



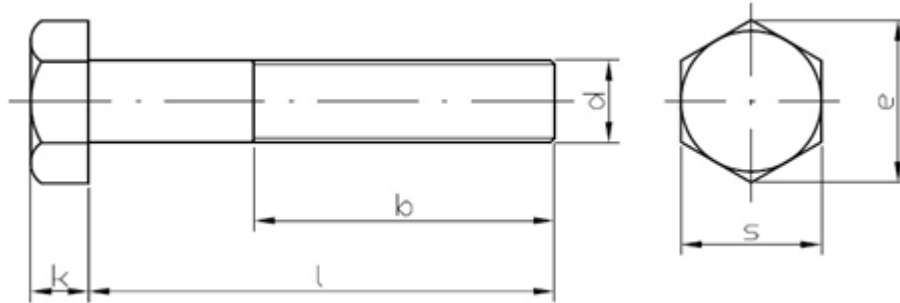
RATNAMANI INTERNATIONAL

(House of Fasteners & Turned Components)

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DIN – 931 Hex Bolt - Half Thread



Customer Information Sheet (For Reference Only)

Dimensions in MM

(d)	Pitch	(ds)		Across Flat (s)		A/C (e)	(k)	
		Min	Max	Min	Max	Min	Min	Max
2MM	0.40	1.86	2.00	3.82	4.00	4.32	1.28	1.52
2.5MM	0.45	2.36	2.50	4.82	5.00	5.45	1.58	1.82
3MM	0.50	2.86	3.00	5.32	5.50	6.01	1.88	2.12
3.5MM	0.60	3.32	3.50	5.82	6.00	6.58	2.28	2.52
4MM	0.70	3.82	4.00	6.78	7.00	7.66	2.68	2.92
5MM	0.80	4.82	5.00	7.78	8.00	8.79	3.35	3.65
6MM	1.00	5.82	6.00	9.78	10.00	11.05	3.85	4.15
8MM	1.25	7.78	8.00	12.73	13.00	14.38	5.15	5.45
10MM	1.50	9.78	10.00	16.73	17.00	18.90	6.22	6.58
12MM	1.75	11.70	12.00	18.67	19.00	21.10	7.32	7.68
14MM	2.00	13.70	14.00	21.67	22.00	24.49	8.62	8.98
16MM	2.00	15.70	16.00	23.67	24.00	26.75	9.82	10.20
18MM	2.50	17.70	18.00	26.67	27.00	30.14	11.30	11.70
20MM	2.50	19.70	20.00	29.67	30.00	33.53	12.30	12.70