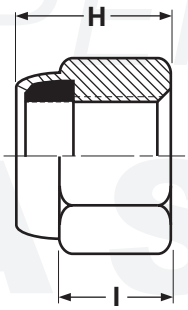
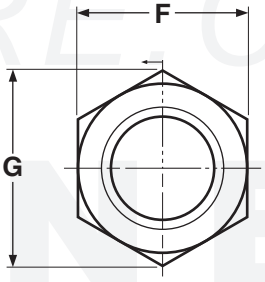
NUTS

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

Description	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.	
Applications/ Advantages	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.	
Material	*Steel*	*Stainless*
	M3 - M16: AISI 1006, 1010, 1022 or equivalent steel ***M18 and larger***: AISI 1035 or equivalent steel (Class 8, style 1 nuts of a basic diameter greater than M16 are quenched and tempered).	***18-8:*** 18-8 Stainless Steel ***A4:*** A4 Stainless Steel
Hardness	***Vickers HV 5:*** 302 maximum *Rockwell:* C 30 maximum	-
Proof Load	800 N/mm^2	***18-8:*** 72,500 psi. ***A4-70:*** 101,570 psi.
Plating	DIN 985 nylon insert stop nuts are usually supplied zinc plated. See Appendix-A for more information.	-