



### HEXAGON HEAD BOLTS(DIN931)

Product features:

- 1) Size: M6 - M36
- 2) Length: from 60mm to 1,500mm
- 3) Grade: 8.8 and Below
- 4) Materials: Carbon Steel
- 5) Plating: ZINC / H.D.G / BLACK OXIDE / OTHER

**Table Dimensions of Hexagon Head Bolts**

Thread Size	M6	M8	M10	M12	M14	
Pitch	1	1.25	1.5	1.75	2	
b	$L_i < 125$	18	22	26	30	34
	125 to 200	24	28	32	36	40
	$L > 200$	-	-	45	49	53
k	4	5.3	6.4	7.5	8.8	
e	Grade A	11.05	14.38	18.9	21.1	24.49
	Grade B	10.89	14.20	18.72	20.88	23.91
S	10	13	17	19	22	
L	30-60	35-80	40-100	45-120	50-140	

**Table Dimensions of Hexagon Head Bolts(Continued)**

Thread Size	M16	M18	M20	M22	M24	M27	M30	
Pitch	2	2.5	2.5	2.5	3	3	3.5	
b	$L_i < 125$	38	42	46	50	54	60	66
	125 to 200	44	48	52	56	60	66	72
	$L > 200$	57	61	65	69	73	79	85
k	10	11.5	12.5	14	15	17	18.7	
e	Grade A	26.75	30.14	33.53	35.72	39.98	45.2	50.85
	Grade B	26.17	29.56	32.95	35.03	39.55	45.2	50.85
S	24	27	30	32	36	41	46	
L	55-160	65-180	65-200	70-220	80-240	90-260	90-300	

