



WEIGHT AND COUNT CHART

MF FASTENER INDUSTRIES LLC

M.S HEX FULL THREAD BOLTS WITH NUTS



MM THREADS AS PER IS 1363/67

APPROX WEIGHT IN KGS FOR 100 NOS.

LENGTH	D I A M E T E R											
	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 10	M 12	M 14	M 16	M 18
3 mm	0.031											
4 mm	0.032	0.081										
5 mm	0.034	0.086	0.194									
6 mm	0.036	0.09	0.201	0.329	0.572	0.837						
8 mm	0.04	0.099	0.217	0.349	0.606	0.887	1.338					
10 mm	0.044	0.108	0.232	0.374	0.64	0.937	1.392					
12 mm	0.047	0.117	0.248	0.398	0.674	0.986	1.462	2.943	4.337			
16 mm	0.053	0.133	0.278	0.448	0.743	1.08	1.593	3.143	4.617			
20 mm		0.151	0.309	0.498	0.812	1.185	1.712	3.342	4.897			
25 mm		0.173	0.348	0.56	0.897	1.304	1.873	3.595	5.258	7.716	10.121	14.124
30 mm			0.387	0.622	0.983	1.435	2.033	3.843	5.618	8.21	10.799	15.015
35 mm			0.425	0.684	1.069	1.555	2.194	4.095	5.981	8.711	11.468	15.823
40 mm			0.464	0.746	1.155	1.685	2.354	4.344	6.345	9.208	12.136	16.611
45 mm			0.502	0.81	1.243	1.805	2.514	4.596	6.702	9.728	12.853	17.422
50 mm			0.541	0.87	1.333	1.935	2.664	4.85	7.052	10.225	13.441	18.248
55 mm			0.58	0.932	1.422	2.056	2.825	5.097	7.418	10.707	14.124	19.157
60 mm			0.618	0.994	1.502	2.176	2.983	5.359	7.776	11.211	14.837	19.92
65 mm			0.657	1.056	1.593	2.305	3.145	5.612	8.143	11.71	15.432	20.747
70 mm			0.696	1.121	1.673	2.426	3.305	5.855	8.503	12.225	16.129	21.552
75 mm				1.181	1.763	2.556	3.465	6.112	8.865	12.626	16.892	22.422
80 mm				1.242	1.853	2.677	3.626	6.361	9.225	13.158	17.544	23.256
85 mm					1.933	2.806	3.785	6.614	9.579	13.661	18.182	24.038
90 mm					2.023	2.926	3.946	6.868	9.94	14.164	18.868	24.876
100 mm					2.194	3.177	4.255	7.364	10.661	15.152	20.161	26.455
110 mm					2.361		4.579	7.886	11.39	16.181	21.645	28.249
120 mm					2.734		4.95	8.375	12.136	17.182	22.936	29.94
130 mm					2.865		5.297	8.881	12.821	18.182	24.155	31.646
140 mm					3.012		5.593	9.381	13.514	19.231	25.641	33.333
150 mm					3.175		5.869	9.881	14.245	20.243	27.027	34.722
160 mm								10.04	14.62		28.571	36.496
170 mm								10.395	15.528		29.94	38.168
180 mm								11.261	16.34		30.864	39.683
190 mm									17.007		32.258	41.667
200 mm								12.165	17.794		33.113	43.103
225 mm									19.305		36.765	
250 mm								14.749	21.645		40	
260 mm												
280 mm												
300 mm									24.631		47.17	



MM THREADS AS PER IS 1363/67 CONTD

APPROX WEIGHT IN KGS FOR 100 NOS.

LENGTH	D I A M E T E R											
	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	18.727											
30 mm	19.763											
35 mm	20.833	25.381										
40 mm	21.834	26.596	34.965									
45 mm	22.831	27.933	36.496									
50 mm	24.038	29.24	38.168	53.763	72.464	92.593						
55 mm	25	30.675	39.37	56.18	74.627	96.154						
60 mm	26.042	31.847	40.984	57.471	76.923	98.039	125	161.29	185.185		277.778	
65 mm	27.027	33.113	42.735	60.241	79.365	102.041	131.579	161.29	192.308	238.095		357.143
70 mm	28.09	34.483	44.248	61.728	81.967	104.167	135.135	166.667			294.118	
75 mm	29.07	35.714	45.872	64.103	84.746	108.696	138.889	178.571	200	250		
80 mm	30.303	37.037	47.17	65.789	87.719	111.111	142.857	178.571				
85 mm	31.25	38.168	48.544	67.568	89.286	113.636	147.059	185.185	208.333	263.158	312.5	384.615
90 mm	32.258	39.683	50	69.444	92.593	116.279	151.515	192.308	217.391			
100 mm	34.483	42.373	53.191	73.529	96.154	121.951	156.25	200	227.273	277.778	333.333	416.667
110 mm	36.496	45.045	56.18	78.125	102.041	128.205	166.667	208.333	238.095	294.118		
120 mm	38.462	47.619	59.524	81.967	106.383	135.135	172.414	208.333	250		357.143	
130 mm	40.984	50	62.5	86.207	111.111	142.857	178.571	227.273		312.5	384.615	454.545
140 mm	42.735	52.632	65.789	89.286	116.279	147.059	185.185	238.095	263.158	333.333		
150 mm	45.045	55.556	68.493	94.34	121.951	151.515	192.308	250	277.778			
160 mm	47.17	57.471	71.429	98.039	128.205	161.29	200	250			416.667	500
170 mm	49.02	60.241	74.627	102.041	131.579	166.667	208.333	263.158	294.118	357.143		
180 mm	51.02	62.5	79.365	106.383	135.135	178.571	217.391	263.158				555.556
190 mm	53.191	65.789	80.645	111.111	142.857	178.571	227.273	277.778	312.5			
200 mm	54.945	68.493	84.746	113.636	147.059	185.185	227.273	294.118	333.333	384.615	454.545	625
225 mm	60.241		92.593		156.25							
250 mm	65.789		100		172.414							
300 mm	78.125		113.636		192.308							

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"	0.324													
3/8"	0.354	0.823												
1/2"	0.392	0.878	1.42											
5/8"	0.417	0.948	1.511	2.356										
3/4"	0.452	1.008	1.629	2.513	4.195	6.266								
1"	0.498	1.139	1.804	2.882	4.647	6.693	12.195							
1.1/4"	0.583	1.257	1.99	3.159	4.995	7.184	12.987	21.008	27.473					
1.1/2"	0.643	1.375	2.176	3.436	5.365	7.692	13.774	22.124	29.24	42.017				
1.3/4"	0.683	1.493	2.362	3.715	5.767	8.183	14.535	23.364	30.864	44.248				
2"	0.743	1.611	2.548	3.99	6.143	8.681	15.291	24.51	32.468	46.296				
2.1/4"	0.818	1.73	2.732	4.266	6.527	9.191	16.129	25.641	34.014	48.077				
2.1/2"	0.891	1.848	2.921	4.545	6.897	9.69	16.892	26.738	35.714	50.505		94.34		
3"	1.01	2.083	3.294	5.097	7.645	10.684	18.45	29.24	38.76	54.348	74.627	100	166.667	
3.1/2"	1.114	2.32	3.663	5.656	8.389	11.682	20.08	31.447	42.735	58.824	80.645	106.383		
4"	1.22	2.556	4.039	6.203	9.141	12.69	21.645	33.784	44.643	63.291	87.719	113.636	185.185	357.143
4.1/2"		2.792	4.409	6.766	9.901	13.661	23.148	36.232	48.544	66.667	92.593	119.048		
5"		3.025	4.776	7.31	10.661	14.663	24.752	38.76	52.083	71.429	98.039	128.205	208.333	416.667
6"		3.489	5.513	8.432	12.136	16.667	27.933	43.103	58.824	80.645	108.696	142.857	227.273	454.545
7"				9.69		18.939	31.056	47.619	65.789	87.719		161.29		
8"				10.73		21.008	34.014	52.632	72.464	96.154		172.414	277.778	555.556
9"				11.962		22.727	37.037	57.471	78.125	104.167		185.185		
10"				12.887		24.752	40.984	61.728	84.746	113.636		192.308		625
11"						26.596	44.248	66.667	89.286	121.951		217.391		
12"						28.902	47.619	73.529	94.34	131.579		227.273		