



# Stainless Steel Handrail System

**Lockinex**<sup>®</sup>  
*great service, great quality*

## **INTRODUCTION**

Lockinex Stainless steel balustrades & handrails are found in many public areas. The simplicity of the component system enables easy order proceeding and delivery assisting in a speedy economical installation. The high quality brackets and tube provide for a high class look and feel.

## **APPLICATION**

Installations such as, Mezzanine floor areas in showrooms, Pool side, Internal stair cases, Exhibition Hall, Domestic dwellings, Roof top gardens and much more.

## **DESIGN**

Clever design and application ensure the product meets with current UK building regulations.

## **COMPOSITION, MANUFACTURE**

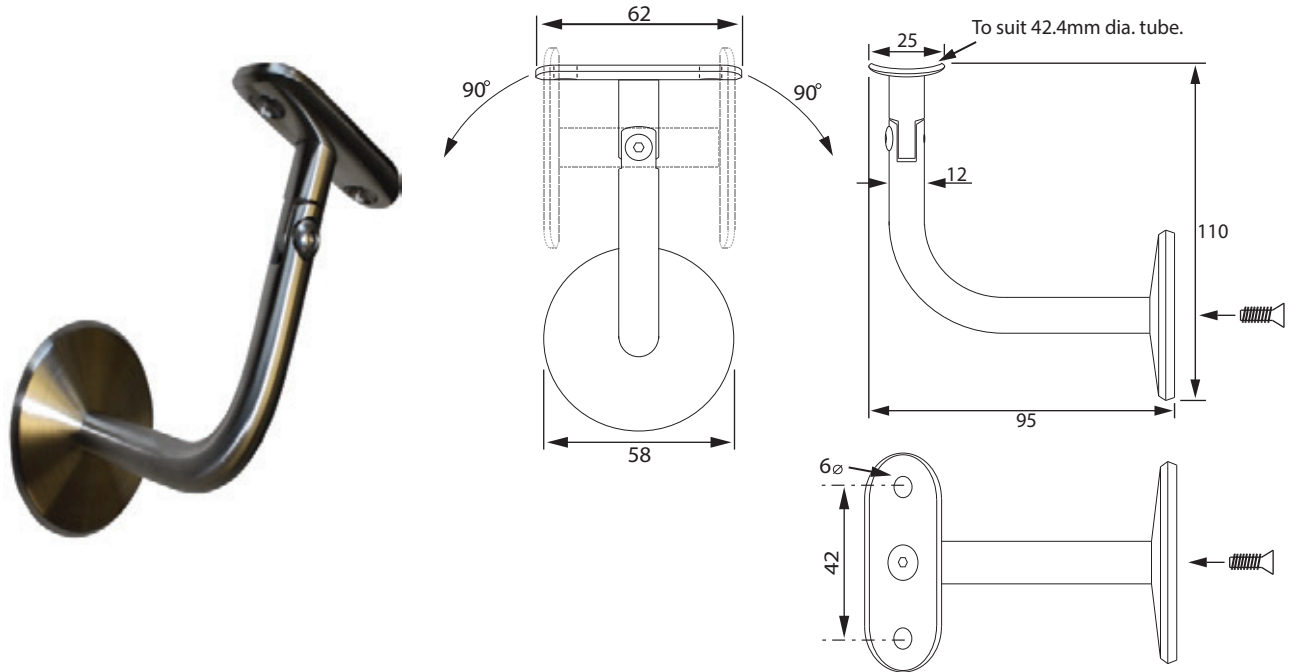
Grade 304 Stainless steel is used through out.

A satin finish is applied to all items.

Items are manufactured to an industry leading standard and are guaranteed.

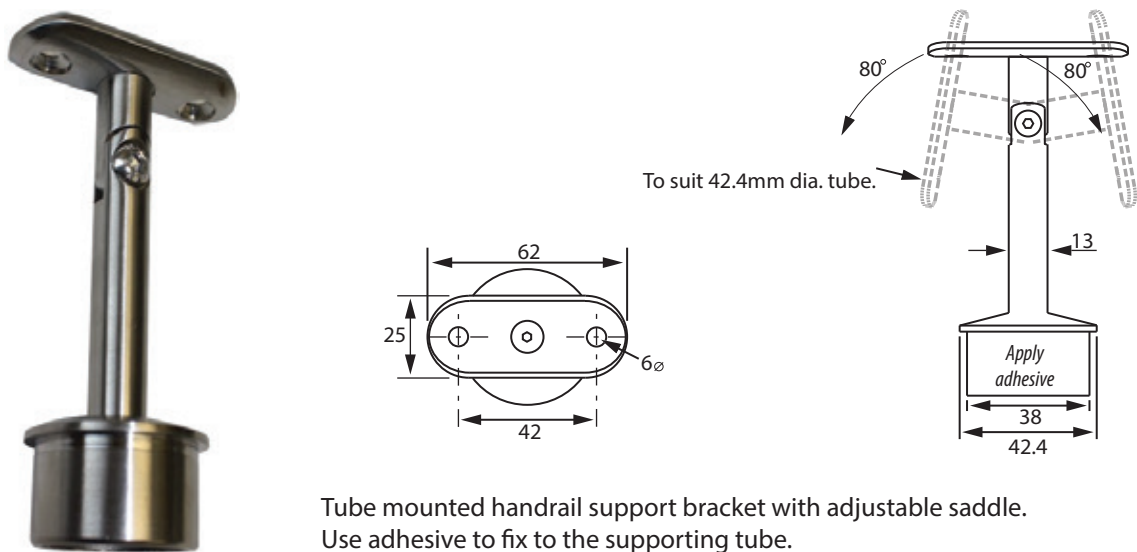


**Inox-503-42.4-SF (To suit 42.4mm x 2mm tube)**



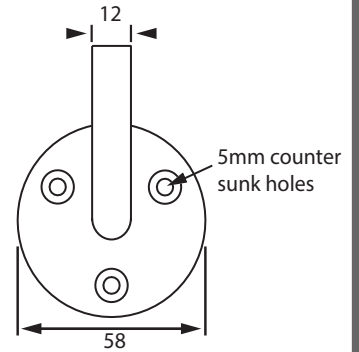
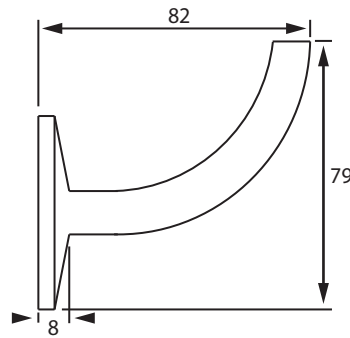
Adjustable handrail support bracket. Fixed from behind the supporting structure. 1 x M8 x 15mm bolt is supplied for this purpose. The maximum material thickness using this standard bolt is 8mm. (The user must supply longer bolts if required)

**Inox-506-42.4-SF (To suit 42.4mm x 2mm tube)**



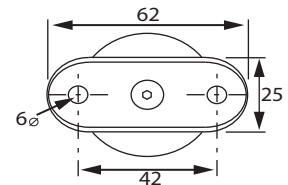
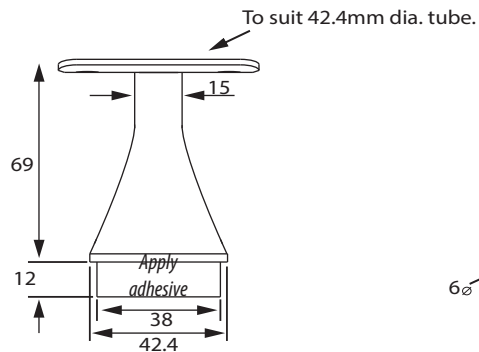
Tube mounted handrail support bracket with adjustable saddle. Use adhesive to fix to the supporting tube.

**Inox-509-42.4-SF (To suit 42.4mm x 2mm tube)**



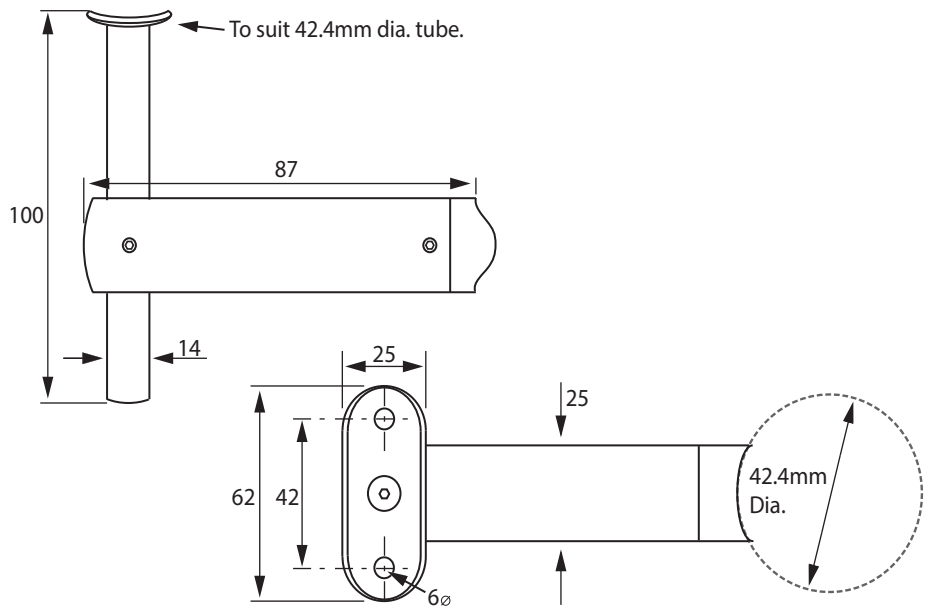
Wall mounted handrail support bracket.  
Ready for welding to handrail tube.

**Inox-512-42.4-SF (To suit 42.4mm x 2mm tube)**



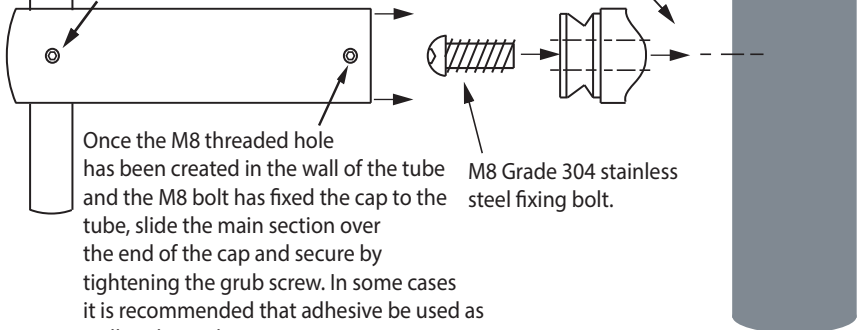
Tube mounted handrail support bracket with saddle.  
Use adhesive to fix to the supporting tube.

**Inox-515-42.4-SF (To suit 42.4mm x 2mm tube)**



Saddle height can be adjusted by loosening grub screw and lowering or raising the support stem. Adjustment range is 85mm. Minimum recommended project for bottom of stem is 10mm.

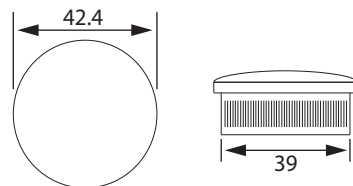
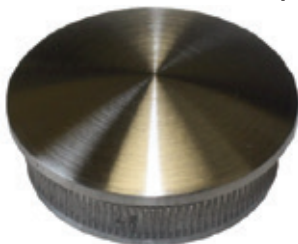
An M8 threaded hole must be created in the wall of the tube in order to accept the M8 bolt to make a fixing point.



Once the M8 threaded hole has been created in the wall of the tube and the M8 bolt has fixed the cap to the tube, slide the main section over the end of the cap and secure by tightening the grub screw. In some cases it is recommended that adhesive be used as well as the grub screw. Use Loctite AA 326 Adhesive along with Loctite 7649 activator. Also consider using Loctite SF 7200 Cleaner in order to remove visible excess adhesive after bonding.

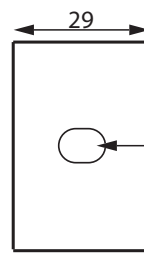
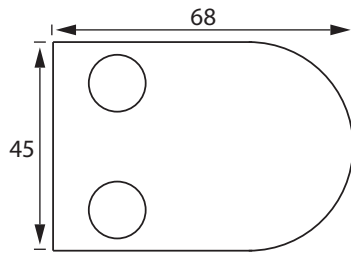
Handrail support bracket with adjustable support.  
Drill supporting tube and thread hole to accept M8 bolt (Supplied)

**Inox-518-42.4-SF (To suit 42.4mm x 2mm tube)**



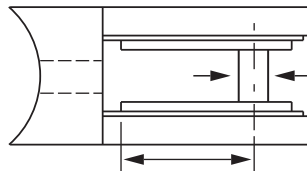
Tube plug. Use soft hammer to fix into end of tube, apply adhesive if necessary.

**Inox-521-42.4-SF-For connections to suit 42.4mm dia. tube**



9mm clearance hole

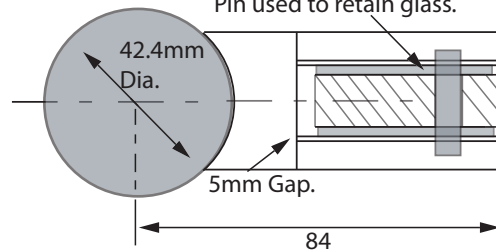
An M8 threaded hole must be created in the wall of the tube in order to accept a M8 bolt, creating a fixing point.



6mm Diameter pin with 8mm diameter plastic sleeve.



Recommended drilling distance from edge of glass is 28mm (Approx). Recommended drill size is approx. 9.5mm Dia. Pin used to retain glass.

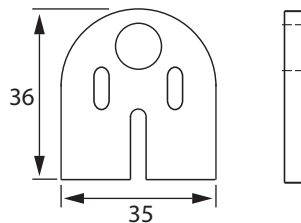


\*Rubber gasket (to suit 8mm, 10mm or 12mm thick glass).

\*Glass (8mm, 10mm or 12mm thick).

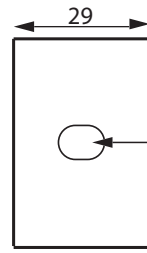
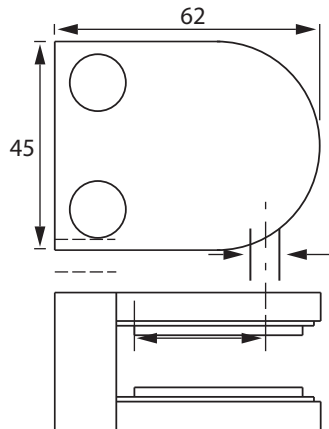
- Inox-900 - For 8mm Glass**
- Inox-902 - For 10mm Glass**
- Inox-904 - For 12mm Glass**

**Rubber gasket details.**



Glass clamp with rubber gaskets and retaining safety pin. The body of the clamp is mechanically fixed to the supporting structure. Suitable for clamping, 8, 10 & 12mm thick glass (specify when ordering).

**Inox-523-42.4-SF (For flat surface fixing)**



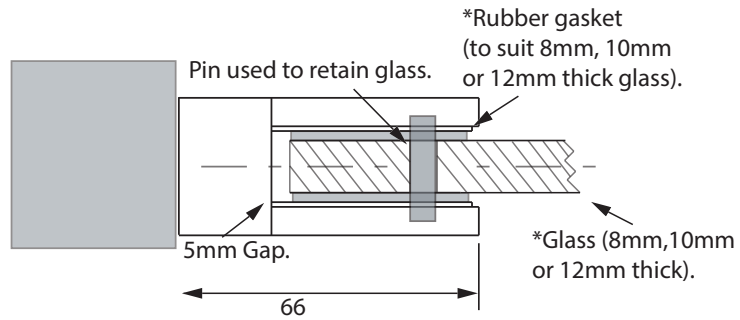
9mm clearance hole

An M8 threaded hole must be created in the wall of the tube in order to accept a M8 bolt, creating a fixing point.

6mm Diameter pin with 8mm diameter plastic sleeve.



Recommended drilling distance from edge of glass is 28mm (Approx). Recommended drill size is approx. 9.5mm Dia.



\*Rubber gasket (to suit 8mm, 10mm or 12mm thick glass).

Pin used to retain glass.

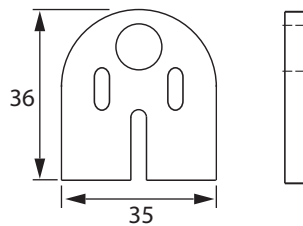
5mm Gap.

\*Glass (8mm, 10mm or 12mm thick).

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- Inox-900 - For 8mm Glass**
- Inox-902 - For 10mm Glass**
- Inox-904 - For 12mm Glass**

**Rubber gasket details.**

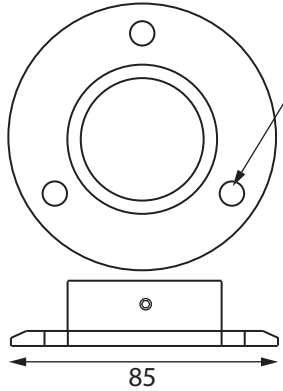


Glass clamp with rubber gaskets and retaining safety pin.  
The body of the clamp is mechanically fixed to the supporting structure.  
Suitable for clamping, 8, 10 & 12mm thick glass (specify when ordering).

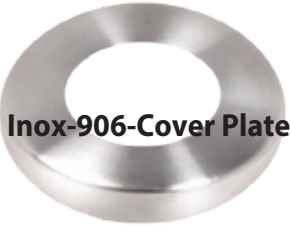
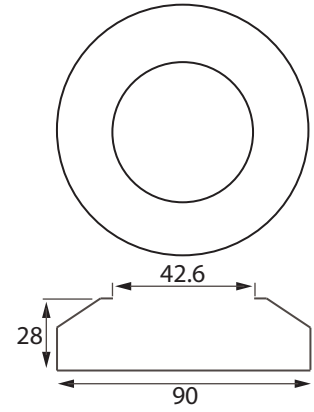
**Inox-525-42.4-SF (To suit 42.4mm x 2mm tube)**



**Base plate details**



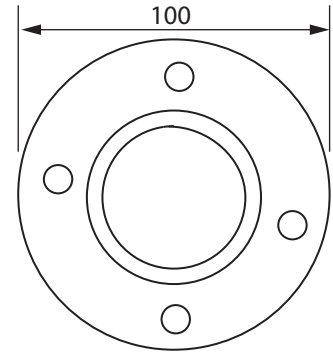
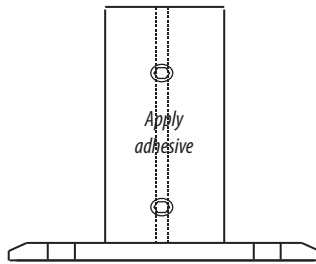
**Cover plate details**



**Inox-906-Cover Plate**

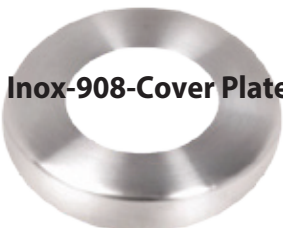
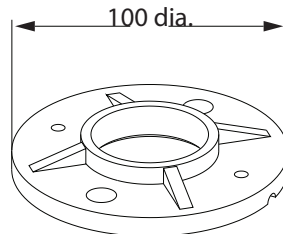
Post base clamp with optional cover plate. (Order separate)

**Inox-527-42.4-SF (To suit 42.4mm x 2mm tube)**



Post base clamp. The upright tube requires 2 holes to be drilled to align with the existing threaded screw holes in the clamp. Remove screws, slide the tube over the spigot. Insert screws through aligned holes and tighten. As the screws contact the slot they expand the spigot inside. Apply adhesive for added security.

**Inox-529-42.4-SF-100mm (To suit 42.4mm x 2mm tube)**

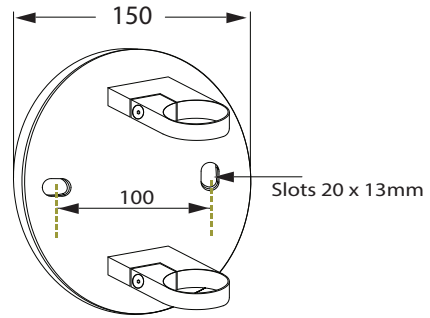


**Inox-908-Cover Plate**

Post base clamp. The upright tube is welded to the underside of this bracket. Optional cover plate available (order separately).

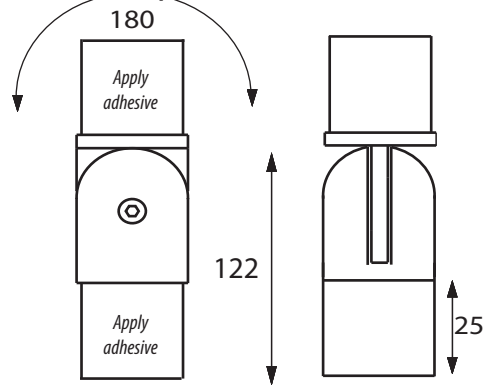


**Inox-532-42.4-SF (To suit 42.4mm x 2mm tube)**



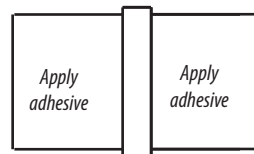
Side mounted structural post support bracket.

**Inox-535-42.4-SF (To suit 42.4mm x 2mm tube)**



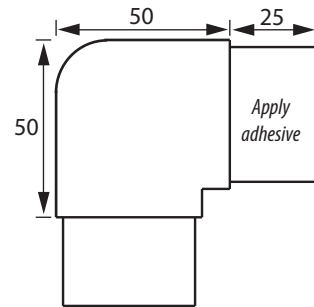
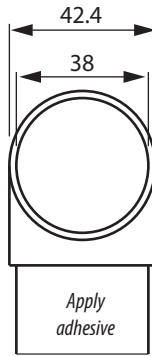
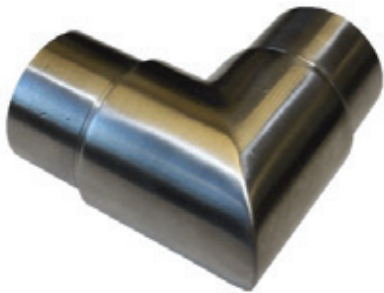
In line handrail swivel connector. Use adhesive to fix to handrails.

**Inox-538-42.4-SF (To suit 42.4mm x 2mm tube)**



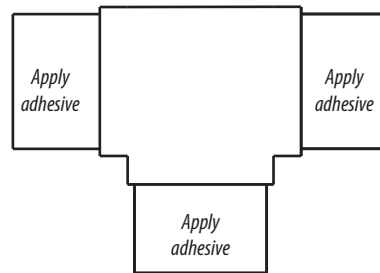
In line handrail connector. Use adhesive to fix to hand rails.

**Inox-541-42.4-SF (To suit 42.4mm x 2mm tube)**



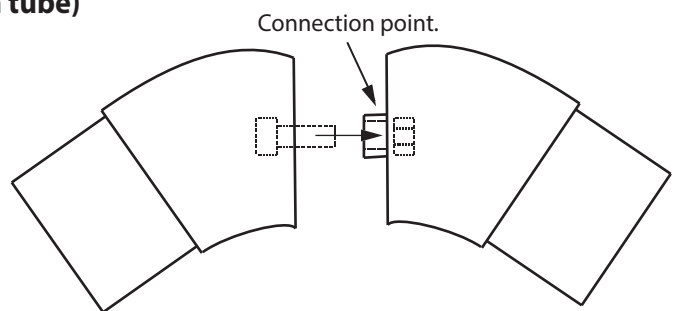
90 Degree handrail connector. Use adhesive to fix to handrails.

**Inox-544-42.4-SF (To suit 42.4mm x 2mm tube)**



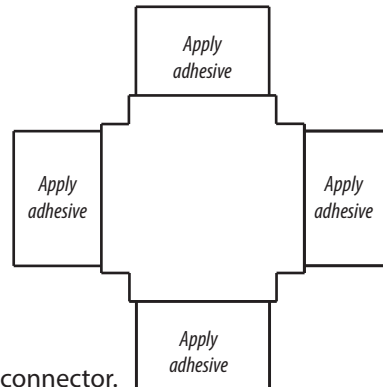
"T" handrail connector. Use adhesive to fix to handrails.

**Inox-547-42.4-SF (To suit 42.4mm x 2mm tube)**



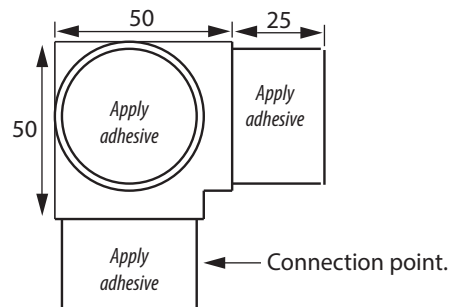
In line handrail connector. Comprises of two parts. Twist to offset required. A bolt is used to secure the two parts through the connection point. Bolt can simply be loosened when a different offset is required and re-tightened.

**Inox-550-42.4-SF (To suit 42.4mm x 2mm tube)**



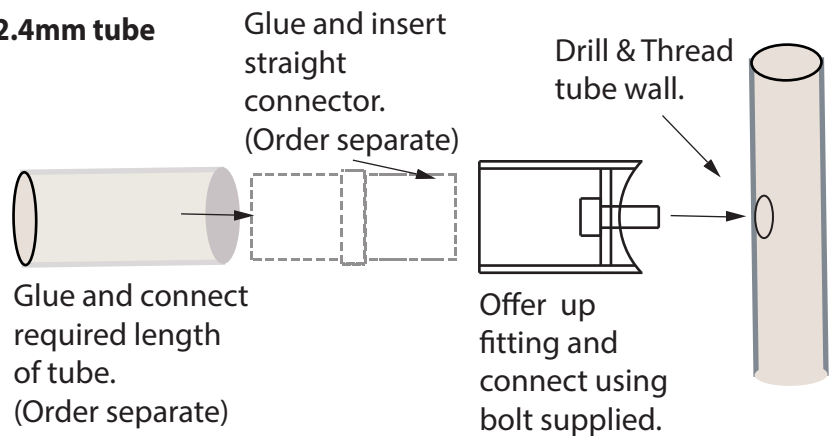
Four Way handrail connector.  
Use adhesive to fix to tubes.

**Inox-553-42.4-SF (To suit 42.4mm x 2mm tube)**



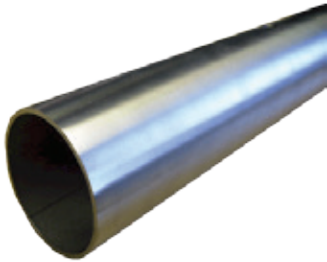
Three Way handrail connector.  
Use adhesive to fix to the tube.

**Inox-555-42.4-SF -To suit 42.4mm tube**



### Inox-800-42.4-SF

Stainless steel tube.



Satin finish.

Stainless steel grade 304 - 42.4 mm Diameter and 2mm wall thickness.

Supplied in 6 mtr lengths

### Adhesive

Lockinex do not supply adhesive for joining stainless steel handrail systems.

However, it is recommended that the following products be used to join components together: Loctite SF 7200 cleaner (clean stainless steel prior to applying activator and adhesive), Loctite 7649 activator (applied prior to adhesive), Loctite AA 326 adhesive.

All relevant instructions can be found on the Loctite product packaging.

1



Straight tube connector shown for demonstration purposes.

2



Apply adhesive to leading edge of fitting. Insert fitting. Rotate half turn once left, once right.

3



Connector inserted into one tube end.

4



Apply adhesive to leading edge of fitting. Insert fitting. Rotate half turn once left, once right.

5



View of completed joint.