

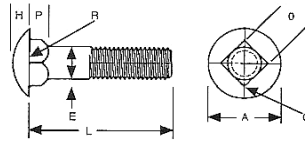
Carriage Bolts



CARRIAGE BOLTS ITEM NO. 08-xx

Hot Dipped Galvanized

Originally used in the assembly of carriages, these bolts are now primarily used in woodworking applications where a round head of minimum height is required. The formula for determining thread length is bolts 6" and shorter: two diameter plus 1/4". Bolts over 6": two diameters plus 1/2". If bolts are too short to apply the formula, the thread will be extended as close to head as possible.



Dimensions (in.) ANSI B18.5:

Nominal Size or Basic Bolt Diameter	Body Diameter (E)		Head Diameter (A)		Head Height (H)		Square Width (O)		Square Depth (P)		Corner Rad. (Q)	Fillet Radius (R)	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Max	
1/4	0.1900	0.199	0.182	0.469	0.438	0.114	0.094	0.199	0.185	0.125	0.094	0.031	0.031
5/16	0.2500	0.260	0.237	0.594	0.563	0.145	0.125	0.260	0.245	0.156	0.125	0.031	0.031
3/8	0.3125	0.324	0.298	0.719	0.688	0.176	0.156	0.324	0.307	0.187	0.156	0.031	0.031
7/16	0.3750	0.388	0.360	0.844	0.782	0.208	0.188	0.388	0.368	0.219	0.188	0.047	0.031
1/2	0.4375	0.452	0.421	0.869	0.907	0.239	0.219	0.452	0.431	0.250	0.219	0.047	0.031
5/8	0.5000	0.515	0.483	1.094	1.032	0.270	0.250	0.515	0.492	0.281	0.250	0.047	0.031
3/4	0.6250	0.642	0.605	1.344	1.219	0.344	0.313	0.642	0.616	0.344	0.313	0.078	0.062
7/8	0.7500	0.768	0.729	1.594	1.469	0.406	0.375	0.768	0.741	0.406	0.375	0.078	0.062

Sizes:

BOLT DIAMETER	BOLT LENGTHS	
	FROM	TO
1/4"	Call for sizes.	
5/16"	4 1/2"	12"
3/8"	1 1/2"	16"
7/16"	Call for sizes.	
1/2"	1 1/2"	18"
5/8"	3"	16"
3/4"	4 1/2"	16"

Many other sizes available. Other alloys available (ex. Stainless Steel, Silicon Brass). Please call for details.



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Specifications subject to change without notice. Not responsible for rust.

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