

HINGED BRIDGE PLATES

INSTALLATION/OPERATING/MAINTENANCE INSTRUCTIONS

PURPOSE: To provide access across gaps and height differences for the loading/unloading of vehicles.

INSTALLATION INSTRUCTIONS

Refer to Drawing attached

1. Before commencing work check that the dock face is sound and true.
2. Mount the fixing clamps to hold the rail onto the dock face according to the mounting face as shown in attached drawing. The spacing of the clamps is the same for all methods of fixing and can also be found on the attached drawing.
3. Once the clips have been mounted, the rail can be fitted into place, with the lower mounting clips being left loose until the rail is set. Then tighten the lower clips. NB - Lower clips reversed.
4. Slide the hinge plate into the rail, making sure that the rail is free of dirt that may block movement. Dock Bumpers are required for protection of the hinge rail and the loading dock. For single dock tracks place the Dock Bumpers at each end of the rail (maximum 2200mm apart) to prevent the hinge plate from being removed. Leave clearance of at least 50mm at either end of the rail for clearing debris from the rail. For longer rail lengths Dock Bumpers should be placed at 2200mm intervals under the rail, for full protection.
5. Store the plate in a vertical position with the locking clamp engaged.

OPERATING INSTRUCTIONS

1. Ensure that the loading/unloading area is clear of obstructions.
2. Check to see that both the loading/unloading surfaces are stationary, restrained by wheel chocks or similar and correctly positioned.
3. Unlock the locking clamp as shown in Figure 1.

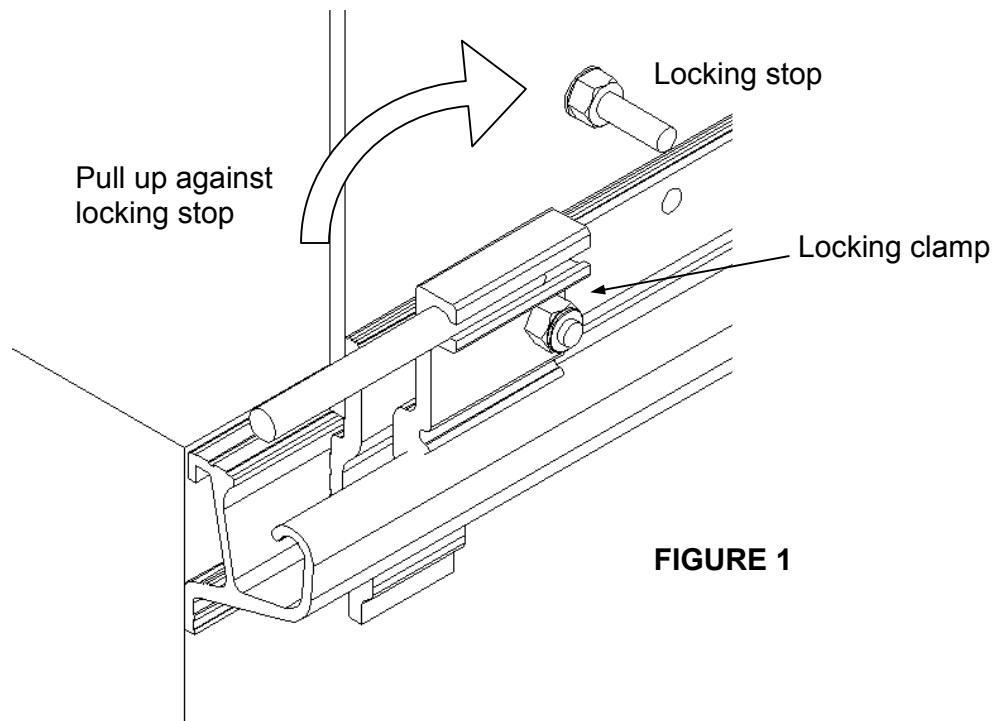
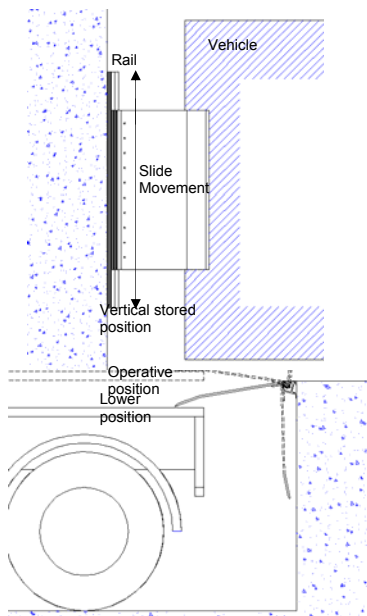


FIGURE 1

4. Slide the Bridge Plate into a correct loading/unloading position as shown in Figure 2.



5. Lower the Bridge Plate gently down onto the loading/unloading surface using the chain lifting handle if so fitted. (Recommended)
6. Ensure that only the lip of the Bridge Plate is located on the vehicle ensuring a minimum length of 50mm is in contact with the vehicle at all times.
7. Loading/unloading may now commence.
8. Upon completion of the loading/ unloading, remove the Bridge Plate by reversing the above procedures.
9. Lock the Bridge Plate in the vertical position via the locking clamp. The bridge Plate is now ready for the next vehicle.

NOTE: Acceptable lifting loads for personnel are as follows:

- 1 Man up to 30Kg
- 2 Men or wheeled ramps up to 60Kg
- After 60Kg mechanical lifting equipment is recommended.

FIGURE 2

NOTE: The lower stored position as shown in Figure 2 is only to allow access to the loading dock when the use of the Hinge Plate is not required. The Bridge Plate should normally always be stored in the vertical position.

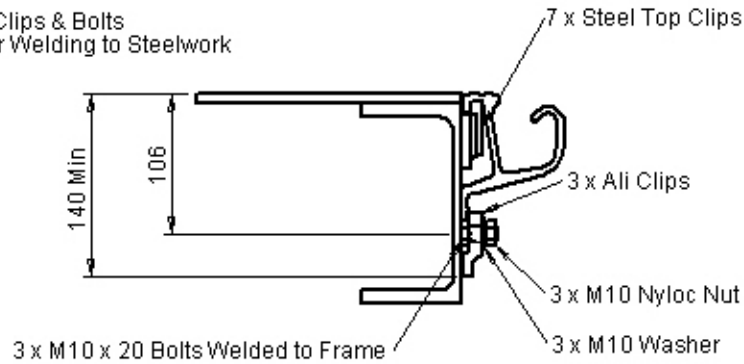
MAINTENANCE INSTRUCTIONS

1. After use check that the rail is clear of debris which would impede movement or locking of the Hinge Bridge Plate. If debris is caught in the rail, remove it to avoid damaging the ramp or the rail and allowing safe operation.
2. **CHECK EVERY MONTH:**
 - That a serial plate stating the equipments capacity is attached.
 - The edges for burrs or damage which may cause injury to personnel whilst using the equipment.
 - All nuts and bolts to see that none are loose or missing.
 - The side curbs (if fitted) to ensure they are properly attached to the plate or board with no cracks or damage to welds.
 - The board/plate for cracks including the welds which would reduce the operating capacity of the equipment.
 - The locking clamp on the Hinged Bridge Plate prevents plate movement when in the locked position.
 - The rail on the Hinged Bridge Plate is not damaged.
 - The lifting handles (if fitted) are in good condition.

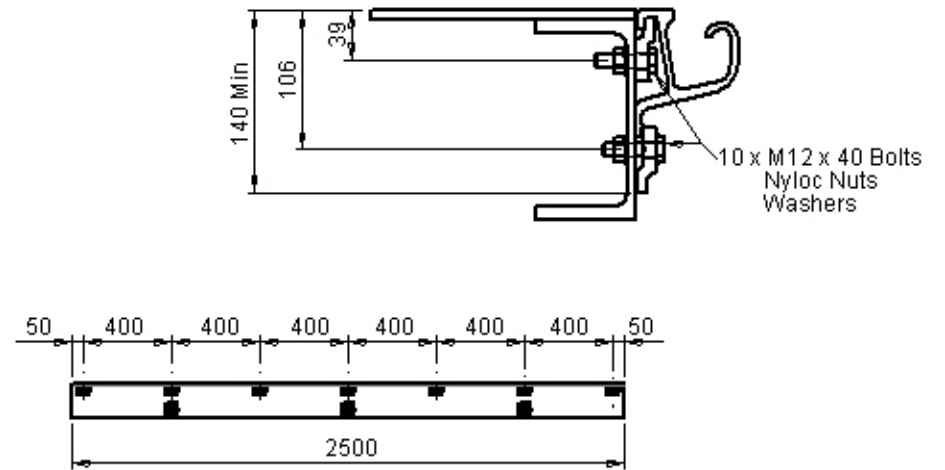
If any of the above checks are unsatisfactory, **do not use the equipment** until your maintenance department is consulted and the problem is rectified. This will prevent further damage or unsafe practices from occurring.

3. Surfaces should be kept free from oil and/or dirt build up to avoid traction loss to persons and/or equipment whilst in use

1 Steel Top Clips & Bolts
Suitable for Welding to Steelwork

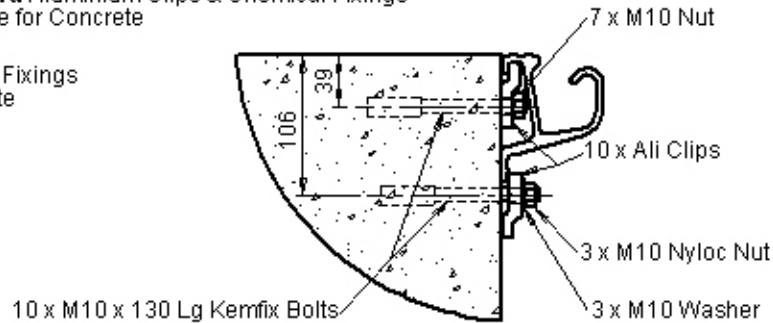


2 Aluminium Clips & Bolts
Suitable for Drilling and Bolting to Steelwork



4 Standard Aluminium Clips & Chemical Fixings
Suitable for Concrete

N.B. Type 3 Fixings
now obsolete



5 Steel Combi Clips
Suitable for Welding to Steelwork

