



ASME B18.5 unit: INCH

L LENGTH TOLERANCE	Diam.	1/4 to 3/8	7/16 to 1/2	9/16 to 3/4
	≤ 1"		+0.02 / -0.03	+0.02 / -0.03
> 1" to ≤ 2-1/2"		+0.02 / -0.04	+0.04 / -0.05	+0.06 / -0.08
> 2-1/2" to ≤ 4"		+0.04 / -0.06	+0.06 / -0.08	+0.08 / -0.10
> 4" to ≤ 6"		+0.06 / -0.10	+0.08 / -0.10	+0.10 / -0.10
> 6"		+0.10 / -0.18	+0.12 / -0.18	+0.14 / -0.18

LT THREAD LENGTH	
≤ 6"	Full Thread
> 6"	6" Thread

Bolt Size Class 2A		A HEAD DIAM.	H HEAD HEIGHT	D MAJOR THREAD DIAM.	E BODY DIAM.	O SQUARE WIDTH	P SQUARE DEPTH	Q CORNER RADIUS	R FILLET RADIUS	THREAD PER INCH
1/4	Min	0.563	0.125	0.237	0.213	0.245	0.125	Max. 0.031	Max. 0.031	20
	Max	0.594	0.145	0.249	0.260	0.260	0.156			
5/16	Min	0.688	0.156	0.298	0.272	0.307	0.156	Max. 0.031	Max. 0.031	18
	Max	0.719	0.176	0.311	0.324	0.324	0.187			
3/8	Min	0.782	0.188	0.360	0.329	0.368	0.188	Max. 0.047	Max. 0.047	16
	Max	0.844	0.208	0.374	0.388	0.388	0.219			
1/2	Min	1.032	0.250	0.482	0.444	0.492	0.250	Max. 0.047	Max. 0.047	13
	Max	1.094	0.270	0.499	0.515	0.515	0.281			
5/8	Min	1.219	0.313	0.605	0.559	0.616	0.313	Max. 0.078	Max. 0.062	11
	Max	1.344	0.344	0.623	0.642	0.642	0.344			
3/4	Min	1.469	0.375	0.728	0.678	0.741	0.375	Max. 0.078	Max. 0.062	10
	Max	1.594	0.406	0.748	0.768	0.768	0.406			

**Round Head Square Neck Carriage Bolt, Hot-Dip Galvanized shall be made of Low carbon steel ASTM A307 - Grade A**

Root = Carriage Bolt Hot-Dip Galvanized

**Bulk Label Description:**

- English: CARRIAGE BOLT, HOT-DIP GALVANIZED
- French: BOULON DE CARROSSERIE, GALVANISÉ À CHAUD
- Spanish: PERNO DE CARROCEÍA - GALVANIZADO EN CALIENTE

Date : 11 mai 2022

Done by : P.B.