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 Hollo-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.

ICC ES® ESR-3330

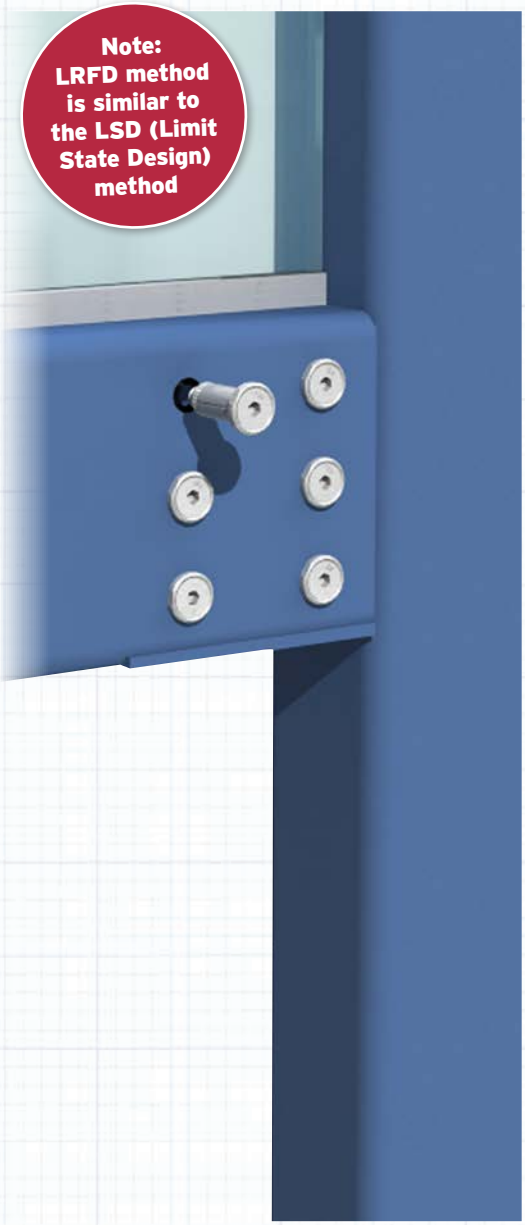
LRFD Design Strength Data
Hollo-Bolt Countersunk Head

Meets the requirements of AISC 360, AISC 341 and AISI S-100. Approved for static, wind and seismic loading (A to F). 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, & Sheraplex

Product Code	Bolt Ø	Static & Wind Loads		Seismic Loads	
		LRFD Design Strength			
		Tension kN	Shear kN	Tension kN	Shear kN
HBCSK08	M8	16.8	14.3	14.7	11.9
HBCSK10	M10	27.4	24.4	24.4	20.3
HBCSK12	M12	38.0	33.3	33.2	27.8
HBCSK16	M16	61.8	51.6	59.2	43.5

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
HBSTCSK08	M8	26.6	28.6	21.3	21.2
HBSTCSK10	M10	43.3	48.6	36.1	41.0
HBSTCSK12	M12	54.2	59.8	45.6	54.5
HBSTCSK16	M16	67.9	77.1	58.4	67.6