

Hex Head Bolts and Hex Set Screws Metric
DIN 931 / 933

Thread Size	Pitch (T.P.I.)	Hexagon A/F		Head Height		Bolt T.L.
		Min	Max	Min	Max	
M1.6	0.35	3.02	3.20	0.98*	1.22*	9.00
M2	0.4	3.82	4.00	1.28*	1.52*	10.00
M2.5	0.45	4.82	5.00	1.58*	1.82*	11.00
M3	0.5	5.32	5.50	1.88*	2.12*	12.00
M4	0.7	6.78	7.00	2.68*	2.92*	14.00
M5	0.8	7.78	8.00	3.35	3.65	16.00
M6	1.0	9.78	10.00	3.85	4.15	18.00
M7	1.0	10.73	11.00	4.65	4.95	20.00
M8	1.25	12.73	13.00	5.15	5.45	22.00
M10	1.5	16.73*	17.00*	6.22	6.58	26.00
M12	1.75	18.67*	19.00*	7.32	7.68	30.00
M14	2.0	21.67*	22.00*	8.62	8.98	34.00
M16	2.0	23.67	24.00	9.82	10.18	38.00
M18	2.5	26.67	27.00	11.28*	11.72*	42.00
M20	2.5	29.67	30.00	12.28*	12.72*	46.00
M22	2.5	31.61*	32.00*	13.78*	14.22*	50.00
M24	3.0	35.38	36.00	14.78*	15.22*	54.00
M27	3.0	40.00	41.00	16.65	17.35	60.00
M30	3.5	45.00	46.00	18.28	19.12	66.00
M33	3.5	49.00	50.00	20.58	21.42	72.00
M36	4.0	53.80	55.00	22.08	22.92	78.00
M39	4.0	58.80	60.00	24.58	25.42	84.00
M42	4.5	63.10	65.00	25.58	26.42	90.00
M48	5.0	73.10	75.00	29.58	30.42	102.00
M56	5.5	82.80	85.00	34.50	35.50	118.00
M64	6.0	92.80	95.00	39.50	40.50	134.00

* Indicates difference to ISO Spec for lengths 125mm to 200mm add 6mm to T.L. above
For lengths over 200mm add 19mm to T.L. above Head Hgt Tolerances are Din 933 (Din 931
are Reference) These dimensions are for use as guide purposes only