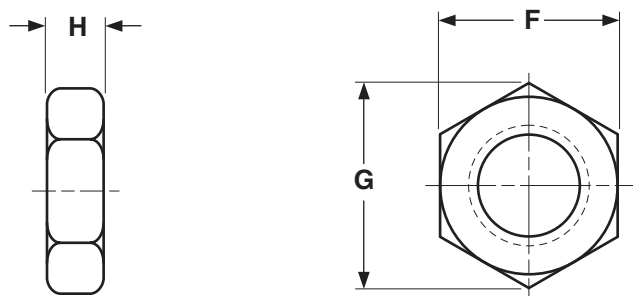


NUTS

DIN 439B  
Jam Nuts



DIN 439B HEX JAM NUTS						DIN 439B
Nominal Size	Thread Pitch	F		G	H	
		Width Across Flats		Width Across Corners	Thickness	
		Max	Min	Min	Max	Min
M3	0.5	5.5	5.32	6.01	1.8	1.55
M3.5	0.6	6	5.82	6.58	2	1.75
M4	0.7	7	6.78	7.66	2.2	1.95
M5	0.8	8	7.78	8.79	2.7	2.45
M6	1	10	9.78	11.05	3.2	2.9
M8	1.25 and 1	13	12.73	14.38	4	3.7
M10	1.5 and 1.25	17	16.73	18.90	5	4.7
M12	1.75 and 1.5	19	18.67	21.10	6	5.7
M16	2	24	23.67	26.75	8	7.42

Description	A six-sided internally threaded, fastener with a metric thread pitch. The jam nut is approximately 1/2 the thickness of a Style 2 nut. Nuts are chamfered on the top and on the bearing surface	
Applications / Advantages	Class 04 metric hex jam nuts are tightened against the work surface and a Style 1 or Style 2 hex nut is tightened against the jam nut to keep it from loosening.	Class 50 A2 stainless hex jam nuts are used in the same manner with A2 stainless screws.
Material	Class 04 hex jam nuts shall be made of a steel that conforms to the following chemical composition-- Carbon: 0.58% maximum; Manganese: 0.25% minimum; Phosphorus: 0.060% maximum; Sulfur: 0.150% maximum.	Class A2 stainless steel
Hardness	HV 188 - 302 (Rockwell B88 - C30)	-
Proof Load	380 N/mm²	72,500 psi. minimum
Plating	Jam nuts are typically furnished with a zinc plating. See Appendix-A for details.	Stainless jam nuts are typically furnished without any additional finish.