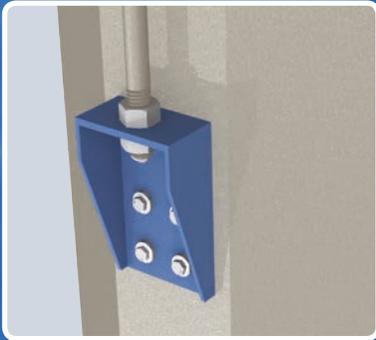


Steel-to-steel connections for

TOWERS & MONOPOLES

by **lindapter**[®]

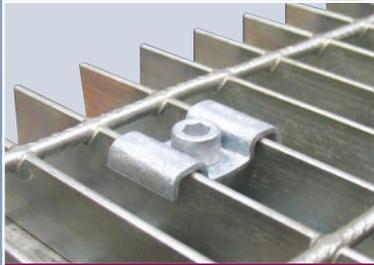


www.LindapterUSA.com



Why Lindapter?

Since 1934, Lindapter has pioneered the design and manufacture of steel-to-steel connections which eliminate field drilling and welding. Lindapter products are often specified on major construction projects including those in the telecommunication industry. Here are just a few examples of Lindapter's proven, structurally rated products that save time and money:



BAR GRATING

Vibration and shock resistant clamps for securing open bar grating to supporting steel without drilling or welding.



ANTENNAS

Communication modules can be quickly installed and easily removed for maintenance or replacement.



LADDERS

Hollo-Bolts have high shear and tensile working loads for safe and easy installations of ladders.



CABLING

A range of products for connecting cable systems and accessories to monopoles and lattice towers.



STRENGTHENING

ICC-ES approved solutions for quickly reinforcing towers with strengthening rods or steel frames.



ACCESSORIES

Solutions for retrofitting towers with items ranging from heavy modular equipment to lightweight signs.



Key Lindapter product benefits



Safe & Simple



Innovative & Economical



Tested & Proven



Strong & Durable



Fast & Efficient

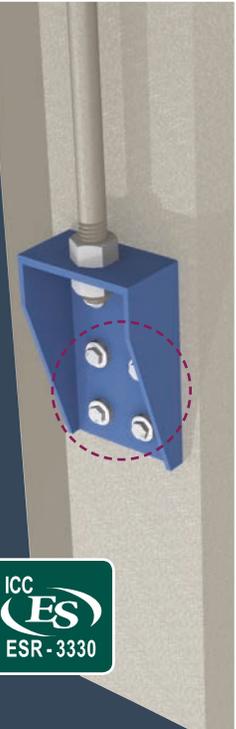
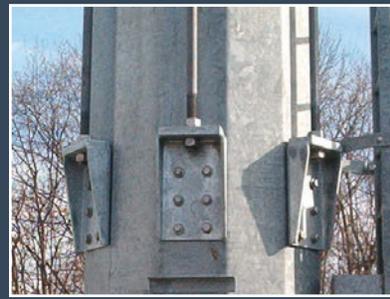
STRENGTHENING



Lindapter Hollo-Bolts are used to quickly attach strengthening rods to steel monopoles.

Structural reinforcement allows tower owners and operators to increase the number of antennas on each tower and is significantly more cost effective than erecting a new tower. Lindapter's connection systems are used around the world to quickly reinforce monopoles without welding, enabling existing towers to support additional loading beyond their original specification.

The ICC-ES approved Hollo-Bolt is an expansion bolt that allows steel brackets holding high tensile strengthening rods to be secured to monopoles without welding or accessing the structure's interior.

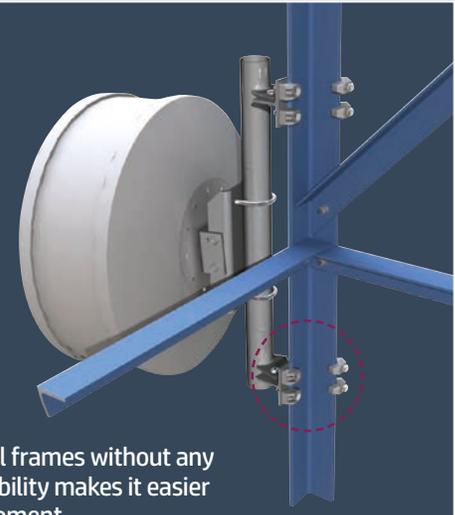


ACCESSORIES

Lindapter adjustable Girder Clamps are used to attach equipment and accessories to lattice structures.

Communication equipment such as antennas and dishes are attached to both monopoles and lattice towers using Lindapter's connection systems due to the ease and speed of installation. New equipment can be clamped on to existing supporting steel frames without any welding or drilling. The clamp's adjustability makes it easier for installers to align and position equipment.

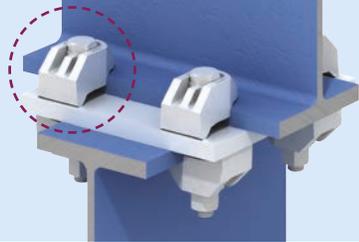
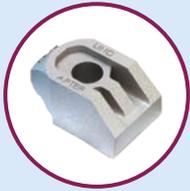
Despite being a permanent connection, the clamps can be removed to allow the equipment to be conveniently replaced with more advanced technology in the future.





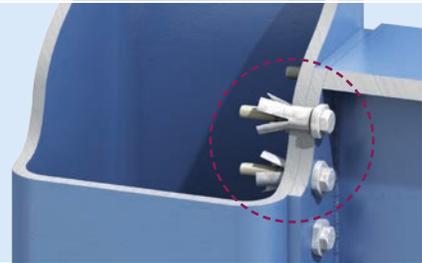
Lindapter Product Range

Since 1934, Lindapter has continuously expanded its product range to include connection systems for almost any steel-to-steel application. Today, Lindapter is recognized worldwide for its innovative designs and unique solutions to even the most demanding steel connections.



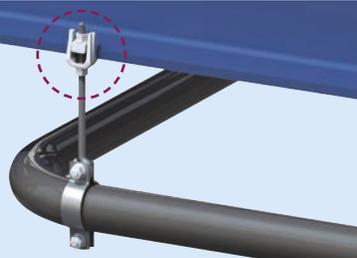
GIRDER CLAMPS

Clamping systems used to connect steel sections together without the need to field drill or weld, and without damaging the steel members.



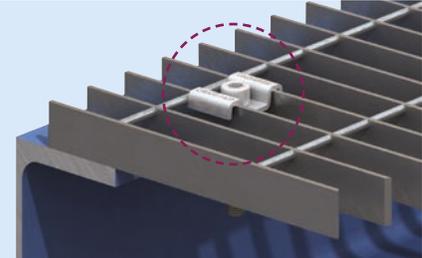
HOLLO-BOLTS

ICC-ES approved expansion bolts used to connect steel sections to Hollow Structural Section (HSS) or for any other bolt installation where it is difficult to apply the nut.



PIPE / CONDUIT SUPPORTS

A variety of adjustable connections used to suspend building services such as electrical equipment or pipework from structural or secondary beams.

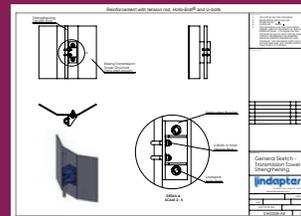


STEEL FLOOR CONNECTIONS

Heavy duty and removable fasteners used to secure solid metal plate or bar grating to supporting steelwork using only simple hand tools from above.

FREE CONNECTION DETAILING

Lindapter's team of experienced Engineers can design a custom solution **free of charge**, providing drawings and 2D or 3D CAD files that can be imported into most major software systems. For more information contact the Technical Support team at support@LindapterUSA.com



Free design service



2D / 3D drawings



Quotation



Global distribution



Installation guidance

Request a copy of the Lindapter product catalog for full design information:
Call **866 566-2658 (BOLT)**, email inquiries@LindapterUSA.com or visit www.LindapterUSA.com

