

SHREE GURU TEG INDUSTRIES

MANUFACTURE OF:

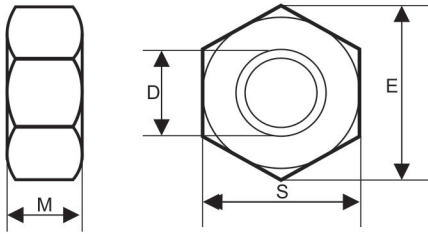
- » High Tensile Fastener
- » Hot Forging
- » Cold Forging
- » Auto Parts





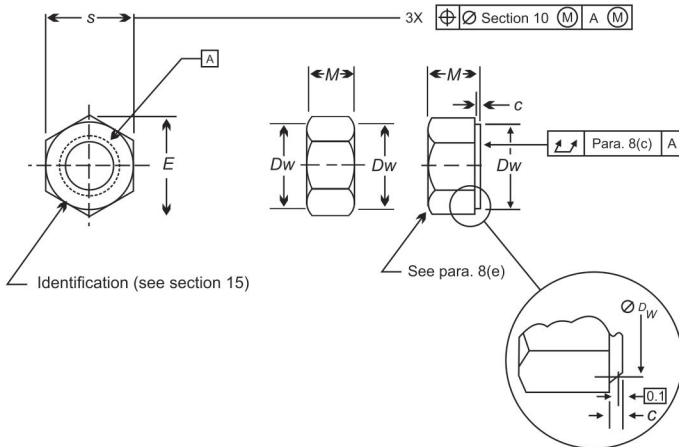
Metric DIN 934 Hexagon Nuts

Dimensions of Metric DIN 934 Hexagon nuts



Thread D		M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10	M12	M14	M16	M18
P		0.35	0.4	0.45	0.5	0.6	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5
E	min.	3.4	4.3	5.5	6.0	6.6	7.7	8.8	11.1	14.4	17.8	20.0	23.4	26.8	29.6
M	max.	1.3	1.6	2.0	2.4	2.8	3.2	4.7	5.2	6.8	8.4	10.8	12.8	14.8	15.8
	min.	1.1	1.4	1.8	2.2	2.6	2.9	4.4	4.9	6.4	8.0	10.4	12.1	14.1	15.1
S	max.	3.2	4.0	5.0	5.5	6.0	7.0	8.0	10.0	13.0	16.0	18.0	21.0	24.0	27.0
	min.	3.0	3.8	4.8	5.3	5.8	6.8	7.8	9.8	12.7	15.7	17.7	20.7	23.7	26.2

Thread D	M20	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48	M52	M56	M60	M64
P	2.5	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5	6
E	min.	33.0	37.3	39.6	45.2	50.9	55.4	60.8	66.4	71.3	77.0	82.6	88.3	93.6	104.9
M	max.	18.0	19.4	21.5	23.8	25.6	28.7	31.0	33.4	34.0	36.0	38.0	42.0	45.0	51.0
	min.	16.9	18.1	20.2	22.5	24.3	27.4	29.4	31.8	32.4	34.4	36.4	40.4	43.4	49.1
S	max.	30.0	34.0	36.0	41.0	46.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	95.0
	min.	29.2	33.0	35.0	40.0	45.0	49.0	53.8	58.8	63.1	68.1	73.1	78.1	82.8	92.8



ASME B18.2.4.6M-2010

Table 1 Dimensions of Heavy Hex Nuts

Nominal Nut Dia. and Thread Pitch	Width Across Flats, S		Width Across Corners, E		Thickness, M		Minimum Bearing Face Dia., Dw	Washer Face Thickness, C		Maximum Total Runout of Bearing Surface FIM
	Max.	Min	Max.	Min	Max.	Min		Max.	Min	
M12 x 1.75	21.00	20.16	24.25	22.78	12.3	11.9	19.2	0.8	0.4	0.38
M14 x 2	24.00	23.16	27.71	26.17	14.3	13.6	22.0	0.8	0.4	0.42
M16 x 2	27.00	26.16	31.18	29.56	17.1	16.4	24.9	0.8	0.4	0.47
M20 x 2.5	34.00	33.00	39.26	37.29	20.7	19.4	31.4	0.8	0.4	0.58
M22 x 2.5	36.00	35.00	41.57	39.55	23.6	22.3	33.3	0.8	0.4	0.63
M24 x 3	41.00	40.00	47.34	45.20	24.2	22.9	38.0	0.8	0.4	0.72
M27 x 3	46.00	45.00	53.12	50.85	27.5	26.3	42.8	0.8	0.4	0.80
M30 x 3.5	50.00	49.00	57.74	55.37	30.7	29.1	45.6	0.8	0.4	0.87
M36 x 4	60.00	58.80	69.28	66.44	36.6	35.0	55.9	0.8	0.4	1.05
M42 x 4.5	70.00	67.90	80.83	77.41	42.0	40.4	64.5	1.0	0.5	1.22
M48 x 5	80.00	77.60	92.38	88.46	48.0	46.4	73.7	1.0	0.5	1.40
M56 x 5.5	90.00	87.20	103.92	99.41	56.0	54.1	82.8	1.0	0.5	1.57
M64 x 6	100.00	96.80	115.47	110.35	64.0	62.1	92.0	1.0	0.5	1.75
M72 x 6	110.00	106.40	127.02	121.30	72.0	70.1	101.1	1.2	0.6	1.92
M80 x 6	120.00	116.00	138.56	132.24	80.0	78.1	110.2	1.2	0.6	20.9
M90 x 6	135.00	130.50	155.88	148.77	90.0	87.8	124.0	1.2	0.6	2.36
M100 x 6	150.00	145.00	173.21	165.30	100.00	97.8	137.8	1.2	0.6	2.62



Manufacture of : Nut, Bolt, Washer



Self Locking Nut



Wheel Nut



Lock Nut



Hexagon Nut



Square Weld Nut



Hex Weld Nut



Flange Nut



Automobile Check Nut



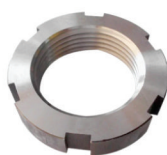
Hex Nut



Automobile Flange Nut



Prevailing Torque Nut



Check Nut



Wheel Bolt



Star Nut



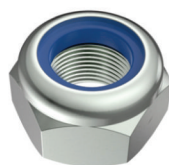
Hsfq Washer



Channel Washer



Palnut



Nylon Nut



Hexagonal Socket



Ms Forged Socket



Finishing Washer



External Tooth Lock



Pinion Nut



Hydraulic Hose Nut



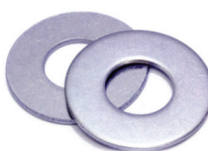
Oil Plug



Cold Forged Ring



Internal Tooth Lock



Punch Washer



Hex Head Bolt



Flange Bolt

