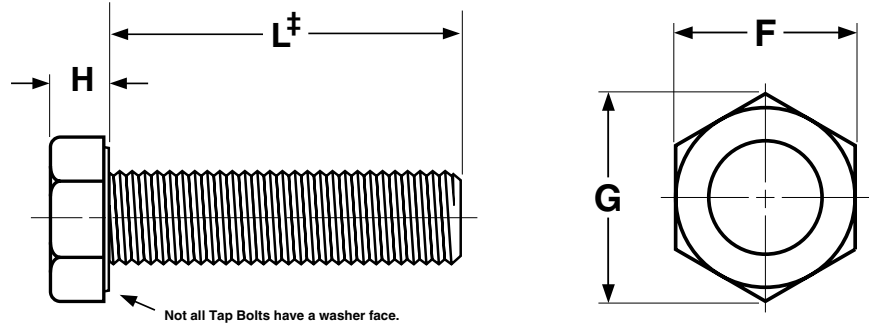




Bolts & Cap Screws

Tap Bolts



Nominal or Basic Product Diameter	F			G		H		
	Width Across Flats			Width Across Corners		Head Height		
	Basic	Max.	Min.	Max.	Min.	Basic	Max.	Min.
1/4	7/16	0.438	0.428	0.505	0.488	5/32	0.163	0.150
5/16	1/2	0.500	0.489	0.577	0.557	13/64	0.211	0.195
3/8	9/16	0.562	0.551	0.650	0.628	15/64	0.243	0.226
7/16	5/8	0.625	0.612	0.722	0.698	9/32	0.291	0.272
1/2	3/4	0.750	0.736	0.866	0.840	5/16	0.323	0.302
5/8	15/16	0.938	0.922	1.083	1.051	25/64	0.403	0.378
3/4	1-1/8	1.125	1.100	1.299	1.254	15/32	0.483	0.455

Tolerance on Length	Nominal Screw Size	Nominal Size			
		Up to 1 in., incl.	Over 1 in. to 2-1/2 in., incl.	Over 2-1/2 in. to 4 in., incl.	Over 4 in. to 6 in., incl.
	1/4 to 3/8	-0.03	-0.04	-0.06	-0.10
7/16 and 1/2	-0.03	-0.06	-0.08	-0.10	
9/16 to 3/4	-0.03	-0.08	-0.10	-0.10	

ASME B18.2.1-1996

‡Length of a tap bolt is measured from the underhead bearing surface to the extreme end of the bolt.

The value-added source for quality bolts, screws, nuts, washers and other industrial fasteners.

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