

WEIGHT AND COUNT CHART

MF FASTENER INDUSTRIES LLC

M.S HEX FULL THREAD BOLTS WITHOUT NUTS

MM THREADS AS PER IS 1363/67

APPROXIMATE WEIGHT IN KGS FOR 100 NOS.

LENGTH	D I A M E T E R												
	M 1.6	M 2	M 2.5	M 2.6	M 3	M 3.5	M 4	M 5	M 6	M 7	M 8	M 10	M 12
3 mm	0.011	0.02	0.037	0.038									
4 mm	0.012	0.021	0.04	0.041	0.048								
5 mm	0.013	0.023	0.043	0.044	0.053	0.084	0.126						
6 mm	0.014	0.025	0.046	0.047	0.057	0.09	0.133	0.218	0.34	0.543			
8 mm	0.016	0.029	0.052	0.054	0.066	0.102	0.149	0.238	0.374	0.593	0.855		
10 mm	0.018	0.033	0.058	0.06	0.075	0.114	0.164	0.263	0.408	0.643	0.91		
12 mm	0.02	0.036	0.064	0.067	0.084	0.126	0.18	0.287	0.442	0.692	0.98	1.92	2.741
16 mm		0.042	0.076	0.081	0.1	0.15	0.21	0.337	0.511	0.786	1.11	2.12	3.021
20 mm			0.088	0.093	0.118	0.173	0.241	0.387	0.58	0.891	1.23	2.32	3.3
25 mm			0.102	0.109	0.14	0.203	0.28	0.449	0.665	1.01	1.39	2.571	3.66
30 mm							0.319	0.511	0.751	1.14	1.55	2.82	4.023
35 mm							0.357	0.573	0.837	1.26	1.711	3.071	4.382
40 mm							0.396	0.635	0.923	1.39	1.871	3.32	4.744
45 mm							0.434	0.699	1.01	1.51	2.03	3.571	5.102
50 mm							0.473	0.759	1.1	1.64	2.181	3.823	5.453
55 mm							0.512	0.821	1.19	1.761	2.341	4.072	5.814
60 mm							0.55	0.883	1.27	1.88	2.5	4.333	6.173
65 mm							0.589	0.945	1.36	2.01	2.661	4.583	6.536
70 mm							0.628	1.01	1.44	2.13	2.82	4.831	6.897
75 mm								1.07	1.53	2.26	2.982	5.081	7.257
80 mm								1.13	1.62	2.381	3.141	5.33	7.61
85 mm									1.7	2.51	3.3	5.58	7.974
90 mm									1.79	2.63	3.46	5.834	8.333
100 mm									1.961	2.88	3.771	6.337	9.058
110 mm									2.128		4.092	6.849	9.785
120 mm									2.5		4.464	7.342	10.504
130 mm									2.632		4.808	7.849	11.211
140 mm									2.778		5.102	8.347	11.905
150 mm									2.941		5.376	8.85	12.626
160 mm												9.009	12.987
170 mm												9.346	13.889
180 mm												10.204	14.706
190 mm													15.385
200 mm												11.111	16.129
220 mm													17.668
250 mm												13.699	20
300 mm													22.936

MM THREADS AS PER IS 1363/67 CONTD

APPROXIMATE WEIGHT IN KGS FOR 100 NOS.

LENGTH	D I A M E T E R														
	M 14	M 16	M 18	M 20	M 22	M 24	M 27	M 30	M 33	M 36	M 39	M 42	M 45	M 48	M 52
25 mm	5.302	7.022	9.653	12.626											
30 mm	5.794	7.692	10.504	13.624											
35 mm	6.297	8.361	11.312	14.706	18.116										
40 mm	6.793	9.025	12.107	15.723	19.305	24.51									
45 mm	7.299	9.728	12.92	16.722	20.661	25.907									
50 mm	7.8	10.309	13.736	17.857	21.93	27.473	37.879	50	63.291						
55 mm	8.292	11.013	14.62	18.868	23.256	28.902	40	52.083	66.667						
60 mm	8.787	11.71	15.432	19.92	24.51	30.488	41.667	54.348	69.444	86.207	108.696	128.205	156.25	185.185	227.273
65 mm	9.294	12.315	16.234	20.921	25.773	32.051	43.86	56.818	72.464	90.909	111.111	131.579	161.29	192.308	238.095
70 mm	9.785	13.021	17.007	21.93	27.027	33.557	45.455	59.524	74.627	94.34	116.279	138.889	166.667	200	250
75 mm	10.204	13.736	17.857	22.936	28.249	34.965	47.619	61.728	78.125	98.039	121.951	142.857	172.414	208.333	250
80 mm	10.707	14.409	18.727	24.038	29.586	36.496	49.505	64.103	80.645	100	125	147.059	178.571	208.333	263.158
85 mm	11.211	15.015	19.531	25	30.864	37.879	51.546	66.667	84.746	104.167	128.205	151.515	185.185	217.391	263.158
90 mm	11.71	15.723	20.325	26.042	32.258	39.37	53.191	69.444	87.719	108.696	135.135	156.25	192.308	227.273	277.778
100 mm	12.723	17.007	21.93	28.249	34.722	42.373	57.471	73.529	92.593	116.279	142.857	166.667	200	238.095	294.118
110 mm	13.736	18.45	23.697	30.303	37.313	45.455	60.976	78.125	98.039	121.951	151.515	178.571	217.391	250	312.5
120 mm	14.706	19.763	25.253	32.258	40	48.544	64.935	83.333	104.167	128.205	156.25	185.185	227.273	263.158	312.5
130 mm	15.723	21.008	27.027	34.483	42.373	51.546	69.444	87.719	111.111	135.135	166.667	200	238.095	277.778	333.333
140 mm	16.722	22.422	28.571	36.496	45.045	54.348	72.464	92.593	116.279	142.857	178.571	208.333	250	294.118	357.143
150 mm	17.73	23.81	30.12	38.462	47.619	57.471	76.923	98.039	121.951	151.515	185.185	217.391	263.158	294.118	357.143
160 mm		25.253	31.847	40.65	50	60.241	80.645	102.041	128.205	156.25	192.308	227.273	263.158	312.5	384.615
170 mm		26.738	33.333	42.735	52.632	63.291	84.746	106.383	135.135	166.667	200	238.095	277.778	333.333	416.667
180 mm		27.624	34.965	44.643	54.945	67.568	87.719	111.111	142.857	172.414	208.333	250	294.118	333.333	416.667
190 mm		29.07	36.765	46.729	57.471	69.444	92.593	116.279	147.059	178.571	217.391	250	312.5	357.143	416.667
200 mm		29.762	38.168	48.544	60.241	72.464	96.154	121.951	151.515	185.185	227.273	263.158	312.5	357.143	454.545
220 mm			33.333		53.763		80.645		131.579						
250 mm			36.496		58.824		87.719		142.857						
300 mm			43.86		70.423		102.041		166.667						

BSW THREADS AS PER BS 916/53

APPROXIMATE WEIGHT IN KGS FOR 100 NOS.

LENGTH	D I A M E T E R													
	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1.1/8"	1.1/4"	1.1/2"	2"
1/4"	0.191													
3/8"	0.221	0.5												
1/2"	0.259	0.556	0.909											
5/8"	0.284	0.625	1	1.538										
3/4"	0.318	0.685	1.119	1.695	2.801	4.032								
1"	0.365	0.816	1.293	2.064	3.253	4.464	7.813							
1.1/4"	0.45	0.934	1.478	2.34	3.6	4.955	8.591	13.699	18.727					
1.1/2"	0.51	1.052	1.664	2.618	3.968	5.453	9.381	14.837	20.408	28.736				
1.3/4"	0.549	1.17	1.85	2.895	4.374	5.945	10.163	16.026	22.124	30.864				
2"	0.61	1.288	2.037	3.171	4.748	6.443	10.917	17.182	23.697	32.68				
2.1/4"	0.685	1.406	2.221	3.446	5.128	6.944	11.71	18.315	25.126	34.722				
2.1/2"	0.758	1.524	2.408	3.726	5.501	7.44	12.469	19.455	26.738	37.037		66.667		
3"	0.877	1.76	2.781	4.277	6.25	8.446	14.045	21.834	29.94	40.984	54.945	71.429	113.636	
3.1/2"	0.98	1.996	3.151	4.831	6.993	9.434	15.625	24.155	33.784	45.045	60.976	78.125		
4"	1.087	2.232	3.526	5.382	7.74	10.438	17.182	26.455	35.714	49.505	67.568	84.746	135.135	250
4.1/2"		2.468	3.894	5.938	8.489	11.416	18.727	28.902	39.37	53.191	72.464	90.909		
5"		2.7	4.259	6.485	9.242	12.407	20.325	31.25	43.103	57.471	78.125	98.039	156.25	294.118
6"		3.165	4.995	7.599	10.73	14.409	23.364	35.714	49.505	65.789	89.286	113.636	172.414	333.333
7"				8.85		16.667	26.596	40	56.18	73.529		128.205		
8"				9.901		18.657	29.412	45.045	62.5	81.967		142.857	217.391	416.667
9"				11.111		20.408	32.468	49.505	68.493	89.286		151.515		
10"				12.048		22.422	36.232	53.763	74.627	98.039		161.29		500
11"						24.272	39.37	58.824	79.365	106.383		178.571		
12"						26.455	42.735	64.935	84.746	113.636		192.308		

