

BELLEVILLE DISC SPRINGS DIN2093 SPECIFICATION

HEGONG Part No.	Series	D (mm)	d (mm)	t (mm)	t' (mm)	Ho (mm)	Load 75% (N)	Weight (kg/1000pcs)
HGDS-001		6	3.2	0.3		0.45	119	0.048
HGDS-002		8	3.2	0.2		0.40	26	0.066
HGDS-003		8	3.2	0.3		0.55	104	0.100
HGDS-004		8	3.2	0.4		0.60	185	0.133
HGDS-005	C	8	4.2	0.2		0.45	39	0.057
HGDS-006	B	8	4.2	0.3		0.55	119	0.086
HGDS-007	A	8	4.2	0.4		0.60	210	0.114
HGDS-008		10	3.2	0.3		0.65	98	0.166
HGDS-009		10	3.2	0.4		0.70	179	0.222
HGDS-010		10	3.2	0.5		0.75	279	0.277
HGDS-011		10	4.2	0.4		0.70	189	0.203
HGDS-012		10	4.2	0.5		0.75	294	0.254
HGDS-013	C	10	5.2	0.25		0.55	58	0.113
HGDS-014	B	10	5.2	0.4		0.70	209	0.180
HGDS-015	A	10	5.2	0.5		0.75	329	0.225
HGDS-016		12	4.2	0.4		0.80	178	0.312
HGDS-017		12	4.2	0.5		0.85	284	0.390
HGDS-018		12	4.2	0.6		1.00	557	0.468
HGDS-019		12	5.2	0.5		0.90	350	0.361
HGDS-020		12	5.2	0.6		0.95	506	0.433
HGDS-021		12	6.2	0.5		0.85	326	0.326
HGDS-022		12	6.2	0.6		0.95	552	0.391
HGDS-023		12.5	5.2	0.5		0.85	272	0.399
HGDS-024	C	12.5	6.2	0.35		0.80	151	0.254
HGDS-025	B	12.5	6.2	0.5		0.85	294	0.363
HGDS-026	A	12.5	6.2	0.7		1.00	659	0.509
HGDS-027	C	14	7.2	0.35		0.80	123	0.311
HGDS-028	B	14	7.2	0.5		0.90	279	0.445
HGDS-029	A	14	7.2	0.8		1.10	813	0.712
HGDS-030		15	5.2	0.4		0.95	176	0.489
HGDS-031		15	5.2	0.5		1.00	278	0.611
HGDS-032		15	5.2	0.6		1.05	407	0.733
HGDS-033		15	5.2	0.7		1.10	555	0.855
HGDS-034		15	6.2	0.5		1.00	289	0.576
HGDS-035		15	6.2	0.6		1.05	423	0.691
HGDS-036		15	6.2	0.7		1.10	578	0.806
HGDS-037		15	8.2	0.7		1.10	666	0.681
HGDS-038		15	8.2	0.8		1.20	982	0.779
HGDS-039	C	16	8.2	0.4		0.90	155	0.466
HGDS-040	B	16	8.2	0.6		1.05	412	0.699
HGDS-041		16	8.2	0.7		1.15	637	0.815
HGDS-042		16	8.2	0.8		1.20	825	0.932
HGDS-043	A	16	8.2	0.9		1.25	1000	1.048
HGDS-044		18	6.2	0.4		1.00	138	0.705

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HGDS-045		18	6.2	0.5		1.10	245	0.881
HGDS-046		18	6.2	0.6		1.20	400	1.057
HGDS-047		18	6.2	0.7		1.25	553	1.233
HGDS-048		18	6.2	0.8		1.30	729	1.410
HGDS-049		18	8.2	0.5		1.10	265	0.792
HGDS-050		18	8.2	0.7		1.25	596	1.109
HGDS-051		18	8.2	0.8		1.30	783	1.267
HGDS-052		18	8.2	1		1.40	1180	1.584
HGDS-053	C	18	9.2	0.45		1.05	214	0.665
HGDS-054	B	18	9.2	0.7		1.20	572	1.034
HGDS-055	A	18	9.2	1		1.40	1250	1.477
HGDS-056		20	8.2	0.6		1.30	412	1.232
HGDS-057		20	8.2	0.7		1.35	569	1.437
HGDS-058		20	8.2	0.8		1.40	751	1.643
HGDS-059		20	8.2	0.9		1.45	954	1.848
HGDS-060		20	8.2	1		1.55	1290	2.053
HGDS-061	C	20	10.2	0.5		1.15	254	0.913
HGDS-062	B	20	10.2	0.8		1.35	745	1.461
HGDS-063		20	10.2	0.9		1.45	1050	1.643
HGDS-064		20	10.2	1		1.55	1430	1.826
HGDS-065	A	20	10.2	1.1		1.55	1520	2.009
HGDS-066		20	10.2	1.25		1.75	2480	2.283
HGDS-067		20	10.2	1.5		1.80	2520	2.739
HGDS-068	C	22.5	11.2	0.6		1.40	425	1.410
HGDS-069	B	22.5	11.2	0.8		1.45	710	1.880
HGDS-070	A	22.5	11.2	1.25		1.75	1950	2.937
HGDS-071		23	8.2	0.7		1.50	544	1.994
HGDS-072		23	8.2	0.8		1.55	719	2.279
HGDS-073		23	8.2	0.9		1.60	919	2.564
HGDS-074		23	8.2	1		1.70	1240	2.849
HGDS-075		23	10.2	0.9		1.65	1060	2.360
HGDS-076		23	10.2	1		1.70	1320	2.622
HGDS-077		23	10.2	1.25		1.90	2310	3.278
HGDS-078		23	12.2	1		1.60	1220	2.346
HGDS-079		23	12.2	1.25		1.85	2330	2.932
HGDS-080		23	12.2	1.5		2.00	3300	3.518
HGDS-081		25	10.2	1		1.75	1170	3.214
HGDS-082	C	25	12.2	0.7		1.60	601	2.057
HGDS-083	B	25	12.2	0.9		1.60	858	2.644
HGDS-084		25	12.2	1		1.80	1360	2.938
HGDS-085		25	12.2	1.25		1.95	2210	3.672
HGDS-086	A	25	12.2	1.5		2.05	2910	4.407
HGDS-087		28	10.2	0.8		1.75	662	3.356
HGDS-088		28	10.2	1		1.90	1130	4.195

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HGDS-089		28	10.2	1.25		2.05	1850	5.244
HGDS-090		28	10.2	1.5		2.20	2720	6.293
HGDS-091		28	12.2	1		1.95	1270	3.919
HGDS-092		28	12.2	1.25		2.10	2080	4.899
HGDS-093		28	12.2	1.5		2.25	3080	5.879
HGDS-094	C	28	14.2	0.8		1.80	801	2.875
HGDS-095	B	28	14.2	1		1.80	1110	3.593
HGDS-096		28	14.2	1.25		2.10	2240	4.492
HGDS-097	A	28	14.2	1.5		2.15	2850	5.390
HGDS-098		31.5	12.2	1		2.10	1170	5.204
HGDS-099		31.5	12.2	1.25		2.20	1810	6.505
HGDS-100		31.5	12.2	1.5		2.35	2690	7.806
HGDS-101	C	31.5	16.3	0.8		1.85	687	3.586
HGDS-102	B	31.5	16.3	1.25		2.15	1920	5.604
HGDS-103		31.5	16.3	1.5		2.40	3230	6.724
HGDS-104	A	31.5	16.3	1.75		2.45	3900	7.845
HGDS-105		31.5	16.3	2		2.75	6170	8.966
HGDS-106		34	12.3	1		2.25	1170	6.199
HGDS-107		34	12.3	1.25		2.35	1820	7.749
HGDS-108		34	12.3	1.5		2.50	2730	9.299
HGDS-109		34	14.3	1.25		2.40	1990	7.339
HGDS-110		34	14.3	1.5		2.55	2990	8.806
HGDS-111		34	16.3	1.5		2.55	3160	8.240
HGDS-112		34	16.3	2		2.85	5780	10.987
HGDS-113	C	35.5	18.3	0.9		2.05	831	5.139
HGDS-114	B	35.5	18.3	1.25		2.25	1700	7.137
HGDS-115	A	35.5	18.3	2		2.80	5190	11.419
HGDS-116		40	14.3	1.25		2.65	1780	10.763
HGDS-117		40	14.3	1.5		2.75	2550	12.916
HGDS-118		40	14.3	2		3.05	4770	17.221
HGDS-119		40	16.3	1.5		2.80	2750	12.349
HGDS-120		40	16.3	2		3.10	5170	16.466
HGDS-121		40	18.3	2		3.15	5660	15.612
HGDS-122	C	40	20.4	1		2.30	1020	7.304
HGDS-123	B	40	20.4	1.5		2.65	2620	10.957
HGDS-124		40	20.4	2		3.10	5700	14.609
HGDS-125	A	40	20.4	2.25		3.15	6540	16.435
HGDS-126		40	20.4	2.5		3.45	9390	18.261
HGDS-127	C	45	22.4	1.25		2.85	1890	11.748
HGDS-128	B	45	22.4	1.75		3.05	3660	16.447
HGDS-129	A	45	22.4	2.5		3.50	7720	23.496
HGDS-130		50	18.4	1.25		2.85	1370	16.670
HGDS-131		50	18.4	1.5		3.30	2610	20.004
HGDS-132		50	18.4	2		3.50	4570	26.673

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HGDS-133		50	18.4	2.5		4.10	9320	33.341
HGDS-134		50	18.4	3		4.40	13700	40.009
HGDS-135		50	20.4	2		3.50	4960	25.715
HGDS-136		50	20.4	2.5		3.85	7920	32.144
HGDS-137		50	22.4	2		3.60	5220	24.659
HGDS-138		50	22.4	2.5		3.90	8510	30.823
HGDS-139	C	50	25.4	1.25		2.85	1550	14.306
HGDS-140		50	25.4	1.5		3.10	2510	17.167
HGDS-141	B	50	25.4	2		3.40	4760	22.889
HGDS-142		50	25.4	2.5		3.90	9060	28.611
HGDS-143	A	50	25.4	3		4.10	12000	34.334
HGDS-144	C	56	28.5	1.5		3.45	2620	21.507
HGDS-145	B	56	28.5	2		3.60	4440	28.676
HGDS-146	A	56	28.5	3		4.30	11400	43.013
HGDS-147		60	20.5	2		4.10	4730	39.239
HGDS-148		60	20.5	2.5		4.30	7300	49.048
HGDS-149		60	20.5	3		4.70	11600	58.858
HGDS-150		60	25.5	2.5		4.40	8180	45.501
HGDS-151		60	25.5	3		4.65	11800	54.601
HGDS-152		60	30.5	2.5		4.30	8340	41.182
HGDS-153		60	30.5	3		4.70	13200	49.418
HGDS-154		60	30.5	3.5		5.00	18200	57.654
HGDS-155	C	63	31	1.8		4.15	4240	33.407
HGDS-156	B	63	31	2.5		4.25	7180	46.399
HGDS-157		63	31	3		4.80	12500	55.679
HGDS-158	A	63	31	3.5		4.90	15000	64.959
HGDS-159		70	25.5	2		4.50	4440	52.443
HGDS-160		70	30.5	2.5		4.90	8030	61.234
HGDS-161		70	30.5	3		5.10	11400	73.481
HGDS-162		70	35.5	3		5.10	12300	67.373
HGDS-163		70	35.5	4		5.80	23900	89.830
HGDS-164		70	40.5	4		5.60	23400	80.452
HGDS-165		70	40.5	5		6.20	33700	100.565
HGDS-166	C	71	36	2		4.60	5140	46.214
HGDS-167	B	71	36	2.5		4.50	6730	57.768
HGDS-168	A	71	36	4		5.60	20500	92.428
HGDS-169		80	31	2.5		5.30	7240	83.9
HGDS-170		80	31	3		5.50	10400	100.7
HGDS-171		80	31	4		6.10	19400	134.2
HGDS-172		80	36	3		5.70	11900	94.5
HGDS-173	C	80	36	4		6.20	21400	126.0
HGDS-174	B	80	41	2.25		5.20	6610	65.5
HGDS-175		80	41	3		5.30	10500	87.4
HGDS-176		80	41	4		6.20	22900	116.5

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HGDS-177	A	80	41	5		6.70	33559	145.6
HGDS-178	C	90	46	2.5		5.70	7680	92.3
HGDS-179	B	90	46	3.5		6.00	14200	129.2
HGDS-180	A	90	46	5		7.00	31400	184.6
HGDS-181		100	41	4		7.20	20300	205.3
HGDS-182		100	41	5		7.75	32400	256.6
HGDS-183	C	100	51	2.7		6.20	8610	123.3
HGDS-184	B	100	51	3.5		6.30	13100	159.8
HGDS-185		100	51	4		7.00	20700	182.6
HGDS-186		100	51	5		7.80	36300	228.3
HGDS-187	A	100	51	6		8.20	48000	273.9
HGDS-188	C	112	57	3		6.90	10500	172.1
HGDS-189	B	112	57	4		7.20	17800	229.4
HGDS-190	A	112	57	6		8.50	43800	344.1
HGDS-191		125	41	4		8.20	17300	344.1
HGDS-192		125	51	4		8.50	19800	321.4
HGDS-193		125	51	5		8.90	30700	401.8
HGDS-194		125	51	6	5.7	9.40	44300	482.2
HGDS-195		125	61	5		9.00	34000	367.2
HGDS-196		125	61	6	5.6	9.60	50700	440.7
HGDS-197		125	61	8	7.5	10.90	93600	587.6
HGDS-198	C	125	61	3.5		8.00	15415	257.1
HGDS-199	B	125	64	5		8.50	30000	355.7
HGDS-200	A	125	64	8	7.5	10.60	85900	569.1
HGDS-201		125	71	6	5.6	9.30	51200	391.8
HGDS-202		125	71	8	7.4	10.40	85500	522.4
HGDS-203		125	71	10	9.2	11.80	124000	653
HGDS-204	C	140	72	3.8		8.70	17200	338
HGDS-205	B	140	72	5		9.00	27900	445
HGDS-206	A	140	72	8	7.5	11.20	85300	712
HGDS-207		150	61	5		10.30	31000	579
HGDS-208		150	61	6		10.80	4500	695
HGDS-209		150	71	6		10.80	48200	646
HGDS-210		150	71	8	7.5	12.00	89800	862
HGDS-211		150	81	8	7.5	11.70	89500	787
HGDS-212		150	81	10	9.3	13.00	139000	984
HGDS-213	C	160	82	4.3		9.90	21800	501
HGDS-214	B	160	82	6		10.50	41100	699
HGDS-215	A	160	82	10	9.4	13.50	139000	1165
HGDS-216	C	180	92	4.8		11.00	26400	709
HGDS-217	B	180	92	6		11.10	37500	886
HGDS-218	A	180	92	10	9.4	14.00	125000	1477
HGDS-219		200	82	8	7.6	14.20	78000	1643
HGDS-220		200	82	10	9.6	15.50	129000	2053

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HGDS-221		200	82	12	11.5	16.60	183000	2464
HGDS-222		200	92	10	9.5	15.60	138000	1946
HGDS-223		200	92	12	11.4	16.80	199000	2335
HGDS-224		200	92	14	13.1	18.10	267000	2724
HGDS-225	C	200	102	5.5		12.50	36100	1004
HGDS-226	B	200	102	8	7.5	13.60	76400	1461
HGDS-227		200	102	10	9.4	15.60	145000	1826
HGDS-228	A	200	102	12	11.25	16.20	183000	2191
HGDS-229		200	102	14	13.2	18.20	289000	2557
HGDS-230		200	112	12	11.1	16.20	196000	2033
HGDS-231		200	112	14	12.9	17.50	257000	2372
HGDS-232		200	112	16	14.8	18.80	305000	2711
HGDS-233	C	225	112	6.5	6.2	13.60	44600	1527
HGDS-234	B	225	112	8	7.5	14.50	70800	1880
HGDS-235	A	225	112	12	11.25	17.00	171000	2820
HGDS-236		250	102	10	9.6	18.00	126000	3214
HGDS-237		250	102	12	11.5	19.00	183000	3857
HGDS-238	C	250	127	7	6.7	14.80	50500	2003
HGDS-239	B	250	127	10	9.4	17.00	119000	2861
HGDS-240		250	127	12	11.25	19.30	211000	3433
HGDS-241	A	250	127	14	13.1	19.60	249000	4006
HGDS-242		250	127	16	15	21.80	386000	4578

NON-STANDARD SIZE

HGDS-243		260	131	14	12.9	19.50	224687	4012
HGDS-244		260	131	11.5	10.6	18.00	150851	3296
HGDS-245		260	131	9	8.3	15.50	74483	2581
HGDS-246		270	136	15	13.8	21.00	279693	4629
HGDS-247		270	136	13	12	19.00	183541	4025
HGDS-248		270	136	10	9.2	17.50	109946	3086
HGDS-249		280	142	16	14.75	22.00	315987	5296
HGDS-250		280	142	13	12	20.50	218086	4309
HGDS-251		280	142	10	9.2	17.50	102681	3304
HGDS-252		290	147	16	14.75	22.00	294484	5683
HGDS-253		290	147	13	12	20.50	203246	4623
HGDS-254		290	147	10.5	9.7	18.50	118434	3737
HGDS-255		300	152	16	14.75	22.50	299199	6084
HGDS-256		300	152	13.5	12.45	21.00	211867	5135
HGDS-257		300	152	11	10.15	19.00	126270	4168
HGDS-258		315	162	18	16.9	25.00	419031	7613
HGDS-259		315	162	15	13.8	23.50	297519	6209
HGDS-260		315	162	12	11.05	21.00	169652	4972
HGDS-261		330	167	17	15.65	24.00	378013	8451
HGDS-262		330	167	15	13.8	23.50	272522	6893

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HGDS-263		330	167	12	11.05	21.00	153045	5519
HGDS-264		340	172	18	16.6	25.00	356028	8962
HGDS-265		340	172	15	13.8	23.58	256672	7318
HGDS-266		340	172	12	11.05	21.00	144144	5860
HGDS-267		355	182	19	17.5	27.00	516889	10568
HGDS-268		355	182	16.5	15.2	26.00	353672	8706
HGDS-269		355	182	13	12	23.00	189116	6873
HGDS-270		370	187	20	18.45	28.00	471668	11595
HGDS-271		370	187	16.5	15.2	26.00	322730	9552
HGDS-272		370	187	13	12	23.00	172570	7541
HGDS-273		380	192	20	18.45	28.50	476530	12232
HGDS-274		380	192	17	15.65	27.00	352946	10376
HGDS-275		380	192	13.5	12.45	23.50	182062	8254
HGDS-276		400	202	21	19.35	29.50	496432	14220
HGDS-277		400	202	18	16.6	28.00	375905	12420
HGDS-278		400	202	14	12.9	24.50	192737	9480
HGDS-279		420	212	22	20.25	31.00	548308	6412
HGDS-280		420	212	19	17.5	29.50	420725	14183
HGDS-281		420	212	15	13.8	26.00	224394	11185
HGDS-282		440	222	23	21.1	32.50	602805	18775
HGDS-283		440	222	20	18.45	31.50	491415	16416
HGDS-284		440	222	16	14.75	28.00	271589	13124
HGDS-285		450	227	25	23.05	36.00	602805	18775
HGDS-286		450	227	21	19.35	33.00	491415	16416
HGDS-287		450	227	16	14.75	28.00	271589	13124
HGDS-288		480	242	26	23.05	36.00	767144	25373
HGDS-289		480	242	21.5	19.8	34.00	557948	20977
HGDS-290		480	242	17	15.65	30.00	297357	16580
HGDS-291		500	253	27	24.85	38.00	875297	28497
HGDS-292		500	253	22.5	20.75	35.50	596978	23794
HGDS-293		500	253	18	16.6	31.50	337473	19379