



Nominal Size	Basic Major Diameter of Thread	Width Across Flats, F		Width Across Corners, G		Thickness Hex Nuts, H		Thickness Jam Nuts, H ₁		Maximum Runout of Bearing Surface to Thread Axis, FIM		
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Hex Nuts		All Strength Levels
										Specified Proof Load		
1/4	0.2500	0.428	0.438	12/30	0.505	0.212	0.226	0.15	12/30	0.01	0.015	0.015
5/16	0.3125	0.489	0.500	12/30	0.577	0.258	0.273	0.18	0.195	0.011	0.016	0.016
3/8	0.3750	0.551	0.563	12/30	0.65	0.32	0.337	0.21	0.227	0.012	0.017	0.017
7/16	0.4375	0.675	0.688	12/30	0.794	0.365	0.385	0.24	12/30	0.013	0.018	0.018
1/2	0.5000	0.736	0.750	0.84	0.866	0.427	0.448	0.302	0.323	0.014	0.019	0.019
45916	0.5625	0.861	0.875	0.982	1.01	0.473	0.496	0.301	0.324	0.015	0.02	0.02
45785	0.6250	0.922	0.938	1.051	1.083	0.535	0.559	0.363	12/30	0.016	0.021	0.021
3/4	0.7500	1.088	1.125	1.24	1.299	0.617	0.665	0.398	0.446	0.018	0.023	0.023
45846	0.8750	1.269	1.312	1.447	1.516	0.724	0.776	0.458	0.51	0.02	0.025	0.025
1	1.0000	1.450	1.500	1.653	1.732	0.831	0.887	0.519	0.575	0.022	0.027	0.027
1 1/4	1.1250	1.631	1.688	1.859	1.949	0.939	0.999	0.579	0.639	0.025	0.03	0.03
1 1/2	1.2500	1.812	1.875	2.066	2.165	1.03	1.094	0.687	0.751	0.028	0.033	0.033
1 3/4	1.3750	1.994	2.062	2.273	2.382	1.138	1.206	0.747	12/30	0.031	0.036	0.036
2	1.5000	2.175	2.250	2.48	2.598	1.245	1.317	0.808	0.88	0.034	0.039	0.039
2 1/4	1.6250	2.356	2.438	2.679	2.805	1.364	1.476	0.868	12/30	0.038	0.044	0.044
2 1/2	1.7500	2.538	2.625	2.893	3.031	1.46	1.54	0.929	1.009	0.041	0.048	0.048
2 3/4	1.8750	2.719	2.812	3.1	3.248	1.567	1.651	0.989	1.073	0.044	0.051	0.051
3	2.0000	2.900	3.000	3.306	3.464	1.675	1.763	1.05	1.138	0.047	0.055	0.055
3 1/4	2.2500	3.263	3.375	3.719	3.897	1.890	1.986	1.155	1.251	0.052	0.061	0.06
3 1/2	2.5000	3.625	3.750	4.131	4.330	2.105	2.209	1.407	1.427	0.058	0.068	0.07
3 3/4	2.7500	3.988	4.125	4.546	4.763	2.323	2.433	1.522	1.556	0.064	0.074	0.07
4	3.0000	4.350	4.500	4.959	5.196	2.538	2.656	1.643	1.685	0.070	0.081	0.08
4 1/4	3.2500	4.713	4.875	5.373	5.629	2.753	2.879	1.748	1.814	0.075	0.087	0.09
4 1/2	3.5000	5.075	5.250	5.786	6.062	2.968	3.102	1.870	1.943	0.081	0.094	0.09
4 3/4	3.7500	5.438	5.625	6.199	6.495	3.183	3.325	1.990	2.072	0.087	0.100	0.10
5	4.0000	5.800	6.000	6.612	6.928	3.398	3.548	2.112	2.201	0.093	0.107	0.11

GENERAL NOTE: For additional requirements, refer to section 3, General Data.