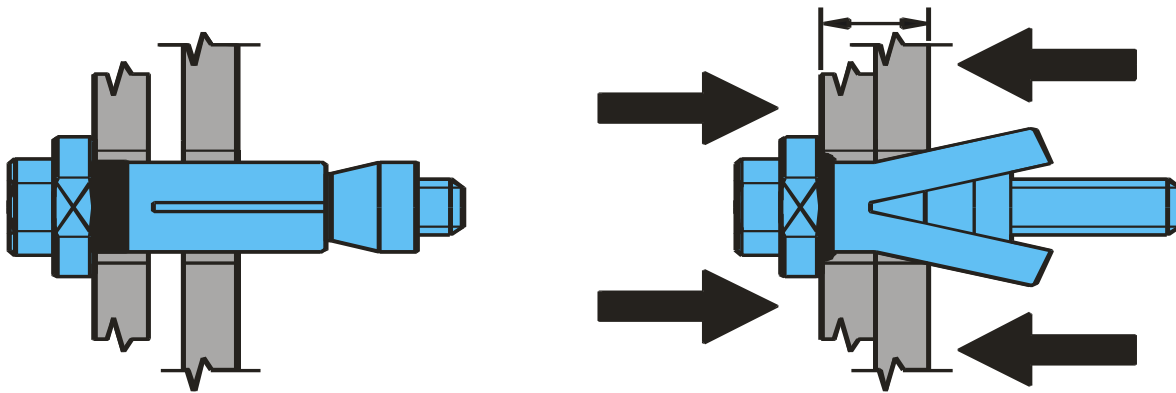


Type HB - Hollo-Bolt® for Blind Connection to Structural Steel and Structural Tube

The Type HB Hollo-Bolt is a product used for connecting to square, rectangular or circular structural tube or to conventional steel where access is available from one side only. The Hollo-Bolt offers a reduction in installation time and costs associated with traditional connection methods such as welding, drilling and tapping holes or unsightly strapping. The Hollo-Bolt gives the engineer who specifies and the end user confidence and peace of mind with guaranteed safe working loads at a 5:1 factor of safety. For aggressive environments the Hollo-Bolt has a HDG corrosion protection finish, alternatively the product is available in stainless steel.

Used with either shop or site drilled holes the Hollo-Bolt enable connections to be quickly, securely and easily made. Problems associated with aligning holes are eliminated as these products are inserted after alignment. Should the steel need to be adjusted, the product can be removed and the hole reused with a new Hollo-Bolt. Installation time and costs are reduced with Hollo-bolt because they are easy to install without the need of particular skills and special equipment. The only tools required to install the Hollo-bolt are two wrenches, one to grip the collar section of the product and the other to tighten the bolt head.

The patented five part 5/8" (M16) and 3/4" (M20) sizes feature a collapse mechanism to maximize clamping force and enable use in primary moment connections.



Typical Hollo-Bolt applications include the connection or suspension of:

- Primary Steel
- Mono-Pole Reinforcement
- Secondary steel
- Material Handling Equipment
- Header Steel to HSS Vertical Columns
- Lifting Equipment
- Tube to Tube Splicing
- Wall Ties
- Cladding
- Curtain and Blast Walling
- Electrical Equipment
- Awning & Canopy Additions
- HVAC Equipment
- Fall Protection Attachments
- Fire Protection Systems
- Security Anti-theft Connections
- Bracing Connections

Hollo-Bolts have been affectionately called the Steel “expansion anchor” or Steel “molly bolts” for use in Steel Connections. This Unique Product has been test under ICBO seismic criteria AC 145 and is listed in the AISC Steel Construction Manual 13th Edition. Other Worldwide approvals include The German Institute for Bautechnik, Loyds Register, TUV and Det Norske Veritas, to name a few.

Hollo-Bolt

