

Lindapter® LRFD Load Data (Metric)

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The Load and Resistance factor (LRFD) design strengths figures are taken from the ICC-ES Evaluation Report ESR-3330 for Holo-Bolt (Table 2) and ESR-3976 for Girder Clamps (Table 3 and 4) and have been converted from **lbs** to **kN** (conversion 1 lb = 0.0044 kN). The LRFD Design Strengths have been calculated in accordance with the ICC-ES Acceptance Criteria AC437 and AC469.



LRFD Design Strength Data Holo-Bolt

Meets the requirements of AISC 360, AISC 341 and AISI S-100. Approved for static, wind and seismic loading (A to F). The carbon steel Hexagonal Head Holo-Bolt is in hot dip galvanised finish. The LRFD figures are suitable for use when designing to the AISC Steel Construction Manual, AS 4100 and NZS 3404.



Material (Hexagonal Head): Carbon steel, hot dip galvanised finish only

Product Code	Bolt Ø	Static & Wind Loads		Seismic Loads	
		LRFD Design Strength			
		Tension kN	Shear kN	Tension kN	Shear kN
HB08-1HDG	M8	16.8	14.3	14.7	11.9
HB08-2HDG	M8	16.8	14.3	14.7	11.9
HB08-3HDG	M8	16.8	14.3	14.7	11.9
HB10-1HDG	M10	27.4	24.4	24.4	20.3
HB10-2HDG	M10	27.4	24.4	24.4	20.3
HB10-3HDG	M10	27.4	24.4	24.4	20.3
HB12-1HDG	M12	38.0	33.3	33.2	27.8
HB12-2HDG	M12	38.0	33.3	33.2	27.8
HB12-3HDG	M12	38.0	33.3	33.2	27.8
HB16-1 HDG	M16	61.9	51.8	59.3	43.5
HB16-2 HDG	M16	61.9	51.8	59.3	43.5
HB16-3 HDG	M16	61.9	51.8	59.3	43.5
HB20-1HDG	M20	88.9	81.8	86.1	68.2
HB20-2HDG	M20	88.9	81.8	86.1	68.2
HB20-3HDG	M20	88.9	81.8	86.1	68.2



Superior Corrosion Resistance

The durability of the Lindapter Holo-Bolt is achieved by coating or by use of stainless steel and is categorised by Corrosivity Class in accordance with ISO 9223. Holo-Bolts are also available with a special Sheraplex finish* (currently not included in ICC-ES ESR-3330) that are suitable for High and Very High Corrosion Categories C4 and C5. The length of corrosion protection provided by the Sheraplex coating depends on the exact application and environment, please contact Lindapter technical support or your local Leviat representative for more information.

* Sheraplex finish: Sheradized to BS 4921: 1988 Class 1 plus passivation and two coats of Delta Seal Silver.



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For more information contact Leviat, your local Authorised Lindapter Distributor
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