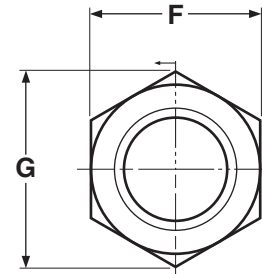
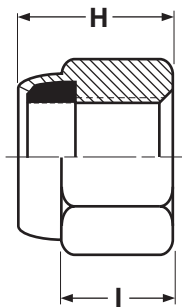


**NUTS** **DIN 985**  
**Nylon Insert Lock Nuts**



METRIC - NYLON INSERT STOP NUTS, REGULAR PATTERN, CLASS 8						DIN 985
Nominal Size	F		G	H		I
	Width Across Flats		Width Across Corners	Thickness		Wrenching Height
	Max	Min	Min	Max	Min	Min
M3	5.50	5.32	6.01	4	3.7	2.4
M4	7.00	6.78	7.66	5	4.7	2.9
M5	8.00	7.78	8.79	5	4.7	3.2
M6	10.00	9.78	11.05	6	5.7	4
M7	11.00	10.73	12.12	7.5	7.14	4.7
M8	13.00	12.73	14.38	8	7.64	5.5
M10	17.00	16.73	18.90	10	9.64	6.5
M12	19.00	18.67	21.10	12	11.57	8
M14	22.00	21.67	24.49	14	13.3	9.5
M16	24.00	23.67	26.75	16	15.3	10.5
M18	27.00	26.16	29.56	18	17.66	13
M20	30.00	29.16	32.95	20	18.7	14

<b>Description</b>	Hex nut with a metric thread pitch and a nylon-filled collar at its back end. When a screw reaches the collar, the threads and nylon form 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. It is less expensive than a Grade-C automation lock nut. Nylon insert lock nuts are designed for use in temperatures from -73°C to +120°C.	
<b>Material</b>	<i>Steel</i> <b>M3 - M16:</b> AISI 1006, 1010, 1022 or equivalent steel <b>M18 and larger:</b> AISI 1035 or equivalent steel (Class 8, style 1 nuts of a basic diameter greater than M16 are quenched and tempered).	<i>Stainless</i> <b>18-8:</b> 18-8 Stainless Steel <b>A4:</b> A4 Stainless Steel
<b>Hardness</b>	<b>Vickers HV 5:</b> 302 maximum <b>Rockwell:</b> C 30 maximum	-
<b>Proof Load</b>	800 N/mm <sup>2</sup>	<b>18-8:</b> 72,500 psi. <b>A4-70:</b> 101,570 psi.
<b>Plating</b>	DIN 985 nylon insert stop nuts are usually supplied zinc plated. See Appendix-A for more information.	-