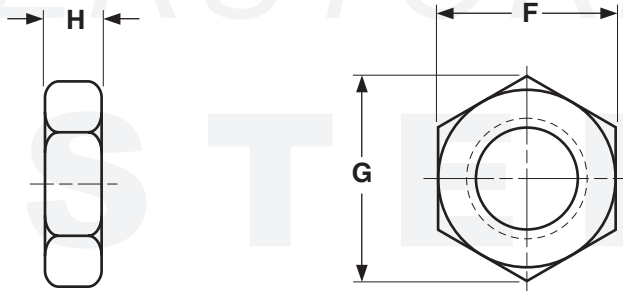


**NUTS** **DIN 439B**  
**Jam Nuts**



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	

<b>Description</b>	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	
<b>Applications / Advantages</b>	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.
<b>Material</b>	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
<b>Hardness</b>	HV 188 - 302 (Rockwell B88 - C30)	
<b>Proof Load</b>	380 N/mm <sup>2</sup>	72,500 psi. minimum
<b>Plating</b>	Jam nuts are typically furnished with a zinc plating. See Appendix-A for details.	Stainless jam nuts are typically furnished without any additional finish.