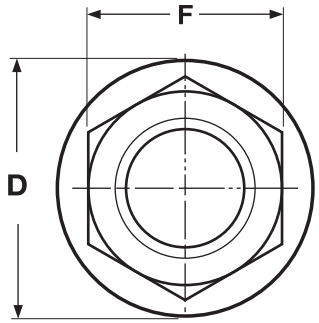
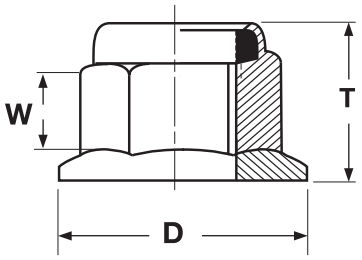
NUTS

DIN 6926 Nylon Insert Flange Style





METRIC - DIN 6926 NYLON INSERT FLANGE STOP NUTS							DIN 6926
Nominal Size	Thread Pitch	F		D	T		W
		Width Across Flats		Flange Diameter	Total Thickness		Wrenching Height
		Max	Min	Min	Max	Min	Min
M5	0.8	8	7.78	11.8	7.1	6.74	2.2
M6	1	10	9.78	14.2	9.1	8.74	3.1
M8	1.25	13	12.73	17.9	11.1	10.67	4.5
M10	1.5	15	14.73	21.8	13.5	13.07	5.5
M12	1.75	18	17.73	26	16.1	15.67	6.7
M16	2	24	23.67	34.5	20.3	19.46	9
M20	2.5	30	29.16	42.8	24.8	23.96	11.1

Description	Hex nut with a nylon-filled collar at its back end and an enlarged circular base flaring out from the front end of the nut. When an externaly threaded fastener reaches the collar, the threads and nylon form a tight, frictional fit as the nylon applies downward pressure that forces contact between the internal and external threads.	
Applications/ Advantages	The nut may be reused up to 50 times, does not damage the threads of the fastener it is used with, withstands extreme vibrations without loosening. The flange design allows the nut to span larger holes than a standard nylon insert stop nut while providing a more uniform bearing-stress to clamp-force ratio.	
Material	Class 8 metric nylon insert lock nuts shall be made of a steel which conforms to the following chemical composition-- ***Carbon***: 0.58% maximum; ***Manganese***: 0.25% minimum; ***Phosphorus***: 0.060% maximum; ***Sulfur***: 0.150% maximum. Insert is made of polyamid.	A2 Stainless Steel
Hardness	HV 195 Minimum	-
Plating	See Appendix-A for plating information	Stainless DIN 6926 nuts are typically provided without additional coating.