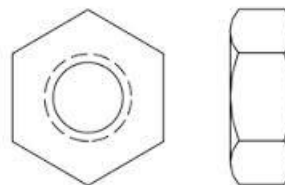


HEX JAM NUTS METRIC



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

Description	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.
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.
Material	Class 04 hex jam nuts shall be made of 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.
Hardness	HV 188 - 302 (Rockwell B 88 - C 30)
Proof Load	380 N/mm ²
Plating	See Appendix-A for plating information