

AN ISO 9001:2015 CO.

METRIC HEX NUT & HEAVY HEX NUT

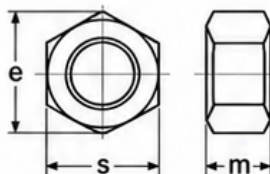
DIMENSION COMPARISON

M12 TO M36 • ALL DIMENSIONS IN mm • COARSE METRIC THREAD

1. STANDARD HEX NUTS — DIN 934 / ISO 4032 / ASME B18.2.4.1M



HEX NUT
 (DIN 934 / ISO 4032 /
 ASME B18.2.4.1M)

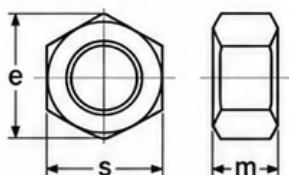


Size (M)	Pitch P	DIN 934			ISO 4032			ASME B18.2.4.1M		
		s	e	m	s	e	m	s	e	m
M12	1.75	19	21.10	10.00	18	20.03	10.80	18	20.03	10.80
M16	2.00	24	26.75	13.00	24	26.75	14.80	24	26.75	14.80
M20	2.50	30	32.95	16.00	30	32.95	18.00	30	32.95	18.00
M24	3.00	36	39.55	19.00	36	39.55	21.50	36	39.55	21.50
M27	3.00	41	45.20	22.00	41	45.20	23.80	41	45.20	23.80
M30	3.50	46	50.85	24.00	46	50.85	25.60	46	50.85	25.60
M36	4.00	55	60.79	29.00	55	60.79	31.00	55	60.79	31.00

2. HEAVY HEX NUTS — DIN 6915 / ISO 7414 / ASME B18.2.4.6M



HEAVY HEX NUT
 (DIN 6915 / ISO 7414 /
 ASME B18.2.4.6M)



Size (M)	Pitch P	DIN 6915			ISO 7414			ASME B18.2.4.6M		
		s	e	m	s	e	m	s	e (max / min)	m (max / min)
M12	1.75	22	23.91	10.00	21	22.78	10.80	21	22.78	12.3 max / 11.9 min
M16	2.00	27	29.56	13.00	27	29.56	14.80	27	31.18 / 29.56	17.1 max / 16.4 min
M20	2.50	32	35.03	16.00	34	37.29	18.00	34	39.26 / 37.29	20.7 max / 19.4 min
M24	3.00	41	45.20	19.00	41	45.20	21.50	41	47.34 / 45.20	24.2 max / 22.9 min
M27	3.00	46	50.85	22.00	46	50.85	23.80	46	53.12 / 50.85	27.5 max / 26.3 min
M30	3.50	50	55.37	24.00	50	55.37	25.60	50	57.74 / 55.37	30.7 max / 29.1 min
M36	4.00	60	66.44	29.00	60	66.44	31.00	60	69.28 / 66.44	36.6 max / 35.0 min

DIMENSION LEGEND

s = Width across flats
e = Width across corners
m = Nut thickness / height
P = Thread pitch

IMPORTANT NOTE



DIN 934 and ISO 4032 are related but not dimensionally identical for all sizes. DIN 6915 is superseded by EN 14399-4 for high-strength structural bolting; verify the exact standard and edition specified in the purchase order.

