

WEIGHTS OF HEAVY HEX BOLTS

APPROXIMATE WEIGHT OF 100 STEEL BOLTS IN POUNDS

Diameter (Inches) Length (Inches)	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-3/4	2
1	10.6	18.3	—	—	—	—	—	—	—	—	—
1 1/4	11.7	20.0	—	—	—	—	—	—	—	—	—
1 1/2	12.8	21.7	33.9	49.5	69.6	—	—	—	—	—	—
1 3/4	14.1	23.5	36.5	53.0	74.2	—	—	—	—	—	—
2	15.5	25.6	39.0	56.6	78.8	—	—	—	—	—	—
2-1/4	16.8	27.7	42.0	60.1	83.4	—	—	—	—	—	—
2-1/2	18.2	29.8	45.0	64.2	88.0	115	152	183	230	339	469
2-3/4	19.5	31.9	48.1	68.3	94.0	121	159	191	241	353	488
3	20.9	34.0	51.1	72.4	99.0	128	167	200	252	367	506
3-1/4	22.2	36.0	54.1	76.6	104.	134	175	211	262	382	525
3-1/2	23.6	38.1	57.1	80.7	110.	141	183	221	275	396	544
3-3/4	24.9	40.2	60.1	84.8	115.	148	192	232	287	411	563
4	26.2	42.3	63.2	88.9	120.	155	200	242	300	428	582
4-1/4	27.6	44.4	66.2	93.	126.	162	209	253	312	445	601
4-1/2	28.9	46.5	69.2	98.	131.	168	217	263	325	462	623
4-3/4	30.3	48.6	72.2	102.	137.	175	225	274	337	479	646
5	31.6	50.7	75.2	106.	142.	182	234	284	350	496	668
5-1/4	33.0	52.8	78.2	110.	147.	189	242	295	362	513	690
5-1/2	34.3	54.9	81.3	114.	153.	196	251	305	375	530	712
5-3/4	35.7	57.0	84.3	118.	158.	202	259	315	387	547	735
6	37.0	59.1	87.3	122.	163.	209	267	326	400	564	757
6-1/4	38.1	60.8	89.9	126.	168.	215	275	335	411	578	776
6-1/2	39.4	62.9	92.9	130.	173.	222	283	346	423	595	798
6-3/4	40.8	65.0	96.0	134.	179.	229	291	356	436	612	820
7	42.1	67.1	99.0	138.	184.	235	300	367	448	630	842
7-1/4	43.5	69.2	102	142.	189.	242	308	377	461	647	865
7-1/2	44.8	71.3	105	146.	195.	249	317	388	473	663	887
7-3/4	46.2	73.4	108	151.	200.	256	325	398	486	681	909
8	47.5	75.5	111	155.	206.	263	333	409	498	698	932
8-1/2	50.2	79.7	117	163.	216.	276	350	429	523	732	976
9	52.9	83.9	123	171.	227.	290	367	451	548	766	1020
9-1/2	55.6	88.1	129	179.	238.	303	384	471	573	801	1065
10	58.3	92.3	135	188.	249.	317	401	493	598	834	1110
10-1/2	61.0	96.4	142	196.	259.	331	417	513	623	869	1154
11	63.6	100.	148	204.	270.	344	434	535	648	902	1198
11-1/2	66.3	105.	154	212.	281.	358	451	555	673	936	1244
12	69.0	109.	160	221.	291.	371	468	577	698	970	1287
12-1/2	71.7	113.	166	229.	302.	385	484	597	723	1005	1331
13	74.4	117.	172	237.	313.	399	501	619	748	1039	1376
13-1/2	77.1	121.	178	245.	324.	412	518	639	773	1073	1420

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Diameter (Inches) Length (Inches)	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-3/4	2
14	79.8	126	184	254	334	426	535	661	798	1105	1465
14-1/2	82.5	130	190	262	345	439	552	682	823	1124	1510
15	85.2	134	196	270	356	453	568	703	848	1175	1554
15-1/2	87.9	138	202	278	367	467	585	724	873	1209	1600
16	90.5	142	208	286	377	480	602	744	898	1243	1645
16-1/2	93.2	147	214	295	388	494	619	765	923	1277	1690
17	95.9	151	220	303	399	507	635	786	948	1311	1732
17-1/2	98	155	226	311	410	521	652	808	973	1345	1778
18	101	159	232	319	420	535	669	829	998	1380	1830
18-1/2	104	163	238	328	431	548	686	849	1023	1413	1868
19	106	167	244	336	442	562	703	870	1048	1448	1910
19-1/2	109	172	250	344	453	575	719	891	1073	1483	1955
20	112	176	256	352	463	589	736	913	1098	1515	2000
21	117	184	268	369	485	616	770	954	1148	1585	2090
22	122	193	280	385	506	643	803	996	1198	1653	2178
23	128	201	293	402	528	671	837	1039	1248	1720	2268
24	133	209	304	418	549	698	870	1079	1298	1789	2356
25	139	218	317	435	571	725	904	1122	1348	1856	2448
26	144	226	329	451	592	752	938	1164	1398	1925	2535
27	149	235	341	468	614	779	971	1205	1448	1992	2530
28	155	243	353	484	635	807	1005	1249	1498	2063	2715
29	160	251	365	501	657	834	1038	1291	1548	2133	2800
30	165	260	377	517	678	861	1072	1333	1598	2198	2890

Note: For materials other than steel, refer to conversion table on page 145