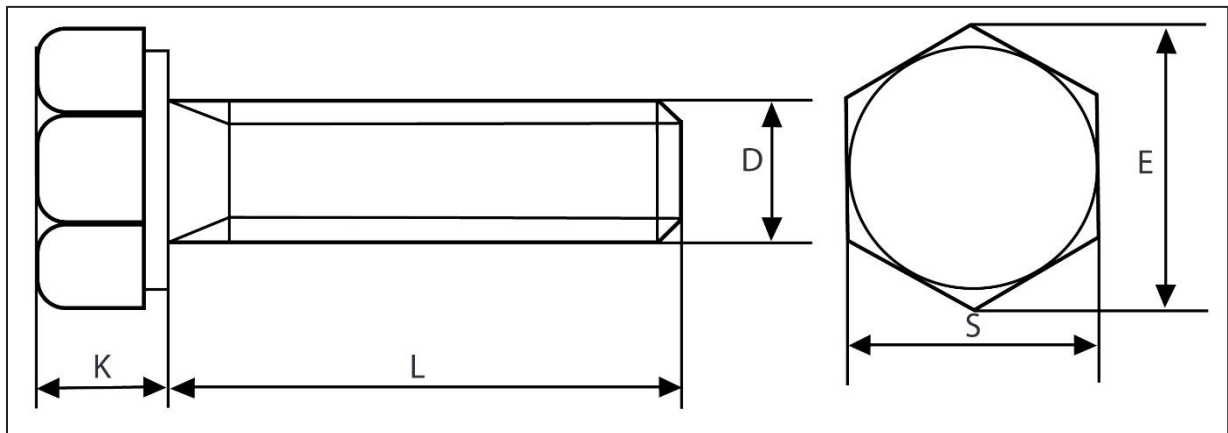




DIN 933
Hexagon Head Bolt (Fully Threaded)



Weight Chart – DIN 933 Hexagon Head Bolt (Fully Threaded)

Weight in Kg/1000 pieces

Table 1: Weight Chart – M3 to M14

L	M3	M4	M5	M6	M8	M10	M12	M14
4	0.48							
5	0.53	1.26						
6	0.57	1.33	2.18	3.40				
7	0.61	1.41	2.28	3.57				
8	0.66	1.49	2.38	3.74	8.50	15.20		
10	0.75	1.64	2.63	4.08	9.10	16.20	23.30	38
12	0.84	1.80	2.87	4.42	9.80	17.20	25	40
14	0.92	1.95	3.12	4.76	10.50	18.20	26.40	42
16	1.00	2.10	3.37	5.11	11.10	19.20	27.70	44
18	1.09	2.25	3.62	5.45	11.70	20.20	29.10	46
20	1.18	2.41	3.87	5.80	12.30	21.20	31	48
22	1.27	2.56	4.12	6.15	12.90	22.20	33	50
25	1.40	2.80	4.49	6.65	13.90	23.70	34.10	53
28	1.52	3.04	4.86	7.15	14.90	25.20	36.20	55.90
30	1.61	3.19	5.11	7.51	15.50	26.20	37.70	57.90
35		3.57	5.73	8.37	17.10	28.70	41.30	62.90
40		3.96	6.35	9.23	18.70	31.20	44.90	67.90
45		4.34	6.99	10.10	20.30	33.70	48.50	72.90
50		4.73	7.59	11.00	21.80	36.20	52	77.90
55		5.12	8.21	11.90	23.40	38.70	55.60	82.80
60		5.50	8.83	12.70	25.00	41.30	58.20	87.80
65		5.89	9.45	13.60	26.60	43.80	62.80	92.80
70		6.28	10.10	14.40	28.20	46.30	66.40	97.90
75			10.70	15.30	29.80	48.80	70	102
80			11.30	16.20	31.40	51.30	73.60	107
85					33	53.80	77.20	112
90					34.60	56.30	80.80	117
95					35.20	59.80	84.40	122
100					37.70	61.30	88	127
110					40.90	66.40	95.20	137
120						71.40	102	147
130						76.40	109	157
140						81.40	116	167
150						86.40	123	177

Table 2: Weight Chart – M16 to M48

L	M16	M18	M20	M22	M24	M30	M36	M48
12	52.90							
14	55.60							
16	58.30	82	105	133	173			
18	60.90	84.90	110	137	178			
20	63.50	87.20	114	143	184			
22	66.20	92.20	119	148	190			
25	70.20	95.80	124	155	199			
28	74.20	100	129	161	200			
30	76.90	104	134	168	214			
35	83.50	112	145	181	229	424	670	
40	90.20	120	155	193	244	448	714	1590
45	97.10	128	165	206	259	472	748	1650
50	103	136	176	219	274	496	783	1710
55	110	145	186	232	289	519	817	1770
60	117	153	196	244	304	543	851	1830
65	123	161	207	257	319	566	886	1890
70	130	169	217	269	334	590	910	1950
75	137	177	227	282	348	614	950	2010
80	144	186	238	295	363	637	990	2080
85	150	194	247	308	378	661	1020	2140
90	157	202	258	321	393	685	1060	2200
95	164	210	268	333	408	708	1100	2260
100	170	218	279	346	423	732	1140	2320
110	184	235	300	371	453	779	1200	2450
120	197	251	320	397	483	827	1260	2570
130	210	268	340	421	513	874	1330	2690
140	224	284	361	448	543	921	1400	2820
150	237	300	381	473	572	969	1470	2940
160		316	402	498	602	1010	1540	3060
170		332	422	523	632	1060	1610	3180
180		348	442	548	662	1110	1680	3310
190		364	462	573	692	1160	1740	3430
200		380	484	598	722	1210	1810	3560