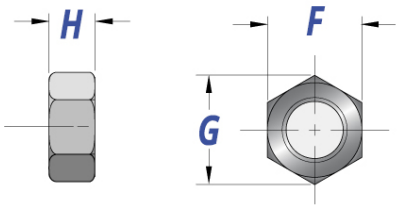
Hex Jam Nuts: Dimensions & Technical Information



Hex Jam Nuts: Dimensions (ANSI/ASME B18.2.2-1987)									
Nominal or Basic Major Diameter of Thread		Width Across Flats (F)			Width Across Corners (G)		Thickness of Hex Jam Nuts (H)		
		Basic	Max	Min	Max	Min	Basic	Max	Min
1/4	0.2500	7/16	.438	.428	.505	.488	5/32	0.163	0.150
5/16	0.3125	1/2	.500	.489	.577	.557	3/16	0.195	0.180
3/8	0.3750	9/16	.562	.551	.650	.628	7/32	0.227	0.210
7/16	0.4375	11/16	.688	.675	.794	.768	1/4	0.260	0.240
1/2	0.5000	3/4	.750	.736	.866	.840	5/16	0.323	0.302
9/16	0.5625	7/8	.875	.861	1.010	.982	5/16	0.324	0.301
5/8	0.6250	15/16	.938	.922	1.083	1.051	3/8	0.387	0.363
3/4	0.7500	1-1/8	1.125	1.088	1.299	1.240	24/64	0.446	0.398
7/8	0.8750	1-5/16	1.312	1.269	1.516	1.447	31/64	0.510	0.458
1	1.0000	1-1/2	1.500	1.450	1.732	1.653	35/64	.575	0.519
1-1/8	1.1250	1-11/16	1.688	1.631	1.949	1.859	39/64	.639	.579
1-1/4	1.2500	1-7/8	1.875	1.812	2.165	2.066	23/32	.751	.687
1-3/8	1.3750	2-1/16	2.062	1.994	2.382	2.273	25/32	.815	.747
1-1/2	1.5000	2-1/4	2.250	2.175	2.598	2.480	27/32	.880	.808
1-3/4	1.7500	2-5/8	2.625	2.538	3.031	2.893	31/32	1.009	.929
2	2.000	3	3.000	2.900	3.464	3.306	1-3/32	1.138	1.050
2-1/4	2.2500	3-1/2	3.500	3.388	4.041	3.862	1-13/64	1.251	1.155
2-1/2	2.5000	3-7/8	3.875	3.750	4.474	4.275	1-29/64	1.505	1.401

Hex Jam Nuts: Performance & Mechanical Specs	
Description	A six-sided internally threaded fastener that is 2/3 the thickness of a standard full form nut.
Applications	Jam nuts are used with finished or heavy hex nuts to keep them from loosening. The jam nut is placed against the work surface and then the hex nut or heavy hex nut is applied.
Material	Steel Hex Jam Nuts are made from a low carbon with the following properties: Carbon: 0.47% max; Phosphorus: 0.12% max; Sulfur: 0.23% max Stainless Steel Hex Jam Nuts are made from one of the following austenitic alloys: 303, 303Se, 304, XM7, all of which have chromium content of 18% and a nickel content of 8%.
Core Hardness	Steel: Rockwell B68-C32 Stainless Steel: Rockwell B95-C32
Proof Load	Steel: Coarse Thread - 54,000 psi, Fine Thread - 48,000 psi Stainless Steel: 1/4" - 1/2" - 60,000

Heavy Hex Jam Nuts: Dimensions (ANSI/ASME B18.2.2-1987 - R 1999)						
Nominal or Basic Major Diameter of Thread	Width Across Flats (F)		Width Across Corners (G)		Thickness of Heavy Hex Jam Nuts (H)	
	Max	Min	Max	Min	Max	Min
1/4	.500	.488	.577	.556	0.188	0.156
5/16	.562	.546	.650	.622	0.220	0.186
3/8	.688	.669	.794	.763	0.252	0.216
7/16	.750	.728	.866	.830	0.285	0.247
1/2	.875	.850	1.010	.969	0.371	0.277
9/16	.938	.909	1.083	1.037	0.349	0.307
5/8	1.062	1.031	1.227	1.175	0.381	0.337
3/4	1.250	1.212	1.443	1.382	0.446	0.398
7/8	1.438	1.394	1.660	1.589	0.510	0.458
1	1.625	1.575	1.876	1.796	.575	0.519
1-1/8	1.812	1.756	2.093	2.002	.639	.579
1-1/4	2.000	1.938	2.309	2.209	.751	.687
1-3/8	2.188	2.119	2.526	2.416	.815	.747
1-1/2	2.375	2.300	2.742	2.622	.880	.808
1-3/4	2.750	2.662	3.175	3.035	1.009	.929
2	3.125	3.025	3.608	3.449	1.138	1.050

Heavy Hex Jam Nuts: Performance & Mechanical Specs	
Description	A six-sided internally threaded fastener that is 2/3 the thickness of a heavy hex nut.
Applications	Jam nuts are used with heavy hex nuts to keep them from loosening. The jam nut is placed against the work surface and then the heavy hex nut is applied.