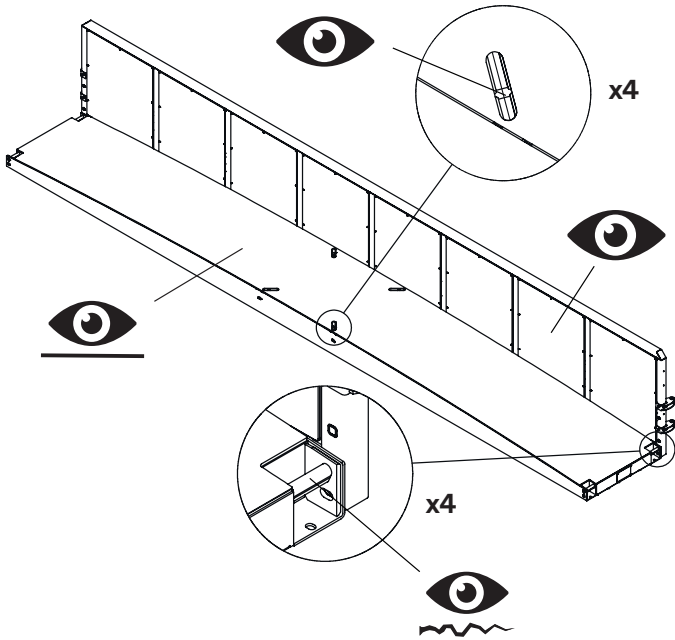
### Before each use, a simple check is recommended:

- ✓ Visually inspect for damage to bridge components.
- ✓ Look for signs of impact or damage from careless lifting or handling.
- ✓ Look for obvious defects in welds at visible surfaces.
- ✓ Look for damage on railing and panelboard.

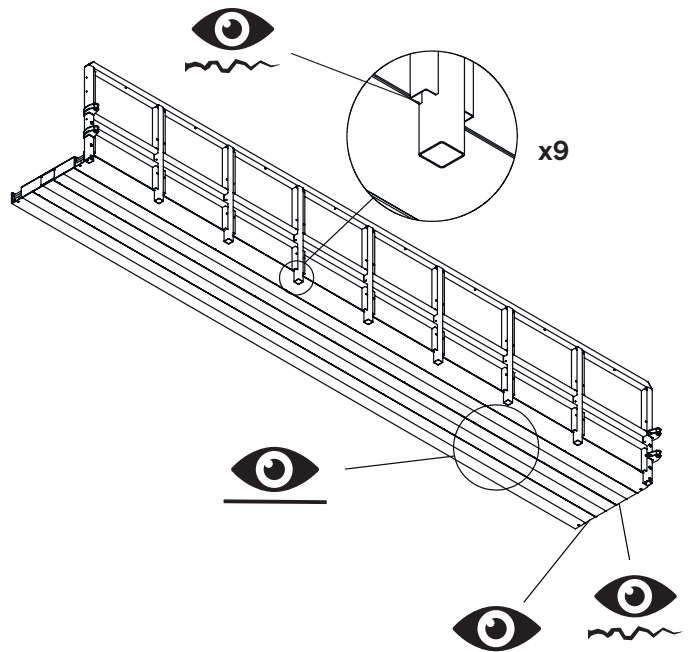
### Annually check the bridge for the following:

- ✓ Cracks/rust in or around welds.
- ✓ Cracks or deformations around the lifting points.
- ✓ Bridge straightness. A bent bridge indicates that overloading has occurred.
- ✓ Make sure the surface is slip-resistant and that no metal is exposed.

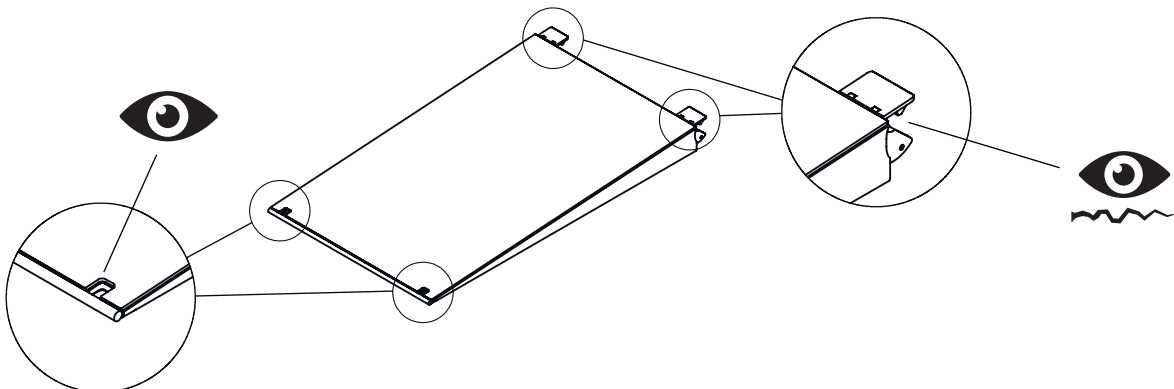
Railing Section / Bridge Section



Section view from below



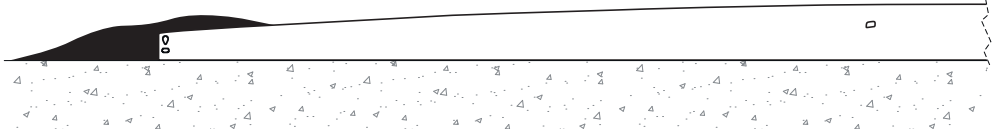
Ramp



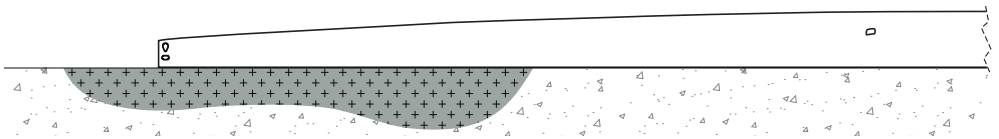
## Do not attempt to lift the bridge when stuck

When lifting a bridge, make sure that the bridge is in no way attached to the ground. Following situations can cause a bigger load when lifting the Traffic Bridge:

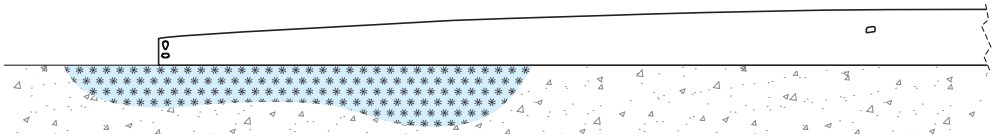
Asphalt for fixation of the bridge



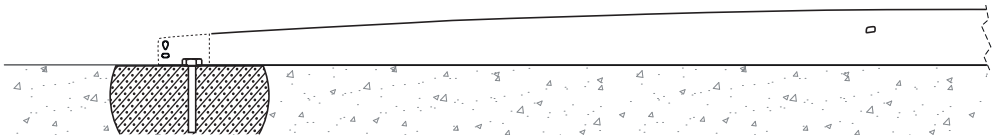
Sticking to the ground



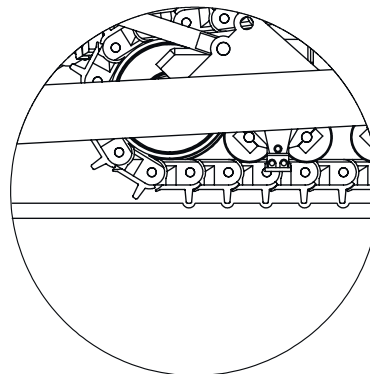
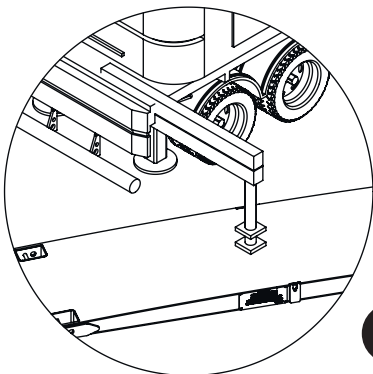
Frozen to the ground



Anchored to the ground



Do not use support legs or tracked vehicles on bridge surface.

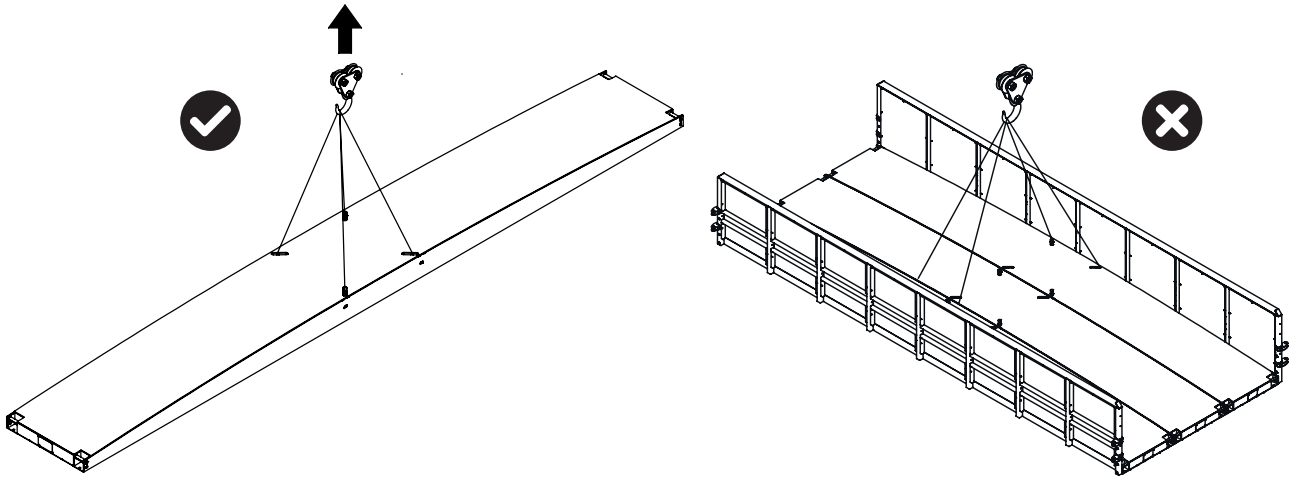


## Lifting options



### Never lift more than one bridge section at a time!

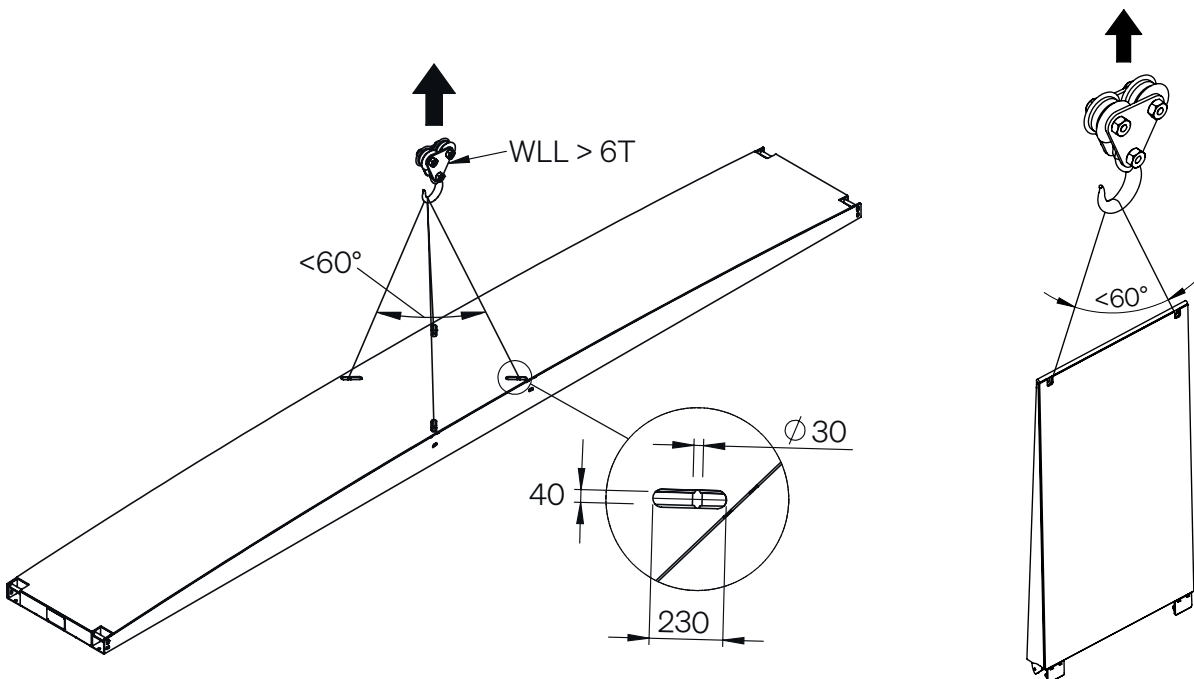
Doing so poses significant risks, including excessive strain on couplings and lifting equipment.



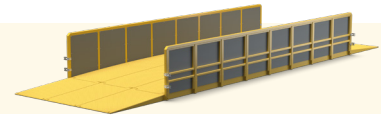
### Use a four-leg chain sling

The Traffic Bridge is equipped with four lifting points. Each lifting point consists of a hole and a pin for added flexibility. When lifting, use a four-leg chain sling rated for the full weight of the bridge, including the required safety margin. Avoid exceeding a 60° angle between the legs of the sling.

Never lift multiple connected bridge sections, only lift individual sections.



# Install Traffic Bridge Sections



## Tools



Wrench: 30 mm

## Fasteners



Hex Screw: M20 - 35 mm  
ISO 4014 - M20 x 80 - 8.8 - HDG

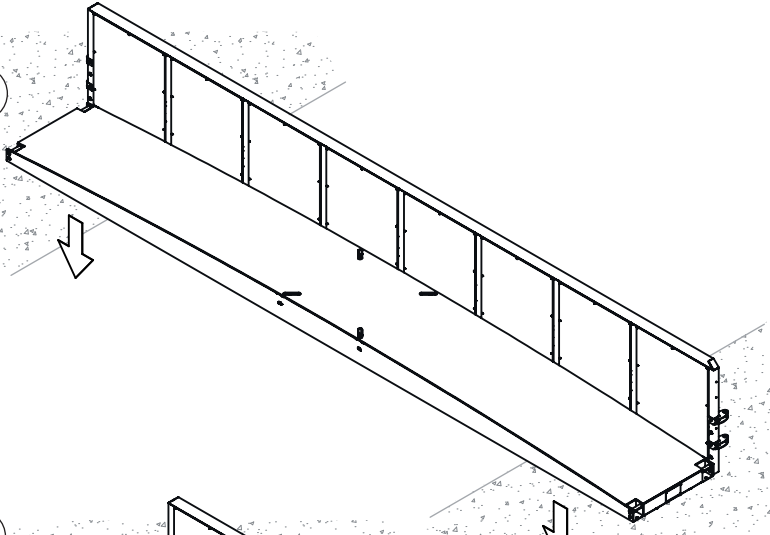


Hex Nut: M20  
ISO 4032 - M20 - 8 - HDG

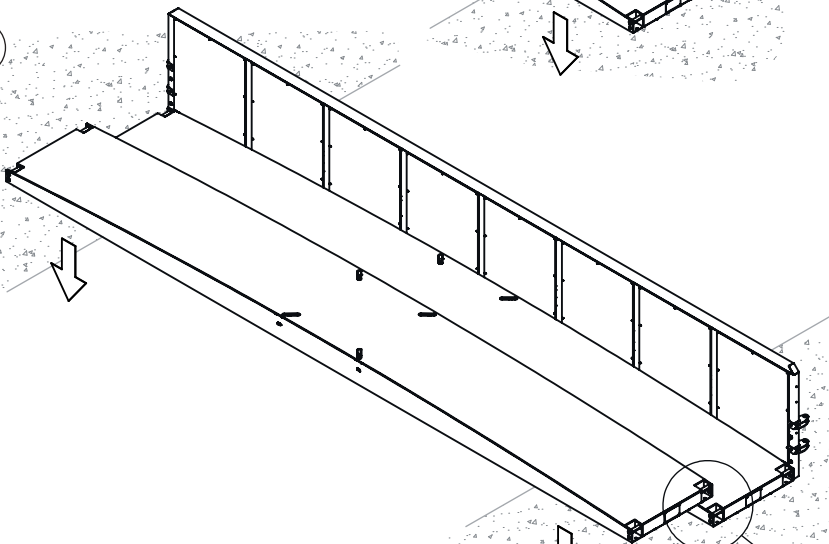


Large Cut Washer  
WXS Special Large Washer

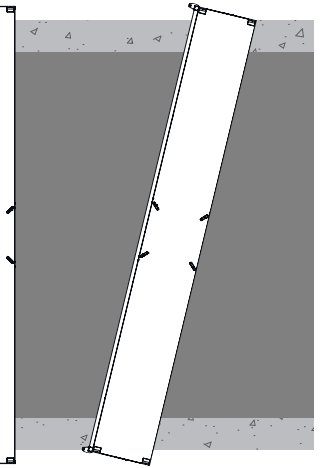
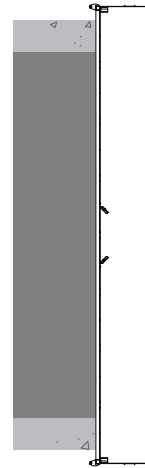
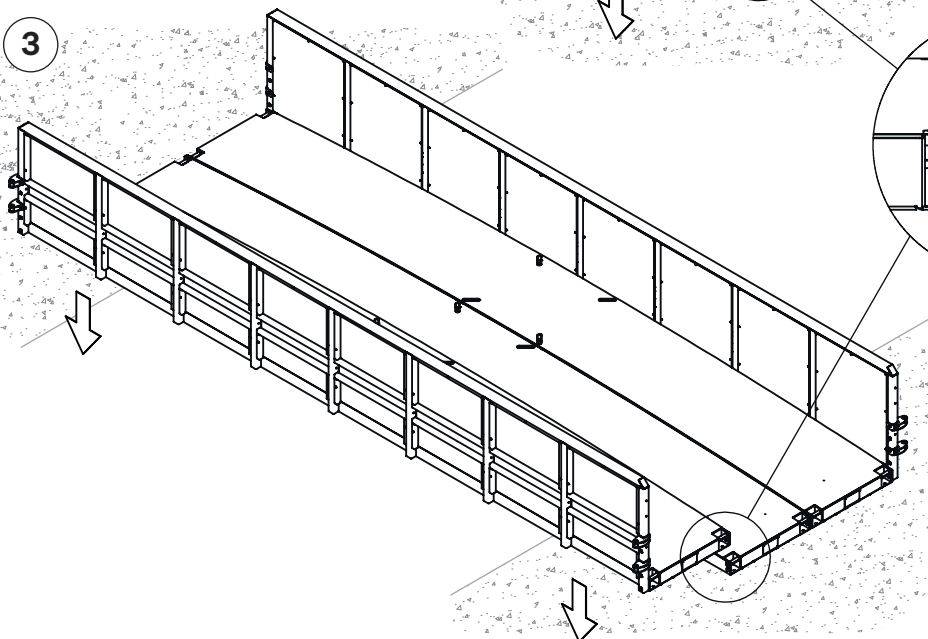
1



2



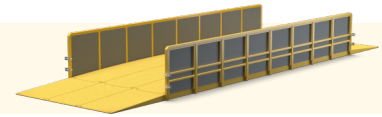
3



Place the Bridge Section with Railing at a 90° angle to the shaft.

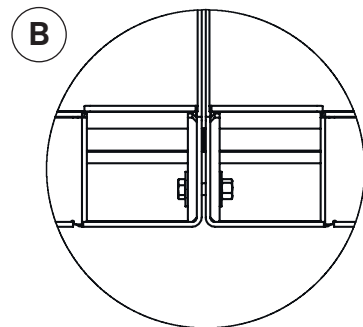
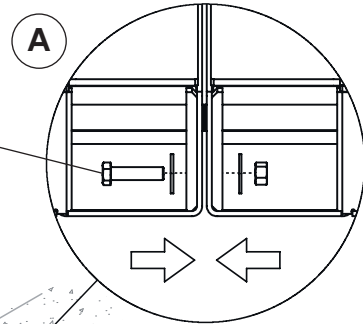
Max 10 mm

## Install Traffic Bridge Sections



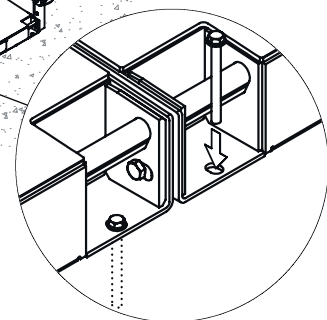
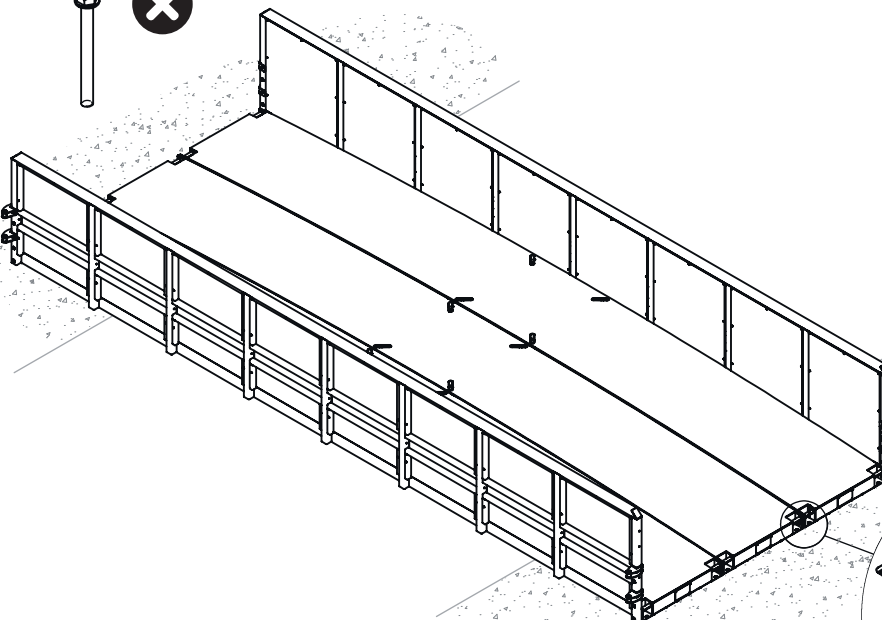
4

Artnr. 8350007



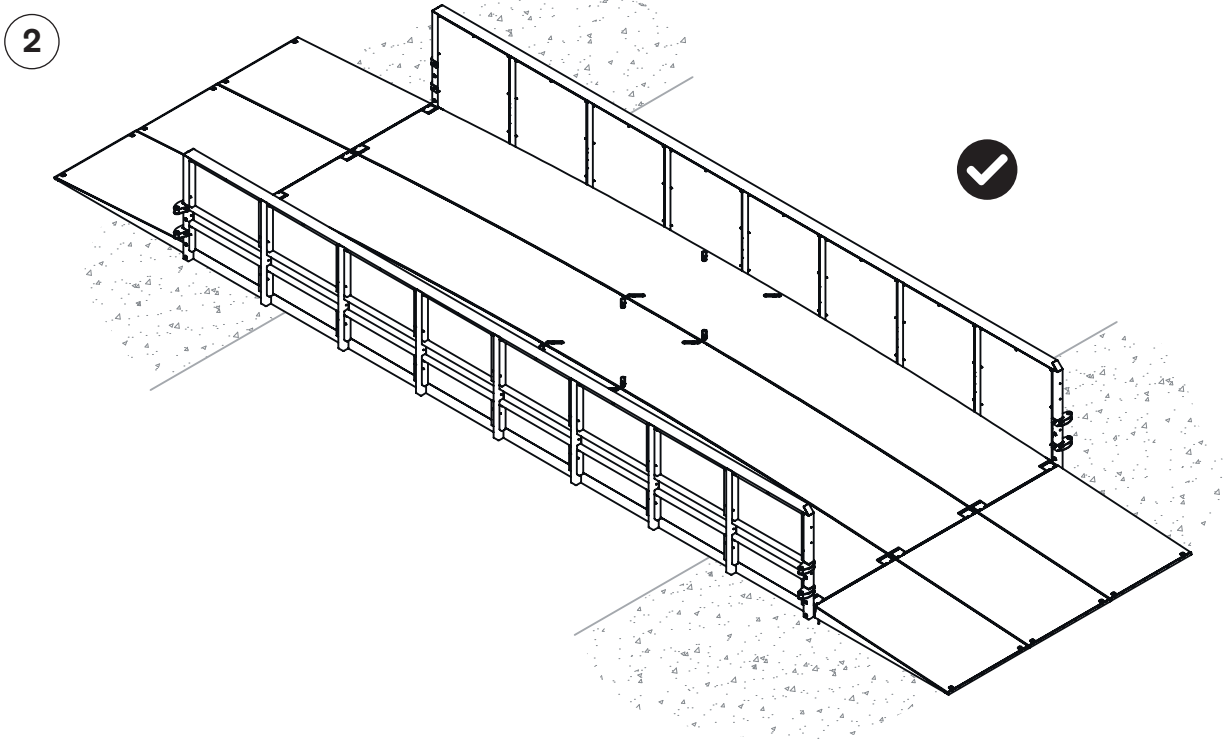
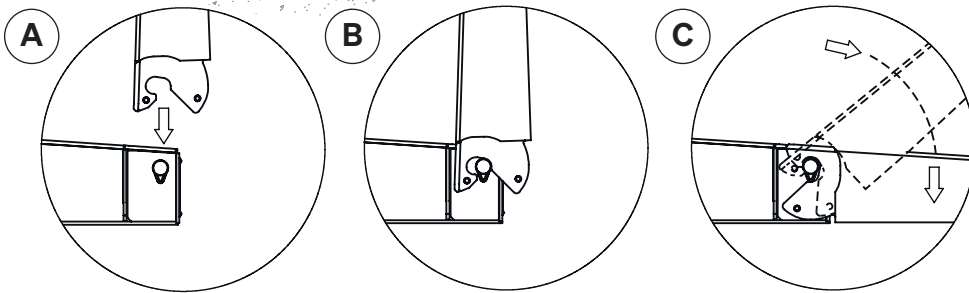
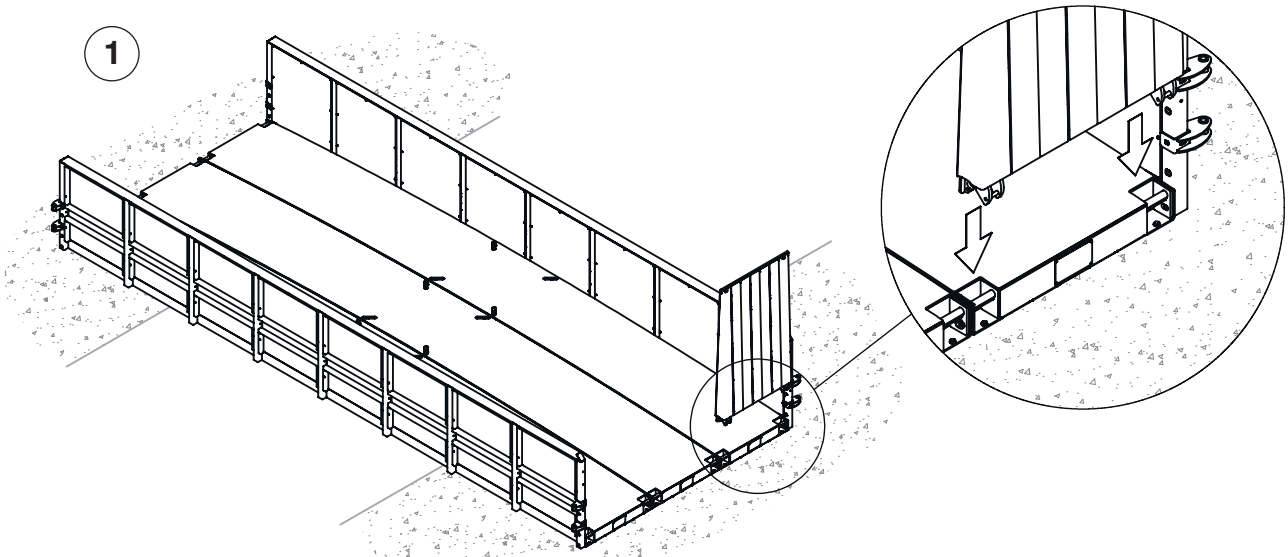
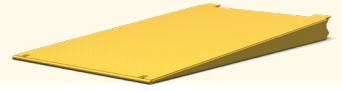
30 mm

5



Use appropriate ground anchoring for the surface when installing the bridge on a flat area. Anchor only one side of the bridge to avoid tensile forces during loading.

### Install Traffic Bridge Ramp





## Install Pedestrian Passage

### Tools



Wrench: 30 mm

### Fasteners



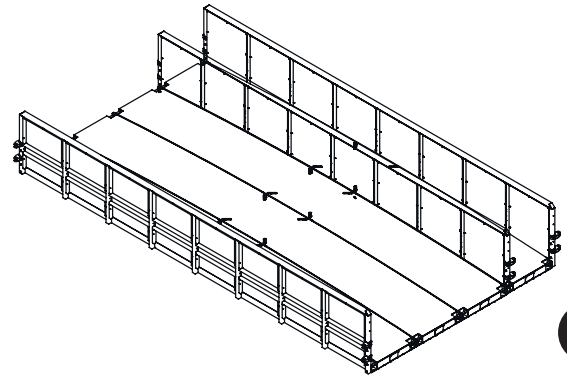
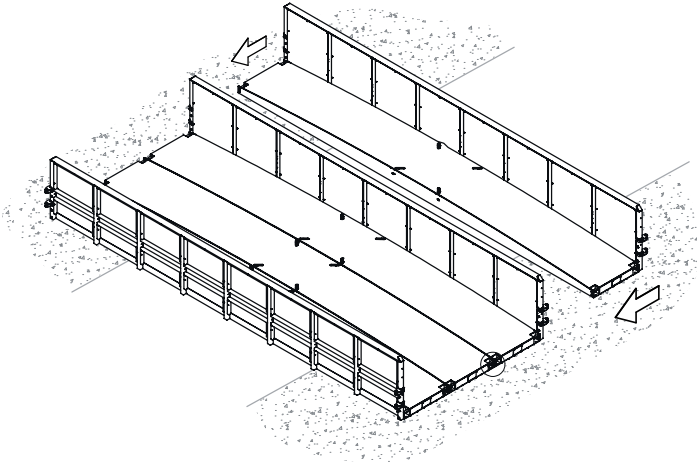
Hex Screw: M20 - 35 mm  
ISO 4014 - M20 x 180 - 8.8 - HDG



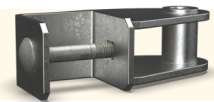
Hex Nut: M20  
ISO 4032 - M20 - 8 - HDG



Large Cut Washer  
WXS Special Large Washer



## Install Barrier Connector



### Tools



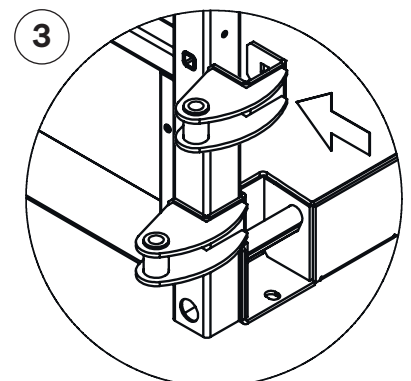
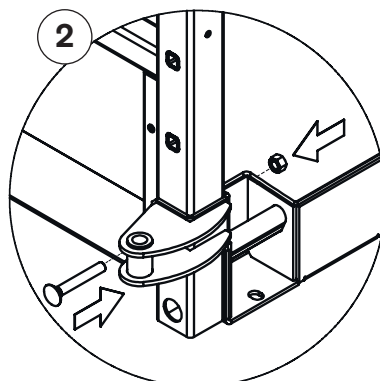
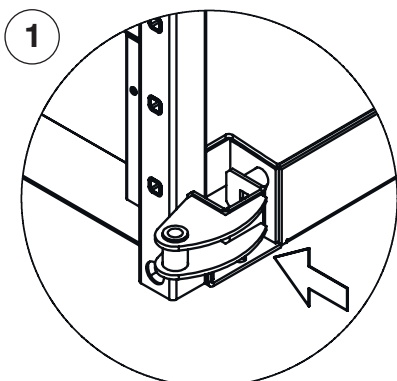
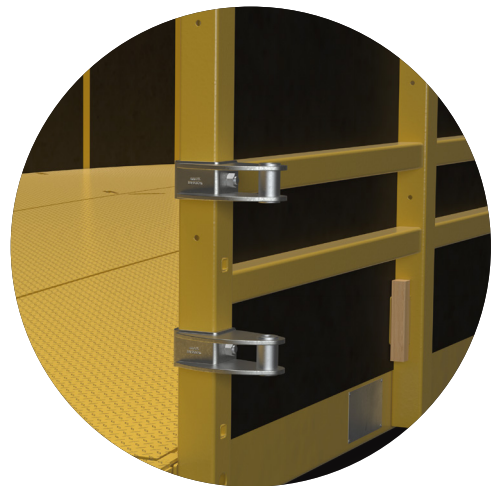
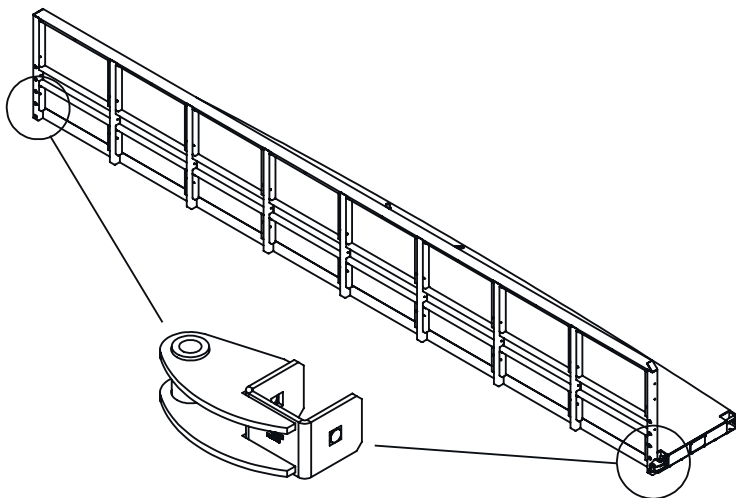
Wrench: 30 mm



Square Neck Bolt: M20 - 35 mm  
ISO 8677 - M20 x 140 - 65 - 8.8 - HDG

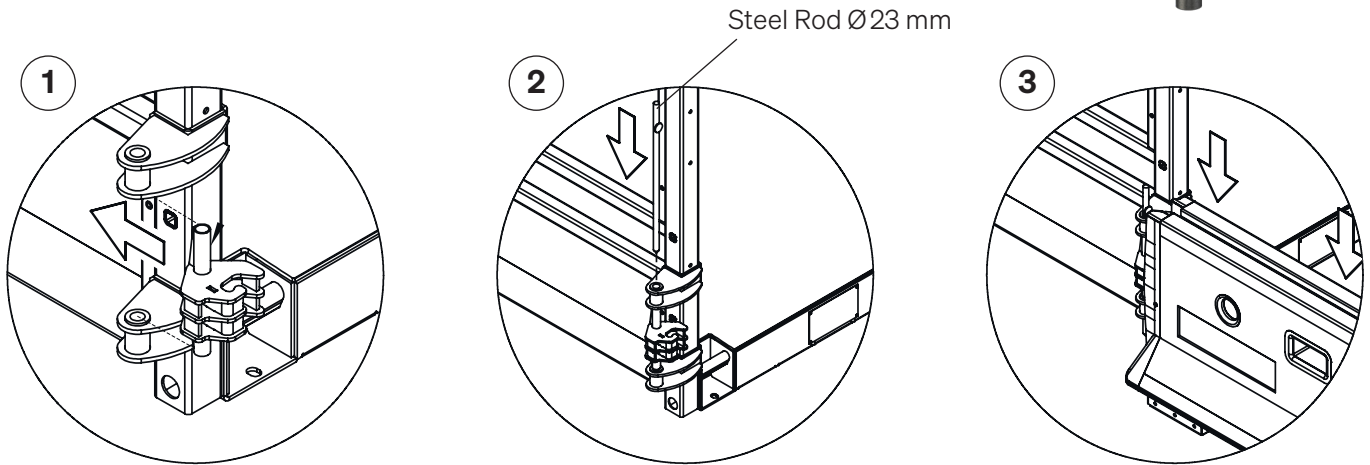
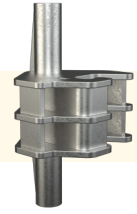


Hex Nut: M20  
ISO 4032 - M20 - 8 - HDG

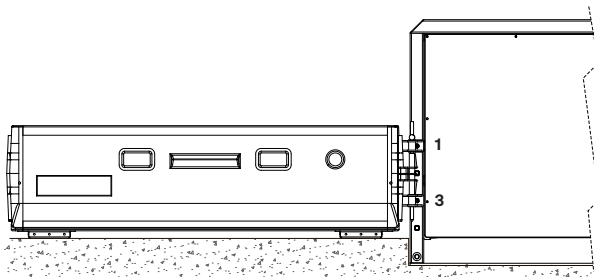


30 mm

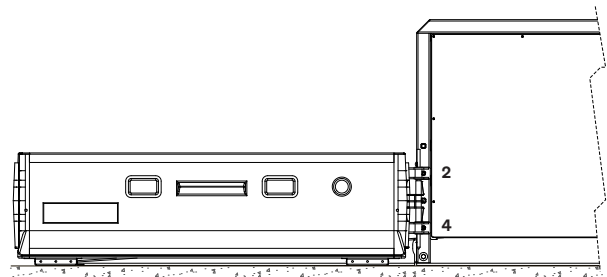
### Install Traffic Bridge Svea Adapter



### Attaching Svea Barrier to the Bridge



When installing the Svea Barrier placed on a ramp, use holes 1 and 3 on the Railing.



When installing the Svea Barrier placed on the ground, use holes 2 and 4 on the Railing.

### Traffic Bridge Barrier Connectors

Follow steps above to install any of our following barrier adapters to the bridge.



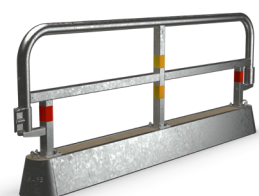
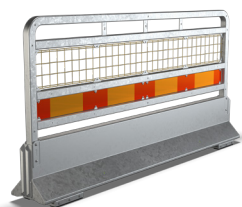
8348548  
**Svea Adapter**



8348558  
**Torun Adapter**



8354755  
**Road Fence Adapter**



# Information





















## General

- This is a shortened version of the products installation documentation, if in doubt, refer to the full product manual or contact your supplier for more information.
- Do not use the product in any other way than what is mentioned in this document.
- Always read the manufacturer's instructions to ensure that the product is used correctly and safely.
- If anything is unclear, contact the manufacturer or your retailer.
- Never mix products from different manufacturers.
- Do never exceed the specified load limits.

## Storage

- Store as far as possible in non-corrosive environment.
- Store the products according to the manufacturer's intended way for example when stacking to minimize the risk of personal injury.
- Avoid storing in corrosive environment.
- Store according to manufacturers instructions to prevent material damage and personal injury.

## Symbol Descriptions

 Recycle	 Dimensions	 Weight
 Correct	 Incorrect	 Be aware
 Inspect	 Inspect straightness	 Inspect for cracks
 Radius	 Insert	 Turn
 Loosen	 Tighten	 Tighten with torque
 Loosen	 Tighten	 Tighten with torque
 Time	 Replace	

# Your Safety. Delivered.



For technical support: [info@worxsafe.com](mailto:info@worxsafe.com) | [worxsafe.com](http://worxsafe.com)

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[www.ramuddenglobal.com/connect](http://www.ramuddenglobal.com/connect)