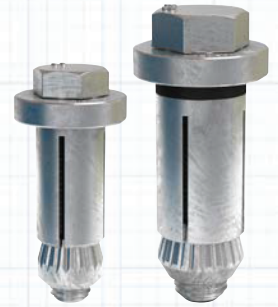


The Load and Resistance factor (LRFD) design strengths figures are taken from the ICC-ES Evaluation Report ESR-3330 for Holo-Bolt (Table 2) and ESR-3976 for Girder Clamps (Table 3 and 4) and have been converted from **lbs** to **kN** (conversion 1 lb = 0.0044 kN). The LRFD Design Strengths have been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



LRFD Design Strength Data Holo-Bolt Hexagonal Head

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.



Data for Carbon Steel, Zinc + JS500, HDG & Sheraplex

Product Code	Bolt Ø	Static & Wind Loads		Seismic Loads	
		LRFD Design Strength			
		Tension kN	Shear kN	Tension kN	Shear kN
HB08	M8	16.8	14.3	14.7	11.9
HB10	M10	27.4	24.4	24.4	20.3
HB12	M12	38.0	33.3	33.2	27.8
HB16	M16	61.8	51.6	59.2	43.5
HB20	M20	89.0	81.8	86.3	68.1

Note:
LRFD method
is similar to
the LSD (Limit
State Design)
method

Data for Stainless Steel

Product Code	Bolt Ø	Static & Wind Loads		Seismic Loads	
		LRFD Design Strength			
		Tension kN	Shear kN	Tension kN	Shear kN
HBST08	M8	26.6	28.6	21.3	21.2
HBST10	M10	43.3	48.6	36.1	41.0
HBST12	M12	54.2	59.8	45.6	54.5
HBST16	M16	67.9	77.1	58.4	67.6
HBST20	M20	102.5	119.0	86.8	115.0

