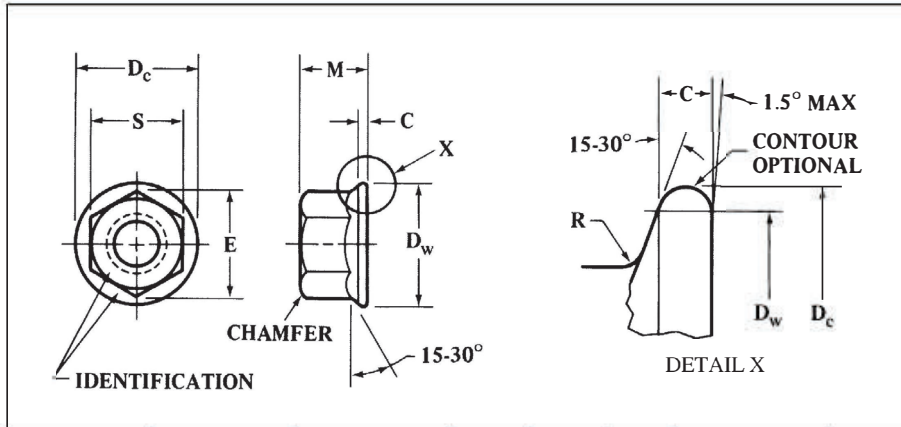


METRIC NUTS

Table 28. American National Standard Metric Hex Flange Nuts
ANSI B18.2.4M-1982 (R1999)



Nominal Nut Dia. and Thread Pitch	Width Across Flats, S		Width Across Corners, E		Flange Dia., D _c	Bearing Circle Dia., D _w	Flange Edge Thickness, C	Thickness, M		Flange Top Fillet Radius, R
	Max	Min	Max	Min				Max	Min	
M5 × 0.8	8.00	7.78	9.24	8.79	11.8	9.8	1.0	5.00	4.70	0.3
M6 × 1	10.00	9.78	11.55	11.05	14.2	12.2	1.1	6.00	5.70	0.4
M8 × 1.25	13.00	12.73	15.01	14.38	17.9	15.8	1.2	8.00	7.60	0.5
M10 × 1.5	15.00	14.73	17.32	16.64	21.8	19.6	1.5	10.00	9.60	0.6
M12 × 1.75	18.00	17.73	20.78	20.03	26.0	23.8	1.8	12.00	11.60	0.7
M14 × 2	21.00	20.67	24.25	23.35	29.9	27.6	2.1	14.00	13.30	0.9
M16 × 2	24.00	23.67	27.71	26.75	34.5	31.9	2.4	16.00	15.30	1.0
M20 × 2.5	30.00	29.16	34.64	32.95	42.8	39.9	3.0	20.00	18.90	1.2

All dimensions are in millimeters.

Types of Metric Prevailing-Torque Type Nuts.—There are three basic designs for prevailing-torque type nuts: