



	Diam.	1/4 to 3/8	7/16 to 1/2	9/16 to 3/4	7/8 and 1	1-1/8 to 1-1/2
L LENGTH TOLERANCE	≤ 1"	+ 0 / - 0.03	+ 0 / - 0.03	+ 0 / - 0.03	-	-
	> 1" to ≤ 2-1/2"	+ 0 / - 0.04	+ 0 / - 0.06	+ 0 / - 0.08	+ 0 / - 0.10	+ 0 / - 0.12
	> 2-1/2" to ≤ 4"	+ 0 / - 0.06	+ 0 / - 0.08	+ 0 / - 0.10	+ 0 / - 0.14	+ 0 / - 0.16
	> 4" to ≤ 6"	+ 0 / - 0.10	+ 0 / - 0.10	+ 0 / - 0.10	+ 0 / - 0.16	+ 0 / - 0.18
	> 6"	+ 0 / - 0.18	+ 0 / - 0.18	+ 0 / - 0.18	+ 0 / - 0.20	+ 0 / - 0.22

S THREAD LENGTH	≤ 6"	2 x Diam + 0.25"
	> 6"	2 x Diam + 0.5"

Bolt Size Class 2A		F ACROSS FLAT	H HEAD HEIGHT	E BODY DIAM.	D THREAD DIAM.	THREAD PER INCH
1/4	Min	0.428	0.150	0.245	0.241	20
	Max	0.438	0.163	0.250	0.249	
5/16	Min	0.489	0.195	0.306	0.303	18
	Max	0.500	0.211	0.312	0.311	
3/8	Min	0.551	0.226	0.369	0.364	16
	Max	0.562	0.243	0.375	0.374	
1/2	Min	0.736	0.302	0.493	0.488	13
	Max	0.750	0.323	0.500	0.499	
5/8	Min	0.922	0.378	0.617	0.611	11
	Max	0.938	0.403	0.625	0.623	
3/4	Min	1.100	0.455	0.741	0.735	10
	Max	1.125	0.483	0.750	0.748	
7/8	Min	1.285	0.531	0.866	0.859	9
	Max	1.312	0.563	0.875	0.873	
1	Min	1.469	0.591	0.990	0.983	8
	Max	1.500	0.627	1.000	0.998	
1-1/4	Min	1.812	0.749	1.239	1.231	7
	Max	1.875	0.813	1.250	1.248	
1-1/2	Min	2.175	0.902	1.488	1.479	6
	Max	2.250	0.974	1.500	1.498	

Hex. Head Cap screw, Coarse Thread, SAE J429 Grade 8, Plain

Root= Hex Cap grade-8 Plain

Bulk Label Description:

- English: HEX BOLT, GR-8, PLAIN
- French: BOULON TÊTE HEX, GR-8, NON PLAQUÉ
- Spanish: PERNO DE CABEZA HEXAGONAL, GRADO 8, SIN REVESTIMIENTO

Date: 17 septembre 2019

Done by: P.B.