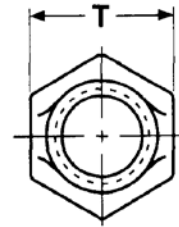
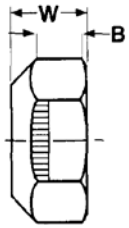


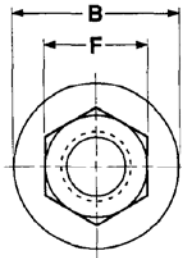
Stover[®] Locknuts

Grade C Automation Style

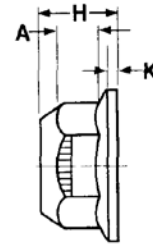
2



Nom. Size In Inches	T			W		B
	Width	Across	Flats	Overall Thickness		Hex Height
	Nom.	Max.	Min.	Max.	Min.	(Min.)
1/4	7/16	0.4385	0.428	0.226	0.212	0.145
5/16	1/2	0.5020	0.489	0.273	0.258	0.166
3/8	9/16	0.5645	0.551	0.337	0.320	0.198
7/16	11/16	0.6895	0.675	0.385	0.365	0.223
1/2	3/4	0.7520	0.736	0.448	0.427	0.262
9/16	7/8	0.8770	0.861	0.496	0.473	0.286
5/8	15/16	0.9395	0.922	0.559	0.535	0.329
3/4	1-1/8	1.1270	1.088	0.665	0.617	0.382
7/8	1-5/16	1.3145	1.2690	0.776	0.724	0.450
1	1-1/2	1.5020	1.4500	0.887	0.831	0.513



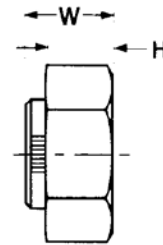
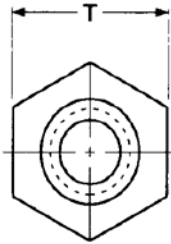
Grade GT Flange Style



Nom. Size In Inches	F			B	H		A	K
	Width	Across	Flats	Flange Diam.	Overall Thickness		Hex Height	Flange Thick.
	Nom.	Max.	Min.	(Max.)	Max.	Min.	(Min.)	(Min.)
3/8	9/16	0.5645	0.551	0.810	0.425	0.404	0.200	0.060
1/2	3/4	0.7520	0.736	1.070	0.555	0.528	0.260	0.080
5/8	15/16	0.9395	0.922	1.330	0.690	0.646	0.320	0.100
3/4	1-1/8	1.1270	1.088	1.585	0.825	0.742	0.380	0.110

Stover[®] Locknuts

Grade C Hex Collar

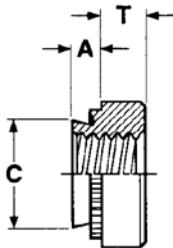


Nom. Size In Inches	T		W		H	
	Width Across Flats		Overall Thickness		Hex Height	
	Max.	Min.	Max.	Min.	Max.	Min.
1-1/8	1.688	1.631	0.999	0.939	0.657	0.636
1-1/4	1.875	1.812	1.094	1.030	0.719	0.698
1-3/8	2.062	1.994	1.206	1.138	0.793	0.771
1-1/2	2.250	2.175	1.317	1.245	0.865	0.843
1-3/4	2.625	2.538	1.540	1.460	1.012	0.989
2	3.000	2.900	1.763	1.675	1.158	1.134

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Self Clinching Nuts

A Comparison of Part Numbers

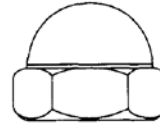


Specifications & Comparison of Part Numbers

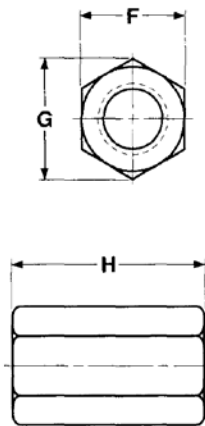
Size	A	Minimum Sheet Thickness	Hole Size in Sheet +.003-.000	C	E	T	Part #	PEM [®]	Captive
	Shank Hgt. Max.			Shank Diam. Max.	Nut Dia.	Nut Hgt. Max.			
4-40-0	.030	.030-.039	.166	.165	.25	.07	04-0NCL	S-440-0	C-440-0
4-40-1	.038	.040	.166	.165	.25	.07	04-1NCL	S-440-1	C-440-1
4-40-2	.054	.056	.160	.165	.25	.07	04-2NCL	S-440-2	C-440-2
6-32-0	.030	.030-.039	.1875	.187	.28	.07	06-0NCL	S-632-0	C-632-0
6-32-1	.038	.040	.1875	.187	.28	.07	06-1NCL	S-632-1	C-632-1
6-32-2	.054	.056	.1875	.187	.28	.07	06-2NCL	S-632-2	C-632-2
8-32-0	.030	.030-.039	.213	.212	.31	.09	08-0NCL	S-832-0	C-832-0
8-32-1	.038	.040	.213	.212	.31	.09	08-1NCL	S-832-1	C-832-1
8-32-2	.054	.056	.213	.212	.31	.09	08-2NCL	S-832-2	C-832-2
10-24-0	.030	.030-.039	.250	.249	.34	.09	10-0NCL	SS-024-0	C-024-0
10-24-1	.038	.040	.250	.249	.34	.09	10-1NCL	SS-024-1	C-024-1
10-24-2	.054	.056	.250	.249	.34	.09	10-2NCL	SS-024-2	C-024-2
10-32-0	.030	.030-.039	.250	.249	.34	.09	11-0NCL	SS-032-0	C-032-0
10-32-1	.038	.040	.250	.249	.34	.09	11-1NCL	SS-032-1	C-032-1
10-32-2	.054	.065	.250	.249	.34	.09	11-2NCL	SS-032-2	C-032-2
1/4-20-1	.054	.056	.344	.343	.44	.17	14-1NCL	S-0420-1	C-0420-1
1/4-20-2	.087	.091	.344	.343	.44	.17	14-2NCL	S-0420-2	C-0420-2

Two Piece Hex Cap Nuts

Part #	Size	Across the Flats	Overall Hght.
06NC	6-32	5/16	1/4
08NC	8-32	5/16	1/4
10NC	10-24	3/8	9/32
11NC	10-32	3/8	11/32
14NC	1/4-20	7/16	21/64
31NC	5/16-18	9/16	3/8
37NC	3/8-16	5/8	27/64
50NC	1/2-13	3/4	9/16
62NC	5/8-11	15/16	51/64



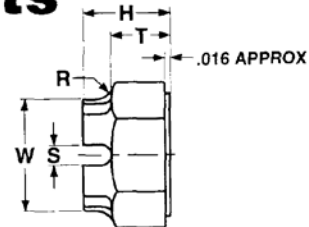
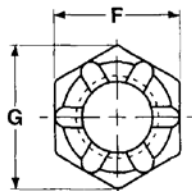
Hex Coupling Nuts



Dimensions of Hex Coupling Nuts

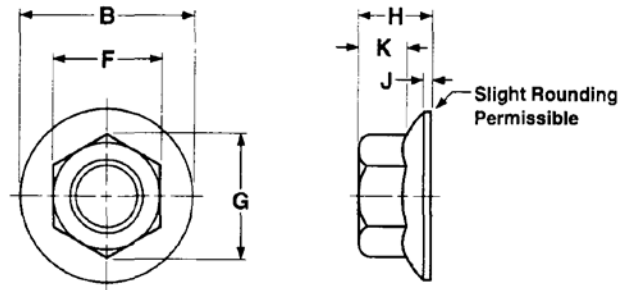
Nom Size or Basic Major Dia of Thread		F			G		H		
		Width Across Flats			Width Across Corners		Length		
		Basic	Max	Min	Max	Min	Basic	Max	Min
1/4	0.2500	3/8	0.375	0.365	0.433	0.416	3/4	0.76	0.74
5/16	0.3125	1/2	0.500	0.489	0.577	0.557	15/16	0.95	0.93
3/8	0.3750	9/16	0.562	0.551	0.650	0.628	1- 1/8	1.13	1.11
1/2	0.5000	3/4	0.750	0.736	0.866	0.839	1- 1/2	1.51	1.49
5/8	0.6250	15/16	0.938	0.922	1.083	1.051	1- 7/8	1.89	1.86
3/4	0.7500	1- 1/8	1.125	1.088	1.299	1.240	2- 1/4	2.27	2.22
1	1.0000	1- 1/2	1.500	1.450	1.732	1.653	3	3.03	2.97

Hex Castle Nuts



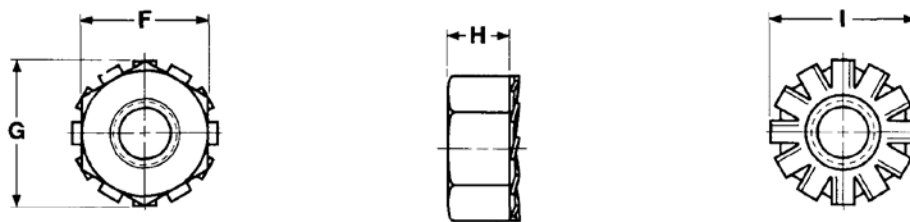
Nominal Size or Basic Major Dia of Thread	F			G		H			T			S		R	W	Runout of Bearing Surface FIR
	Width Across Flats			Width Across Corners		Thickness			Unslotted Thickness and Height of Flat			Width of Slot		Radius of Fillet	Dia of Cylindrical	
	Basic	Max	Min	Max	Min	Basic	Max	Min	Nom	Max	Min	Max	Min	±.010	Min	Max
5/8 0.6250	15/16	0.938	0.922	1.083	1.051	23/32	0.731	0.706	1/2	0.51	0.49	0.24	0.18	0.156	0.797	0.021
3/4 0.7500	1-1/8	1.125	1.088	1.299	1.240	13/16	0.827	0.798	9/16	0.57	0.55	0.24	0.18	0.188	0.941	0.023
7/8 0.8750	1-5/16	1.312	1.269	1.516	1.447	29/32	0.922	0.890	21/32	0.67	0.64	0.24	0.18	0.188	1.097	0.025
1 1.0000	1-1/2	1.500	1.450	1.732	1.653	1	1.018	0.982	23/32	0.73	0.70	0.30	0.24	0.188	1.254	0.027

Serrated Flange Lock Nuts



Nominal Size or Basic Major Diameter of Thread	F Width Across Flats		G Width Across Corners		B Flange Diameter		H Nut Thickness		K Wrenching Length	J Flange Thickness
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.	Max.
6 0.1380	0.312	0.302	0.361	0.342	0.422	0.406	0.171	0.156	0.10	0.02
8 0.1640	0.344	0.334	0.397	0.381	0.469	0.452	0.203	0.187	0.13	0.02
10 0.1900	0.375	0.365	0.433	0.416	0.500	0.480	0.219	0.203	0.13	0.03
12 0.2160	0.438	0.428	0.505	0.488	0.594	0.574	0.236	0.222	0.14	0.04
1/4 0.2500	0.438	0.428	0.505	0.488	0.594	0.574	0.236	0.222	0.14	0.04
5/16 0.3125	0.500	0.489	0.577	0.557	0.680	0.660	0.283	0.268	0.17	0.04
3/8 0.3750	0.562	0.551	0.650	0.628	0.750	0.728	0.347	0.330	0.23	0.04
7/16 0.4375	0.688	0.675	0.794	0.768	0.937	0.910	0.395	0.375	0.26	0.04
1/2 0.5000	0.750	0.736	0.866	0.840	1.031	1.000	0.458	0.437	0.31	0.05
5/8 0.6250	0.938	0.922	1.083	1.051	1.281	1.248	0.569	0.545	0.40	0.05
3/4 0.7500	1.125	1.088	1.299	1.240	1.500	1.460	0.675	0.627	0.46	0.06

“K” Lock Nuts



Nominal Size or Basic Thread Diameter	F Width Across Flats			G Width Across Corners		H Thickness		I Washer Diameter
	Basic	Max.	Min.	Max.	Min.	Max.	Min.	Ref.
4 0.1120	1/4	0.250	0.241	0.289	0.275	0.098	0.087	0.281
6 0.1380	5/16	0.312	0.302	0.361	0.344	0.114	0.102	0.344
8 0.1640	11/32	0.344	0.332	0.397	0.378	0.130	0.117	0.375
10 0.1900	3/8	0.375	0.362	0.433	0.413	0.130	0.117	0.406
1/4 0.2500	7/16	0.438	0.423	0.505	0.482	0.193	0.178	0.500
5/16 0.3125	1/2	0.500	0.489	0.577	0.557	0.273	0.258	0.578
3/8 0.3750	9/16	0.562	0.551	0.650	0.628	0.385	0.365	0.656

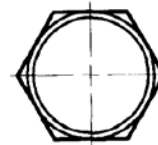
Square and Hex Machine Screw Nut

The image contains three technical drawings of machine screw nuts. The first drawing on the left shows a square nut with dimension 'F' indicating the width across flats and 'G' indicating the width across corners. The middle drawing shows a square nut with dimension 'H' indicating the thickness. The third drawing on the right shows a hexagonal nut with dimension 'F' indicating the width across flats, 'G1' indicating the width across corners, and 'H' indicating the thickness.

Nominal Size or Basic Thread Diameter		F			G		G1		H	
		Width Across Flats			Width Across Corners				Thickness	
					Square		Hex			
		Basic	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
2	0.0860	3/16	0.188	0.180	0.265	0.247	0.217	0.205	0.066	0.057
3	0.0990	3/16	0.188	0.180	0.265	0.247	0.217	0.205	0.066	0.057
4	0.1120	1/4	0.250	0.241	0.354	0.331	0.289	0.275	0.098	0.087
5	0.1250	5/16	0.312	0.302	0.442	0.415	0.361	0.344	0.114	0.102
6	0.1380	5/16	0.312	0.302	0.442	0.415	0.361	0.344	0.114	0.102
8	0.1640	11/32	0.344	0.332	0.486	0.456	0.397	0.378	0.130	0.117
10	0.1900	3/8	0.375	0.362	0.530	0.497	0.433	0.413	0.130	0.117
12	0.2160	7/16	0.438	0.423	0.619	0.581	0.505	0.482	0.161	0.148
1/4	0.2500	7/16	0.438	0.423	0.619	0.581	0.505	0.482	0.193	0.178
5/16	0.3125	9/16	0.562	0.545	0.795	0.748	0.650	0.621	0.225	0.208
3/8	0.3750	5/8	0.625	0.607	0.884	0.833	0.722	0.692	0.257	0.239

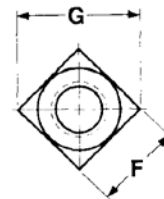
Hex Panel Nuts

Part #	Size	Across the Flats	Thickness
0202NP	1/8-27	9/16	1/8
0203NP	1/8-27	9/16	3/16
3708NP	3/8-32	1/2	3/32
3709NP	3/8-32	9/16	3/32
4603NP	15/32-32	9/16	3/32



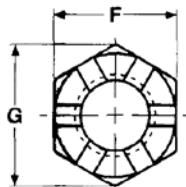
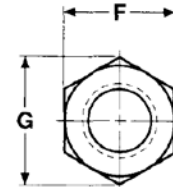
Regular Square Nuts

Nominal or Basic Major Dia. of Thread		F			G		H		
		Width Across Flats			Width Across Corners		Thickness		
							Basic	Max.	Min.
1/4	0.2500	7/16	0.438	0.425	0.619	0.584	7/32	0.235	0.203
5/16	0.3125	9/16	0.562	0.547	0.795	0.751	17/64	0.283	0.249
3/8	0.3750	5/8	0.625	0.606	0.884	0.832	21/64	0.346	0.310
7/16	0.4375	3/4	0.750	0.728	1.061	1.000	3/8	0.394	0.356
1/2	0.5000	13/16	0.812	0.788	1.149	1.082	7/16	0.458	0.418
5/8	0.6250	1	1.000	0.969	1.414	1.330	35/64	0.569	0.525
3/4	0.7500	1-1/8	1.125	1.088	1.591	1.494	21/32	0.680	0.632
7/8	0.8750	1-5/16	1.312	1.269	1.856	1.742	49/64	0.792	0.740
1	1.0000	1-1/2	1.500	1.450	2.121	1.991	7/8	0.903	0.847
1-1/4	1.2500	1-7/8	1.875	1.812	2.652	2.458	1-3/32	1.126	1.062
1-1/2	1.5000	2-1/4	2.250	2.175	3.182	2.956	1-5/16	1.348	1.276

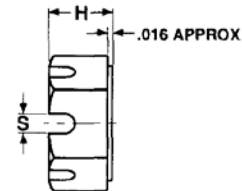


Heavy Hex Nuts

Nominal Size or Basic Major Dia. of Thread		F			G		H		
		Width Across Flats			Width Across Corners		Thickness Heavy Hex Nuts		
		Basic	Max.	Min.	Max.	Min.	Basic	Max.	Min.
1/4	0.2500	1/2	0.500	0.488	0.577	0.556	15/64	0.250	0.218
5/16	0.3125	9/16	0.562	0.546	0.650	0.622	19/64	0.314	0.280
3/8	0.3750	11/16	0.688	0.669	0.794	0.763	23/64	0.377	0.341
7/16	0.4375	3/4	0.750	0.728	0.866	0.830	27/64	0.441	0.403
1/2	0.5000	7/8	0.875	0.850	1.010	0.969	31/64	0.504	0.464
9/16	0.5625	15/16	0.938	0.909	1.083	1.037	35/64	0.568	0.526
5/8	0.6250	1-1/16	1.062	1.031	1.227	1.175	39/64	0.631	0.587
3/4	0.7500	1-1/4	1.250	1.212	1.443	1.382	47/64	0.758	0.710
7/8	0.8750	1-7/16	1.438	1.394	1.660	1.589	55/64	0.885	0.833
1	1.0000	1-5/8	1.625	1.575	1.876	1.796	63/64	1.012	0.956
1-1/8	1.1250	1-13/16	1.812	1.756	2.093	2.002	1-7/64	1.139	1.079
1-1/4	1.2500	2	2.000	1.938	2.309	2.209	1-7/32	1.251	1.187
1-3/8	1.3750	2-3/16	2.188	2.119	2.526	2.416	1-11/32	1.378	1.310
1-1/2	1.5000	2-3/8	2.375	2.300	2.742	2.622	1-15/32	1.505	1.433
1-5/8	1.6250	2-9/16	2.562	2.481	2.959	2.828	1-19/32	1.632	1.556
1-3/4	1.7500	2-3/4	2.750	2.662	3.175	3.035	1-23/32	1.759	1.679
1-7/8	1.8750	2-15/16	2.938	2.844	3.392	3.242	1-27/32	1.886	1.802
2	2.0000	3-1/8	3.125	3.025	3.608	3.449	1-31/32	2.013	1.925
2-1/4	2.2500	3-1/2	3.500	3.388	4.041	3.862	2-13/64	2.251	2.155
2-1/2	2.5000	3-7/8	3.875	3.750	4.474	4.275	2-29/64	2.505	2.401
2-3/4	2.7500	4-1/4	4.250	4.112	4.907	4.688	2-45/64	2.759	2.647
3	3.0000	4-5/8	4.625	4.475	5.340	5.102	2-61/64	3.013	2.893
3-1/4	3.2500	5	5.000	4.838	5.774	5.515	3-3/16	3.252	3.124
3-1/2	3.5000	5-3/8	5.375	5.200	6.207	5.928	3-7/16	3.506	3.370
3-3/4	3.7500	5-3/4	5.750	5.562	6.640	6.341	3-11/16	3.760	3.616
4	4.000	6-1/8	6.125	5.925	7.073	6.755	3-15/16	4.014	3.862



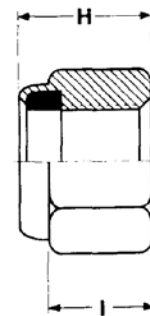
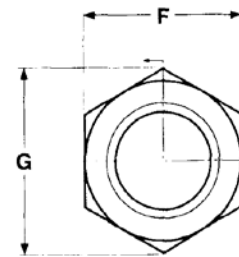
Hex Slotted Nuts



Normal Size or Basic Major Dia of Thread	F			G		H			T		S		Runout Of Bearing Surface FIM
	Width Across Flats			Width Across Corners		Thickness			Unslotted Thickness		Width of Slot		
	Basic	Max	Min	Max	Min	Basic	Max	Min	Max	Min	Max	Min	
3/8 0.3750	9/16	0.562	0.551	0.650	0.628	21/64	0.337	0.320	0.21	0.19	0.15	0.12	0.018
7/16 0.4375	11/16	0.688	0.675	0.794	0.768	3/8	0.385	0.365	0.23	0.21	0.15	0.12	0.018
1/2 0.5000	3/4	0.750	0.736	0.866	0.840	7/16	0.448	0.427	0.29	0.27	0.18	0.15	0.019
5/8 0.6250	15/16	0.938	0.922	1.083	1.051	35/64	0.559	0.535	0.34	0.32	0.24	0.18	0.021
3/4 0.7500	1-1/8	1.125	1.088	1.299	1.240	41/64	0.665	0.617	0.40	0.38	0.24	0.18	0.023
7/8 0.8750	1-5/16	1.312	1.269	1.516	1.447	3/4	0.776	0.724	0.52	0.49	0.24	0.18	0.025
1 1.0000	1-1/2	1.500	1.450	1.732	1.653	55/64	0.887	0.831	0.59	0.56	0.30	0.24	0.027
1-1/8 1.1250	1-11/16	1.688	1.631	1.949	1.859	31/32	0.999	0.939	0.64	0.61	0.33	0.24	0.030
1-1/4 1.2500	1-7/8	1.875	1.812	2.165	2.066	1-1/16	1.094	1.030	0.70	0.67	0.40	0.31	0.033
1-1/2 1.5000	2-1/4	2.250	2.175	2.598	2.480	1-9/32	1.317	1.245	0.86	0.82	0.46	0.37	0.039

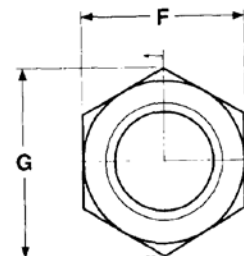
Nylon Insert Stop Nuts

Nominal Size or Basic Thread Diameter	F			H		I	G
	Width Across Flats			Thickness		Side Height	Width Across Corners
	Basic	Max.	Min.	Max.	Min.	Ref.	Ref.
4 0.1120	1/4	0.251	0.241	0.153	0.133	0.081	0.268
6 0.1380	5/16	0.313	0.302	0.188	0.168	0.103	0.399
8 0.1640	11/32	0.345	0.332	0.239	0.219	0.140	0.374
10 0.1900	3/8	0.376	0.362	0.249	0.229	0.140	0.410
1/4 0.2500	7/16	0.439	0.428	0.328	0.298	0.225	0.482
5/16 0.3125	1/2	0.502	0.489	0.359	0.329	0.250	0.552
3/8 0.3750	9/16	0.565	0.551	0.468	0.438	0.335	0.622
7/16 0.4375	11/16	0.690	0.675	0.468	0.438	0.324	0.698
1/2 0.5000	3/4	0.752	0.736	0.609	0.579	0.464	0.837
9/16 0.5625	7/8	0.877	0.861	0.656	0.626	0.469	0.978
5/8 0.6250	15/16	0.940	0.922	0.765	0.735	0.593	1.051
3/4 0.7500	1-1/8	1.127	1.088	0.890	0.860	0.742	1.191
7/8 0.8750	1-5/16	1.315	1.269	0.999	0.969	0.790	1.430
1 1.0000	1-1/2	1.502	1.450	1.078	1.061	0.825	1.615
1-1/8 1.1250	1-11/16	1.690	1.631	1.203	1.141	0.930	1.826
1-1/4 1.2500	1-7/8	1.877	1.812	1.422	1.360	1.125	2.038
1-1/2 1.5000	2-1/4	2.252	2.175	1.640	1.578	1.313	2.444

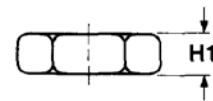
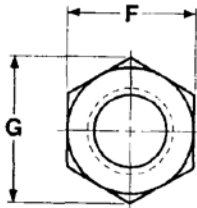


Nylon Insert Stop Nuts Thin Pattern

Nominal Size or Basic Thread Diameter	F			H		I	G
	Width Across Flats			Thickness		Side Height	Width Across Corners
	Basic	Max.	Min.	Max.	Min.	Ref.	Ref.
4 .1120	1/4	.251	.241	.124	.094	.075	.268
6 .1380	5/16	.313	.302	.140	.110	.090	.399
8 .1640	11/32	.345	.332	.187	.157	.110	.374
10 .1900	3/8	.376	.362	.187	.157	.110	.410
1/4 .2500	7/16	.439	.428	.218	.188	.125	.482
5/16 .3125	1/2	.502	.489	.265	.235	.158	.552
3/8 .3750	9/16	.565	.551	.281	.251	.150	.622
7/16 .4375	11/16	.690	.675	.328	.298	.190	.694
1/2 .5000	3/4	.752	.736	.328	.298	.225	.837
5/8 .6250	15/16	.940	.922	.406	.376	.264	1.051
3/4 .7500	1-1/8	1.127	1.088	.421	.391	.288	1.191



Finished Hex Nuts, Hex Jam and Two Way Reversible Lock Nuts



Nominal Or Basic Major Dia of Thread		F			G		H			H1		
		Width Across Flats			Width Across Corners		Thickness Hex Nuts & Reversible Lock Nuts			Thickness Hex Jam Nuts		
		Basic	Max	Min	Max	Min	Basic	Max	Min	Basic	Max	Min
8	0.1640	11/32	0.344	0.332	0.397	0.378	—	0.203	0.187	—	—	—
10	0.1900	3/8	0.375	0.362	0.433	0.413	—	0.203	0.187	—	—	—
1/4	0.2500	7/16	0.438	0.428	0.505	0.488	7/32	0.226	0.212	5/32	0.164	0.150
5/16	0.3125	1/2	0.500	0.489	0.577	0.557	17/64	0.273	0.258	3/16	0.195	0.180
3/8	0.3750	9/16	0.562	0.551	0.650	0.628	21/64	0.337	0.320	7/32	0.227	0.210
7/16	0.4375	11/16	0.688	0.675	0.794	0.768	3/8	0.385	0.365	1/4	0.260	0.240
1/2	0.5000	3/4	0.750	0.736	0.866	0.840	7/16	0.448	0.427	5/16	0.323	0.302
9/16	0.5625	7/8	0.875	0.861	1.010	0.982	31/64	0.496	0.473	5/16	0.324	0.301
5/8	0.6250	15/16	0.938	0.922	1.083	1.051	35/64	0.559	0.535	3/8	0.387	0.363
3/4	0.7500	1-1/8	1.125	1.088	1.299	1.240	41/64	0.665	0.617	27/64	0.446	0.398
7/8	0.8750	1-5/16	1.312	1.269	1.516	1.447	3/4	0.776	0.724	31/64	0.510	0.458
1	1.0000	1-1/2	1.500	1.450	1.732	1.653	55/64	0.887	0.831	35/64	0.575	0.519
1 - 1/8	1.1250	1-11/16	1.688	1.631	1.949	1.859	31/32	0.999	0.939	39/64	0.639	0.579
1 - 1/4	1.2500	1-7/8	1.875	1.812	2.165	2.066	1-1/6	1.094	1.030	23/32	0.751	0.687
1 - 3/8	1.3750	2-1/16	2.062	1.994	2.382	2.273	1-11/64	1.206	1.138	25/32	0.815	0.747
1 - 1/2	1.5000	2-1/4	2.250	2.175	2.598	2.480	1-9/32	1.317	1.245	27/32	0.880	0.808
1 - 5/8	1.6250	2-7/16	2.438	2.356	2.815	2.686	1-25/64	1.429	1.353	29/32	0.945	0.869
1 - 3/4	1.7500	2-5/8	2.625	2.538	3.031	2.893	1-1/2	1.540	1.460	31/32	1.009	0.929
2	2.0000	3	3.000	2.900	3.464	3.306	1-23/32	1.763	1.675	1-3/32	1.138	1.050
2 - 1/4	2.2500	3-3/8	3.375	3.263	3.897	3.719	1-15/16	1.986	1.890	1-7/32	1.267	1.171
2 - 1/2	2.5000	3-3/4	3.750	3.625	4.330	4.133	2-5/32	2.209	2.105	1-11/32	1.396	1.292
2 - 3/4	2.7500	4-1/8	4.125	3.988	4.763	4.546	2-3/8	2.431	2.319	1-15/32	1.525	1.413
3	3.0000	4-1/2	4.500	4.350	5.196	4.959	2-19/32	2.654	2.534	1-19/32	1.654	1.534

