



DIN 933 HHS

Hexagon head, hi tensile setscrews, grade 8.8 steel

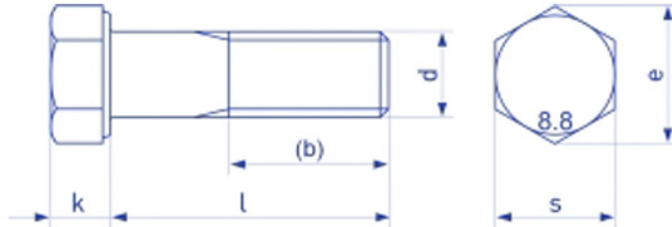


d	M 3	M 4	M 5	M 6	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24	M 27	M 30	M 33
k	2	2.8	3.5	4	5.3	6.4	7.5	8.8	10	11.5	12.5	14	15	17	18.7	21
e - min.	6.01	7.66	8.79	11.05	14.38	18.9	21.1	24.49	26.75	30.14	33.53	35.72	39.98	45.2	50.85	55.37
s	5.5	7	8	10	13	17	19	22	24	27	30	32	36	41	46	50
5	3 x 5															
6	3 x 6	4 x 6														
8	3 x 8	4 x 8	5 x 8	6 x 8												
10	3 x 10	4 x 10	5 x 10	6 x 10	8 x 10											
12	3 x 12	4 x 12	5 x 12	6 x 12	8 x 12	10 x 12										
14			5 x 14	6 x 14	8 x 14											
16	3 x 16	4 x 16	5 x 16	6 x 16	8 x 16	10 x 16	12 x 16									
18			5 x 18	6 x 18	8 x 18		12 x 18									
20	3 x 20	4 x 20	5 x 20	6 x 20	8 x 20	10 x 20	12 x 20	14 x 20	16 x 20							
22		4 x 22	5 x 22	6 x 22	8 x 22	10 x 22	12 x 22									
25	3 x 25	4 x 25	5 x 25	6 x 25	8 x 25	10 x 25	12 x 25	14 x 25	16 x 25							
30	3 x 30	4 x 30	5 x 30	6 x 30	8 x 30	10 x 30	12 x 30	14 x 30	16 x 30	18 x 30	20 x 30					
35		4 x 35	5 x 35	6 x 35	8 x 35	10 x 35	12 x 35	14 x 35	16 x 35		20 x 35					
40	3 x 40	4 x 40	5 x 40	6 x 40	8 x 40	10 x 40	12 x 40	14 x 40	16 x 40	18 x 40	20 x 40	22 x 40	24 x 40			
45		4 x 45	5 x 45	6 x 45	8 x 45	10 x 45	12 x 45	14 x 45	16 x 45	18 x 45	20 x 45		24 x 45			
50		4 x 50	5 x 50	6 x 50	8 x 50	10 x 50	12 x 50	14 x 50	16 x 50	18 x 50	20 x 50	22 x 50	24 x 50	27 x 50		
55		4 x 55	5 x 55	6 x 55	8 x 55	10 x 55	12 x 55	14 x 55	16 x 55	18 x 55	20 x 55		24 x 55			
60			5 x 60	6 x 60	8 x 60	10 x 60	12 x 60	14 x 60	16 x 60	18 x 60	20 x 60	22 x 60	24 x 60	27 x 60		
65		4 x 65		6 x 65	8 x 65	10 x 65	12 x 65	14 x 65	16 x 65		20 x 65		24 x 65		30 x 65	
70		4 x 70	5 x 70	6 x 70	8 x 70	10 x 70	12 x 70	14 x 70	16 x 70	18 x 70	20 x 70	22 x 70	24 x 70	27 x 70	30 x 70	
75				6 x 75	8 x 75	10 x 75	12 x 75		16 x 75		20 x 75		24 x 75			33 x 75
80			5 x 80	6 x 80	8 x 80	10 x 80	12 x 80	14 x 80	16 x 80	18 x 80	20 x 80	22 x 80	24 x 80	27 x 80	30 x 80	
85							12 x 85		16 x 85				24 x 85			
90				6 x 90	8 x 90	10 x 90	12 x 90	14 x 90	16 x 90	18 x 90	20 x 90		24 x 90	27 x 90	30 x 90	
100			5 x 100	6 x 100	8 x 100	10 x 100	12 x 100	14 x 100	16 x 100	18 x 100	20 x 100		24 x 100	27 x 100	30 x 100	
110					8 x 110	10 x 110	12 x 110		16 x 110		20 x 110		24 x 110		30 x 110	



DIN 931 HHB

Hexagon head, hi tensile bolts, grade 8.8 steel



d	M 3	M 4	M 5	M 6	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24	M 27	M 30	M 33
k	2	2.8	3.5	4	5.3	6.4	7.5	8.8	10	11.5	12.5	14	15	17	18.7	21
e - min.	6.01	7.66	8.79	11.05	14.38	18.9	21.1	24.49	26.75	30.14	33.53	35.72	39.98	45.2	50.85	55.37
s	5.5	7	8	10	13	17	19	22	24	27	30	32	36	41	46	50
120				6 x 120	8 x 120	10 x 120	12 x 120	14 x 120	16 x 120	18 x 120	20 x 120		24 x 120	27 x 120	30 x 120	
130						10 x 130	12 x 130		16 x 130		20 x 130		24 x 130			
140					8 x 140	10 x 140	12 x 140		16 x 140		20 x 140		24 x 140		30 x 140	
150					8 x 150	10 x 150	12 x 150		16 x 150		20 x 150		24 x 150		30 x 150	
160						10 x 160	12 x 160		16 x 160		20 x 160		24 x 160			
170									16 x 170		20 x 170					
180						10 x 180	12 x 180		16 x 180		20 x 180		24 x 180		30 x 180	
200						10 x 200	12 x 200		16 x 200		20 x 200		24 x 200			