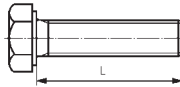


**MARYLAND METRICS**  
P.O.Box 261 Owings Mills, MD 21117 USA  
(410)358-3130 (800)638-1830 Faxes: (410)358-3142 (800)872-9329  
<http://mdmetric.com> [techinfo@mdmetric.com](mailto:techinfo@mdmetric.com)  
**TECHNICAL INFORMATION and DATA**

Hex head screws  
fully threaded

Weights in kg / 100 pieces



Weights have been calculated for steel:  
– Brass screws weigh about 1,08 times these values  
– Aluminium screws weigh about 0,35 times these values  
– Polyamid screws weigh about 0,15 times these values

ISO 4017 / DIN 933

L	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	M 36	M 39	M 42	M 45	M 48	L	
5	0,063	0,131	0,213																				5
6	0,067	0,139	0,225	0,375																			6
8	0,076	0,154	0,250	0,410	0,880																		8
10	0,085	0,170	0,275	0,445	0,944	1,870																	10
12	0,093	0,185	0,299	0,480	1,010	1,970	2,820																12
14	0,102	0,201	0,324	0,516	1,070	2,070	2,960	4,330															14
16	0,111	0,216	0,349	0,551	1,140	2,170	3,110	4,530	6,010														16
18	0,120	0,232	0,374	0,586	1,200	2,270	3,250	4,720	6,280	8,880													18
20	0,129	0,247	0,398	0,622	1,260	2,370	3,400	4,920	6,550	9,210	12,10												20
22	0,138	0,263	0,423	0,657	1,330	2,470	3,550	5,120	6,810	9,540	12,50	15,30											22
25	0,151	0,286	0,460	0,710	1,420	2,620	3,760	5,420	7,210	10,00	13,10	16,10	20,60										25
28	0,164	0,309	0,497	0,763	1,520	2,770	3,980	5,720	7,610	10,50	13,70	16,80	21,50	30,10									28
30	0,173	0,325	0,522	0,798	1,580	2,870	4,130	5,920	7,880	10,90	14,10	17,40	22,10	30,90	41,30								30
35	0,195	0,363	0,584	0,886	1,740	3,120	4,490	6,420	8,550	11,70	15,20	18,60	23,60	32,80	43,70	55,80	71,00						35
40	0,217	0,402	0,646	0,975	1,900	3,370	4,850	6,910	9,210	12,50	16,20	19,90	25,10	34,70	46,10	58,70	74,50	93,40	112,0				40
45		0,441	0,708	1,060	2,060	3,620	5,220	7,410	9,880	13,13	17,30	21,20	26,60	36,70	48,40	61,60	77,90	97,50	117,0	142,0			45
50		0,480	0,770	1,150	2,220	3,870	5,580	7,910	10,50	14,20	18,30	22,50	28,10	38,60	50,80	64,50	81,30	102,0	121,0	174,0	176,0		50
55		0,518	0,831	1,240	2,380	4,130	5,950	8,400	11,20	15,00	19,30	23,80	29,60	40,50	53,20	67,40	84,80	106,0	126,0	153,0	182,0		55
60		0,557	0,893	1,330	2,540	4,380	6,310	8,900	11,90	15,80	20,40	25,00	31,10	42,50	55,60	70,30	88,20	110,0	131,0	158,0	188,0		60
65		0,596	0,955	1,420	2,700	4,630	6,670	9,400	12,50	16,60	21,40	26,30	32,60	44,40	57,90	73,30	91,70	114,0	135,0	164,0	194,0		65
70		0,635	1,020	1,500	2,860	4,880	7,040	9,900	13,20	17,50	22,50	27,60	34,10	46,40	60,30	76,20	95,10	118,0	140,0	169,0	200,0		70
80		0,712	1,140	1,680	3,170	5,380	7,770	10,90	14,50	19,10	24,50	30,20	37,10	50,20	65,00	82,00	102,0	126,0	149,0	180,0	213,0		80
90			1,260	1,860	3,490	5,880	8,490	11,90	15,90	20,80	26,60	32,70	40,10	54,10	69,80	87,80	109,0	134,0	159,0	191,0	225,0		90
100				2,030	3,810	6,390	9,220	12,90	17,20	22,40	28,70	35,30	43,10	58,00	74,50	93,60	116,0	142,0	168,0	202,0	237,0		100
110					4,130	6,890	9,950	13,90	18,50	24,10	30,80	37,80	46,10	61,80	79,30	99,50	123,0	151,0	178,0	213,0	250,0		110
120					4,450	7,390	10,70	14,90	19,90	25,70	32,90	40,40	49,10	65,70	84,00	105,0	129,0	159,0	187,0	224,0	262,0		120
130					4,770	7,890	11,40	15,90	21,20	27,450	35,00	43,00	52,10	69,60	88,70	111,0	136,0	167,0	197,0	235,0	274,0		130
140						8,390	12,10	16,90	22,50	29,00	37,00	45,50	55,10	73,40	93,50	117,0	143,0	175,0	206,0	245,0	287,0		140