

METRIC NUTS

**Table 26. American National Standard Metric Hex Nuts, Styles 1 and 2**  
*ANSI/ASME B18.2.4.1M and B18.2.4.2M-1979 (R1995)*

**IDENTIFICATION**

Nominal Nut Dia. and Thread Pitch	Width Across Flats, S		Width Across Corners, E		Thickness, M		Bearing Face Dia., Dw	Washer Face Thickness, C	
	Max	Min	Max	Min	Max	Min	Min	Max	Min
Metric Hex Nuts — Style 1									
M1.6 × 0.35	3.20	3.02	3.70	3.41	1.30	1.05	2.3	...	...
M2 × 0.4	4.00	3.82	4.62	4.32	1.60	1.35	3.1	...	...
M2.5 × 0.45	5.00	4.82	5.77	5.45	2.00	1.75	4.1	...	...
M3 × 0.5	5.50	5.32	6.35	6.01	2.40	2.15	4.6	...	...
M3.5 × 0.6	6.00	5.82	6.93	6.58	2.80	2.55	5.1	...	...
M4 × 0.7	7.00	6.78	8.08	7.66	3.20	2.90	6.0	...	...
M5 × 0.8	8.00	7.78	9.24	8.79	4.70	4.40	7.0	...	...
M6 × 1	10.00	9.78	11.55	11.05	5.20	4.90	8.9	...	...
M8 × 1.25	13.00	12.73	15.01	14.38	6.80	6.44	11.6	...	...
<sup>a</sup> M10 × 1.5	15.00	14.73	17.32	16.64	9.1	8.7	13.6	0.6	0.3
M10 × 1.5	16.00	15.73	18.48	17.77	8.40	8.04	14.6	...	...
M12 × 1.75	18.00	17.73	20.78	20.03	10.80	10.37	16.6	...	...
M14 × 2	21.00	20.67	24.25	23.36	12.80	12.10	19.4	...	...
M16 × 2	24.00	23.67	27.71	26.75	14.80	14.10	22.4	...	...
M20 × 2.5	30.00	29.16	34.64	32.95	18.00	16.90	27.9	0.8	0.4
M24 × 3	36.00	35.00	41.57	39.55	21.50	20.20	32.5	0.8	0.4
M30 × 3.5	46.00	45.00	53.12	50.85	25.60	24.30	42.5	0.8	0.4
M36 × 4	55.00	53.80	63.51	60.79	31.00	29.40	50.8	0.8	0.4
Metric Hex Nuts — Style 2									
M3 × 0.5	5.50	5.32	6.35	6.01	2.90	2.65	4.6	...	...
M3.5 × 0.6	6.00	5.82	6.93	6.58	3.30	3.00	5.1	...	...
M4 × 0.7	7.00	6.78	8.08	7.66	3.80	3.50	5.9	...	...
M5 × 0.8	8.00	7.78	9.24	8.79	5.10	4.80	6.9	...	...
M6 × 1	10.00	9.78	11.55	11.05	5.70	5.40	8.9	...	...
M8 × 1.25	13.00	12.73	15.01	14.38	7.50	7.14	11.6	...	...
<sup>a</sup> M10 × 1.5	15.00	14.73	17.32	16.64	10.0	9.6	13.6	0.6	0.3
M10 × 1.5	16.00	15.73	18.48	17.77	9.30	8.94	14.6	...	...
M12 × 1.75	18.00	17.73	20.78	20.03	12.00	11.57	16.6	...	...
M14 × 2	21.00	20.67	24.25	23.35	14.10	13.40	19.6	...	...
M16 × 2	24.00	23.67	27.71	26.75	16.40	15.70	22.5	...	...
M20 × 2.5	30.00	29.16	34.64	32.95	20.30	19.00	27.7	0.8	0.4
M24 × 3	36.00	35.00	41.57	39.55	23.90	22.60	33.2	0.8	0.4
M30 × 3.5	46.00	45.00	53.12	50.85	28.60	27.30	42.7	0.8	0.4
M36 × 4	55.00	53.80	63.51	60.79	34.70	33.10	51.1	0.8	0.4

<sup>a</sup> This size with width across flats of 15 mm is not standard. Unless specifically ordered, M10 hex nuts with 16 mm width across flats will be furnished.

All dimensions are in millimeters.