



Dimensions of ASME B18.2.4.6M Metric Heavy Hex Nuts

Nominal Nut Diameter and Thread Pitch	Width Across Flats, S		Width Across Corners, E		Thickness M		Bearing Face Diameter, Dw, Min	Washer Face Thickness, C	
	Max	Min	Max	Min	Max	Min		Max	Min
M12 x 1.75	21	20.16	24.25	22.78	12.3	11.9	19.2	0.8	0.4
M14 x 2	24	23.16	27.71	26.17	14.3	13.6	22	0.8	0.4
M16 x 2	27	26.16	31.18	29.56	17.1	16.4	24.9	0.8	0.4
M20 x 2.5	34	33	39.26	37.29	20.7	19.4	31.4	0.8	0.4
M22 x 2.5	36	35	41.57	39.55	23.6	22.3	33.3	0.8	0.4
M24 x 3	41	40	47.34	45.2	24.2	22.9	38	0.8	0.4
M27 x 3	46	45	53.12	50.85	27.6	26.3	42.8	0.8	0.4
M30 x 3.5	50	49	57.74	55.37	30.7	29.1	46.6	0.8	0.4
M36 x 4	60	58.8	69.28	66.44	36.6	35	55.9	0.8	0.4
M42 x 4.5	70	67.9	80.83	77.41	42	40.4	64.5	1	0.5
M48 x 5	80	77.6	92.38	88.46	48	46.4	73.7	1	0.5
M56 x 5.5	90	87.2	103.92	99.41	56	54.1	82.8	1	0.5
M64 x 6	100	96.8	115.47	110.35	64	62.1	92	1	0.5
M72 x 6	110	106.4	127.02	121.3	72	70	101.1	1.2	0.6
M80 x 6	120	116	138.56	132.24	80	78.1	110.2	1.2	0.6
M90 x 5.6	135	130.5	155.88	148.77	90	87.8	124	1.2	0.6
M100 x 6	150	145	173.21	165.3	100	97.8	137.8	1.2	0.6

All dimensions are in millimeters.