

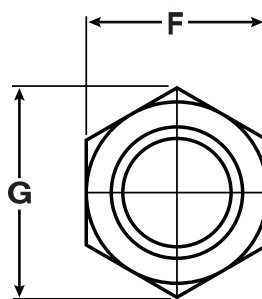
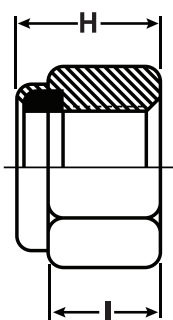


# CONQUEST

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## NE NYLON INSERT LOCKNUTS

LIGHT HEX, STANDARD PATTERN



Nominal Size or Basic Thread Diameter				F			H		I	G
		Threads per Inch		Width Across Flats			Thickness		Side Height	Width Across Corners
		Coarse	Fine	Basic	Max	Min	Max	Min	Ref	Ref
1/4"	0.2500	20	28	7/16"	0.439	0.430	0.328	0.298	0.225	0.482
5/16"	0.3125	18	24	1/2"	0.502	0.492	0.359	0.329	0.250	0.552
3/8"	0.3750	16	24	9/16"	0.564	0.553	0.468	0.438	0.335	0.622
7/16"	0.4375	14	20	5/8"	0.627	0.616	0.468	0.438	0.324	0.698
1/2"	0.5000	13	20	3/4"	0.752	0.741	0.609	0.579	0.464	0.837
9/16"	0.5625	12	18	7/8"	0.877	0.865	0.656	0.626	0.469	0.978
5/8"	0.6250	11	18	15/16"	0.940	0.928	0.765	0.735	0.593	1.051
3/4"	0.7500	10	16	1-1/8"	1.064	1.052	0.890	0.860	0.742	1.191
7/8"	0.8750	9	14	1-5/16"	1.252	1.239	0.999	0.969	0.790	1.403
1"	1.0000	8	14	1-1/2"	1.440	1.427	1.078	1.016	0.825	1.615
1-1/8"	1.1250	7	12	1-11/16"	1.627	1.614	1.203	1.141	0.930	1.826
1-1/4"	1.2500	7	12	1-7/8"	1.815	1.801	1.422	1.360	1.125	2.038
1-1/2"	1.5000	6	12	2-1/4"	2.197	2.159	1.640	1.578	1.313	2.444

Disclaimer: The above is a compilation of data, from various industry standards. Conquest Fasteners has taken every effort to present the data accurately. However Conquest Fasteners cannot be held liable for any claim traceable to any errors typographical or otherwise contained herein.

<b>Description</b>	Hex nut with a nylon-filled collar at its back end. When a screw reaches the collar, the threads and nylon for a tight, frictional fit, restricting movement of the screw when it is subjected to vibration. The nylon insert comes in various colors.
<b>Applications/ Advantages</b>	Designed to be used with like-material machine screws and bolts. It is able to be reused more times than a two-way reversible nut. Steel nylon insert stop nuts are less expensive than grade-C automation lock nuts. However, nylon will begin to deteriorate at temperatures from 150°-350° F.
<b>Material</b>	<b>Steel</b>
	<u>#2 through 5/8"</u> -- AISI 1008 - 1010 or equivalent steel; <u>3/4 through 1-1/2"</u> -- AISI C1117 or equivalent steel.
<b>Hardness</b>	Rockwell C28 maximum
<b>Proof Load</b>	90,000 psi. minimum
<b>Plating</b>	Steel nylon insert stop nuts are usually supplied with a zinc plating.