HAGUE FASTENERS
HIGH INTEGRITY SPECIAL BOLTING

WEIGHT OF STUDBOLTS (METRIC DIMENSIONS)

KILOS PER 100 PIECES WITH 2 HVY HEX NUTS

	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48	M52	M56	M60	M64
60	5.6	8.1	12	15.6																
70	6.1	8.9	13	16.9	23.7															
80	6.6	9.6	14	18.2	25.4	32.5														
90	7.1	10.3	15	19.6	27.1	34.5	45.5													
100	7.6	11	16	21	28.8	36.7	47.2	54.2												
110	8.1	11.7	17	22.2	30.4	38.7	48.3	58.2	80											
120	8.6	12.4	18	23.6	32.1	40.7	50.9	60.2	84.7	107										
130	9.1	13.2	19	24.9	33.7	42.8	53.4	63.2	88.6	111	141									
140	9.6	14.2	20	26.2	35.4	44.9	55.9	66.2	92.4	116	147	185								
150	10.1	14.9	20.8	27.5	36.9	46.9	58.5	69.2	96.3	11	153	192	237							
160	10.6	15.6	21.8	29.1	38.6	49	61	72.2	100	126	159	199	245	302						
170		16.4	22.8	30.4	40.2	51.1	63.5	75.2	104	130	165	206	253	312	378					
180			23.8	31.8	41.9	52.3	66.1	78.1	108	135	171	213	261	322	389	467				
190				33.1	43.5	54.4	68.4	81.1	112	140	176	219	269	332	400	480	566			
200				34.5	45.2	56.5	71	84	116	144	182	226	78	342	411	493	581			
210				35.8	46.8	58.5	73.5	88.4	120	149	188	233	286	352	423	506	596	692		
220				37.1	48.4	60.6	76.1	91.4	124	154	194	240	294	362	434	519	612	709	830	
230				38.5	50.1	62.6	78.6	94.4	127	159	201	247	302	372	446	532	627	726	850	981
240				39.8	51.7	64.7	81.2	97.4	130	164	208	253	310	382	457	545	643	743	869	1003
250				41.1	53.4	66.8	83.7	100	134	172	214	260	319	391	468	558	658	760	889	1025
260					55	68.8	86.3	103	138	177	220	267	327	401	480	571	674	777	908	1047
270					56.6	70.9	88.8	106	142	182	224	274	335	411	492	584	689	794	929	1069
280					58.3	73	91.4	109	146	187	230	281	343	421	505	597	705	811	947	1092
290						75	93.9	112	150	192	236	291	360	431	517	610	720	828	967	1114
300						77.1	96.5	115	154	196	241	298	368	441	530	623	736	845	987	1136
320							101	121	161	206	253	312	380	461	553	649	767	878	1026	1180
340								127	169	215	265	326	395	480	570	676	795	912	1065	1225
360								133	177	224	276	340	411	495	592	702	826	946	1104	1269
380									184	231	288	353	428	510	615	728	857	980	1143	1314
400									192	243	299	367	444	529	630	754	888	1014	1182	1358
420										252	311	381	430	548	650	780	90	1047	1221	1402
440										262	322	394	477	566	670	806	930	1081	1260	1447
460										271	334	408	493	585	690	832	960	1115	1299	1491
480										281	345	422	509	604	710	858	990	1149	1338	1536
500										290	357	436	526	623	730	884	1020	1183	1378	1580
520																			1417	1624
540																			1456	1669
560																			1495	1713
580																			1534	1758
600																			1573	1802
620																			1612	1846
640																			1651	1891
660																				1935
680																				1980
700																				2024