

METRIC NUTS

Table 31. American National Standard Metric Hex Jam Nuts and Heavy Hex Nuts
ANSI B18.2.4.5M and B18.2.4.6M-1979 (R1998)

Nominal Nut Dia. and Thread Pitch	Width Across Flats, <i>S</i>		Width Across Corners, <i>E</i>		Thickness, <i>M</i>		Bearing Face Dia., <i>D_w</i>	Washer Face Thickness, <i>C</i>	
	Max	Min	Max	Min	Max	Min	Min	Max	Min
Metric Hex Jam Nuts									
M5 × 0.8	8.00	7.78	9.24	8.79	2.70	2.45	6.9	...	...
M6 × 1	10.00	9.78	11.55	11.05	3.20	2.90	8.9	...	...
M8 × 1.25	13.00	12.73	15.01	14.38	4.00	3.70	11.6	...	...
*M10 × 1.5	15.00	14.73	17.32	16.64	5.00	4.70	13.6	...	...
M10 × 1.5	16.00	15.73	18.48	17.77	5.00	4.70	14.6	...	...
M12 × 1.75	18.00	17.73	20.78	20.03	6.00	5.70	16.6	...	...
M14 × 2	21.00	20.67	24.25	23.35	7.00	6.42	19.6	...	...
M16 × 2	24.00	23.67	27.71	26.75	8.00	7.42	22.5	...	...
M20 × 2.5	30.00	29.16	34.64	32.95	10.00	9.10	27.7	0.8	0.4
M24 × 3	36.00	35.00	41.57	39.55	12.00	10.90	33.2	0.8	0.4
M30 × 3.5	46.00	45.00	53.12	50.85	15.00	13.90	42.7	0.8	0.4
M36 × 4	55.00	53.80	63.51	60.79	18.00	16.90	51.1	0.8	0.4
Metric Heavy Hex Nuts									
M12 × 1.75	21.00	20.16	24.25	22.78	12.3	11.9	19.2	0.8	0.4
M14 × 2	24.00	23.16	27.71	26.17	14.3	13.6	22.0	0.8	0.4
M16 × 2	27.00	26.16	31.18	29.56	17.1	16.4	24.9	0.8	0.4
M20 × 2.5	34.00	33.00	39.26	37.29	20.7	19.4	31.4	0.8	0.4
M22 × 2.5	36.00	35.00	41.57	39.55	23.6	22.3	33.3	0.8	0.4
M24 × 3	41.00	40.00	47.34	45.20	24.2	22.9	38.0	0.8	0.4
M27 × 3	46.00	45.00	53.12	50.85	27.6	26.3	42.8	0.8	0.4
M30 × 3.5	50.00	49.00	57.74	55.37	30.7	29.1	46.6	0.8	0.4
M36 × 4	60.00	58.80	69.28	66.44	36.6	35.0	55.9	0.8	0.4
M42 × 4.5	70.00	67.90	80.83	77.41	42.0	40.4	64.5	1.0	0.5
M48 × 5	80.00	77.60	92.38	88.46	48.0	46.4	73.7	1.0	0.5
M56 × 5.5	90.00	87.20	103.92	99.41	56.0	54.1	82.8	1.0	0.5
M64 × 6	100.00	96.80	115.47	110.35	64.0	62.1	92.0	1.0	0.5
M72 × 6	110.00	106.40	127.02	121.30	72.0	70.1	101.1	1.2	0.6
M80 × 6	120.00	116.00	138.56	132.24	80.0	78.1	110.2	1.2	0.6
M90 × 6	135.00	130.50	155.88	148.77	90.0	87.8	124.0	1.2	0.6
M100 × 6	150.00	145.00	173.21	165.30	100.0	97.8	137.8	1.2	0.6

*This size with width across flats of 15 mm is not standard. Unless specifically ordered, M10 hex jam nuts with 16 mm width across flats will be furnished.

All dimensions are in millimeters.