



HEX BOLTS--ANSI/ASME B18.2.1

Product features:

- 1) Size: 1/4 - 2
- 2) Length: according to requirement
- 3) Materials: Carbon Steel
- 4) Plating: ZINC / H.D.G / BLACK OXIDE / other

Table Dimensions of Hex Bolts

Thread Size	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	
F	7/16	1/2	9/16	5/8	3/4	15/16	1.1/8	1.5/16	1.1/2	
G (min)	0.484	0.552	0.620	0.687	0.826	1.033	1.24	1.447	1.653	
H	11/64	7/32	1/4	19/64	11/32	27/64	1/2	37/64	43/64	
LT	L ≤ 6in.	0.75	0.875	1	1.125	1.25	1.5	1.75	2	2.25
	L > 6in.	1	1.125	1.25	1.375	1.5	1.75	2	2.25	2.5

Table Dimensions of Hex Bolts(Continued)

Thread Size	1.1/8	1.1/4	1.3/8	1.1/2	1.3/4	2	
F	1.11/16	1.7/8	2.1/16	2.1/4	2.5/8	3	
G (min)	1.859	2.066	2.273	2.480	2.893	3.306	
H	3/4	27/32	29/32	1	1.5/32	1.11/32	
LT	L ≤ 6in.	2.5	2.75	3	3.25	3.75	4.25
	L > 6in.	2.75	3	3.25	3.5	4	4.5

