

LINDAPTER

Type HB - Holo-Bolt®

Steel, bright zinc plated plus JS 600
 Steel, sheraplex
 Steel, hot dip galvanized
 Stainless Steel Grade 316



Suitable for hollow sections, tubes and where access is available from one side only. The Holo-Bolt is continuously developed to meet the requirements of Structural Engineers, with recent performance improvements including the patented High Clamping Force (HCF) version, see page 40. The Holo-Bolt is protected by multiple international patents and registered designs.



Lindapter Holo-Bolt Head Variations



Hexagonal

Visible protrusion: Regular

The Holo-Bolt collar and hexagonal head of the Grade 8.8 bolt (Grd. 5 / A325 equivalent) are evident above the surface of the steel section. This head variant is the usual choice for the majority of HSS connections, or where architects favor an "industrial" look.



Countersunk (Bolt Head)

Visible protrusion: Minimal

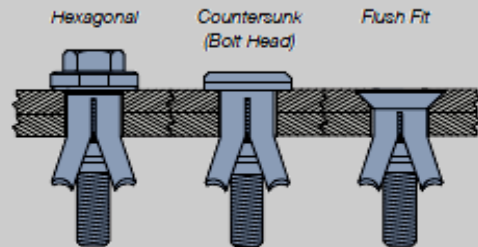
This discreet midway option has a smaller protrusion for the perfect balance of appearance and convenience, and features a Grade 10.9 (A490 equivalent) countersunk bolt with a special collar designed to accommodate the entire bolt head. Drilling countersunk holes in the steel section is not required.



Flush Fit

Visible protrusion: Zero

The innovative Flush Fit Holo-Bolt is entirely concealed within a drilled countersunk hole once installed, leaving no protrusion above the surface of the steel section - the perfect solution for architects!



Also available: Engineered Solutions

Visible protrusion: Customized

For the rare connection requirement that an off-the-shelf Holo-Bolt cannot fulfil, Lindapter's Research & Development Facility has the capability to design and manufacture custom connection solutions. The example to the left shows a Security / Button Head. Please contact Lindapter to discuss your requirement.

Availability of Head Variations

	M8 (5/16")	M10 (3/8")	M12 (1/2")	High Clamping Force (HCF)		Bright Zinc Plated & JS600	Stainless Steel (Grade 316)	Sheraplex	Hot Dip Galvanized
				M16 (5/8")	M20 (3/4")				
Hex Head	✓	✓	✓	✓	✓	✓	✓	✓	✓
Countersunk	✓	✓	✓	✓	✓	✓	✓	✓	✓
Flush Fit	✓	✓	✓			✓	✓	✓	



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