

HEFTY™

Die Springs • Heavy Duty Compression Springs

Costs 20% to 50% Less



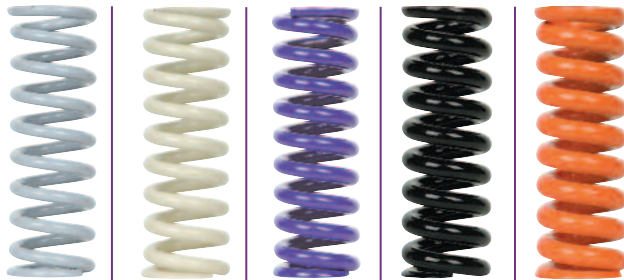
Only HEFTY™ Die Springs offer you the economy of round wire and the durability of chrome silicon or music wire, plus the World Class Service you've come to expect from Lee Spring.

HEFTY™ Die Springs are ideal for any high stress, heavy load application. Our customers have found that our high-performance HEFTY™ Die Springs are also great for use in such diverse applications as clutches, brakes, farm machinery and aircraft mechanisms. And Lee Spring offers five different types of durable HEFTY™ Die Springs with different load ratings to fit standard diameters.

Recent independent testing conducted by the Institute of Spring Technology has proven that Lee Spring's HEFTY™ Die Springs have a life-expectancy equal to traditional rectangular wire die springs.

To find out what HEFTY™ Die Springs can do for your application as well as your budget, call us at +91 80 49376666, or visit us at www.lespring.in.

HEFTY SPRINGS



**MEDIUM
LOAD**
COLOR CODE
GRAY

**MEDIUM
LOAD PLUS**
COLOR CODE
BEIGE

**MEDIUM
HEAVY LOAD**
COLOR CODE
PURPLE

**HEAVY
LOAD**
COLOR CODE
BLACK

**EXTRA HEAVY
LOAD**
COLOR CODE
ORANGE



Lee Spring can manufacture custom HEFTY™ compression springs to your specifications. Contact us today!

HEFTY™ Die Springs

Guide to using tables

Lee Stock Number:
Lee Spring Part Number.

Hole Diameter:
Suggested minimum hole size if needed for spring containment.

Material:
Spring wire the spring is made from, M for Music Wire or C for Chrome Silicon.

Load at 50% Deflection:
The load or force required to deflect noted percentage of the free length.

Solid Height:
Length when fully compressed.

HEFTY SPRINGS

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 50% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB./IN.	KG/MM	IN.	MM
LHL 375A 01					.344	8.74		.052	1.32	1	25.40	28.00	12.70	56.0	1.000	.495	12.57
LHL 375A 02					.334	8.48		.052	1.32	1 1/4	31.75	30.00	13.60	48.0	.857	.615	15.62
LHL 375A 03					.339	8.61		.052	1.32	1 1/2	38.10	28.50	12.93	38.0	.679	.715	18.16
LHL 375A 04					.331	8.41		.052	1.32	1 3/4	44.45	29.75	13.49	34.0	.607	.850	21.59
LHL 375A 05					.339	8.61		.052	1.32	2	50.80	28.00	12.70	28.0	.500	.935	23.75
LHL 375A 06	3/8	9.53	3/16	4.76	.327	8.31	M	.052	1.32	2 1/2	63.50	30.00	13.60	24.0	.428	1.200	30.48
LHL 375A 07					.350	8.89		.052	1.32	3	76.20	27.00	12.25	18.0	.321	1.425	36.20
LHL 375A 7A					.347	8.81		.052	1.32	4	101.60	28.00	12.70	14.0	.250	1.200	30.48

Rod Diameter:
Suggested maximum rod size if needed to guide the inside of the spring.

Nominal Outside Diameter:
Spring outer diameter, parts listed in ascending order.

Wire Diameter:
In ascending order of size, within each group of outside diameters.

Free Length:
The overall height of the spring in the unloaded position.

Spring Rate:
Change in load or force per unit of deflection.

Additional Information

Tips For Selecting And Using Hefty Die Springs

- Determine if springs will be used for short run, average cycle long run, rapid cycle or extra stress and then refer to appropriate section (medium load, etc.).
- Use as many springs in the die as space permits with the least amount of deflection.
- The more rapidly a spring is cycled, the greater the need to operate within the ideal operating range.
- Make sure hole and rod sizes in die are properly matched with spring. Faulty spring guidance will cause buckling and possible spring failure.
- Preventive maintenance on dies should be performed on a regular basis and die springs should be replaced at appropriate intervals to prevent downtime.
- Replace all springs in a die at the same time. This will insure an even distribution of the load.

- Do not rework die springs by grinding the inside or outside diameter or by cutting off coils. This could result in premature spring failure and possible die damage.
- Please note that load calculations for HEFTY™ springs are based on a deflection that is a percentage of the Free Length. "Load at 50% Deflection" should be interpreted to mean 50% deflection of the Free Length. The following is a sample calculation for the "Load at 50% Deflection" for Part Number LHL 375A 01, where Free Length = 1 inch and Rate = 56 lb/in and 50% of Free Length = 1/2 inch. The load is calculated by using the formula (found on page 3): $P = R \times F$ or $R \times F = P$ (i.e. $56 \text{ lb/in} \times 1/2 \text{ in} = 28 \text{ lb.}$)

For additional information, pricing, availability, and technical support please contact Lee Spring by calling +91 80 49376666 or by email at india-sales@leespring.com

HEFTY SPRINGS: MEDIUM LOAD SERIES (COLOR CODE GRAY)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 25% to 35% of Free Length]

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 50% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 375A 01	3/8	9.53	3/16	4.76	.344	8.74	M	.052	1.32	1	25.40	28.00	12.70	56.0	1.000	.495	12.57
LHL 375A 02					.334	8.48		.052	1.32	1 1/4	31.75	30.00	13.60	48.0	.857	.615	15.62
LHL 375A 03					.339	8.61		.052	1.32	1 1/2	38.10	28.50	12.93	38.0	.679	.715	18.16
LHL 375A 04					.331	8.41		.052	1.32	1 3/4	44.45	29.75	13.49	34.0	.607	.850	21.59
LHL 375A 05					.339	8.61		.052	1.32	2	50.80	28.00	12.70	28.0	.500	.935	23.75
LHL 375A 06					.327	8.31		.052	1.32	2 1/2	63.50	30.00	13.60	24.0	.428	1.200	30.48
LHL 375A 07					.350	8.89		.052	1.32	3	76.20	27.00	12.25	18.0	.321	1.425	36.20
LHL 375A 7A					.347	8.81		.052	1.32	4	101.60	28.00	12.70	14.0	.250	1.880	47.75
LHL 375A 7B					.347	8.81		.052	1.32	5	127.00	27.50	12.47	11.0	.196	2.360	59.94
LHL 375A 08					.330	8.38		.052	1.32	6	152.40	28.50	12.93	9.5	.170	2.795	71.00
LHL 375A 09	.345	8.76	.052	1.32	7	177.80	28.00	12.70	8.0	.143	3.280	83.31					
LHL 375A 10	.343	8.71	.052	1.32	8	203.20	28.00	12.70	7.0	.125	3.800	96.52					
LHL 500A 01	1/2	12.70	9/32	7.14	.480	12.19	M	.070	1.78	1	25.40	50.00	22.68	100.0	1.786	.490	12.45
LHL 500A 02					.471	11.96		.072	1.83	1 1/4	31.75	57.50	26.08	92.0	1.643	.620	15.75
LHL 500A 03					.465	11.81		.072	1.83	1 1/2	38.10	57.00	25.86	76.0	1.357	.750	19.05
LHL 500A 04					.456	11.58		.072	1.83	1 3/4	44.45	59.50	26.99	68.0	1.214	.870	22.10
LHL 500A 05					.473	12.01		.075	1.91	2	50.80	64.00	29.03	64.0	1.143	.995	25.27
LHL 500A 06					.467	11.86		.075	1.91	2 1/2	63.50	65.00	29.48	52.0	.929	1.240	31.50
LHL 500A 07					.475	12.07		.075	1.91	3	76.20	60.00	27.22	40.0	.714	1.490	37.85
LHL 500A 08					.466	11.84		.072	1.83	3 1/2	88.90	52.50	23.81	30.0	.536	1.670	42.42
LHL 500A 8A					.475	12.07		.072	1.83	4	101.60	55.00	24.95	27.5	.491	1.900	48.26
LHL 500A 09					.478	12.14		.075	1.91	4 1/2	114.30	56.25	25.51	25.0	.446	2.235	56.77
LHL 500A 9A					.475	12.07		.072	1.83	5	127.00	55.00	24.95	22.0	.393	2.340	59.44
LHL 500A 10					.473	12.01		.075	1.91	5 1/2	139.70	57.75	26.20	21.0	.375	3.000	76.20
LHL 500A 10A	.475	12.07	.072	1.83	6	152.40	54.00	24.49	18.0	.321	2.820	71.63					
LHL 500A 11	.458	11.63	.072	1.83	6 1/2	165.10	52.00	23.59	16.0	.286	3.175	80.65					
LHL 500A 11A	.477	12.12	.072	1.83	7	177.80	52.50	23.81	15.0	.268	3.320	84.33					
LHL 500A 12	.466	11.84	.070	1.78	7 1/2	190.50	41.25	18.71	11.0	.196	3.680	93.47					
LHL 500A 12A	.470	11.94	.067	1.70	8	203.20	40.00	18.14	10.0	.179	3.700	93.98					
LHL 625A 01	5/8	15.88	11/32	8.73	.581	14.76	M	.082	2.08	1	25.40	65.50	29.71	131.0	2.339	.495	12.57
LHL 625A 02					.588	14.94		.087	2.21	1 1/4	31.75	80.00	36.29	128.0	2.286	.620	15.75
LHL 625A 03					.577	14.66		.087	2.21	1 1/2	38.10	81.00	36.74	108.0	1.929	.740	18.80
LHL 625A 04					.562	14.28		.087	2.21	1 3/4	44.45	84.00	38.10	96.0	1.714	.870	22.10
LHL 625A 05					.582	14.78		.090	2.29	2	50.80	88.00	39.92	88.0	1.572	.990	25.15
LHL 625A 06					.572	14.53		.087	2.21	2 1/2	63.50	75.00	34.02	60.0	1.071	1.225	31.12
LHL 625A 07					.578	14.68		.090	2.29	3	76.20	84.00	38.10	56.0	1.000	1.490	37.85
LHL 625A 08					.575	14.61		.090	2.29	3 1/2	88.90	84.00	38.10	48.0	.857	1.740	44.20
LHL 625A 09					.565	14.35		.090	2.29	4	101.60	88.00	39.92	44.0	.786	1.985	50.42
LHL 625A 9A					.585	14.86		.087	2.21	5	127.00	75.00	34.02	30.0	.536	2.340	59.44
LHL 625A 10					.575	14.61		.090	2.29	6	152.40	84.00	38.10	28.0	.500	2.850	72.39
LHL 625A 11					.575	14.61		.087	2.21	7	177.80	77.00	34.93	22.0	.393	3.320	84.33
LHL 625A 12					.575	14.61		.087	2.21	8	203.20	76.00	34.47	19.0	.339	3.800	96.52
LHL 625A 14					.578	14.68		.090	2.29	12	304.80	87.00	39.46	14.5	.259	5.712	145.08

HEFTY SPRINGS



SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.
CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.

HEFTY SPRINGS: MEDIUM LOAD SERIES (COLOR CODE GRAY)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 25% to 35% of Free Length]

HEFTY SPRINGS

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 50% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 750A 01	3/4	19.05	3/8	9.53	.720	18.29	M	.095	2.41	1	25.40	80.00	36.29	160.0	2.857	.480	12.19
LHL 750A 02					.725	18.42		.098	2.49	1 1/4	31.75	81.25	36.85	130.0	2.322	.605	15.37
LHL 750A 03					.725	18.42		.100	2.54	1 1/2	38.10	86.25	39.12	115.0	2.054	.720	18.29
LHL 750A 04					.720	18.29		.100	2.54	1 3/4	44.45	87.50	39.69	100.0	1.786	.810	20.57
LHL 750A 05					.720	18.29		.102	2.59	2	50.80	90.00	40.82	90.0	1.607	.960	24.38
LHL 750A 06					.720	18.29		.102	2.59	2 1/2	63.50	87.50	39.12	70.0	1.250	1.170	29.72
LHL 750A 07					.720	18.29		.102	2.59	3	76.20	90.00	40.82	60.0	1.071	1.330	33.78
LHL 750A 08					.723	18.36		.105	2.67	3 1/2	88.90	96.25	43.66	55.0	.982	1.630	41.40
LHL 750A 09					.723	18.36		.105	2.67	4	101.60	100.00	45.36	50.0	.893	1.775	45.09
LHL 750A 10					.715	18.16		.105	2.67	4 1/2	114.30	101.25	45.93	45.0	.804	2.015	51.18
LHL 750A 11					.710	18.03		.105	2.67	5	127.00	100.00	45.36	40.0	.714	2.290	58.17
LHL 750A 12					.710	18.03		.105	2.67	5 1/2	139.70	96.25	43.66	35.0	.625	2.590	65.79
LHL 750A 13					.710	18.03		.105	2.67	6	152.40	97.50	44.23	32.5	.580	2.770	70.36
LHL 750A 13A					.710	18.03		.105	2.67	6 1/2	165.10	95.88	43.49	29.5	.527	3.080	78.23
LHL 750A 14					.715	18.16		.105	2.67	7	177.80	98.00	44.45	28.0	.500	3.280	83.31
LHL 750A 14A					.720	18.29		.110	2.79	7 1/2	190.50	120.00	54.43	32.0	.571	3.570	90.68
LHL 750A 15					.717	18.21		.110	2.79	8	203.20	122.00	55.34	30.5	.545	3.800	96.52
LHL 750A 17	.710	18.03	.105	2.67	12	304.80	95.40	43.27	15.9	.284	5.671	144.04					
LHL 1000A 01	1	25.40	1/2	12.70	.960	24.38	C	.125	3.18	1	25.40	135.00	61.24	270.0	4.822	.500	12.70
LHL 1000A 02					.965	24.51		.128	3.25	1 1/4	31.75	140.62	63.78	225.0	4.018	.625	15.88
LHL 1000A 03					.965	24.51		.128	3.25	1 1/2	38.10	135.00	61.24	180.0	3.214	.735	18.67
LHL 1000A 04					.950	24.13		.128	3.25	1 3/4	44.45	135.62	61.52	155.0	2.768	.835	21.21
LHL 1000A 05					.940	23.88		.128	3.25	2	50.80	135.00	61.24	135.0	2.411	.945	24.00
LHL 1000A 06					.965	24.51		.135	3.43	2 1/2	63.50	150.00	68.04	120.0	2.143	1.215	30.86
LHL 1000A 07					.960	24.38		.135	3.43	3	76.20	150.00	68.04	100.0	1.786	1.430	36.32
LHL 1000A 08					.960	24.38		.135	3.43	3 1/2	88.90	148.75	67.47	85.0	1.518	1.630	41.40
LHL 1000A 09					.960	24.38		.135	3.43	4	101.60	150.00	68.04	75.0	1.339	1.810	45.97
LHL 1000A 10					.940	23.88		.135	3.43	4 1/2	114.30	157.50	71.44	70.0	1.250	2.050	52.07
LHL 1000A 11					.940	23.88		.135	3.43	5	127.00	156.25	70.87	62.5	1.116	2.260	57.40
LHL 1000A 12					.940	23.88		.135	3.43	5 1/2	139.70	151.25	68.61	55.0	.982	2.525	64.14
LHL 1000A 13					.940	23.88		.135	3.43	6	152.40	150.00	68.04	50.0	.893	2.755	69.98
LHL 1000A 14					.940	23.88		.135	3.43	7	177.80	148.75	67.47	42.5	.759	3.300	83.82
LHL 1000A 15					.960	24.38		.142	3.61	8	203.20	184.00	83.46	46.0	.821	3.760	95.50
LHL 1250A 01	1 1/4	31.75	5/8	15.88	1.200	30.48	C	.156	3.96	1 1/2	38.10	202.50	91.85	270.0	4.822	.745	18.92
LHL 1250A 02					1.200	30.48		.156	3.96	1 3/4	44.45	192.50	87.32	220.0	3.929	.850	21.59
LHL 1250A 03					1.200	30.48		.156	3.96	2	50.80	190.00	86.18	190.0	3.393	.935	23.75
LHL 1250A 04					1.200	30.48		.162	4.11	2 1/2	63.50	212.50	96.39	170.0	3.036	1.175	29.85
LHL 1250A 05					1.215	30.86		.170	4.32	3	76.20	236.25	107.16	157.5	2.813	1.480	37.59
LHL 1250A 06					1.200	30.48		.170	4.32	3 1/2	88.90	245.00	111.13	140.0	2.500	1.685	42.80
LHL 1250A 07					1.200	30.48		.170	4.32	4	101.60	240.00	108.86	120.0	2.143	1.905	48.39
LHL 1250A 08					1.180	29.97		.170	4.32	4 1/2	114.30	247.50	112.26	110.0	1.964	2.150	54.61
LHL 1250A 09					1.170	29.72		.170	4.32	5	127.00	250.00	113.40	100.0	1.786	2.390	60.71
LHL 1250A 10					1.170	29.72		.170	4.32	5 1/2	139.70	247.50	112.26	90.0	1.607	2.620	66.55
LHL 1250A 11					1.170	29.72		.170	4.32	6	152.40	247.50	112.26	82.5	1.473	2.825	71.76
LHL 1250A 12					1.170	29.72		.170	4.32	7	177.80	244.30	110.81	69.8	1.246	3.264	82.91
LHL 1250A 13					1.180	29.97		.177	4.50	8	203.20	300.00	136.08	75.0	1.339	3.780	96.01

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ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 25% to 35% of Free Length]

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 50% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 1500A 01	1 1/2	38.10	3/4	19.05	1.430	36.32	C	.187	4.75	2	50.80	280.00	127.01	280.0	5.000	.990	25.15
LHL 1500A 02					1.430	36.32		.192	4.88	2 1/2	63.50	300.00	136.08	240.0	4.286	1.215	30.86
LHL 1500A 03					1.390	35.31		.195	4.95	3	76.20	330.00	149.69	220.0	3.929	1.475	37.47
LHL 1500A 04					1.360	34.54		.195	4.95	3 1/2	88.90	341.25	154.79	195.0	3.482	1.715	43.56
LHL 1500A 05					1.450	36.83		.207	5.26	4	101.60	370.00	167.83	185.0	3.304	1.960	49.78
LHL 1500A 06					1.450	36.83		.207	5.26	4 1/2	114.30	360.00	163.29	160.0	2.857	2.205	56.01
LHL 1500A 07					1.430	36.32		.207	5.26	5	127.00	375.00	170.09	150.0	2.679	2.415	61.34
LHL 1500A 08					1.410	35.82		.207	5.26	5 1/2	139.70	385.00	174.63	140.0	2.500	2.670	67.82
LHL 1500A 09					1.385	35.18		.207	5.26	6	152.40	397.50	180.30	132.5	2.366	2.950	74.93
LHL 1500A 10					1.385	35.18		.207	5.26	7	177.80	402.50	182.57	115.0	2.054	3.320	84.33
LHL 1500A 11					1.395	35.43		.207	5.26	8	203.20	400.00	181.44	100.0	1.786	3.780	96.01
LHL 2000A 01	2	50.80	1	25.40	1.940	49.28	C	.262	6.65	2 1/2	63.50	562.50	255.15	450.0	8.036	1.250	31.75
LHL 2000A 02					1.880	47.75		.262	6.65	3	76.20	600.00	272.16	400.0	7.143	1.500	38.10
LHL 2000A 03					1.860	47.24		.262	6.65	3 1/2	88.90	595.00	269.89	340.0	6.072	1.715	43.56
LHL 2000A 04					1.840	46.74		.262	6.65	4	101.60	600.00	272.16	300.0	5.357	1.970	50.04
LHL 2000A 05					1.840	46.74		.262	6.65	4 1/2	114.30	596.25	270.46	265.0	4.732	2.170	55.12
LHL 2000A 06					1.830	46.48		.262	6.65	5	127.00	587.50	266.49	235.0	4.196	2.400	60.96
LHL 2000A 07					1.830	46.48		.262	6.65	5 1/2	139.70	591.25	268.19	215.0	3.839	2.680	68.07
LHL 2000A 08					1.795	45.59		.262	6.65	6	152.40	615.00	278.96	205.0	3.661	2.940	74.68
LHL 2000A 09					1.795	45.59		.262	6.65	7	177.80	614.25	278.62	175.5	3.134	3.331	84.61
LHL 2000A 10					1.795	45.59		.262	6.65	8	203.20	620.00	281.23	155.0	2.768	3.780	96.01

HEFTY SPRINGS



SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.
CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.

HEFTY SPRINGS: MEDIUM LOAD PLUS SERIES (COLOR CODE BEIGE)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 25% to 35% of Free Length]

HEFTY SPRINGS

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 37% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 375AB 01	3/8	9.53	3/16	4.76	.340	8.64	M	.055	1.397	1	25.40	27.01	12.25	73.0	1.310	.574	14.57
LHL 375AB 02					.340	8.64		.055	1.397	1 1/4	31.75	27.75	12.59	60.0	1.074	.674	17.11
LHL 375AB 03					.340	8.64		.055	1.397	1 1/2	38.10	28.86	13.09	52.0	.930	.759	19.28
LHL 375AB 04					.340	8.64		.055	1.397	1 3/4	44.45	29.79	13.51	46.0	.823	.844	21.43
LHL 375AB 05					.340	8.64		.057	1.448	2	50.80	28.86	13.09	39.0	.698	1.169	29.69
LHL 375AB 06					.340	8.64		.057	1.448	2 1/2	63.50	30.53	13.85	33.0	.590	1.361	34.56
LHL 375AB 07					.340	8.64		.057	1.448	3	76.20	26.64	12.08	24.0	.429	1.826	46.39
LHL 375AB 08					.340	8.64		.057	1.448	6	152.40	28.86	13.09	13.0	.223	3.399	86.33
LHL 500AB 01	1/2	12.70	9/32	7.14	.475	12.07	M	.075	1.905	1	25.40	49.58	22.49	134.0	2.393	.582	14.78
LHL 500AB 02					.475	12.07		.075	1.905	1 1/4	31.75	49.95	22.66	108.0	1.929	.685	17.40
LHL 500AB 03					.475	12.07		.078	1.981	1 1/2	38.10	54.39	24.67	98.0	1.750	.888	22.55
LHL 500AB 04					.475	12.07		.078	1.981	1 3/4	44.45	55.69	25.26	86.0	1.536	.999	25.38
LHL 500AB 05					.475	12.07		.078	1.981	2	50.80	56.24	25.51	76.0	1.357	1.102	27.99
LHL 500AB 06					.475	12.07		.078	1.981	2 1/2	63.50	55.50	25.17	60.0	1.071	1.349	34.27
LHL 500AB 07					.475	12.07		.078	1.981	3	76.20	53.28	24.17	48.0	.857	1.648	41.86
LHL 500AB 08					.475	12.07		.078	1.981	3 1/2	88.90	49.21	22.32	38.0	.679	2.060	52.32
LHL 500AB 09					.475	12.07		.078	1.981	6	152.40	44.40	20.14	20.0	.357	3.726	94.63
LHL 625AB 01	5/8	15.88	11/32	8.73	.581	14.76	M	.091	2.311	1	25.40	72.15	32.73	195.0	3.482	.609	15.46
LHL 625AB 02					.585	14.86		.093	2.362	1 1/4	31.75	77.70	35.24	168.0	3.000	.731	18.58
LHL 625AB 03					.580	14.73		.095	2.413	1 1/2	38.10	82.70	37.51	149.0	2.661	.906	23.02
LHL 625AB 04					.570	14.48		.095	2.413	1 3/4	44.45	82.88	37.59	128.0	2.286	1.068	27.13
LHL 625AB 05					.590	14.99		.098	2.489	2	50.80	87.32	39.61	118.0	2.107	1.196	30.37
LHL 625AB 06					.590	14.99		.098	2.489	2 1/2	63.50	81.40	36.92	88.0	1.572	1.535	38.98
LHL 625AB 07					.590	14.99		.098	2.489	3	76.20	86.58	39.27	78.0	1.393	1.706	43.32
LHL 625AB 08					.580	14.73		.098	2.489	3 1/2	88.90	86.77	39.36	67.0	1.196	2.078	52.77
LHL 625AB 09					.580	14.73		.098	2.489	4	101.60	88.80	40.28	60.0	1.071	2.280	57.92
LHL 625AB 10					.580	14.73		.100	2.540	6	152.40	86.58	39.27	39.0	.696	3.788	96.22
LHL 750AB 01	3/4	19.05	3/8	9.53	.725	18.42	M	.112	2.845	1	25.40	101.01	45.82	273.0	4.875	.645	16.38
LHL 750AB 02					.720	18.29		.115	2.921	1 1/4	31.75	111.00	50.35	240.0	4.286	.796	20.22
LHL 750AB 03					.720	18.29		.115	2.921	1 1/2	38.10	107.12	48.59	193.0	3.447	.933	23.70
LHL 750AB 04					.695	17.65		.115	2.921	1 3/4	44.45	117.20	53.16	181.0	3.232	1.078	27.39
LHL 750AB 05					.680	17.27		.115	2.921	2	50.80	119.88	54.38	162.0	2.893	1.255	31.87
LHL 750AB 06					.685	17.40		.115	2.921	2 1/2	63.50	113.78	51.61	123.0	2.197	1.542	39.16
LHL 750AB 07					.700	17.78		.115	2.921	3	76.20	113.22	51.36	102.0	1.822	1.758	44.66
LHL 750AB 08					.700	17.78		.115	2.921	3 1/2	88.90	116.55	52.87	90.0	1.607	1.885	47.88
LHL 750AB 09					.690	17.53		.118	2.997	4	101.60	125.80	57.06	85.0	1.518	2.585	65.67
LHL 750AB 10					.680	17.27		.118	2.997	4 1/2	114.30	121.55	55.13	73.0	1.304	2.835	72.00
LHL 750AB 11					.670	17.02		.118	2.997	5	127.00	123.95	56.22	67.0	1.196	3.213	81.60
LHL 750AB 12					.670	17.02		.118	2.997	5 1/2	139.70	124.14	56.31	61.0	1.089	3.524	89.50
LHL 750AB 13					.680	17.27		.118	2.997	6	152.40	124.32	56.39	56.0	1.000	3.799	96.49

SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

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HEFTY SPRINGS: MEDIUM LOAD PLUS SERIES (COLOR CODE BEIGE)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 25% to 35% of Free Length]

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 37% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 1000AB 01	1	25.40	1/2	12.70	.965	24.51	C	.142	3.607	1	25.40	160.21	72.67	433.0	7.733	.630	16.00
LHL 1000AB 02					.935	23.75		.142	3.607	1 1/4	31.75	169.28	76.78	366.0	6.536	.760	19.31
LHL 1000AB 03					.900	22.86		.142	3.607	1 1/2	38.10	182.59	82.83	329.0	5.875	.941	23.91
LHL 1000AB 04					.935	23.75		.148	3.759	1 3/4	44.45	189.07	85.76	292.0	5.215	1.043	26.50
LHL 1000AB 05					.935	23.75		.148	3.759	2	50.80	185.74	84.25	251.0	4.482	1.164	29.56
LHL 1000AB 06					.925	23.50		.148	3.759	2 1/2	63.50	188.70	85.59	204.0	3.643	1.404	35.66
LHL 1000AB 07					.925	23.50		.148	3.759	3	76.20	184.26	83.58	166.0	2.964	1.655	42.04
LHL 1000AB 08					.900	22.86		.148	3.759	3 1/2	88.90	194.25	88.11	150.0	2.679	1.953	49.60
LHL 1000AB 09					.950	24.13		.156	3.962	4	101.60	192.40	87.27	130.0	2.322	2.424	61.56
LHL 1000AB 10					.970	24.64		.156	3.962	4 1/2	114.30	184.82	83.83	111.0	1.982	2.606	66.19
LHL 1000AB 11					.970	24.64		.156	3.962	5	127.00	190.55	86.43	103.0	1.839	2.784	70.72
LHL 1000AB 12					.970	24.64		.156	3.962	5 1/2	139.70	187.22	84.92	92.0	1.643	3.079	78.20
LHL 1000AB 13					.970	24.64		.156	3.962	6	152.40	179.82	81.57	81.0	1.446	3.453	87.70
LHL 1250AB 01	1 1/4	31.75	5/8	15.88	1.200	30.48	C	.177	4.572	1 1/2	38.10	259.74	117.82	468.0	8.358	.934	23.73
LHL 1250AB 02					1.190	30.23		.177	4.572	1 3/4	44.45	261.59	118.66	404.0	7.215	1.043	26.50
LHL 1250AB 03					1.170	29.72		.177	4.572	2	50.80	265.66	120.50	359.0	6.411	1.175	29.85
LHL 1250AB 04					1.180	29.97		.187	4.750	2 1/2	63.50	294.15	133.43	318.0	5.679	1.472	37.39
LHL 1250AB 05					1.170	29.72		.192	4.877	3	76.20	318.57	144.50	287.0	5.125	1.832	46.54
LHL 1250AB 06					1.170	29.72		.192	4.877	3 1/2	88.90	319.87	145.09	247.0	4.411	2.070	52.59
LHL 1250AB 07					1.170	29.72		.192	4.877	4	101.60	319.68	145.01	216.0	3.857	2.307	58.60
LHL 1250AB 08					1.160	29.46		.192	4.877	4 1/2	114.30	323.01	146.52	194.0	3.464	2.575	65.41
LHL 1250AB 09					1.150	29.21		.192	4.877	5	127.00	325.60	147.69	176.0	3.143	2.896	73.57
LHL 1250AB 10					1.160	29.46		.192	4.877	5 1/2	139.70	319.50	144.92	157.0	2.804	3.109	78.96
LHL 1250AB 11					1.160	29.46		.192	4.877	6	152.40	319.68	145.01	144.0	2.572	3.354	85.18
LHL 1500AB 01	1 1/2	38.10	3/4	19.05	1.440	36.58	C	.218	5.537	2	50.80	378.88	171.86	512.0	9.143	1.230	31.24
LHL 1500AB 02					1.440	36.58		.218	5.537	2 1/2	63.50	355.20	161.12	384.0	6.857	1.490	37.86
LHL 1500AB 03					1.440	36.58		.225	5.715	3	76.20	389.61	176.73	351.0	6.268	1.819	46.20
LHL 1500AB 04					1.440	36.58		.234	5.944	3 1/2	88.90	467.56	212.06	361.0	6.447	2.123	53.92
LHL 1500AB 05					1.440	36.58		.234	5.944	4	101.60	436.60	198.04	295.0	5.268	2.490	63.23
LHL 1500AB 06					1.440	36.58		.234	5.944	4 1/2	114.30	427.91	194.10	257.0	4.590	2.785	70.74
LHL 1500AB 07					1.440	36.58		.234	5.944	5	127.00	462.50	209.79	250.0	4.465	2.851	72.42
LHL 1500AB 08					1.440	36.58		.234	5.944	5 1/2	139.70	427.35	193.85	210.0	3.750	3.302	83.88
LHL 1500AB 09					1.440	36.58		.234	5.944	6	152.40	444.00	201.40	200.0	3.572	3.440	87.38
LHL 2000AB 01	2	50.80	1	25.40	1.890	48.01	C	.283	7.188	2 1/2	63.50	641.03	290.77	693.0	12.376	1.518	38.56
LHL 2000AB 02					1.850	46.99		.283	7.188	3	76.20	652.68	296.06	588.0	10.501	1.772	45.00
LHL 2000AB 03					1.800	45.72		.283	7.188	3 1/2	88.90	669.52	303.69	517.0	9.233	2.073	52.66
LHL 2000AB 04					1.790	45.47		.283	7.188	4	101.60	671.92	304.78	454.0	8.108	2.311	58.71
LHL 2000AB 05					1.760	44.70		.283	7.188	4 1/2	114.30	682.65	309.65	410.0	7.322	2.616	66.45
LHL 2000AB 06					1.730	43.94		.283	7.188	5	127.00	691.90	313.85	374.0	6.679	2.954	75.03
LHL 2000AB 07					1.720	43.69		.283	7.188	5 1/2	139.70	689.01	316.62	343.0	6.125	3.227	81.97
LHL 2000AB 08					1.700	43.18		.283	7.188	6	152.40	701.52	318.21	316.0	5.643	3.572	90.73

HEFTY SPRINGS



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ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 20% to 25% of Free Length]

HEFTY SPRINGS

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 37% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 375B 01	3/8	9.53	3/16	4.76	.343	8.71	M	.058	1.47	1	25.40	33.30	15.10	90.0	1.607	.585	14.86
LHL 375B 02					.337	8.56		.058	1.47	1 1/4	31.75	33.76	15.31	73.0	1.304	.730	18.54
LHL 375B 03					.325	8.26		.058	1.47	1 1/2	38.10	37.19	16.87	67.0	1.196	.875	22.23
LHL 375B 04					.330	8.38		.059	1.50	1 3/4	44.45	37.56	17.03	58.0	1.036	1.040	26.42
LHL 375B 05					.329	8.36		.059	1.50	2	50.80	37.00	16.78	50.0	.893	1.185	30.10
LHL 375B 06					.327	8.31		.059	1.50	2 1/2	63.50	38.85	17.62	42.0	.750	1.420	36.07
LHL 375B 07					.328	8.33		.058	1.47	3	76.20	33.30	15.10	30.0	.536	1.750	44.45
LHL 375B 7A					.328	8.33		.058	1.47	4	101.60	35.52	16.11	24.0	.429	2.380	60.45
LHL 375B 7B					.328	8.33		.058	1.47	5	127.00	36.08	16.36	19.5	.348	2.940	74.68
LHL 375B 08					.330	8.38		.058	1.47	6	152.40	33.30	15.10	15.0	.268	3.320	84.33
LHL 375B 09	.335	8.51	.058	1.47	7	177.80	33.67	15.27	13.0	.232	4.100	104.14					
LHL 375B 10	.340	8.64	.058	1.47	8	203.20	32.56	14.77	11.0	.196	4.540	115.32					
LHL 500B 01	1/2	12.70	9/32	7.14	.461	11.71	M	.078	1.98	1	25.40	62.16	28.20	168.0	3.000	.605	15.37
LHL 500B 02					.466	11.84		.080	2.03	1 1/4	31.75	64.29	29.16	139.0	2.482	.765	19.43
LHL 500B 03					.455	11.56		.080	2.03	1 1/2	38.10	66.60	30.21	120.0	2.143	.920	23.37
LHL 500B 04					.460	11.68		.080	2.03	1 3/4	44.45	67.34	30.55	104.0	1.857	1.010	25.65
LHL 500B 05					.461	11.71		.080	2.03	2	50.80	64.38	29.20	87.0	1.554	1.170	29.72
LHL 500B 06					.461	11.71		.080	2.03	2 1/2	63.50	62.90	28.53	68.0	1.214	1.450	36.83
LHL 500B 07					.461	11.71		.080	2.03	3	76.20	63.27	28.70	57.0	1.018	1.690	42.93
LHL 500B 08					.461	11.71		.080	2.03	3 1/2	88.90	60.87	27.61	47.0	.839	2.020	51.31
LHL 500B 8A					.461	11.71		.080	2.03	4	101.60	63.64	28.87	43.0	.768	2.380	60.45
LHL 500B 8B					.461	11.71		.080	2.03	5	127.00	62.90	28.53	34.0	.607	2.970	75.44
LHL 500B 09					.461	11.71		.080	2.03	6	152.40	59.94	27.19	27.0	.482	3.400	86.36
LHL 500B 10	.461	11.71	.080	2.03	7	177.80	64.75	29.37	25.0	.446	4.100	104.14					
LHL 500B 11	.461	11.71	.080	2.03	8	203.20	65.12	29.54	22.0	.393	4.540	115.32					
LHL 625B 01	5/8	15.88	11/32	8.73	.581	14.76	M	.098	2.49	1	25.40	102.49	46.49	277.0	4.947	.615	15.62
LHL 625B 02					.578	14.68		.098	2.49	1 1/4	31.75	96.20	43.64	208.0	3.714	.765	19.43
LHL 625B 03					.571	14.50		.100	2.54	1 1/2	38.10	105.45	47.83	190.0	3.393	.930	23.62
LHL 625B 04					.580	14.73		.102	2.59	1 3/4	44.45	108.78	49.34	168.0	3.000	1.080	27.43
LHL 625B 05					.574	14.58		.102	2.59	2	50.80	109.52	49.68	148.0	2.643	1.230	31.24
LHL 625B 06					.572	14.53		.102	2.59	2 1/2	63.50	106.38	48.25	115.0	2.054	1.535	38.99
LHL 625B 07					.586	14.88		.105	2.67	3	76.20	111.00	50.35	100.0	1.786	1.865	47.37
LHL 625B 08					.586	14.88		.105	2.67	3 1/2	88.90	110.08	49.93	85.0	1.518	2.160	54.86
LHL 625B 09					.582	14.78		.105	2.67	4	101.60	112.48	51.02	76.0	1.357	2.450	62.23
LHL 625B 9A					.582	14.78		.105	2.67	5	127.00	120.25	54.55	65.0	1.161	2.980	75.69
LHL 625B 10					.577	14.66		.105	2.67	6	152.40	111.00	50.35	50.0	.893	3.715	94.36
LHL 625B 11					.582	14.78		.105	2.67	7	177.80	119.14	54.04	46.0	.821	4.100	104.14
LHL 625B 12	.585	14.86	.105	2.67	8	203.20	118.40	53.71	40.0	.714	4.700	119.38					

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HEFTY SPRINGS: MEDIUM HEAVY LOAD SERIES (COLOR CODE PURPLE)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 20% to 25% of Free Length]

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 37% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 750B 01	3/4	19.05	3/8	9.53	.710	18.03	C	.120	3.05	1	25.40	166.50	75.52	450.0	8.036	.630	16.00
LHL 750B 02					.725	18.42		.125	3.18	1 1/4	31.75	178.06	80.77	385.0	6.875	.780	19.81
LHL 750B 03					.715	18.16		.125	3.18	1 1/2	38.10	177.60	80.56	320.0	5.715	.925	23.50
LHL 750B 04					.695	17.65		.125	3.18	1 3/4	44.45	186.48	84.59	288.0	5.143	1.080	27.43
LHL 750B 05					.690	17.53		.125	3.18	2	50.80	183.52	83.24	248.0	4.429	1.240	31.50
LHL 750B 06					.690	17.53		.125	3.18	2 1/2	63.50	177.60	80.56	192.0	3.429	1.525	38.74
LHL 750B 07					.710	18.03		.125	3.18	3	76.20	159.84	72.50	144.0	2.572	1.780	45.21
LHL 750B 08					.700	17.78		.125	3.18	3 1/2	88.90	165.76	75.19	128.0	2.286	2.065	52.45
LHL 750B 09					.680	17.27		.125	3.18	4	101.60	177.60	80.56	120.0	2.143	2.400	60.96
LHL 750B 10					.655	16.89		.125	3.18	4 1/2	114.30	186.48	84.59	112.0	2.000	2.750	69.85
LHL 750B 11					.655	16.64		.125	3.18	5	127.00	192.40	87.27	104.0	1.857	3.095	78.61
LHL 750B 12					.650	16.51		.125	3.18	5 1/2	139.70	195.36	88.61	96.0	1.714	3.420	86.87
LHL 750B 13					.675	17.15		.125	3.18	6	152.40	177.60	80.56	80.0	1.429	3.560	90.42
LHL 750B 14					.680	17.27		.125	3.18	7	177.80	181.30	82.24	70.0	1.250	4.160	105.66
LHL 750B 15					.680	17.27		.125	3.18	8	203.20	180.56	81.90	61.0	1.089	4.700	119.38
LHL 1000B 01	1	25.40	1/2	12.70	.940	23.88	C	.148	3.76	1	25.40	229.40	104.06	620.0	11.072	.630	16.00
LHL 1000B 02					.955	24.26		.156	3.96	1 1/4	31.75	259.00	117.48	560.0	10.000	.780	19.81
LHL 1000B 03					.910	23.11		.156	3.96	1 1/2	38.10	275.28	124.87	496.0	8.858	.940	23.88
LHL 1000B 04					.945	24.00		.162	4.11	1 3/4	44.45	284.90	129.23	440.0	7.858	1.090	27.69
LHL 1000B 05					.950	24.13		.162	4.11	2	50.80	272.32	123.52	368.0	6.572	1.225	31.12
LHL 1000B 06					.945	24.00		.162	4.11	2 1/2	63.50	266.40	120.84	288.0	5.143	1.495	37.97
LHL 1000B 07					.945	24.00		.162	4.11	3	76.20	257.52	116.81	232.0	4.143	1.780	45.21
LHL 1000B 08					.910	23.11		.162	4.11	3 1/2	88.90	279.72	126.88	216.0	3.857	2.110	53.59
LHL 1000B 09					.915	23.24		.162	4.11	4	101.60	272.32	123.52	184.0	3.286	2.380	60.45
LHL 1000B 10					.935	23.75		.162	4.11	4 1/2	114.30	253.08	114.80	152.0	2.714	2.620	66.55
LHL 1000B 11					.915	23.24		.162	4.11	5	127.00	266.40	120.84	144.0	2.572	2.945	74.80
LHL 1000B 12					.920	23.37		.162	4.11	5 1/2	139.70	260.48	118.15	128.0	2.286	3.215	81.66
LHL 1000B 13					.935	23.75		.162	4.11	6	152.40	248.64	112.78	112.0	2.000	3.440	87.38
LHL 1000B 14					.935	23.75		.162	4.11	7	177.80	246.83	111.96	95.3	1.702	3.968	100.79
LHL 1000B 15					.920	23.37		.162	4.11	8	203.20	260.48	118.15	88.0	1.572	4.700	119.38
LHL 1250B 01	1 1/4	31.75	5/8	15.88	1.200	30.48	C	.195	4.95	1 1/2	38.10	402.38	182.52	725.0	12.947	.945	24.00
LHL 1250B 02					1.190	30.23		.195	4.95	1 3/4	44.45	388.50	176.22	600.0	10.715	1.080	27.43
LHL 1250B 03					1.160	29.46		.195	4.95	2	50.80	399.60	181.26	540.0	9.643	1.235	31.37
LHL 1250B 04					1.195	30.35		.207	5.26	2 1/2	63.50	462.50	209.79	500.0	8.929	1.555	39.50
LHL 1250B 05					1.165	29.59		.207	5.26	3	76.20	477.30	216.50	430.0	7.679	1.865	47.37
LHL 1250B 06					1.160	29.46		.207	5.26	3 1/2	88.90	472.68	214.40	365.0	6.518	2.150	54.61
LHL 1250B 07					1.160	29.46		.207	5.26	4	101.60	466.20	211.47	315.0	5.625	2.425	61.60
LHL 1250B 08					1.145	29.08		.207	5.26	4 1/2	114.30	474.52	215.24	285.0	5.090	2.750	69.85
LHL 1250B 09					1.140	28.96		.207	5.26	5	127.00	471.75	213.98	255.0	4.554	3.065	77.85
LHL 1250B 10					1.150	29.21		.207	5.26	5 1/2	139.70	457.88	207.69	225.0	4.018	3.320	84.33
LHL 1250B 11					1.150	29.21		.207	5.26	6	152.40	455.10	206.43	205.0	3.661	3.605	91.57
LHL 1250B 12					1.150	29.21		.207	5.26	7	177.80	450.66	204.42	174.0	3.107	4.158	105.61
LHL 1250B 13					1.190	30.23		.218	5.54	8	203.20	544.64	247.05	184.0	3.286	4.780	121.41

HEFTY SPRINGS



SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.

HEFTY SPRINGS: MEDIUM HEAVY LOAD SERIES (COLOR CODE PURPLE)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 20% to 25% of Free Length]

HEFTY SPRINGS

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 37% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 1500B 01	1 1/2	38.10	3/4	19.05	1.425	36.20	C	.234	5.94	2	50.80	551.30	250.07	745.0	13.304	1.250	31.75
LHL 1500B 02					1.415	35.94		.243	6.17	2 1/2	63.50	647.50	293.70	700.0	12.501	1.570	39.88
LHL 1500B 03					1.410	35.81		.243	6.17	3	76.20	621.60	281.96	560.0	10.000	1.865	47.37
LHL 1500B 04					1.415	35.94		.250	6.35	3 1/2	88.90	683.76	310.15	528.0	9.429	2.190	55.63
LHL 1500B 05					1.385	35.18		.250	6.35	4	101.60	710.40	322.24	480.0	8.572	2.505	63.63
LHL 1500B 06					1.370	34.80		.250	6.35	4 1/2	114.30	719.28	326.26	432.0	7.715	2.820	71.63
LHL 1500B 07					1.390	35.31		.250	6.35	5	127.00	680.80	308.81	368.0	6.572	3.085	78.36
LHL 1500B 08					1.370	34.80		.250	6.35	5 1/2	139.70	700.04	317.54	344.0	6.143	3.415	86.74
LHL 1500B 09					1.385	35.18		.250	6.35	6	152.40	674.88	306.12	304.0	5.429	3.670	93.22
LHL 1500B 10					1.385	35.18		.250	6.35	7	177.80	673.40	305.45	260.0	4.643	4.193	106.50
LHL 1500B 11					1.400	35.56		.250	6.35	8	203.20	651.20	295.38	220.0	3.929	4.790	121.67
LHL 2000B 01	2	50.80	1	25.40	1.950	49.53	C	.312	7.92	2 1/2	63.50	948.13	430.07	1025.0	18.304	1.570	39.88
LHL 2000B 02					1.900	48.26		.312	7.92	3	76.20	943.50	427.97	850.0	15.179	1.880	47.75
LHL 2000B 03					1.840	46.74		.312	7.92	3 1/2	88.90	997.15	452.30	770.0	13.751	2.180	55.37
LHL 2000B 04					1.830	46.48		.312	7.92	4	101.60	982.72	445.76	664.0	11.858	2.460	62.48
LHL 2000B 05					1.800	45.72		.312	7.92	4 1/2	114.30	999.00	453.14	600.0	10.715	2.785	70.74
LHL 2000B 06					1.950	49.53		.331	8.41	5	127.00	1036.00	469.93	560.0	10.000	3.080	78.23
LHL 2000B 07					1.950	49.53		.331	8.41	5 1/2	139.70	1025.64	465.23	504.0	9.000	3.345	84.96
LHL 2000B 08					1.930	49.02		.331	8.41	6	152.40	1047.84	475.30	472.0	8.429	3.635	92.33
LHL 2000B 09					1.930	49.02		.331	8.41	7	177.80	1029.53	466.99	397.5	7.098	4.177	106.10
LHL 2000B 10					1.930	49.02		.331	8.41	8	203.20	1041.92	472.61	352.0	6.286	4.790	121.67

SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.

HEFTY SPRINGS: HEAVY LOAD SERIES (COLOR CODE BLACK)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 15% to 20% of Free Length]

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 30% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 375C 01	3/8	9.53	3/16	4.76	.342	8.69	M	.062	1.57	1	25.40	37.20	16.87	124.0	2.214	.625	15.88
LHL 375C 02					.345	8.76		.062	1.57	1 1/4	31.75	36.75	16.67	98.0	1.750	.735	18.67
LHL 375C 03					.348	8.84		.065	1.65	1 1/2	38.10	43.20	19.60	96.0	1.714	.920	23.37
LHL 375C 04					.345	8.76		.065	1.65	1 3/4	44.45	44.10	20.00	84.0	1.500	1.060	26.92
LHL 375C 05					.345	8.76		.065	1.65	2	50.80	43.20	19.60	72.0	1.286	1.215	30.86
LHL 375C 06					.355	9.02		.067	1.70	2 1/2	63.50	45.00	20.41	60.0	1.071	1.525	38.74
LHL 375C 07					.355	9.02		.065	1.65	3	76.20	37.80	17.15	42.0	.750	1.800	45.72
LHL 375C 7A					.355	9.02		.067	1.70	4	101.60	45.60	20.68	38.0	.679	2.580	65.53
LHL 375C 7B					.355	9.02		.067	1.70	5	127.00	45.00	20.41	30.0	.536	3.220	81.79
LHL 375C 08					.345	8.76		.065	1.65	6	152.40	40.50	18.37	22.5	.402	3.590	91.19
LHL 375C 09	.345	8.76	.065	1.65	7	177.80	42.00	19.05	20.0	.357	4.540	115.32					
LHL 375C 10	.345	8.76	.065	1.65	8	203.20	43.20	19.60	18.0	.321	5.240	133.10					
LHL 500C 01	1/2	12.70	9/32	7.14	.475	12.07	M	.085	2.16	1	25.40	70.80	32.11	236.0	4.214	.640	16.26
LHL 500C 02					.475	12.07		.085	2.16	1 1/4	31.75	69.75	31.64	186.0	3.322	.765	19.43
LHL 500C 03					.477	12.12		.087	2.21	1 1/2	38.10	73.80	33.48	164.0	2.929	.935	23.75
LHL 500C 04					.477	12.12		.087	2.21	1 3/4	44.45	72.45	32.86	138.0	2.464	1.075	27.31
LHL 500C 05					.475	12.07		.085	2.16	2	50.80	66.00	29.94	110.0	1.964	1.350	34.29
LHL 500C 06					.475	12.07		.085	2.16	2 1/2	63.50	63.00	28.58	84.0	1.500	1.485	37.72
LHL 500C 07					.477	12.12		.087	2.21	3	76.20	66.60	30.21	74.0	1.321	1.855	47.12
LHL 500C 08					.477	12.12		.087	2.21	3 1/2	88.90	67.20	30.48	64.0	1.143	2.110	53.59
LHL 500C 8A					.477	12.12		.087	2.21	4	101.60	72.00	32.66	60.0	1.071	2.540	64.52
LHL 500C 8B					.477	12.12		.087	2.21	5	127.00	70.50	31.98	47.0	.839	3.100	78.74
LHL 500C 09					.477	12.12		.087	2.21	6	152.40	66.60	30.21	37.0	.661	3.525	89.54
LHL 500C 10	.477	12.12	.087	2.21	7	177.80	71.40	32.39	34.0	.607	4.240	107.70					
LHL 500C 11	.477	12.12	.087	2.21	8	203.20	69.60	31.57	29.0	.518	5.200	132.08					
LHL 625C 01	5/8	15.88	11/32	8.73	.592	15.04	M	.109	2.77	1	25.40	127.20	57.70	424.0	7.572	.685	17.40
LHL 625C 02					.600	15.24		.109	2.77	1 1/4	31.75	111.00	50.35	296.0	5.286	.855	21.72
LHL 625C 03					.583	14.81		.109	2.77	1 1/2	38.10	122.40	55.52	272.0	4.857	.985	25.02
LHL 625C 04					.595	15.11		.112	2.84	1 3/4	44.45	126.00	57.15	240.0	4.286	1.165	29.59
LHL 625C 05					.589	14.96		.112	2.84	2	50.80	124.80	56.61	208.0	3.714	1.350	34.29
LHL 625C 06					.590	14.99		.112	2.84	2 1/2	63.50	127.50	57.83	170.0	3.036	1.600	40.64
LHL 625C 07					.590	14.99		.112	2.84	3	76.20	129.60	58.79	144.0	2.572	1.840	46.74
LHL 625C 08					.590	14.99		.112	2.84	3 1/2	88.90	128.10	58.11	122.0	2.179	2.135	54.23
LHL 625C 09					.595	15.11		.115	2.92	4	101.60	129.60	58.79	108.0	1.929	2.660	67.56
LHL 625C 9A					.595	15.11		.115	2.92	5	127.00	135.00	61.24	90.0	1.607	3.300	83.82
LHL 625C 10					.595	15.11		.115	2.92	6	152.40	126.00	57.15	70.0	1.250	3.975	100.97
LHL 625C 11					.595	15.11		.115	2.92	7	177.80	134.40	60.96	64.0	1.143	4.540	115.32
LHL 625C 12	.595	15.11	.115	2.92	8	203.20	132.00	59.88	55.0	.982	5.240	133.10					

HEFTY SPRINGS



SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.
CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.

HEFTY SPRINGS: HEAVY LOAD SERIES (COLOR CODE BLACK)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 15% to 20% of Free Length]

HEFTY SPRINGS

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 30% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 750C 01	3/4	19.05	3/8	9.53	.710	18.03	C	.135	3.43	1	25.40	238.50	108.18	795.0	14.197	.700	17.78
LHL 750C 02					.720	18.29		.142	3.61	1 1/4	31.75	273.75	124.17	730.0	13.036	.875	22.23
LHL 750C 03					.710	18.03		.142	3.61	1 1/2	38.10	272.25	123.49	605.0	10.804	1.040	26.42
LHL 750C 04					.710	18.03		.142	3.61	1 3/4	44.45	262.50	119.07	500.0	8.929	1.200	30.48
LHL 750C 05					.710	18.03		.142	3.61	2	50.80	255.00	136.08	425.0	7.590	1.360	34.54
LHL 750C 06					.710	18.03		.142	3.61	2 1/2	63.50	247.50	112.26	330.0	5.893	1.670	42.42
LHL 750C 07					.730	18.54		.148	3.76	3	76.20	270.00	122.47	300.0	5.357	2.030	51.56
LHL 750C 08					.730	18.54		.148	3.76	3 1/2	88.90	267.75	121.45	255.0	4.554	2.340	59.44
LHL 750C 09					.730	18.54		.148	3.76	4	101.60	264.00	119.75	220.0	3.929	2.660	67.56
LHL 750C 10					.730	18.54		.148	3.76	4 1/2	114.30	263.25	119.41	195.0	3.482	2.965	75.31
LHL 750C 11					.725	18.42		.148	3.76	5	127.00	264.00	119.75	176.0	3.143	3.330	84.58
LHL 750C 12					.725	18.42		.148	3.76	5 1/2	139.70	264.00	119.75	160.0	2.857	3.630	92.20
LHL 750C 13					.725	18.42		.148	3.76	6	152.40	259.20	117.57	144.0	2.572	4.010	101.85
LHL 750C 14					.728	18.49		.148	3.76	7	177.80	262.50	119.07	125.0	2.232	4.660	118.36
LHL 750C 15					.728	18.49		.148	3.76	8	203.20	264.00	119.75	110.0	1.964	5.260	133.60
LHL 750C 17					.725	18.42		.148	3.76	12	304.80	259.20	117.57	72.0	1.286	7.926	201.32
LHL 1000C 01					1	25.40		1/2	12.70	.975	24.77	C	.170	4.32	1	25.40	330.00
LHL 1000C 02	.965	24.52	.177	4.50			1 1/4			31.75	375.00		170.10	1000.0	17.858	.865	21.97
LHL 1000C 03	.915	23.24	.177	4.50			1 1/2			38.10	405.00		183.71	900.0	16.072	1.045	26.54
LHL 1000C 04	.890	22.61	.177	4.50			1 3/4			44.45	420.00		190.51	800.0	14.286	1.220	30.99
LHL 1000C 05	.915	23.24	.183	4.65			2			50.80	441.00		200.04	735.0	13.126	1.395	35.43
LHL 1000C 06	.935	23.75	.187	4.75			2 1/2			63.50	442.50		200.72	590.0	10.536	1.715	43.56
LHL 1000C 07	.935	23.75	.187	4.75			3			76.20	432.00		195.95	480.0	8.572	2.020	51.31
LHL 1000C 08	.935	23.75	.187	4.75			3 1/2			88.90	420.00		190.51	400.0	7.143	2.350	59.69
LHL 1000C 09	.935	23.75	.187	4.75			4			101.60	414.00		187.79	345.0	6.161	2.660	67.56
LHL 1000C 10	.935	23.75	.187	4.75			4 1/2			114.30	411.75		186.77	305.0	5.447	2.960	75.18
LHL 1000C 11	.960	24.38	.192	4.88			5			127.00	427.50		193.91	285.0	5.090	3.300	83.82
LHL 1000C 12	.960	24.38	.192	4.88			5 1/2			139.70	429.00		194.59	260.0	4.643	3.580	90.93
LHL 1000C 13	.960	24.38	.192	4.88			6			152.40	423.00		191.87	235.0	4.197	3.915	99.44
LHL 1000C 14	.960	24.38	.192	4.88			7			177.80	420.00		190.51	200.0	3.572	4.524	114.91
LHL 1000C 15	.930	23.62	.192	4.88			8			203.20	460.80		209.02	192.0	3.429	5.400	137.16
LHL 1250C 01	1 1/4	31.75	5/8	15.88	1.190	30.23	C	.225	5.72	1 1/2	38.10	607.50	275.56	1350.0	24.108	1.045	26.54
LHL 1250C 02					1.190	30.23		.225	5.72	1 3/4	44.45	577.50	261.95	1100.0	19.644	1.185	30.10
LHL 1250C 03					1.190	30.23		.225	5.72	2	50.80	600.00	272.16	1000.0	17.858	1.380	35.05
LHL 1250C 04					1.190	30.23		.234	5.94	2 1/2	63.50	682.50	309.58	910.0	16.251	1.740	44.20
LHL 1250C 05					1.180	29.97		.234	5.94	3	76.20	675.00	306.18	750.0	13.394	2.060	52.32
LHL 1250C 06					1.200	30.48		.243	6.17	3 1/2	88.90	750.75	340.54	715.0	12.768	2.435	61.85
LHL 1250C 07					1.195	30.35		.243	6.17	4	101.60	750.00	340.20	625.0	11.161	2.755	69.98
LHL 1250C 08					1.195	30.35		.243	6.17	4 1/2	114.30	735.75	333.73	545.0	9.733	3.085	78.36
LHL 1250C 09					1.195	30.35		.243	6.17	5	127.00	720.00	326.59	480.0	8.572	3.435	87.25
LHL 1250C 10					1.195	30.35		.243	6.17	5 1/2	139.70	709.50	321.83	430.0	7.679	3.780	96.01
LHL 1250C 11					1.195	30.35		.243	6.17	6	152.40	702.00	318.42	390.0	6.965	4.115	104.52
LHL 1250C 12					1.195	30.35		.243	6.17	7	177.80	709.80	321.96	338.0	6.036	4.662	118.41
LHL 1250C 13					1.160	29.46		.243	6.17	8	203.20	787.20	357.07	328.0	5.857	5.400	137.16

SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.

HEFTY SPRINGS: HEAVY LOAD SERIES (COLOR CODE BLACK)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 15% to 20% of Free Length]

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 30% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 1500C 01	1 1/2	38.10	3/4	19.05	1.445	36.70	C	.262	6.65	2	50.80	750.00	340.20	1250.0	22.322	1.385	35.18
LHL 1500C 02					1.455	36.96		.273	6.93	2 1/2	63.50	843.75	382.72	1125.0	20.090	1.725	43.82
LHL 1500C 03					1.400	35.56		.273	6.93	3	76.20	900.00	408.24	1000.0	17.858	2.075	52.71
LHL 1500C 04					1.430	36.32		.283	7.19	3 1/2	88.90	976.50	442.94	930.0	16.608	2.430	61.72
LHL 1500C 05					1.420	36.07		.283	7.19	4	101.60	978.00	443.62	815.0	14.554	2.755	69.98
LHL 1500C 06					1.420	36.07		.283	7.19	4 1/2	114.30	958.50	434.77	710.0	12.679	3.080	78.23
LHL 1500C 07					1.415	35.94		.283	7.19	5	127.00	952.50	432.05	635.0	11.340	3.405	86.49
LHL 1500C 08					1.415	35.94		.283	7.19	5 1/2	139.70	940.50	426.61	570.0	10.179	3.735	94.87
LHL 1500C 09					1.415	35.94		.283	7.19	6	152.40	927.00	420.48	515.0	9.197	4.075	103.51
LHL 1500C 10					1.415	35.94		.283	7.19	7	177.80	924.00	419.12	440.0	7.857	4.654	118.21
LHL 1500C 11					1.365	34.67		.283	7.19	8	203.20	1036.80	470.29	432.0	7.715	5.440	138.18
LHL 2000C 01	2	50.80	1	25.40	1.895	48.13	C	.343	8.71	2 1/2	63.50	1293.75	586.84	1725.0	30.805	1.745	44.32
LHL 2000C 02					1.840	46.74		.343	8.71	3	76.20	1305.00	591.94	1450.0	25.894	2.090	53.09
LHL 2000C 03					1.840	46.74		.343	8.71	3 1/2	88.90	1260.00	571.53	1200.0	21.430	2.390	60.71
LHL 2000C 04					1.820	46.23		.343	8.71	4	101.60	1260.00	571.53	1050.0	18.751	2.715	68.96
LHL 2000C 05					1.930	49.02		.362	9.19	4 1/2	114.30	1370.25	621.54	1015.0	18.126	3.015	76.58
LHL 2000C 06					1.880	47.75		.362	9.19	5	127.00	1440.00	653.18	960.0	17.144	3.400	86.36
LHL 2000C 07					1.870	47.50		.362	9.19	5 1/2	139.70	1443.75	654.88	875.0	15.626	3.715	94.36
LHL 2000C 08					1.860	47.24		.362	9.19	6	152.40	1440.00	653.54	800.0	14.286	4.060	103.12
LHL 2000C 09					1.860	47.24		.362	9.19	7	177.80	1417.50	642.97	675.0	12.054	4.662	118.41
LHL 2000C 10					1.850	46.99		.362	9.19	8	203.20	1464.00	664.07	610.0	10.893	5.260	133.60

HEFTY SPRINGS



SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.
CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.

HEFTY SPRINGS: EXTRA HEAVY LOAD SERIES (COLOR CODE ORANGE)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 10% to 15% of Free Length]

HEFTY SPRINGS

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 25% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 375D 01	3/8	9.53	3/16	4.76	.345	8.76	M	.070	1.78	1	25.40	55.00	24.95	220.0	3.929	.685	17.40
LHL 375D 02					.345	8.76		.070	1.78	1 1/4	31.75	53.13	24.10	170.0	3.036	.845	21.46
LHL 375D 03					.347	8.81		.071	1.80	1 1/2	38.10	54.38	24.66	145.0	2.589	1.020	25.91
LHL 375D 04					.354	8.99		.071	1.80	1 3/4	44.45	50.31	22.82	115.0	2.054	1.160	29.46
LHL 375D 05					.345	8.76		.070	1.78	2	50.80	50.00	22.68	100.0	1.786	1.340	34.04
LHL 375D 06					.352	8.94		.071	1.80	2 1/2	63.50	50.00	22.68	80.0	1.429	1.645	41.78
LHL 375D 07					.353	8.97		.071	1.80	3	76.20	48.75	22.11	65.0	1.161	1.960	49.78
LHL 375D 7A					.355	9.02		.071	1.80	4	101.60	51.50	23.36	51.5	.920	2.640	67.06
LHL 375D 7B					.355	9.02		.071	1.80	5	127.00	51.25	23.25	41.0	.732	3.400	86.36
LHL 375D 08					.353	8.97		.071	1.80	6	152.40	48.00	21.77	32.0	.571	3.845	97.66
LHL 375D 09					.353	8.97		.071	1.80	7	177.80	52.50	23.81	30.0	.536	4.800	121.92
LHL 375D 10					.353	8.97		.071	1.80	8	203.20	52.00	23.59	26.0	.464	5.460	138.68
LHL 375D 12	.353	8.97	.071	1.80	12	304.80	46.80	21.23	15.6	.279	8.423	213.94					
LHL 500D 01	1/2	12.70	9/32	7.14	.480	12.19	M	.092	2.34	1	25.40	80.00	36.29	320.0	5.715	.695	17.65
LHL 500D 02					.480	12.19		.092	2.34	1 1/4	31.75	75.00	34.02	240.0	4.286	.865	21.97
LHL 500D 03					.480	12.19		.092	2.34	1 1/2	38.10	75.00	34.02	200.0	3.572	1.000	25.40
LHL 500D 04					.480	12.19		.092	2.34	1 3/4	44.45	74.38	33.74	170.0	3.036	1.145	29.08
LHL 500D 05					.480	12.19		.092	2.34	2	50.80	70.00	31.75	140.0	2.500	1.350	34.29
LHL 500D 06					.480	12.19		.092	2.34	2 1/2	63.50	71.88	32.60	115.0	2.054	1.605	40.77
LHL 500D 07					.480	12.19		.092	2.34	3	76.20	67.50	30.62	90.0	1.607	1.995	50.67
LHL 500D 08					.480	12.19		.092	2.34	3 1/2	88.90	70.00	31.75	80.0	1.429	2.220	56.39
LHL 500D 8A					.480	12.19		.092	2.34	4	101.60	76.00	34.47	76.0	1.357	2.540	64.52
LHL 500D 8B					.480	12.19		.092	2.34	5	127.00	75.00	34.02	60.0	1.071	3.220	81.79
LHL 500D 09					.480	12.19		.092	2.34	6	152.40	67.50	30.62	45.0	.804	3.800	96.52
LHL 500D 10	.480	12.19	.092	2.34	7	177.80	73.50	33.34	42.0	.750	4.520	114.81					
LHL 500D 11	.480	12.19	.092	2.34	8	203.20	74.00	33.57	37.0	.661	5.200	132.08					
LHL 625D 01	5/8	15.88	11/32	8.73	.600	15.24	M	.118	3.00	1	25.40	157.50	71.44	630.0	11.250	.705	17.91
LHL 625D 02					.600	15.24		.118	3.00	1 1/4	31.75	146.88	66.62	470.0	8.393	.865	21.97
LHL 625D 03					.600	15.24		.118	3.00	1 1/2	38.10	142.50	64.64	380.0	6.786	1.015	25.78
LHL 625D 04					.600	15.24		.118	3.00	1 3/4	44.45	140.00	63.50	320.0	5.715	1.160	29.46
LHL 625D 05					.600	15.24		.120	3.05	2	50.80	145.00	65.77	290.0	5.178	1.365	34.67
LHL 625D 06					.600	15.24		.120	3.05	2 1/2	63.50	137.50	62.37	220.0	3.929	1.720	43.69
LHL 625D 07					.600	15.24		.120	3.05	3	76.20	135.00	61.24	180.0	3.214	2.045	51.94
LHL 625D 08					.600	15.24		.120	3.05	3 1/2	88.90	140.00	63.50	160.0	2.857	2.270	57.66
LHL 625D 09					.600	15.24		.120	3.05	4	101.60	135.00	61.24	135.0	2.411	2.645	67.18
LHL 625D 9A					.600	15.24		.120	3.05	5	127.00	140.00	63.50	112.0	2.000	3.300	83.82
LHL 625D 10					.600	15.24		.120	3.05	6	152.40	135.00	61.24	90.0	1.607	3.845	97.66
LHL 625D 11					.600	15.24		.120	3.05	7	177.80	140.00	63.50	80.0	1.429	4.640	117.86
LHL 625D 12	.600	15.24	.120	3.05	8	203.20	136.00	61.69	68.0	1.214	5.500	139.70					

SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.

HEFTY SPRINGS: EXTRA HEAVY LOAD SERIES (COLOR CODE ORANGE)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 10% to 15% of Free Length]

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 25% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 750D 01	3/4	19.05	3/8	9.53	.730	18.54	C	.148	3.76	1	25.40	287.50	130.41	1150.0	20.537	.750	19.05
LHL 750D 02					.730	18.54		.154	3.91	1 1/4	31.75	329.69	149.55	1055.0	18.840	.930	23.62
LHL 750D 03					.730	18.54		.154	3.91	1 1/2	38.10	309.38	140.33	825.0	14.733	1.105	28.07
LHL 750D 04					.730	18.54		.154	3.91	1 3/4	44.45	297.50	134.94	680.0	12.143	1.280	32.51
LHL 750D 05					.730	18.54		.154	3.91	2	50.80	292.50	132.68	585.0	10.447	1.430	36.32
LHL 750D 06					.730	18.54		.154	3.91	2 1/2	63.50	281.25	127.57	450.0	8.036	1.765	44.83
LHL 750D 07					.730	18.54		.156	3.96	3	76.20	292.50	132.68	390.0	6.965	2.125	53.98
LHL 750D 08					.730	18.54		.156	3.96	3 1/2	88.90	288.75	130.98	330.0	5.893	2.450	62.23
LHL 750D 09					.730	18.54		.156	3.96	4	101.60	285.00	129.28	285.0	5.090	2.790	70.87
LHL 750D 10					.730	18.54		.156	3.96	4 1/2	114.30	281.25	127.57	250.0	4.465	3.135	79.63
LHL 750D 11					.730	18.54		.156	3.96	5	127.00	275.00	124.74	220.0	3.929	3.515	89.28
LHL 750D 12					.730	18.54		.156	3.96	5 1/2	139.70	275.00	124.74	200.0	3.572	3.835	97.41
LHL 750D 13					.730	18.54		.156	3.96	6	152.40	270.00	122.47	180.0	3.214	4.225	107.32
LHL 750D 14					.730	18.54		.156	3.96	7	177.80	283.50	128.60	162.0	2.893	4.840	122.94
LHL 750D 15					.730	18.54		.156	3.96	8	203.20	280.00	127.01	140.0	2.500	5.600	142.24
LHL 1000D 01	1	25.40	1/2	12.70	.980	24.89	C	.198	5.03	1 1/2	38.10	480.00	217.73	1280.0	22.858	1.110	28.19
LHL 1000D 02					.975	24.77		.207	5.26	2	50.80	570.00	258.55	1140.0	20.358	1.475	37.47
LHL 1000D 03					.975	24.77		.207	5.26	2 1/2	63.50	537.50	243.81	860.0	15.358	1.825	46.36
LHL 1000D 04					.975	24.77		.207	5.26	3	76.20	525.00	238.14	700.0	12.501	2.145	54.48
LHL 1000D 05					.975	24.77		.207	5.26	3 1/2	88.90	511.88	232.18	585.0	10.447	2.485	63.12
LHL 1000D 06					.975	24.77		.207	5.26	4	101.60	505.00	229.07	505.0	9.018	2.815	71.50
LHL 1000D 07					.975	24.77		.207	5.26	4 1/2	114.30	495.00	224.53	440.0	7.858	3.165	80.39
LHL 1000D 08					.965	24.51		.207	5.26	5	127.00	493.75	223.96	395.0	7.054	3.480	88.39
LHL 1000D 09					.965	24.51		.207	5.26	6	152.40	480.00	217.73	320.0	5.715	4.200	106.68
LHL 1000D 10					.965	24.51		.207	5.26	7	177.80	498.75	226.23	285.0	5.090	4.960	125.98
LHL 1000D 11					.965	24.51		.207	5.26	8	203.20	510.00	231.34	255.0	4.554	5.500	139.70
LHL 1250D 01	1 1/4	31.75	5/8	15.88	1.205	30.61	C	.250	6.35	2	50.80	812.50	368.55	1625.0	29.019	1.495	37.97
LHL 1250D 02					1.205	30.61		.250	6.35	2 1/2	63.50	756.25	343.03	1210.0	21.608	1.840	46.74
LHL 1250D 03					1.220	30.99		.262	6.65	3	76.20	888.00	402.79	1184.0	21.144	2.235	56.77
LHL 1250D 04					1.210	30.73		.262	6.65	3 1/2	88.90	882.00	400.07	1008.0	18.001	2.600	66.04
LHL 1250D 05					1.220	30.99		.262	6.65	4	101.60	840.00	381.02	840.0	15.001	2.935	74.55
LHL 1250D 06					1.195	30.35		.262	6.65	4 1/2	114.30	882.00	400.07	784.0	14.001	3.320	84.33
LHL 1250D 07					1.205	30.61		.262	6.65	5	127.00	850.00	385.56	680.0	12.143	3.645	92.58
LHL 1250D 08					1.200	30.48		.262	6.65	6	152.40	840.00	381.02	560.0	10.000	4.375	111.13
LHL 1250D 09					1.200	30.48		.262	6.65	7	177.80	857.50	388.96	490.0	8.750	4.980	126.49
LHL 1250D 10					1.200	30.48		.262	6.65	8	203.20	830.00	376.49	415.0	7.411	5.706	144.93

HEFTY SPRINGS



SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.

HEFTY SPRINGS: EXTRA HEAVY LOAD SERIES (COLOR CODE ORANGE)

ROUND WIRE • Music Wire (M) or Chrome Silicon (C) [Ideal Operating Range: 10% to 15% of Free Length]

HEFTY SPRINGS

LEE STOCK NUMBER	HOLE DIAMETER		ROD DIAMETER		NOMINAL* OUTSIDE DIAMETER		MATERIAL	WIRE DIAMETER		FREE LENGTH		LOAD AT 25% DEFLECTION		SPRING RATE		SOLID HEIGHT	
	IN.	MM	IN.	MM	IN.	MM		IN.	MM	IN.	MM	LB.	KG	LB/IN.	KG/MM	IN.	MM
LHL 1500D 01	1 1/2	38.10	3/4	19.05	1.465	37.21	C	.295	7.49	2	50.80	1102.50	500.09	2205.0	39.377	1.500	38.10
LHL 1500D 02					1.455	36.96		.306	7.77	2 1/2	63.50	1231.25	558.49	1970.0	35.180	1.870	47.50
LHL 1500D 03					1.450	36.83		.312	7.92	3	76.20	1293.75	586.84	1725.0	30.805	2.235	56.77
LHL 1500D 04					1.450	36.83		.312	7.92	3 1/2	88.90	1238.13	561.61	1415.0	25.269	2.590	65.79
LHL 1500D 05					1.465	37.21		.312	7.92	4	101.60	1200.00	544.32	1200.0	21.430	2.940	74.68
LHL 1500D 06					1.465	37.21		.312	7.92	4 1/2	114.30	1175.63	533.26	1045.0	18.662	3.285	83.44
LHL 1500D 07					1.465	37.21		.312	7.92	5	127.00	1150.00	521.64	920.0	16.429	3.650	92.71
LHL 1500D 08					1.465	37.21		.312	7.92	6	152.40	1125.00	510.30	750.0	13.394	4.330	109.98
LHL 1500D 09					1.465	37.21		.312	7.92	7	177.80	1137.50	515.97	650.0	11.608	4.980	126.49
LHL 1500D 10					1.465	37.21		.312	7.92	8	203.20	1094.00	496.24	547.0	9.768	5.693	144.60
LHL 2000D 01	2	50.80	1	25.40	1.940	49.28	C	.375	9.53	2 1/2	63.50	1562.50	708.74	2500.0	44.645	1.865	47.37
LHL 2000D 02					1.875	47.63		.375	9.53	3	76.20	1612.50	731.42	2150.0	38.395	2.225	56.52
LHL 2000D 03					1.960	49.78		.393	9.98	3 1/2	88.90	1706.25	773.95	1950.0	34.823	2.590	65.79
LHL 2000D 04					1.960	49.78		.393	9.98	4	101.60	1650.00	748.44	1650.0	29.466	2.915	74.04
LHL 2000D 05					1.960	49.78		.393	9.98	4 1/2	114.30	1603.12	727.17	1425.0	25.448	3.255	82.68
LHL 2000D 06					1.960	49.78		.393	9.98	5	127.00	1562.50	708.74	1250.0	22.322	3.600	91.44
LHL 2000D 07					1.960	49.78		.393	9.98	6	152.40	1522.50	690.60	1015.0	18.126	4.250	107.95
LHL 2000D 08					1.960	49.78		.393	9.98	7	177.80	1505.00	682.67	860.0	15.358	4.940	125.48
LHL 2000D 09					1.960	49.78		.393	9.98	8	203.20	1468.00	665.88	734.0	13.108	5.558	141.17

SPECIAL INSTRUCTIONS FOR HEFTY SPRINGS

PRICING: See Price List or visit leespring.in for pricing.

CALCULATIONS: *Nominal Inside Diameter = Nominal Outside Diameter minus 2 times the wire diameter.