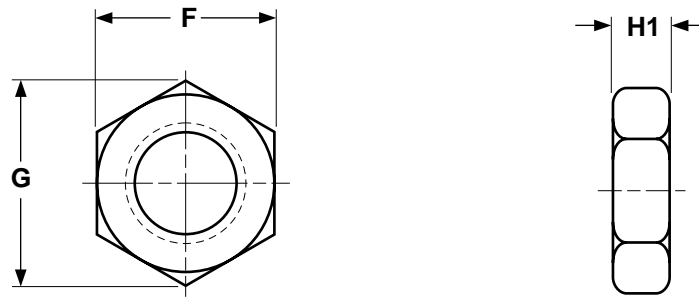


# Nuts

# METRIC

# Hex Jam



METRIC - HEX JAM NUTS							ISO 4035
Nominal Size	Thread Pitch	F		G	H		
		Width Across Flats		Width Across Corners	Thickness		
		Max	Min	Min	Max	Min	
M1.6	0.35	3.2	3.02	3.41	1	0.75	
M2	0.4	4	3.82	4.32	1.20	0.95	
M2.5	0.45	5	4.82	5.45	1.60	1.35	
M3	0.5	5.5	5.32	6.01	1.80	1.55	
M4	0.7	7	6.78	7.66	2.20	1.95	
M5	0.8	8	7.78	8.79	2.70	2.45	
M6	1	10	9.78	11.05	3.20	2.9	
M8	1.25	13	12.73	14.38	4	3.7	
M10	1.5	16	15.73	17.77	5	4.7	
M12	1.75	18	17.73	20.03	6	5.7	
M14	2	21	20.67	23.35	7	6.42	
M16	2	24	23.67	26.75	8	7.42	
M20	2.5	30	29.16	32.95	10	9.10	
M24	3	36	35	39.55	12	10.9	
M30	3.5	46	45	50.85	15	13.9	
M36	4	55	53.8	60.79	18	16.9	
M42	4.5	65	63.1	71.3	21	19.7	
M48	5	75	73.1	82.6	24	22.7	

<b>Description</b>	A six-sided internally threaded, non-heat treated fastener with a metric thread pitch that is approximately 1/2 the thickness of a Style 2 nut. Nuts M16 and smaller are chamfered on the top and the bearing surface. Nuts M18 and larger may be either double chamfered, or have a washer face on one side and a chamfered surface on the opposite side.
<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.
<b>Material</b>	Class 04 hex jam nuts shall be made of a steel which conforms to the following chemical composition-- <i>Carbon</i> : 0.58% maximum; <i>Manganese</i> : 0.25% minimum; <i>Phosphorus</i> : 0.060% maximum; <i>Sulfur</i> : 0.150% maximum.
<b>Hardness</b>	HV 188 - 302 (Rockwell B 88 - C 30)
<b>Proof Load</b>	380 N/mm <sup>2</sup>
<b>Plating</b>	See Appendix-A for plating information