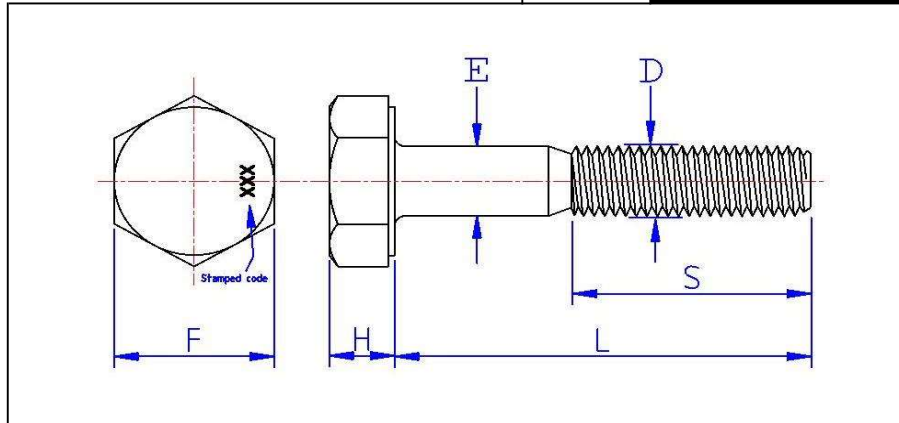


Brand	Root
	<b>HC2Z...</b>



ASME B18.2.1

unit: INCH

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

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	
7/16	Min	0.612	0.272	0.430	0.426	14
	Max	0.625	0.291	0.437	0.436	
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	

**Hex. Head Cap screw, Coarse Thread, Zinc Plated**  
**SAE J429 - Grade 2**

Root= Hex. Cap grade 2 Zinc

**Bulk Label Description:**

- English: HEX BOLT, GR-2, ZINC
- French: BOULON TÊTE HEX, GR-2, ZINC
- Spanish: PERNO DE CABEZA HEXAGONAL, GRADO 2, ZINC

Date: 17 septembre 2019

Done by: P.B