

High Tensile Lockbolt 5/8" & 3/4"

The High Tensile LockBolt is a high strength alternative to Grade 5 bolts. Available in diameters ranging from 1/2' to 1-3/8", a variety of materials and head styles, the High Tensile LockBolt is ideal for applications where consistent, uniform clamp force and vibration resistance.

Material: Pin: Medium carbon steel to SAE 15B36

Collar: Low carbon steel to BS 3111 TypeO SAE 1008 DIN 1654 Qst 34-3

Finish: Pin: Black self-colour Collar: Zinc plated



Pin Diameter	Part Code	Hole mm	Grip Range (with full collar) mm	A mm	B mm	C mm	D mm
15.9 5/8"	C50LR-BR2004	16.1	6.4-12.7	15.9	30	11.3	36
	C50LR-BR2008	16.1	12.7-19.1	15.9	30	11.3	42
	C50LR-BR2012	16.1	19.1-25.4	15.9	30	11.3	48
	C50LR-BR2016	16.1	25.4-31.8	15.9	30	11.3	54
	C50LR-BR2020	16.1	31.8-38.1	15.9	30	11.3	61
	C50LR-BR2024	16.1	38.1-44.5	15.9	30	11.3	67
	C50LR-BR2028	16.1	44.5-50.8	15.9	30	11.3	74
C50LR-BR2032	16.1	50.8-57.2	15.9	30	11.3	80	
19.1 3/4"	C50LR-BR2404	19.3	6.4-12.7	19.1	35	13.5	39
	C50LR-BR2408	19.3	12.7-19.1	19.1	35	13.5	45
	C50LR-BR2412	19.3	19.1-25.4	19.1	35	13.5	51
	C50LR-BR2416	19.3	25.4-31.8	19.1	35	13.5	57
	C50LR-BR2420	19.3	31.8-38.1	19.1	35	13.5	64
	C50LR-BR2424	19.3	38.1-44.5	19.1	35	13.5	70
	C50LR-BR2428	19.3	44.5-50.8	19.1	35	13.5	77
	C50LR-BR2432	19.3	50.8-57.2	19.1	35	13.5	83
	C50LR-BR2436	19.3	57.2-63.5	19.1	35	13.5	90

Collar Diameter (nom)	Collar Type	Part Code	A (max) mm	B (max) mm	C (max) mm
15.9 5/8"	Standard	LC-2R20G	24.9	22	-
	Flanged	3LC-2R20G	24.9	24.4	32.5
19.1 3/4"	Standard	LC-2R24G	30	24.4	-
	Flanged	3LC-2R24G	30	28.6	38

PERFORMANCE GUIDE - There figures represent minimum fastener shear and tensile strength values with the use of a full collar.

Diameter	Shear KN	Tensile KN	Clamp KN
15.9 5/8"	100.1	120.5	85.4
19.1 3/4"	144.1	178.4	126.3

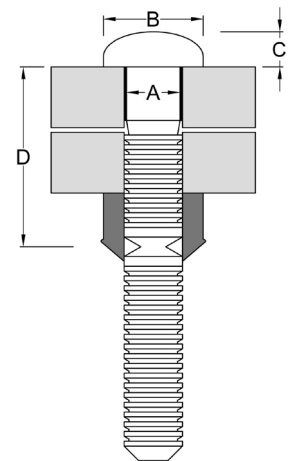
Pins with other grip ranges and head styles are available on request.

Detailed dimensions are available on request.

Dimensions and specifications are subject to change without notice. Check with your distributor for the latest data sheet.

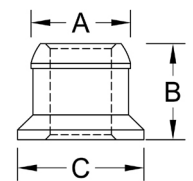
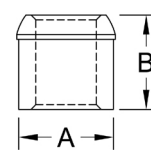
The test data provides approximate strength values averaged in multiple tests in various materials and thicknesses.

We recommend testing your application when an exact strength figure is required, or the load to be applied comes close to the published data.



Standard

Flanged



The strength of the joints will vary with the thickness and hardness of the metal sheet of the application.

These figures shown are minimum values in pounds of installed fastener.