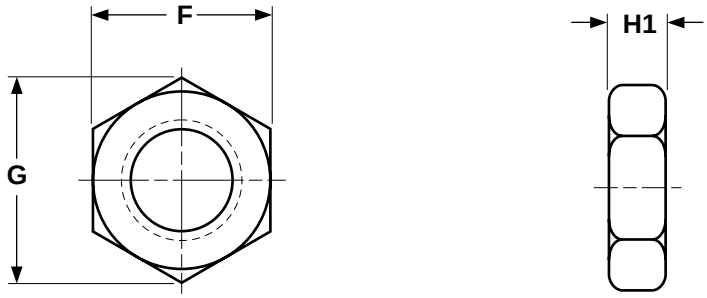
Nuts METRIC Hex Jam



METRIC - Hex Jam Nuts

ISO 4035

Nominal Size	Thread Pitch	F Width Across Flats Max	F Width Across Flats Min	G Width Across Corners Min	H Thickness Max	H Thickness 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 a steel which conforms to the following chemical composition-- *Carbon:* 0.58% maximum; *Manganese:* 0.25% minimum; *Phosphorus:* 0.060% maximum; *Sulfur:* 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

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