



CENLA BOLTS & SUPPLY

Hex Bolt Dimensions Table

Hex Bolt Dimensions								
Basic Product Diameter	Full-Size Body Diameter		Width Across Flats	Width Across Corners		Head Height	Thread Length	
	Max	Min		Max	Min		Up to 6in	Over 6 in
1/4	.26	.237	7/16	.505	0.484	11/64	0.75	1.00
5/16	.324	.298	1/2	.577	0.552	7/32	0.88	1.13
3/8	.388	.360	9/16	.650	0.62	1/4	1.00	1.25
7/16	.452	.421	5/8	.722	0.687	19/64	1.13	1.38
1/2	.515	.482	3/4	.866	0.826	11/32	1.25	1.50
5/8	.642	.605	15/16	1.083	1.033	27/64	1.50	1.75
3/4	.768	.729	1-1/8	1.299	1.24	1/2	1.75	2.00
7/8	.895	.852	1-5/16	1.516	1.447	37/64	2.00	2.25
1	1.022	.976	1-1/2	1.732	1.653	43/64	2.25	2.50
1-1/8	1.149	1.098	1-11/16	1.949	1.859	3/4	2.50	2.75
1-1/4	1.277	1.223	1-7/8	2.165	2.066	27/32	2.75	3.00
1-3/8	1.404	1.345	2-1/16	2.382	2.273	29/32	3.00	3.25
1-1/2	1.531	1.47	2-1/4	2.598	2.48	1	3.25	3.50
1-3/4	1.785	1.716	2-5/8	3.031	2.893	1-5/32	3.75	4.00
2	2.039	1.964	3	3.464	3.306	1-11/32	4.25	4.50
2-1/4	2.305	2.214	3-3/8	3.897	3.719	1-1/2	4.75	5.00
2-1/2	2.559	2.461	3-3/4	4.33	4.133	1-21/32	5.25	5.5
2-3/4	2.827	2.711	4-1/8	4.763	4.546	1-13/16	5.75	6.00
3	3.081	2.961	4-1/2	5.196	4.959	2	6.25	6.50
3-1/4	3.335	3.21	4-7/8	5.629	5.372	2-3/16	6.75	7.00
3-1/2	3.589	3.461	5-1/4	6.062	5.786	2-5/16	7.25	7.50
3-3/4	3.858	3.726	5-5/8	6.495	6.198	2-1/2	7.75	8.00
4	4.111	3.975	6	6.928	6.612	2-11/16	8.25	8.50

(standards set by American Society of Mechanical Engineering)