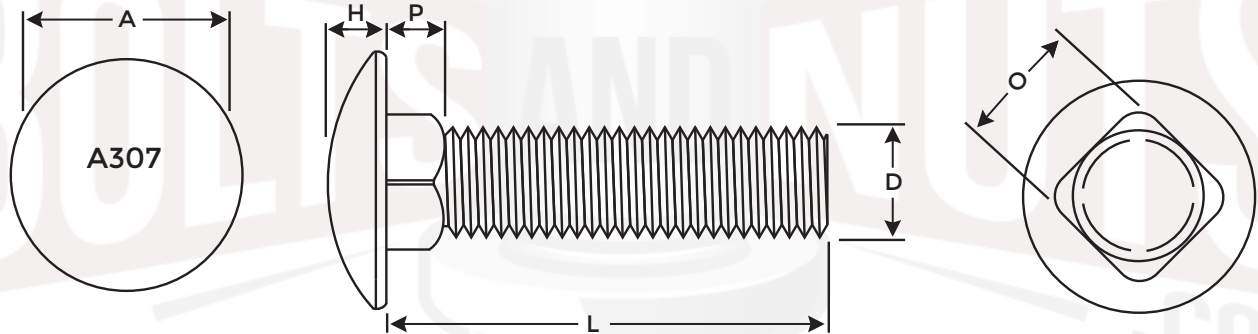




## Grade A Round Head Square Neck Carriage Bolts



Nominal Size or Basic Bolt Diameter	A		H		O		P		Q	R
	Head Diameter (Inches)		Head Height (Inches)		Square Width (Inches)		Square Depth (Inches)		Corner Radius in Square	Fillet Radius
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Max
1/4"	0.594	0.563	0.145	0.125	0.260	0.245	0.156	0.125	0.031	0.031
5/16"	0.719	0.688	0.176	0.156	0.324	0.307	0.187	0.156	0.047	0.031
3/8"	0.844	0.782	0.208	0.188	0.388	0.368	0.219	0.188	0.047	0.031
1/2"	1.094	1.032	0.270	0.250	0.515	0.492	0.281	0.250	0.047	0.031
5/8"	1.344	1.219	0.344	0.313	0.642	0.616	0.344	0.313	0.078	0.062
3/4"	1.594	1.469	0.406	0.375	0.768	0.741	0.406	0.375	0.078	0.062

Dimensions: ASME B18.5 - Full Thread  
 Material: ASTM A307 Grade A  
 Threading: ASME B1.1, UNC & UNF, Class 2A  
 Headmark: MFG ID

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