

FINISH HEX NUT

ASME B18.2.2-2010

Nominal or Basic Major Diameter of Thread		Width Across Flats			Thickness of Hex Nut		
		Basic	Max	Min	Basic	Max	Min
1/4	0.2500	7/16	0.438	0.428	7/32	0.226	0.212
5/16	0.3125	1/2	0.500	0.489	17/64	0.273	0.258
3/8	0.3750	9/16	0.562	0.551	21/64	0.337	0.320
7/16	0.4375	11/16	0.688	0.675	3/8	0.385	0.365
1/2	0.5000	3/4	0.750	0.736	7/16	0.448	0.427
9/16	0.5625	7/8	0.875	0.861	31/64	0.496	0.473
5/8	0.6250	15/16	0.938	0.922	35/64	0.559	0.535
3/4	0.7500	1-1/8	1.125	1.088	41/64	0.665	0.617
7/8	0.8750	1-5/16	1.312	1.269	3/4	0.776	0.724
1	1.0000	1-1/2	1.500	1.450	55/64	0.887	0.831
1-1/8	1.1250	1-11/16	1.688	1.631	31/32	0.999	0.939
1-1/4	1.2500	1-7/8	1.875	1.812	1-1/16	1.094	1.030
1-3/8	1.3750	2-1/16	2.062	1.994	1-11/64	1.206	1.138
1-1/2	1.5000	2-1/4	2.250	2.175	1-9/32	1.317	1.245
1-5/8	1.6250	2-7/16	2.438	2.356	1-25/64	1.429	1.353
1-3/4	1.7500	2-5/8	2.625	2.538	1-1/2	1.540	1.460
2	2.0000	3	3.000	2.900	1-23/32	1.763	1.675
2-1/4	2.2500	3-3/8	3.375	3.263	1-15/16	1.986	1.890
2-1/2	2.5000	3-3/4	3.750	3.625	2-5/32	2.209	2.105
2-3/4	2.7500	4-1/8	4.125	3.988	2-3/8	2.431	2.319
3	3.0000	4-1/2	4.500	4.350	2-19/32	2.654	2.534

HEAVY HEX NUT

ASME B18.2.2

Nominal or Basic Major Diameter of Thread		Width Across Flats			Thickness of Hex Nut		
		Basic	Max	Min	Basic	Max	Min
1/4	0.2500	1/2	0.500	0.488	15/64	0.250	0.218
5/16	0.3125	9/16	0.562	0.546	19/64	0.314	0.280
3/8	0.3750	11/16	0.688	0.669	23/64	0.377	0.341
7/16	0.4375	3/4	0.750	0.728	27/64	0.441	0.403
1/2	0.5000	7/8	0.875	0.850	31/64	0.504	0.464
9/16	0.5625	15/16	0.938	0.909	35/64	0.568	0.526
5/8	0.6250	1-1/16	1.062	1.031	39/64	0.631	0.587
3/4	0.7500	1-1/4	1.250	1.212	47/64	0.758	0.710
7/8	0.8750	1-7/16	1.438	1.394	55/64	0.885	0.833
1	1.0000	1-5/8	1.625	1.575	63/64	1.012	0.956
1-1/8	1.1250	1-13/16	1.812	1.756	1-7/64	1.139	1.079
1-1/4	1.2500	2	2.000	1.938	1-7/32	1.251	1.187
1-3/8	1.3750	2-3/16	2.188	2.119	1-11/32	1.378	1.310
1-1/2	1.5000	2-3/8	2.375	2.300	1-15/32	1.505	1.433
1-5/8	1.6250	2-9/16	2.562	2.481	1-19/32	1.632	1.556
1-3/4	1.7500	2-3/4	2.750	2.662	1-23/32	1.759	1.679
2	2.0000	3-1/8	3.125	3.025	1-31/32	2.013	1.925
2-1/4	2.2500	3-1/2	3.500	3.388	2-13/64	2.251	2.155
2-1/2	2.5000	3-7/8	3.875	3.750	2-29/64	2.505	2.401
2-3/4	2.7500	4-1/4	4.250	4.112	2-45/64	2.759	2.647
3	3.0000	4-5/8	4.625	4.475	2-61/64	3.013	2.893
3-1/4	3.2500	5	5.000	4.838	3-3/16	3.252	3.124
3-1/2	3.5000	5-3/8	5.375	5.200	3-7/16	3.506	3.370
3-3/4	3.7500	5-3/4	5.750	5.562	3-11/16	3.760	3.616
4	4.0000	6-1/8	6.125	5.925	3-15/16	4.014	3.862