

Lindapter®

Technical Innovation in Steelwork Connections

For over 90 years Lindapter has earned a respected reputation as the pioneer in the design and manufacture of steelwork clamping systems, growing from a modest family business into a reputable global brand by providing a faster, cost-effective alternative to drilling or welding. Typical applications include connections for:

- > Structural Beams
- > Structural Hollow Section
- > Pipe Supports
- > Lifting Points
- > Façades and Cladding
- > Steel Flooring

Visit www.Lindapter.com for more information.



Key Benefits



Save time and money
Lindapter clamps connect faster than drilling, welding or bolting.



High strength
Manufactured from materials that resist high loads and harsh environments.



Adjustable
Quickly align by sliding into position before tightening with hand tools.



Safer connections
No on-site drilling or welding means no hot work permits and safer site conditions.



Free connection design
Lindapter's experienced Engineers design bespoke connections free of charge.

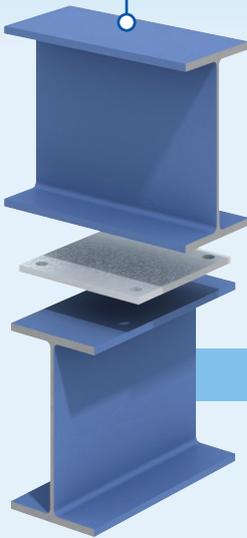
Girder Clamps

Lindapter clamping systems provide a fast, cost-effective alternative to on-site drilling or welding by helping to reduce installation time and labour costs. High strength, permanent (or temporary) connections are achieved by simply clamping two steel sections together.

Quick and easy to install (watch the installation at www.Lindapter.com)

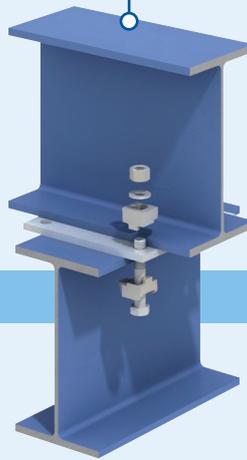
Step 1

Bring the location plate and the lower beam into position below the upper beam.



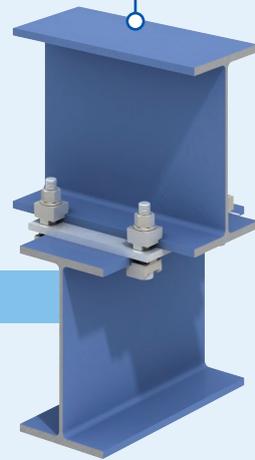
Step 2

Fit the bolts with two Lindapter clamps, any packings required, a nut and a washer.



Step 3

Using a torque wrench, simply tighten each bolt to the recommended torque.

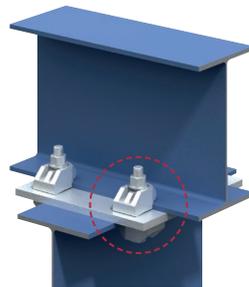


Typical Configurations

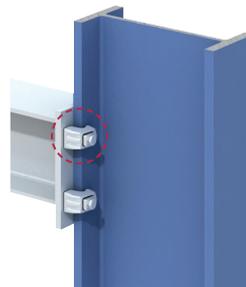
Girder Clamps are highly versatile products that can be used with virtually any shape or size of steel section.

Depending on the application, the clamp is configured to suit the required loading condition, for example tensile, slip resistance or combined loads.

Lindapter can design and manufacture entire assemblies for specific applications.



Tensile Loading



Slip Resistance



Combined Loads



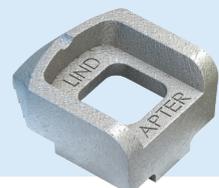
Case Study: Tower Bridge, UK

Product: Type A

Application: Securing a new glass walkway steel frame to the original steel lattice.

Lindapter's simple connection solution allowed the frame to be safely secured to the original steel lattice without on-site drilling or welding, ensuring there was no damage or closure to the bridge.

Using simple hand tools, the contractors completed the installation inside six weeks.



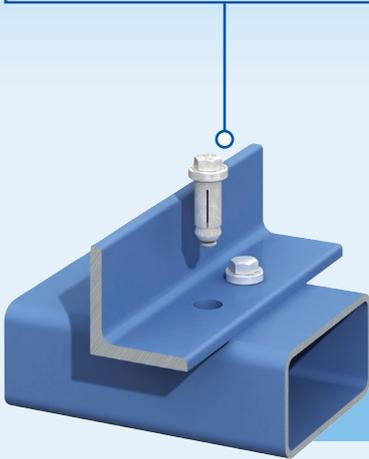
Hollo-Bolt®

The original expansion bolt for structural steel quickly connects steel sections to pre-drilled Structural Hollow Section (SHS), requiring access from one side only. Hollo-Bolts provide a faster alternative to welding or through-bolting, reducing construction time and labour costs.

Quick and easy to install (watch the installation at www.Lindapter.com)

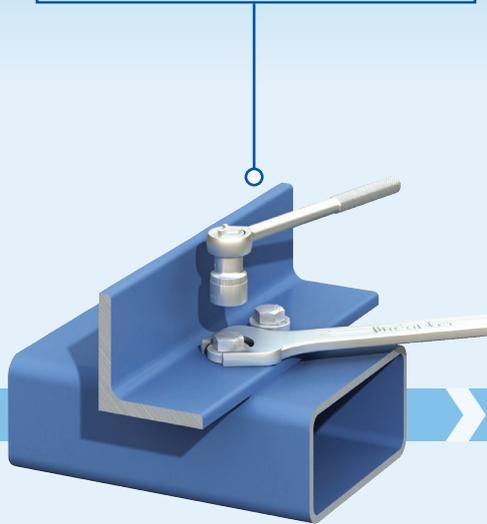
Step 1

Align the pre-drilled fixture and insert the Hollo-Bolt.



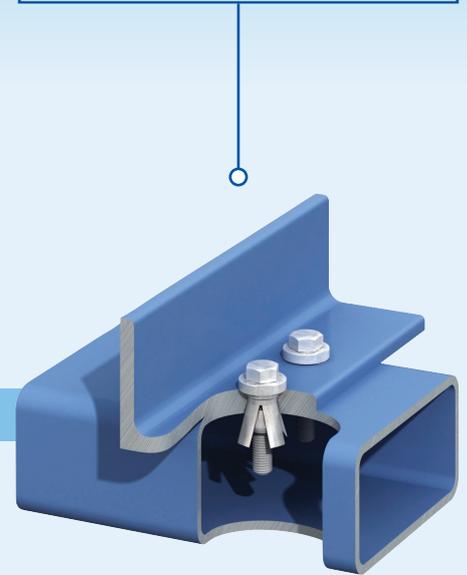
Step 2

Grip the Hollo-Bolt collar with an open ended spanner.



Step 3

Using a torque wrench, simply tighten the central bolt to the recommended torque.

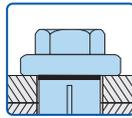


Head Variants

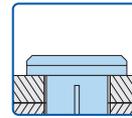
The **Hexagonal Head** shows the bolt head above the steel section's surface.

The **Countersunk (Bolt) Head** includes a special collar that accommodates the entire head so that drilling countersunk holes is not necessary.

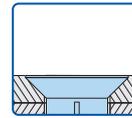
The innovative **Flush Fit Hollo-Bolt** is entirely concealed within the countersunk hole once installed, the perfect solution for architects!



Hexagonal



Countersunk



Flush Fit



Case Study: History Museum, Germany

Product: Hollo-Bolt Stainless Steel

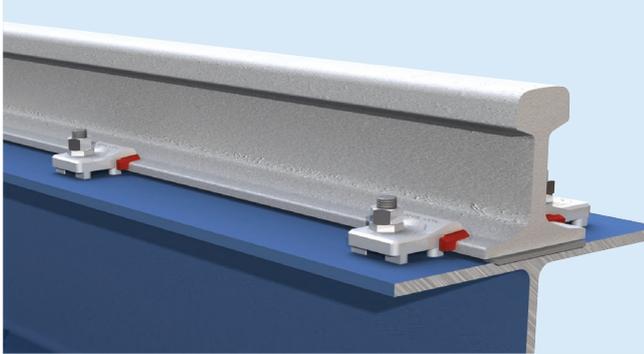
Application: Securing steel façade panels to the structural steel hollow section.

Contractors used over two thousand M8 stainless steel Hollo-Bolts to quickly install the panels from just one side, allowing the arrow shaped extension to intersect the original neo-classic arsenal building without needing to drill or weld on-site.



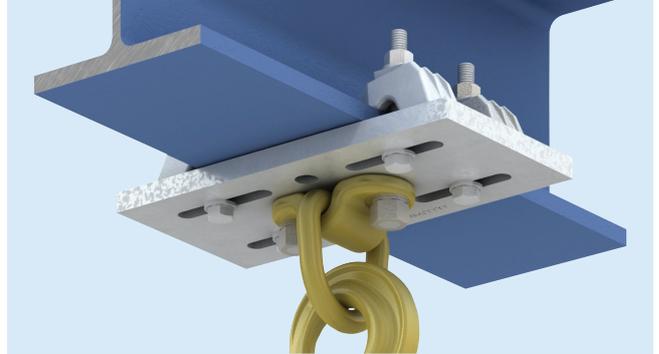
Other Lindapter products

Since 1934, Lindapter has continuously developed its product range to include connection solutions for almost any steel-to-steel application. In addition to its flagship Hollo-Bolt and Girder Clamps, Lindapter specialises in other product groups which are detailed below:



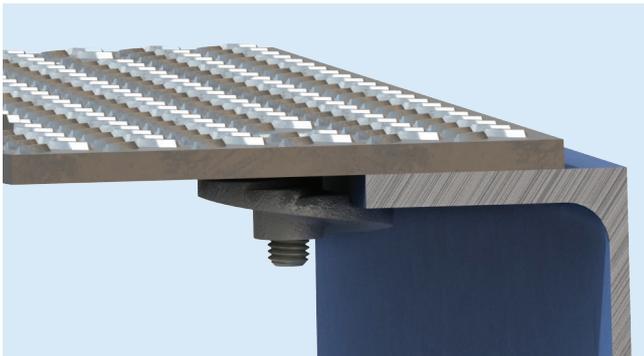
Rail Fixings

Ideal for securing rails or crane lines in low speed environments such as train maintenance depots and dam or dockside cranes.



Lifting Points

Supports the lifting and rigging of equipment whether it's suspending overhead audio-visual kit or lifting drilling risers onto offshore rigs.



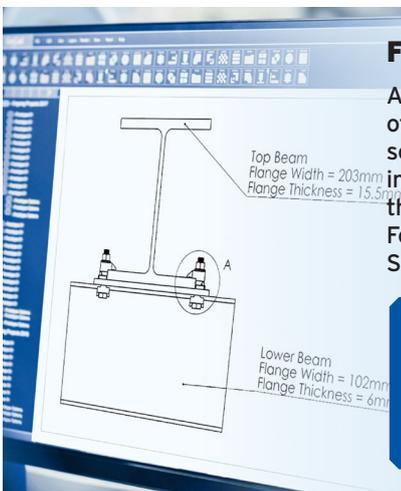
Floor Fixings

A range of heavy duty fixings to secure steel plate or grating to steelwork that only require simple hand tools for installation.



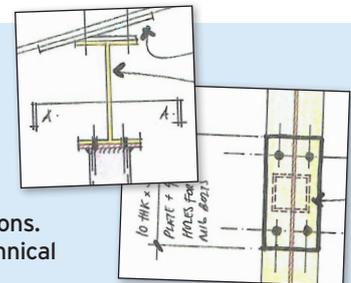
Support Fixings

This range of clamps are used to suspend building services including electrical equipment or pipework from structural or secondary beams.



Free Connection Detailing available

As part of Lindapter's extensive service, a team of experienced Engineers can advise a suitable solution for you free of charge, providing drawings in 2D or interactive 3D formats as well as CAD files that can be imported into all major software applications. For more information, please contact Lindapter's Technical Support team.



Free design proposal



2D / 3D drawings



Global distribution



Installation guidance