



Code	D <sub>H</sub>	D <sub>d</sub>	L <sub>0</sub>	R	A		B		C		D		E	Pcs		
	Hole Diameter	Rod Diameter	Free Length	Spring Constant	25% L <sub>0</sub>		30% L <sub>0</sub>		33.75% L <sub>0</sub>		37.5% L <sub>0</sub>		approx.			
	b x h			± 10%	+ 3.000.000	~ 1.500.000		300 - 500.000		100 - 200.000		do not use				
	mm	mm	mm	N/mm	mm	N	mm	N	mm	N	mm	N	mm			
B 25 - 025	25	12.5	25	147	6.3	926	7.5	1103	8.4	1240	9.4	1382	10.2	50		
B 25 - 032			32	118	8.0	944	9.6	1133	10.8	1274	12.0	1416	13.7	25		
B 25 - 038			38	93.0	9.5	884	11.4	1060	12.8	1193	14.3	1330	15.7	25		
B 25 - 044			44	80.8	11.0	889	13.2	1067	14.9	1200	16.5	1333	18.2	25		
B 25 - 051			51	68.6	12.8	878	15.3	1050	17.2	1181	19.1	1310	21.7	25		
B 25 - 064			64	53.0	16.0	848	19.2	1018	21.6	1145	24.0	1272	26.0	25		
B 25 - 076			76	43.2	19.0	821	22.8	985	25.7	1108	28.5	1231	32.3	20		
B 25 - 089			89	38.2	22.3	852	26.7	1020	30.0	1147	33.4	1276	38.0	20		
B 25 - 102			102	33.0	25.5	842	30.6	1010	34.4	1136	38.3	1264	43.0	20		
B 25 - 115			115	28.0	28.8	806	34.5	966	38.8	1087	43.1	1207	48.6	10		
B 25 - 127			127	25.9	31.8	824	38.1	987	42.9	1110	47.6	1233	53.7	10		
B 25 - 139			139	23.2	35.0	812	42.0	974	46.9	1088	52.5	1218	59.4	10		
B 25 - 152			152	20.8	38.0	790	45.6	948	51.3	1067	57.0	1186	63.8	10		
B 25 - 178			178	17.8	44.5	792	53.4	951	60.1	1069	66.8	1189	76.6	10		
B 25 - 203			203	15.8	50.8	803	60.9	962	68.5	1082	76.1	1202	88.4	10		
B 25 - 305	5.4 x 3.3	305	10.2	76.3	778	91.5	933	103	1050	114	1167	135	5			
B 32 - 038	32	16	38	185	9.5	1758	11.4	2109	12.8	2373	14.3	2646	16.3	20		
B 32 - 044			44	158	11.0	1738	13.2	2086	14.9	2346	16.5	2607	18.9	20		
B 32 - 051			51	134	12.8	1715	15.3	2050	17.2	2306	19.1	2559	23.1	20		
B 32 - 064			64	99.0	16.0	1584	19.2	1901	21.6	2138	24.0	2376	28.5	20		
B 32 - 076			76	80.5	19.0	1530	22.8	1835	25.7	2065	28.5	2294	34.2	20		
B 32 - 089			89	69.1	22.3	1541	26.7	1845	30.0	2076	33.4	2308	40.4	10		
B 32 - 102			102	58.8	25.5	1499	30.6	1799	34.4	2024	38.3	2252	48.0	10		
B 32 - 115			115	51.5	28.8	1483	34.5	1777	38.8	1999	43.1	2220	54.3	10		
B 32 - 127			127	44.8	31.8	1425	38.1	1707	42.9	1920	47.6	2132	59.2	10		
B 32 - 139			139	42.3	35.0	1481	42.0	1777	46.9	1984	52.5	2221	65.3	10		
B 32 - 152			152	37.8	38.0	1436	45.6	1724	51.3	1939	57.0	2155	73.0	10		
B 32 - 178			178	32.5	44.5	1446	53.4	1736	60.1	1952	66.8	2171	84.5	5		
B 32 - 203			203	28.9	50.8	1468	60.9	1760	68.5	1980	76.1	2199	96.9	5		
B 32 - 254			254	21.4	63.5	1359	76.2	1631	85.7	1835	95.3	2039	121	5		
B 32 - 305			6.8 x 4.0	305	18.3	76.3	1396	91.5	1674	103	1884	114	2094	147	5	
B 40 - 051	40	20	51	182	12.8	2330	15.3	2785	17.2	3130	19.1	3476	21.4	20		
B 40 - 064			64	140	16.0	2240	19.2	2688	21.6	3024	24.0	3360	26.8	10		
B 40 - 076			76	108	19.0	2052	22.8	2462	25.7	2770	28.5	3078	32.7	10		
B 40 - 089			89	90.7	22.3	2023	26.7	2422	30.0	2724	33.4	3029	39.0	10		
B 40 - 102			102	81.0	25.5	2066	30.6	2479	34.4	2788	38.3	3102	44.1	10		
B 40 - 115			115	71.8	28.8	2068	34.5	2477	38.8	2787	43.1	3095	50.6	10		
B 40 - 127			127	62.7	31.8	1994	38.1	2389	42.9	2687	47.6	2985	55.9	5		
B 40 - 139			139	57.5	35.0	2013	42.0	2415	46.9	2697	52.5	3019	61.8	5		
B 40 - 152			152	51.6	38.0	1961	45.6	2353	51.3	2647	57.0	2941	67.5	5		
B 40 - 178			178	44.1	44.5	1962	53.4	2355	60.1	2649	66.8	2946	77.2	5		
B 40 - 203			203	36.7	50.8	1864	60.9	2235	68.5	2514	76.1	2793	91.8	5		
B 40 - 254			254	30.1	63.5	1911	76.2	2294	85.7	2580	95.3	2869	113	2		
B 40 - 305			8.2 x 4.7	305	24.6	76.3	1877	91.5	2251	103	2532	114	2814	138	2	
B 50 - 064			50	25	64	209	16.0	3344	19.2	4013	21.6	4514	24.0	5016	28.2	5
B 50 - 076					76	168	19.0	3192	22.8	3830	25.7	4309	28.5	4788	34.9	5
B 50 - 089	89	140			22.3	3122	26.7	3738	30.0	4205	33.4	4676	39.2	5		
B 50 - 102	102	119			25.5	3035	30.6	3641	34.4	4097	38.3	4558	47.3	5		
B 50 - 115	115	106			28.8	3053	34.5	3657	38.8	4114	43.1	4569	52.6	5		
B 50 - 127	127	97.0			31.8	3085	38.1	3696	42.9	4158	47.6	4617	59.8	5		
B 50 - 139	139	87.0			35.0	3045	42.0	3654	46.9	4081	52.5	4568	65.1	5		
B 50 - 152	152	80.0			38.0	3040	45.6	3648	51.3	4104	57.0	4560	70.8	2		
B 50 - 178	178	69.5			44.5	3093	53.4	3711	60.1	4175	66.8	4643	84.2	2		
B 50 - 203	203	59.8			50.8	3038	60.9	3642	68.5	4097	76.1	4551	96.5	2		
B 50 - 229	229	50.9			57.3	2917	68.7	3497	77.3	3934	85.9	4372	108	2		
B 50 - 254	254	43.9			63.5	2788	76.2	3345	85.7	3763	95.3	4184	122	2		
B 50 - 305	11.1 x 5.8	305			38.6	76.3	2945	91.5	3532	103	3973	114	4416	147	2	
B 63 - 076	63	38			76	312	19.0	5928	22.8	7114	25.7	8003	28.5	8892	30.7	5
B 63 - 089					89	260	22.3	5798	26.7	6942	30.0	7810	33.4	8684	36.5	5
B 63 - 102			102	221	25.5	5636	30.6	6763	34.4	7608	38.3	8464	43.6	5		
B 63 - 115			115	187	28.8	5386	34.5	6452	38.8	7258	43.1	8060	48.9	5		
B 63 - 127			127	168	31.8	5342	38.1	6401	42.9	7201	47.6	7997	54.2	2		
B 63 - 152			152	136	38.0	5168	45.6	6202	51.3	6977	57.0	7752	65.7	2		
B 63 - 178			178	114	44.5	5073	53.4	6088	60.1	6849	66.8	7615	76.5	2		
B 63 - 203			203	100	50.8	5080	60.9	6090	68.5	6851	76.1	7610	88.0	2		
B 63 - 229			229	89.2	57.3	5111	68.7	6128	77.3	6894	85.9	7662	104	2		
B 63 - 254			254	78.4	63.5	4978	76.2	5974	85.7	6721	95.3	7472	112	2		
B 63 - 305			11.5 x 9.1	305	64.7	76.3	4937	91.5	5920	103	6660	114	7402	134	2	

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