PRODUCT DATA

BOLTLINK NZ

HOLLOW BOLT – HBS BOLT®

Description

The HBS-Bolt® is suitable for various steel connections due to its high shear capacity and large grip range. This enables installation where there is limited access as well as one-sided installation for fixing steel to hollow sections.

Applications

- Fixing steel to hollow steel sections
- Use with square, rectangle and circular hollow sections
- High shear and tensile capacities
- Large grip range
- One-sided installation with flush fit head
- Steel framework, including gantries, bridges, stadiums, and transmission towers

Material

8.8

Class 8.8

Coating

HDG

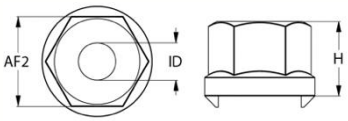
Hot Dip Galvanised

HBS-BOLT® Flush

3-part Assembly

- M8
- M10
- M12

Flush Fit Sleeve Setting nut needed for installation. 1x install tool included in each carton.



Flush Fit Sleeve Setting Nut

Part	Nom Size	Spnr Size	Hght	Inner Dia
		AF2 (mm)	H (mm)	ID (mm)
KBB88GUNM08	M8	19	20	8
KBB88GUNM10	M10	24		10
KBB88GUNM12	M12	30		12

HBS-Bolt® for Blind and Hollow Steel Connections

3-part Assembly

- M8
- M10
- M12

5-part Assembly

- M16

Hexagon collar for use with open end or ring spanner.

Mechanical Properties

Part Prefix.	Nominal Size	Characteristic Load[a]		Working Load	
		Tensile	Shear	Tensile	Shear
		kN	kN	kN	kN
KBB88GKM08	M8	24.3	26.1	6	7
KBB88GKM10	M10	44.8	45.6	10	12
KBB88GKM12	M12	51.6	58.3	13	15
KBB88GKM16	M16	89.1	105.3	23	28

HBS-Bolt® CSK for Blind and Hollow Steel Connections

3-part Assembly

- M8
- M10
- M12

5-part Assembly

- M16

Collar with across flats for use with open end spanner.

Mechanical Properties

Part Prefix.	Nominal Size	Characteristic Load[a]		Working Load	
		Tensile	Shear	Tensile	Shear
		kN	kN	kN	kN
KBB88GKM08	M8	24.3	26.1	6	7
KBB88GKM10	M10	44.8	45.6	10	12
KBB88GKM12	M12	51.6	58.3	13	15
KBB88GKM16	M16	89.1	105.3	23	28

[a]Characteristic loads are used to calculate design resistance and only apply to the HBS-Bolt® assembly. They should not be used as working loads. The design resistance of the connection may be lower due to material properties of other parts of the connection.