

**6150 Carbon Steel Series (Inch)**

Bolt Size	Part Number	Inch Dimensions				Load 75% h <sub>o</sub> (lb)	Load 100% h <sub>o</sub> (lb)
		O.D. D <sub>e</sub>	I.D. D <sub>i</sub>	Thick t	Dish h <sub>o</sub>		
1/4"	BI0500-A-018	0.500	0.260	0.018	0.015	57	68
	BI0500-A-025	0.500	0.260	0.025	0.014	134	170
	BI0500-A-038	0.500	0.260	0.038	0.010	324	427
	BI0687-A-052	0.687	0.260	0.052	0.016	620	815
	BI0750-A-036	0.750	0.260	0.036	0.019	208	265
	BI0750-A-052	0.750	0.260	0.052	0.014	447	589
	BI0875-A-075	0.875	0.260	0.075	0.012	824	1,095
5/16"	BI0625-B-022	0.625	0.325	0.022	0.019	84	101
	BI0625-B-032	0.625	0.325	0.032	0.017	217	277
	BI0625-B-047	0.625	0.325	0.047	0.013	510	672
	BI0687-B-052	0.687	0.325	0.052	0.015	626	824
	BI0875-B-040	0.875	0.325	0.040	0.024	271	342
	BI0937-B-070	0.937	0.325	0.070	0.026	1,309	1,709
	BI1000-B-090	1.000	0.325	0.090	0.013	1,190	1,581
	BI1125-B-062	1.125	0.325	0.062	0.022	524	685
3/8"	BI0750-C-034	0.750	0.390	0.034	0.022	239	299
	BI0750-C-040	0.750	0.390	0.040	0.020	345	443
	BI0750-C-056	0.750	0.390	0.056	0.015	691	911
	BI0750-C-062	0.750	0.390	0.062	0.017	1,064	1,402
	BI0750-C-076	0.750	0.390	0.076	0.033	3,869	5,011
	BI0875-C-062	0.875	0.390	0.062	0.013	549	727
	BI0875-C-089	0.875	0.390	0.089	0.012	1,493	1,985
	BI0875-C-109	0.875	0.390	0.109	0.017	3,889	5,166
	BI0937-C-070	0.937	0.390	0.070	0.025	1,310	1,713
	BI1000-C-062	1.000	0.390	0.062	0.032	1,026	1,313
	BI1000-C-105	1.000	0.390	0.105	0.015	2,250	2,990
	BI1125-C-053	1.125	0.390	0.053	0.029	451	574
	BI1125-C-078	1.125	0.390	0.078	0.020	956	1,262
	BI1187-C-089	1.187	0.390	0.089	0.033	2,113	2,758
3/8"	BI1187-C-098	1.187	0.390	0.098	0.023	1,941	2,566
	BI1187-C-105	1.187	0.390	0.105	0.022	2,280	3,019
	BI1187-C-125	1.187	0.390	0.125	0.021	3,663	4,863
	BI1250-C-065	1.250	0.390	0.065	0.021	468	613
	BI1250-C-074	1.250	0.390	0.074	0.025	822	1,077
	BI1250-C-089	1.250	0.390	0.089	0.031	1,776	2,324
	BI1250-C-125	1.250	0.390	0.125	0.021	3,286	4,362
7/16"	BI0875-D-031	0.875	0.450	0.031	0.030	194	226
	BI0875-D-045	0.875	0.450	0.045	0.024	432	552
	BI0875-D-059	0.875	0.450	0.059	0.025	999	1,296
	BI0937-D-070	0.937	0.450	0.070	0.022	1,216	1,597
	BI1000-D-049	1.000	0.450	0.049	0.037	641	785
	BI1187-D-089	1.187	0.450	0.089	0.033	2,164	2,824
1/2"	BI1000-E-035	1.000	0.520	0.035	0.030	209	250
	BI1000-E-043	1.000	0.520	0.043	0.027	339	427
	BI1000-E-050	1.000	0.520	0.050	0.027	515	657
	BI1000-E-062	1.000	0.520	0.062	0.025	892	1,159
	BI1000-E-073	1.000	0.520	0.073	0.020	1,149	1,514
	BI1063-E-109	1.063	0.520	0.109	0.027	4,396	5,805
	BI1125-E-062	1.125	0.520	0.062	0.023	605	790
	BI1125-E-125	1.125	0.520	0.125	0.022	4,668	6,194
	BI1187-E-089	1.187	0.520	0.089	0.029	1,974	2,590
BI1250-E-062	1.250	0.520	0.062	0.032	669	856	

1/2"	BI1250-E-078	1.250	0.520	0.078	0.026	1,056	1,384
	BI1250-E-090	1.250	0.520	0.090	0.025	1,552	2,045
	BI1250-E-125	1.250	0.520	0.125	0.020	3,300	4,383
	BI1312-E-098	1.312	0.520	0.098	0.034	2,456	3,214
	BI1312-E-104	1.312	0.520	0.104	0.042	3,650	4,746
	BI1375-E-087	1.375	0.520	0.087	0.035	1,603	2,084
	BI1375-E-100	1.375	0.520	0.100	0.022	1,503	1,989
	BI1375-E-125	1.375	0.520	0.125	0.029	3,874	5,122
	BI1500-E-047	1.500	0.520	0.070	0.045	300	349
	BI1500-E-070	1.500	0.520	0.070	0.035	700	898
1/2"	BI1500-E-080	1.500	0.520	0.080	0.020	580	766
	BI1500-E-095	1.500	0.520	0.095	0.032	1,566	2,052
	BI1500-E-102	1.500	0.520	0.102	0.025	1,502	1,984
	BI1500-E-112	1.500	0.520	0.112	0.042	3,382	4,412
	BI1625-E-140	1.625	0.520	0.140	0.030	3,922	5,193
	BI1875-E-187	1.625	0.520	0.187	0.036	8,339	11,055
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9/16"	BI1125-F-038	1.125	0.570	0.038	0.036	255	299
	BI1125-F-056	1.125	0.570	0.056	0.030	624	797
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5/8"	BI1250-G-040	1.250	0.650	0.040	0.043	303	343
	BI1250-G-051	1.250	0.650	0.051	0.035	466	578
	BI1250-G-062	1.250	0.650	0.062	0.029	668	861
	BI1250-G-089	1.250	0.650	0.089	0.023	1,530	2,019
	BI1312-G-098	1.312	0.650	0.098	0.030	2,358	3,099
	BI1375-G-049	1.375	0.650	0.049	0.047	463	539
	BI1375-G-062	1.375	0.650	0.062	0.050	960	1,162
	BI1375-G-078	1.375	0.650	0.078	0.033	1,177	1,527
	BI1500-G-100	1.500	0.650	0.100	0.039	2,366	3,081
	BI1500-G-112	1.500	0.650	0.112	0.035	2,958	3,885
5/8"	BI1625-G-140	1.500	0.650	0.140	0.030	4,082	5,403
	BI1750-G-131	1.750	0.650	0.131	0.045	4,296	5,626
	BI1750-G-140	1.750	0.650	0.140	0.042	4,874	6,409
	BI1750-G-187	1.750	0.650	0.187	0.030	8,215	10,910
	BI1875-G-057	1.875	0.650	0.057	0.060	468	532
	BI1875-G-086	1.875	0.650	0.086	0.045	1,071	1,370
	BI1875-G-127	1.875	0.650	0.127	0.033	2,452	3,235
	BI2000-G-150	2.000	0.650	0.150	0.057	6,154	8,024
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11/16"	BI1375-H-067	1.375	0.700	0.067	0.035	836	1,069
	BI1375-H-140	1.375	0.700	0.140	0.052	11,101	14,489
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3/4"	BI1500-I-045	1.500	0.780	0.045	0.050	353	394
	BI1500-I-060	1.500	0.780	0.060	0.043	651	803
	BI1500-I-072	1.500	0.780	0.072	0.036	906	1,162
	BI1500-I-198	1.500	0.780	0.098	0.034	2,115	2,767
	BI1500-I-112	1.500	0.780	0.112	0.035	3,238	4,253
	BI1500-I-125	1.500	0.780	0.125	0.036	4,620	6,081
	BI1750-I-140	1.750	0.780	0.140	0.045	5,521	7,244
	BI2000-I-150	2.000	0.900	0.150	0.055	6,119	7,991
	BI2250-I-068	2.250	0.780	0.068	0.070	639	731
	BI2250-I-156	2.250	0.780	0.156	0.047	4,510	5,930
BI2250-I-168	2.250	0.780	0.168	0.063	7,609	9,928	
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7/8"	BI1750-J-057	1.750	0.900	0.057	0.058	590	678
	BI1750-J-085	1.750	0.900	0.085	0.045	1,365	1,743
	BI1750-J-131	1.750	0.900	0.131	0.038	4,095	5,389
	BI2000-J-150	2.000	0.900	0.150	0.042	4,852	6,391
	BI2250-J-168	2.250	0.900	0.168	0.063	7,839	10,228

1"	BI2000-K-065	2.000	1.035	0.065	0.067	780	892
	BI2000-K-078	2.000	1.035	0.078	0.060	1131	1381
	BI2000-K-084	2.000	1.035	0.084	0.053	1214	1523
	BI2000-K-097	2.000	1.035	0.097	0.050	1729	2213
	BI2000-K-120	2.000	1.035	0.120	0.045	2890	3771
	BI2000-K-142	2.000	1.035	0.142	0.036	3787	4999
	BI2000-K-156	2.000	1.035	0.156	0.043	6008	7916
	BI2250-K-168	2.250	1.035	0.168	0.055	7151	9378
	BI2500-K-156	2.500	1.035	0.156	0.048	3885	5104
	BI2500-K-187	2.500	1.035	0.187	0.061	8519	11173
1-1/8"	BI2250-L-073	2.250	1.160	0.073	0.074	958	1,100
	BI2250-L-111	2.250	1.160	0.111	0.055	2,239	2,875
	BI2250-L-159	2.250	1.160	0.159	0.040	4,655	6,146
	BI2250-L-168	2.250	1.160	0.168	0.050	6,890	9,062
	BI2500-L-187	2.500	1.160	0.187	0.058	8,443	11,090
1-1/4"	BI2250-M-219	2.250	1.275	0.219	0.035	11,359	15,085
	BI2500-M-120	2.500	1.275	0.120	0.062	2,574	3,294
	BI2500-M-175	2.500	1.275	0.175	0.045	5,619	7,416
	BI2500-M-187	2.500	1.275	0.187	0.055	8,407	11,059

Material for part numbers shown: 1075-1090 High Carbon Steel (t<0.050")  
6150 Alloy Steel

Other materials available:

(suffix)	<b>-301</b>	301 Stainless Steel
	<b>-7</b>	17-7 PH Stainless Steel
	<b>-4</b>	17-4 PH Stainless Steel
	<b>-718</b>	Inconel 718
	<b>X750</b>	Inconel X750