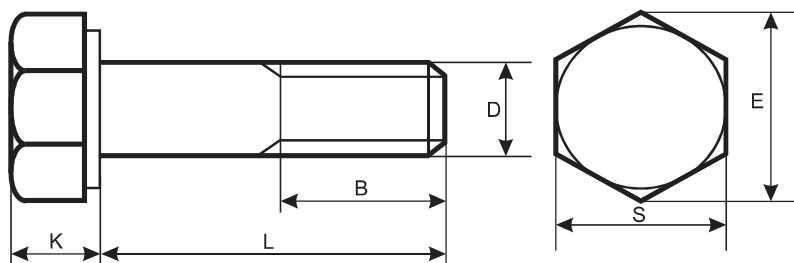


DIN 931 EXAGON HEAD BOLT



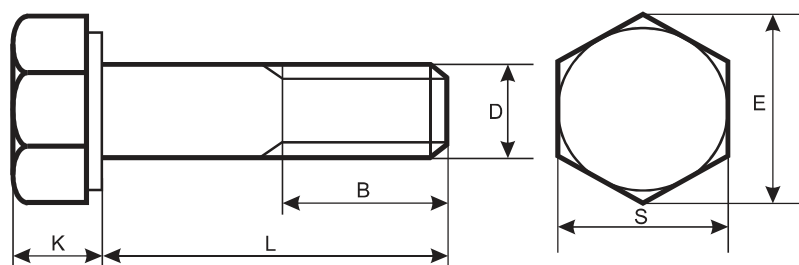
D	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
S	7	8	10	13	17	19	22	24	27	30	32	36
E	7.74	8.87	11.05	14.38	18.90	21.10	24.49	26.75	30.14	33.14	35.72	39.98
K	2.8	3.5	4	5.5	7	8	9	10	12	13	14	15
B	FULLY THREADED											
	14	16	18	22	26	30	34	38	42	46	50	54
	-	22	24	28	32	36	40	44	48	52	56	60
L mm	Weights in kg per 1000 pieces											
8	3.12											
10												
12												
16												
20												
25		5.64	8.06	18.2	35.0	53.6	82.2	115				
30												
35		6.42	9.13									
40		7.20	10.2	20.7								
45		7.98	11.3	22.2	38.0							
50		8.76	12.3	24.2	41.1	58.1						
55		9.54	13.4	25.8	43.8	62.6	88.3					
60		10.3	14.4	29.8	46.9	67.0	94.3	123	161			
65		11.1	15.5	29.8	50.0	70.3	100	131	171	219		
70		11.9	16.5	31.8	53.1	74.7	106	139	181	231	281	
75		12.7	17.6	33.7	56.2	79.1	112	147	191	243	296	264
80	13.5	18.6	35.7	62.3	83.6	118	155	201	255	311	382	
90												
100												
110												
120					90.0	118	165	218	280	351	430	535
130					96.2	127	175	230	295	365	450	560
140					102	136	187	246	315	389	480	595
150					108	145	199	262	335	423	510	630

X

Y

Z

DIN 931(BIG DIAMETERS) EXAGON HEAD BOLT PARTIALLY TREADED



D		M27	M30	M33	M36	M39	M42	M45	M48
S		41	46	50	55	60	65	70	75
E		45.63	51.28	55.80	61.31	66.96	72.61	78.26	83.91
K		17	19	21	23	25	26	28	30
B	X	60	66	72	78	84	90	96	102
	Y	66	72	78	84	90	96	102	108
	Z	79	85	91	97	103	109	115	121
L mm		Weights in kg per 1000 pieces							
X	80	511							
	90	557	712						
	100	603	767	951					
	110	650	823	1020	1250	1510			
Y	120	695	880	1090	1330	1590	1900	2260	
	130	720	920	1150	1400	1650	1980	2350	2780
	140	765	975	1220	1480	1740	2090	2480	2920
	150	810	1030	1290	1560	1830	2200	2600	3010
	160	855	1090	1350	1640	1930	2310	2730	3160
	180	945	1200	1480	1900	2120	2520	2980	3440
	200	1030	1310	1610	2060	2310	2740	3220	3720
	220	1130	1420	1750	2220	2500	2960	3470	4010
	240		1530	1880	2380	2700	3180	3720	4290
	260		1640	2020	2540	2900	3400	3970	4570
Z	280		1750	2160	2700	3100	3620	4220	1850
	300		1860	2300	2860	3300	3840	4470	5130