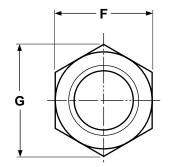
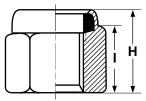
Nuts

## Nylon Insert (Elastic) Stop Nuts

Heavy Hex, Full Height





NYLON INSERT STOP NUTS, HEAVY HEX Esna®									
Nominal Size or Basic Thread Diameter		Esna <sup>®</sup> Part Numbers	F Width Across Flats		H Thickness		I	G	
		Steel, Zinc-plate					Side Height	Width Across Corners	
		Coarse	Max	Min	Max	Min	Ref	Ref	
1/4	0.2500	21NU-040	0.503	0.489	0.390	0.360	0.290	0.556	
5/16	0.3125	21NU-058	0.566	0.551	0.453	0.423	0.335	0.624	
3/8	0.3750	21NU-066	0.691	0.675	0.562	0.532	0.392	0.763	
7/16	0.4375	21NU-074	0.754	0.736	0.609	0.579	0.464	0.829	
1/2	0.5000	21NU-083	0.879	0.861	0.718	0.688	0.544	0.969	
5/8	0.6250	21NU-101	1.067	1.045	0.874	0.844	0.677	1.175	
3/4	0.7500	41NU-120	1.255	1.231	1.015	0.985	0.790	1.382	
7/8	0.8750	41NU-149	1.444	1.417	1.140	1.110	0.883	1.589	
1	1.0000	41NU-168	1.632	1.602	1.312	1.250	1.000	1.796	

Description	Heavy hex nut with a nylon-filled collar at its back end. When the cap-screw or bolt reaches the collar, the threads and nylon form a tight, frictional fit, restricting movement of the cap-screw or bolt when it is subjected to vibration. The nylon insert comes in various colors.				
Applications/ Advantages	Has greater surface area than NM-series nuts, making wrenching easier. Designed to be used with cap-screws and bolts which have a minimum tensile strength not greater than 90,000 psi Used in bridge and building construction, material handling, heavy equipment and oil field machinery. Steel nylon insert stop nuts are less expensive than grade-C automation lock nuts. Nylon insert nuts are not designed to be used at temperatures over 250° F.				
Material	<u>1/4" through 5/8"</u> AISI 1008 - 1010 or equivalent steel; <u>3/4 through 1"</u> AISI C1117 or equivalent steel.				
Hardness	Rockwell C 28 maximum				
Proof Load	90,000 psi.				
Plating	See Appendix-A for information about the plating of steel nylon-insert stop nuts.				

®Esna is a registered trademark of the MacLean-Fogg Company. Kanebridge's stop nuts are not manufactured by or connected with the producers of Esna® nuts.