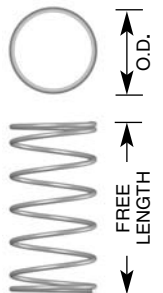


BANTAM™ Mini Compression Springs are Lee Spring's unique line of miniature springs. These Stock products are offered in wire sizes .0040, .0045, .0050 and .0055 in standard outside diameters of .025, .040 and .057. In order to meet and maximize the performance needs of a potentially diverse range of applications, Lee Spring selected Elgiloy® as the alloy for Stock BANTAM Mini Springs.

Elgiloy® is a Cobalt-Nickel alloy known for its high strength, e.g. 10% stronger than Type 316 Stainless Steel. It exhibits superior resistance in most corrosive environments including acetic acid, ammonium chloride, citric acid, sodium chloride and sodium sulfite. This material performs well in temperatures up to 850° F. Elgiloy® is non-magnetic. Applications include medical devices, pharmaceutical delivery devices, petro-chemical processes, aerospace and marine industries.

Custom Bantam Mini Springs can be designed using other materials. Contact Lee Spring Engineering for further information.

LEE STOCK NUMBER	OUTSIDE DIAMETER		TO WORK IN HOLE DIAMETER		WIRE DIAMETER		APPROX. LOAD AT SOLID HGT.		FREE LENGTH		SPRING RATE		SOLID HEIGHT		PRICE GROUP
	IN.	MM	IN.	MM	IN.	MM	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	
CB0040A 01 E	.025	.64	.032	.81	.0040	.10	.179	.081	0.050	1.270	8.779	0.157	0.030	0.753	R
CB0040A 02 E									0.075	1.905	5.295	0.095	0.041	1.047	R
CB0040A 03 E									0.100	2.540	3.791	0.068	0.053	1.342	R
CB0040A 04 E									0.125	3.175	2.952	0.053	0.064	1.637	R
CB0040A 05 E									0.150	3.810	2.417	0.043	0.076	1.931	R
CB0040A 06 E									0.175	4.445	2.047	0.037	0.088	2.226	R
CB0040A 07 E									0.200	5.080	1.774	0.032	0.099	2.521	R
CB0040A 08 E									0.225	5.715	1.566	0.028	0.111	2.815	R
CB0040A 09 E									0.250	6.350	1.402	0.025	0.122	3.110	R
CB0045A 01 E	.025	.64	.032	.81	.0045	.11	.261	.118	0.050	1.270	15.361	0.275	0.033	0.839	R
CB0045A 02 E									0.075	1.905	9.116	0.163	0.046	1.178	R
CB0045A 03 E									0.100	2.540	6.482	0.116	0.060	1.518	R
CB0045A 04 E									0.125	3.175	5.028	0.090	0.073	1.858	R
CB0045A 05 E									0.150	3.810	4.107	0.074	0.087	2.197	R
CB0045A 06 E									0.175	4.445	3.472	0.062	0.100	2.537	R
CB0045A 07 E									0.200	5.080	3.006	0.054	0.113	2.877	R
CB0045A 08 E									0.225	5.715	2.651	0.047	0.127	3.216	R
CB0045A 09 E									0.250	6.350	2.371	0.042	0.140	3.556	R
CB0050A 01 E	.025	.64	.032	.81	.0050	.13	.367	.166	0.050	1.270	26.102	0.467	0.036	0.913	R
CB0050A 02 E									0.075	1.905	15.226	0.273	0.051	1.293	R
CB0050A 03 E									0.100	2.540	10.748	0.192	0.066	1.673	R
CB0050A 04 E									0.125	3.175	8.305	0.149	0.081	2.054	R
CB0050A 05 E									0.150	3.810	6.767	0.121	0.096	2.434	R
CB0050A 06 E									0.175	4.445	5.710	0.102	0.111	2.814	R
CB0050A 07 E									0.200	5.080	4.938	0.088	0.126	3.194	R
CB0050A 08 E									0.225	5.715	4.350	0.078	0.141	3.574	R
CB0050A 09 E									0.250	6.350	3.887	0.070	0.156	3.954	R



SPECIAL INSTRUCTIONS FOR BANTAM MINI COMPRESSION SERIES

PRICING: See Inside Front Cover for pricing up to 199. To price or order up to 1000 pcs. visit leespring.com; 1000+ pcs. contact Lee Spring.
CALCULATIONS: Spring Rate and Load at Solid Height are pre-calculated for Elgiloy®.

BANTAM™ MINI COMPRESSION SPRINGS (INCH)

ENDS NOT GROUND • Elgiloy®

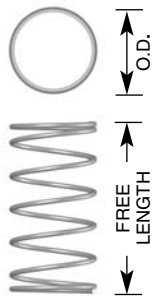
BANTAM™ MINI
COMPRESSION SPRINGS

LEE STOCK NUMBER	OUTSIDE DIAMETER		TO WORK IN HOLE DIAMETER		WIRE DIAMETER		APPROX. LOAD AT SOLID HGT.		FREE LENGTH		SPRING RATE		SOLID HEIGHT		PRICE GROUP
	IN.	MM	IN.	MM	IN.	MM	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	
CB0055A 01 E	.025	.64	.032	.81	.0055	.14	.501	.227	0.050	1.270	43.308	0.775	0.038	0.976	R
CB0055A 02 E									0.075	1.905	24.800	0.444	0.055	1.392	R
CB0055A 03 E									0.100	2.540	17.375	0.311	0.071	1.808	R
CB0055A 04 E									0.125	3.175	13.372	0.239	0.088	2.224	R
CB0055A 05 E									0.150	3.810	10.868	0.195	0.104	2.640	R
CB0055A 06 E									0.175	4.445	9.153	0.164	0.120	3.056	R
CB0055A 07 E									0.200	5.080	7.906	0.142	0.137	3.472	R
CB0055A 08 E									0.225	5.715	6.958	0.125	0.153	3.888	R
CB0055A 09 E									0.250	6.350	6.213	0.111	0.169	4.304	R
CB0040B 01 E	.040	1.02	.047	1.19	.0040	.10	.104	.047	0.100	2.540	1.534	0.027	0.032	0.813	R
CB0040B 02 E									0.150	3.810	0.978	0.018	0.043	1.102	R
CB0040B 03 E									0.200	5.080	0.718	0.013	0.055	1.391	R
CB0040B 04 E									0.250	6.350	0.567	0.010	0.066	1.680	R
CB0040B 05 E									0.300	7.620	0.469	0.008	0.078	1.969	R
CB0040B 06 E									0.350	8.890	0.399	0.007	0.089	2.258	R
CB0040B 07 E									0.400	10.160	0.348	0.006	0.100	2.547	R
CB0040B 08 E									0.450	11.430	0.308	0.006	0.112	2.836	R
CB0040B 09 E									0.500	12.700	0.277	0.005	0.123	3.125	R
CB0045B 01 E	.040	1.02	.047	1.19	.0045	.11	.151	.068	0.100	2.540	2.409	0.043	0.037	0.952	R
CB0045B 02 E									0.150	3.810	1.526	0.027	0.051	1.304	R
CB0045B 03 E									0.200	5.080	1.117	0.020	0.065	1.656	R
CB0045B 04 E									0.250	6.350	0.881	0.016	0.079	2.008	R
CB0045B 05 E									0.300	7.620	0.727	0.013	0.093	2.360	R
CB0045B 06 E									0.350	8.890	0.619	0.011	0.107	2.712	R
CB0045B 07 E									0.400	10.160	0.539	0.010	0.121	3.064	R
CB0045B 08 E									0.450	11.430	0.477	0.009	0.134	3.416	R
CB0045B 09 E									0.500	12.700	0.428	0.008	0.148	3.768	R
CB0050B 01 E	.040	1.02	.047	1.19	.0050	.13	.210	.095	0.100	2.540	3.666	0.066	0.043	1.088	R
CB0050B 02 E									0.150	3.810	2.308	0.041	0.059	1.504	R
CB0050B 03 E									0.200	5.080	1.684	0.030	0.076	1.920	R
CB0050B 04 E									0.250	6.350	1.326	0.024	0.092	2.336	R
CB0050B 05 E									0.300	7.620	1.093	0.020	0.108	2.752	R
CB0050B 06 E									0.350	8.890	0.930	0.017	0.125	3.168	R
CB0050B 07 E									0.400	10.160	0.809	0.014	0.141	3.584	R
CB0050B 08 E									0.450	11.430	0.716	0.013	0.157	4.000	R
CB0050B 09 E									0.500	12.700	0.642	0.011	0.174	4.415	R
CB0055B 01 E	.040	1.02	.047	1.19	.0055	.14	.283	.128	0.100	2.540	5.443	0.097	0.048	1.220	R
CB0055B 02 E									0.150	3.810	3.405	0.061	0.067	1.699	R
CB0055B 03 E									0.200	5.080	2.477	0.044	0.086	2.179	R
CB0055B 04 E									0.250	6.350	1.947	0.035	0.105	2.658	R
CB0055B 05 E									0.300	7.620	1.603	0.029	0.124	3.138	R
CB0055B 06 E									0.350	8.890	1.363	0.024	0.142	3.617	R
CB0055B 07 E									0.400	10.160	1.185	0.021	0.161	4.096	R
CB0055B 08 E									0.450	11.430	1.048	0.019	0.180	4.576	R
CB0055B 09 E									0.500	12.700	0.940	0.017	0.199	5.055	R

SPECIAL INSTRUCTIONS FOR BANTAM MINI COMPRESSION SERIES

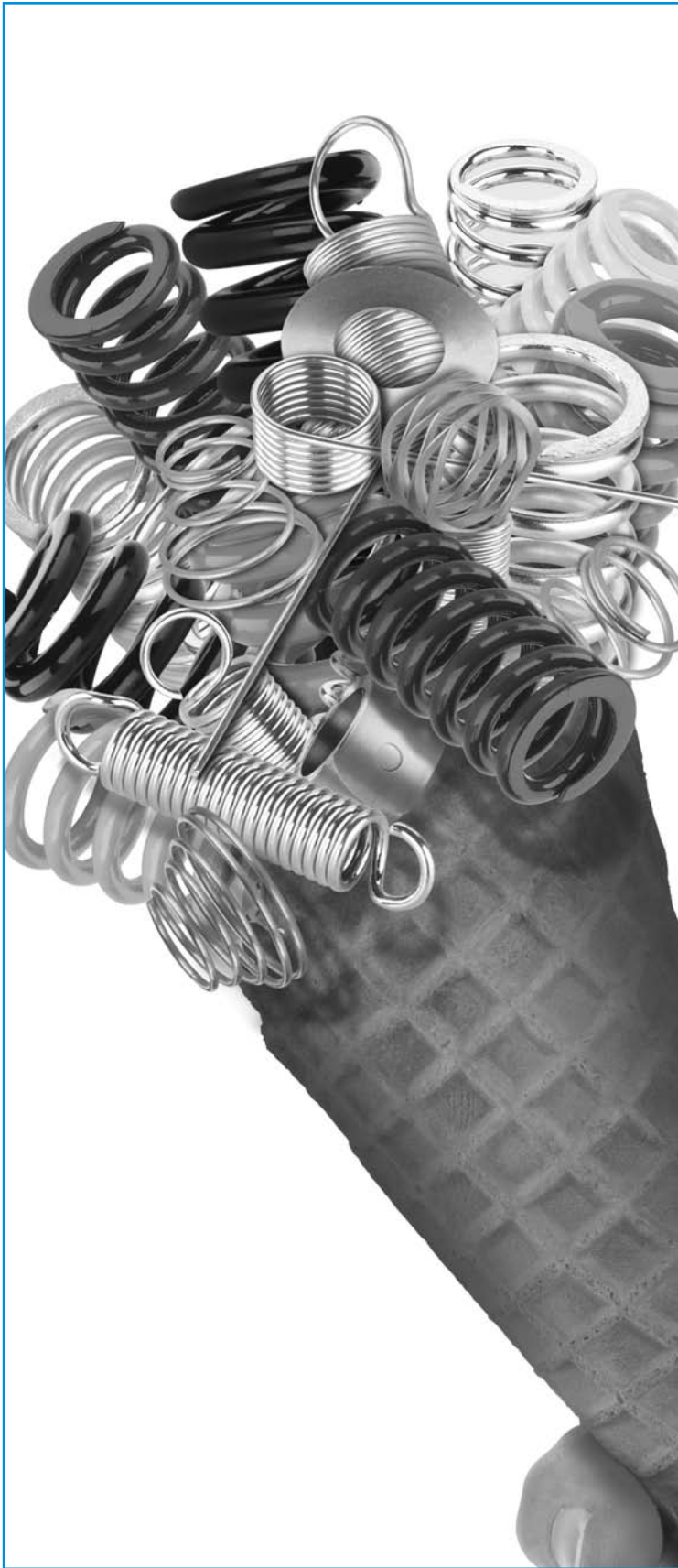
PRICING: See Inside Front Cover for pricing up to 199. To price or order up to 1000 pcs. visit leespring.com; 1000+ pcs. contact Lee Spring.
CALCULATIONS: Spring Rate and Load at Solid Height are pre-calculated for Elgiloy®.

LEE STOCK NUMBER	OUTSIDE DIAMETER		TO WORK IN HOLE DIAMETER		WIRE DIAMETER		APPROX. LOAD AT SOLID HGT.		FREE LENGTH		SPRING RATE		SOLID HEIGHT		PRICE GROUP
	IN.	MM	IN.	MM	IN.	MM	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	
CB0040C 01 E	.057	1.45	.063	1.60	.0040	.10	.071	.032	0.125	3.175	0.712	0.013	0.026	0.648	R
CB0040C 02 E									0.188	4.775	0.457	0.008	0.033	0.840	R
CB0040C 03 E									0.250	6.350	0.338	0.006	0.040	1.028	R
CB0040C 04 E									0.313	7.950	0.267	0.005	0.048	1.220	R
CB0040C 05 E									0.375	9.525	0.222	0.004	0.055	1.408	R
CB0040C 06 E									0.438	11.125	0.189	0.003	0.063	1.600	R
CB0040C 07 E									0.500	12.700	0.165	0.003	0.070	1.788	R
CB0040C 08 E									0.563	14.300	0.146	0.003	0.078	1.979	R
CB0040C 09 E									0.625	15.875	0.131	0.002	0.085	2.168	R
CB0045C 01 E	.057	1.45	.063	1.60	.0045	.11	.102	.046	0.125	3.175	1.073	0.019	0.030	0.765	R
CB0045C 02 E									0.188	4.775	0.686	0.012	0.040	1.004	R
CB0045C 03 E									0.250	6.350	0.506	0.009	0.049	1.239	R
CB0045C 04 E									0.313	7.950	0.400	0.007	0.058	1.478	R
CB0045C 05 E									0.375	9.525	0.331	0.006	0.067	1.713	R
CB0045C 06 E									0.438	11.125	0.282	0.005	0.077	1.951	R
CB0045C 07 E									0.500	12.700	0.246	0.004	0.086	2.186	R
CB0045C 08 E									0.563	14.300	0.218	0.004	0.095	2.425	R
CB0045C 09 E									0.625	15.875	0.196	0.004	0.105	2.660	R
CB0050C 01 E	.057	1.45	.063	1.60	.0050	.13	.141	.064	0.125	3.175	1.565	0.028	0.035	0.886	R
CB0050C 02 E									0.188	4.775	0.995	0.018	0.046	1.175	R
CB0050C 03 E									0.250	6.350	0.733	0.013	0.057	1.460	R
CB0050C 04 E									0.313	7.950	0.578	0.010	0.069	1.749	R
CB0050C 05 E									0.375	9.525	0.478	0.009	0.080	2.034	R
CB0050C 06 E									0.438	11.125	0.407	0.007	0.091	2.323	R
CB0050C 07 E									0.500	12.700	0.355	0.006	0.103	2.608	R
CB0050C 08 E									0.563	14.300	0.314	0.006	0.114	2.897	R
CB0050C 09 E									0.625	15.875	0.282	0.005	0.125	3.181	R
CB0055C 01 E	.057	1.45	.063	1.60	.0055	.14	.190	.086	0.125	3.175	2.222	0.040	0.040	1.009	R
CB0055C 02 E									0.188	4.775	1.406	0.025	0.053	1.351	R
CB0055C 03 E									0.250	6.350	1.033	0.018	0.066	1.688	R
CB0055C 04 E									0.313	7.950	0.813	0.015	0.080	2.030	R
CB0055C 05 E									0.375	9.525	0.673	0.012	0.093	2.367	R
CB0055C 06 E									0.438	11.125	0.572	0.010	0.107	2.710	R
CB0055C 07 E									0.500	12.700	0.499	0.009	0.120	3.046	R
CB0055C 08 E									0.563	14.300	0.441	0.008	0.133	3.389	R
CB0055C 09 E									0.625	15.875	0.396	0.007	0.147	3.726	R



SPECIAL INSTRUCTIONS FOR BANTAM MINI COMPRESSION SERIES

PRICING: See Inside Front Cover for pricing up to 199. To price or order up to 1000 pcs. visit leespring.com; 1000+ pcs. contact Lee Spring.
CALCULATIONS: Spring Rate and Load at Solid Height are pre-calculated for Elgiloy®.



OVER 17,000 FLAVORS.

When it comes to springs, it's not about having the flavor of the day, it's about meeting the need of the moment. That's why whatever, whenever and wherever any type of spring is needed, professionals throughout the world rely on Lee Spring.

Since 1918 Lee Spring has offered the variety and experience to meet just about every stock and custom spring requirement. Our robust inventory consists of over 17,000 off-the-shelf stock items, including our latest additions: REDUX™ Wave Springs, Constant Force Springs, Type 316 Stainless Springs, and Lite Pressure™ Springs. All stock springs ship within 24 hours and ground shipping is free within the continental U.S.

Ordering is easy – online, by phone or by fax. Need help? Our knowledgeable customer service and engineering teams are ready to serve you with years of experience.

Give us a call today. We'll show you that there's more to springs than just plain vanilla.

Lee Spring®

*Not just a better spring,
a better spring company.*