

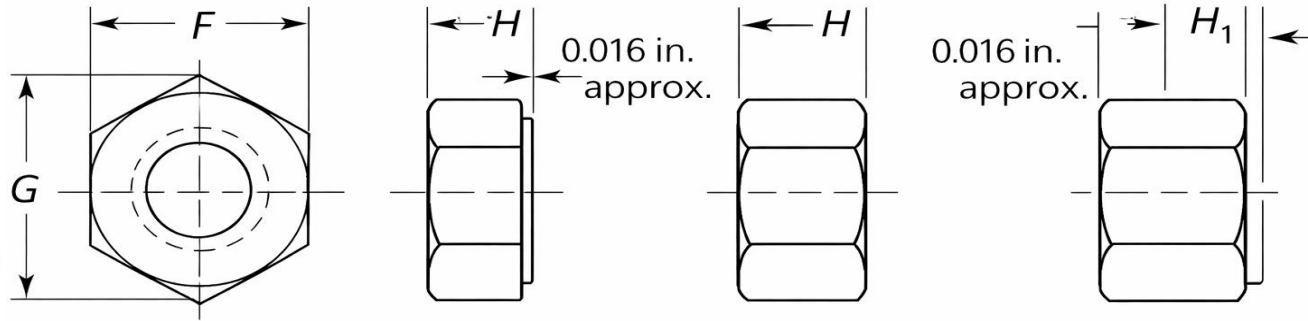
www.sunmach.net
 info@sunmach.in
 +91 20 24231345/46

Dimensions of Hex Nuts

ANSI B 18. 2.2-2010

Nominal Size		Basic Major Diameter of Thread	F		G		H		H ₁		Maximum Runout of Bearing Surface to Thread Axis, FIM	
			Width Across Flats		Width Across Corners		Thickness Hex Nuts		Thickness Jam Nuts		Hex Nuts	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Up to 150,000 psi	150,000 psi and Greater
1/4	0.2500	0.428	0.438	0.488	0.505	0.212	0.226	0.150	0.163	0.015	0.010	0.015
5/16	0.3125	0.489	0.500	0.557	0.577	0.258	0.273	0.180	0.195	0.016	0.011	0.016
3/8	0.3750	0.551	0.563	0.628	0.650	0.320	0.337	0.210	0.227	0.017	0.012	0.017
7/16	0.4375	0.675	0.688	0.768	0.794	0.365	0.385	0.240	0.260	0.018	0.013	0.018
1/2	0.5000	0.736	0.750	0.840	0.866	0.427	0.448	0.302	0.323	0.019	0.014	0.019
9/16	0.5625	0.861	0.875	0.982	1.010	0.473	0.496	0.301	0.324	0.020	0.015	0.020
5/8	0.6250	0.922	0.938	1.051	1.083	0.535	0.559	0.363	0.387	0.021	0.016	0.021
3/4	0.7500	1.088	1.125	1.240	1.299	0.617	0.665	0.398	0.446	0.023	0.018	0.023
7/8	0.8750	1.269	1.312	1.447	1.516	0.724	0.776	0.458	0.510	0.025	0.020	0.025
1	1.0000	1.450	1.500	1.653	1.732	0.831	0.887	0.519	0.575	0.027	0.022	0.027
1-1/8	1.1250	1.631	1.688	1.859	1.949	0.939	0.999	0.579	0.639	0.030	0.025	0.030
1-1/4	1.2500	1.812	1.875	2.066	2.165	1.030	1.094	0.687	0.751	0.033	0.028	0.033
1-3/8	1.3750	1.994	2.062	2.273	2.382	1.138	1.206	0.747	0.815	0.036	0.031	0.036
1-1/2	1.5000	2.175	2.250	2.480	2.598	1.245	1.317	0.808	0.880	0.039	0.034	0.039

NOTE: ALL DIMENSIONS ARE IN INCHES.



www.sunmach.net
 info@sunmach.in
 +91 20 24231345/46

Dimensions of Hex Nuts

ANSI B 18. 2.2-2010

Nominal Size		Basic Major Diameter of Thread	F		G		H		H ₁		Maximum Runout of Bearing Surface to Thread Axis, FIM		
			Width Across Flats		Width Across Corners		Thickness Hex Nuts		Thickness Jam Nuts		Hex Nuts		Hex Jam Nuts
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Up to 150,000 psi	150,000 psi and Greater	
1-5/8	1.6250	2.35	2.43	2.679	2.805	1.364	1.416	0.868	0.944	0.044	0.038	0.044	
1-3/4	1.7500	2.538	2.625	2.893	3.031	1.460	1.540	0.929	1.009	0.048	0.041	0.048	
1-7/8	1.8750	2.722	2.813	3.103	3.247	1.567	1.651	0.989	1.073	0.051	0.044	0.051	
2	2.0000	2.900	3.000	3.306	3.464	1.675	1.763	1.050	1.138	0.055	0.047	0.055	
2-1/4	2.2500	3.263	3.375	3.719	3.897	1.890	1.986	1.155	1.267	0.061	0.052	0.061	
2-1/2	2.5000	3.625	3.750	4.133	4.330	2.105	2.209	1.401	1.427	0.068	0.058	0.068	
2-3/4	2.7500	3.998	4.125	4.546	4.763	2.319	2.431	1.522	1.556	0.074	0.064	0.074	
3	3.0000	4.350	4.500	4.959	5.196	2.534	2.654	1.643	1.685	0.081	0.070	0.081	
3-1/4	3.2500	4.713	4.875	5.373	5.629	2.749	2.877	1.748	1.814	0.087	0.075	0.087	
3-1/2	3.5000	5.075	5.250	5.786	6.062	2.964	3.100	1.870	1.943	0.094	0.081	0.094	
3-3/4	3.7500	5.438	5.625	6.199	6.495	3.178	3.322	1.990	2.072	0.100	0.087	0.100	
4	4.0000	5.800	6.000	6.612	6.928	3.393	3.545	2.112	2.201	0.107	0.093	0.107	

NOTE: ALL DIMENSIONS ARE IN INCHES.