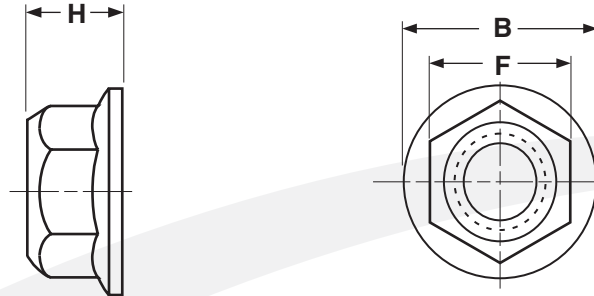


**DIN 6927 Prevailing Torque Flange
Class 10 Steel**

NUTS



DIN 6927 PREVAILING TORQUE HEX FLANGE NUTS						
Nominal Size & Thread Pitch	F		B		H	
	Width Across Flats		Flange Diameter		Overall Thickness	
	Max	Min	Max	Min	Max	Min
M6-1.0	10.00	9.78	14.2	12.2	7.3	6.8
M8-1.25	13.00	12.73	17.9	15.8	9.40	8.74
M10-1.5	15.00	14.73	21.8	19.6	11.40	10.34
M12-1.75	18.00	17.73	26	23.8	13.80	12.57
M16-2.0	24.00	23.67	34.5	31.9	18.3	17.2

Description	An all-metal, one-piece hex nut with a flange on the bottom side. The fastener derives its prevailing torque characteristics from controlled distortion of its top threads from their normal helical form to a more elliptical shape.
Applications/ Advantages	The nuts are reusable and can withstand severe vibration and shock loads. Has a low, uniform bearing stress to clamp force ratio. This style reduces inventory (by eliminating a washer) and in-place cost. It is designed to be used specifically, but not exclusively, with alloy flange bolts.
Material	Class 10 steel.
Hardness	HV 272 - 353
Plating	See Appendix-A for plating information.