

DIE SPRINGS

Maximum Rod Diameter
over which the spring will effectively operate.

Outside Diameter
arranged through the pages in ascending order of size

Nominal Wire Diameter
of the spring.

Nominal Free Length
the overall length of the spring in the unloaded position.

Lee Stock Number
ordering reference.

Price Group
reference to the price list.

Number of Coils
total coils in each spring.

Solid Height
length when fully compressed

Load at % Deflection
the load required to deflect the spring to a point expressed as a percentage of its free length.

Nominal Rate
change in load or force per unit of deflection.

Material
MW = Music Wire or
CS =Chrome Silicon.

Minimum Hole Diameter
required for the effective operation of the spring.

DIE SPRINGS
Medium Load – Grey

● Ideal Operating Range 25% to 35% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		HOLE OVER DIA. MIN		NOMINAL WIRE DIAMETER		NOMINAL DIAMETER		NOMINAL LENGTH		NOMINAL RATE		LOAD AT 50% DEFLECTION (see foot-note)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS		PRICE GROUP
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	N	MM	IN	MM			
LHL 375A 01	MW	9.53	0.375	4.76	0.188	8.74	0.344	1.32	0.052	25.40	1.00	9.81	56.0	125	28.0	12.7	0.50	9.9	AA	
LHL 375A 02						8.48	0.334	1.32	0.052	31.75	1.25	8.41	48.0	133	30.0	15.8	0.62	10.5	AA	
LHL 375A 03						8.61	0.339	1.32	0.052	38.10	1.50	6.66	38.0	127	28.5	16.3	0.72	14.2	AA	
LHL 375A 04						8.41	0.331	1.32	0.052	44.45	1.75	5.95	34.0	120	29.8	17.5	0.85	16.9	AA	
LHL 375A 05						8.61	0.339	1.32	0.052	50.80	2.00	4.90	28.0	120	28.0	23.8	0.94	18.6	AA	
LHL 375A 06						8.31	0.327	1.32	0.052	63.50	2.50	4.20	24.0	133	30.0	30.5	1.20	24.0	AB	
LHL 375A 07						8.89	0.350	1.32	0.052	76.20	3.00	3.15	18.0	120	27.0	36.3	1.3	25.0	AC	
LHL 375A 7A						8.81	0.347	1.32	0.052	101.60	4.00	2.45	14.0	125	30.0	47.8	1.4	32.5	AD	
LHL 375A 7B						8.81	0.347	1.32	0.052	127.00	5.00	1.93	11.0	122	27.5	59.9	2.35	40.8	AD	
LHL 375A 8						8.38	0.330	1.32	0.052	152.40	6.00	1.66	9.5	127	28.5	71.1	2.80	55.7	AE	
LHL 375A 09	MW	12.70	0.500	7.14	0.281	8.76	0.345	1.32	0.052	177.80	7.00	1.40	8.0	125	28.0	83.3	3.28	5.5	AE	
LHL 500A 10						8.71	0.343	1.32	0.052	203.20	8.00	1.23	7.0	125	28.0	95.5	3.80	6.3	AF	
LHL 500A 01						12.19	0.480	1.78	0.070	25.40	1.00	17.51	100.0	222	50.0	16.5	0.49	7.2	AA	
LHL 500A 02						11.96	0.471	1.83	0.072	31.75	1.25	16.11	92.0	256	57.5	19.1	0.62	8.9	AA	
LHL 500A 03						11.81	0.465	1.83	0.072	38.10	1.50	13.31	76.0	254	57.0	19.1	0.75	10.7	AA	
LHL 500A 04						11.58	0.456	1.83	0.072	44.45	1.75	11.91	68.0	265	59.5	22.1	0.87	12.5	AA	
LHL 500A 05						12.01	0.473	1.91	0.075	50.80	2.00	11.21	64.0	285	64.0	25.4	1.00	13.8	AB	
LHL 500A 06						11.86	0.467	1.91	0.075	63.50	2.50	9.11	52.0	289	65.0	31.5	1.1	17.2	AB	
LHL 500A 07						12.07	0.475	1.91	0.075	76.20	3.00	7.01	40.0	267	60.0	37.9	1.4	20.5	AC	
LHL 500A 08						11.84	0.466	1.83	0.072	88.90	3.50	5.25	30.0	234	52.5	42.4	1.67	24.0	AC	
LHL 500A 8A	MW	15.88	0.625	8.73	0.344	12.07	0.475	1.83	0.072	101.60	4.00	4.82	27.5	245	55.0	48.3	1.90	24.4	AF	
LHL 500A 09						12.14	0.478	1.91	0.075	114.30	4.50	4.38	25.0	250	56.3	56.9	2.34	25.0	AE	
LHL 500A 9A						12.07	0.475	1.83	0.072	127.00	5.00	3.85	22.0	245	55.0	59.4	2.34	30.1	AG	
LHL 500A 10						12.01	0.473	1.91	0.075	139.70	5.50	3.68	21.0	234	52.5	76.2	3.00	37.1	AG	
LHL 500A 10A						12.07	0.475	1.83	0.072	152.40	6.00	3.15	18.0	240	54.0	71.6	2.82	38.2	AH	
LHL 500A 11						11.63	0.458	1.83	0.072	165.10	6.50	2.80	16.0	231	52.0	80.8	3.18	45.8	AG	
LHL 500A 11A						12.12	0.477	1.83	0.072	177.80	7.00	2.63	15.0	234	52.5	84.3	3.32	42.5	AH	
LHL 500A 12						11.84	0.466	1.78	0.070	190.50	7.50	1.93	11.0	184	41.3	93.5	3.68	54.7	AF	
LHL 500A 12A						11.94	0.470	1.70	0.067	203.20	8.00	1.75	10.0	178	40.0	94.0	3.70	48.2	AF	
LHL 625A 01	MW	19.05	0.750	9.53	0.375	14.76	0.581	2.08	0.082	25.40	1.00	22.94	131.0	291	65.5	12.7	0.50	6.2	AB	
LHL 625A 02						14.94	0.588	2.21	0.087	31.75	1.25	22.42	128.0	356	80.0	15.8	0.62	7.3	AB	
LHL 625A 03						14.66	0.577	2.21	0.087	38.10	1.50	18.91	108.0	360	81.0	18.8	0.74	8.8	AB	
LHL 625A 04						14.27	0.562	2.21	0.087	44.45	1.75	16.81	96.0	374	84.0	22.1	0.87	10.4	AB	
LHL 625A 05						14.78	0.582	2.29	0.090	50.80	2.00	15.41	88.0	391	88.0	25.2	0.99	11.4	AC	
LHL 625A 06						14.53	0.572	2.21	0.087	63.50	2.50	10.51	60.0	334	75.0	31.2	1.23	14.6	AC	
LHL 625A 07						14.68	0.578	2.29	0.090	76.20	3.00	9.81	56.0	374	84.0	37.9	1.49	17.1	AD	
LHL 625A 08						14.61	0.575	2.29	0.090	88.90	3.50	8.41	48.0	374	84.0	44.2	1.74	20.0	AD	
LHL 625A 09						14.35	0.565	2.29	0.090	101.60	4.00	7.71	44.0	391	88.0	50.6	1.99	22.9	AE	
LHL 625A 9A						14.86	0.585	2.21	0.087	127.00	5.00	5.25	30.0	334	75.0	59.4	2.34	25.2	AF	
LHL 625A 10	MW	19.05	0.750	9.53	0.375	14.61	0.575	2.29	0.090	152.40	6.00	4.90	28.0	374	84.0	72.4	2.85	32.8	AF	
LHL 625A 11						14.61	0.575	2.21	0.087	177.80	7.00	3.85	22.0	343	77.0	84.3	3.32	35.6	AH	
LHL 625A 12						14.61	0.575	2.21	0.087	203.20	8.00	3.33	19.0	338	76.0	96.5	3.80	40.9	AK	
LHL 625A 14						14.60	0.578	2.29	0.090	204.80	12.00	2.94	14.5	387	87.0	145.1	5.71	60.4	AJ	
LHL 750A 01						18.29	0.720	2.54	0.100	25.40	1.00	28.02	160.0	356	80.0	12.2	0.48	5.1	AD	
LHL 750A 02						18.42	0.725	2.49	0.098	31.75	1.25	22.77	130.0	362	81.3	15.5	0.61	6.3	AD	
LHL 750A 03						18.42	0.725	2.54	0.100	38.10	1.50	20.14	115.0	384	86.3	18.3	0.72	7.1	AD	
LHL 750A 04						18.29	0.720	2.54	0.100	44.45	1.75	17.51	100.0	389	87.5	20.6	0.81	8.0	AD	
LHL 750A 05						18.29	0.720	2.59	0.102	50.80	2.00	15.76	90.0	400	90.0	24.4	0.96	9.3	AE	
LHL 750A 06						18.29	0.720	2.59	0.102	63.50	2.50	12.26	70.0	389	87.5	29.7	1.17	11.4	AE	
LHL 750A 07	MW	19.05	0.750	9.53	0.375	18.29	0.720	2.59	0.102	76.20	3.00	10.51	60.0	400	90.0	33.8	1.33	13.0	AF	
LHL 750A 08						18.36	0.723	2.67	0.106	88.90	3.50	9.63	55.0	428	96.3	41.4	1.63	15.5	AF	
LHL 750A 09						18.36	0.723	2.67	0.105	101.60	4.00	8.76	50.0	445	100.0	45.2	1.78	16.8	AG	
LHL 750A 10						18.16	0.715	2.67	0.105	114.30	4.50	7.88	45.0	451	101.3	51.3	2.02	18.1	AG	
LHL 750A 11						18.03	0.710	2.67	0.105	127.00	5.00	7.01	40.0	445	100.0	58.2	2.29	21.7	AH	
LHL 750A 12						18.03	0.710	2.67	0.105	139.70	5.50	6.13	35.0	428	96.3	65.8	2.59	24.5	AH	
LHL 750A 13						18.03	0.710	2.67	0.105	152.40	6.00	5.60	32.0	434	97.5	70.4	2.77	26.7	AJ	
LHL 750A 13A						18.03	0.710	2.67	0.105	165.10	6.50	5.17	29.5	426	95.9	78.2	3.08	28.8	AK	
LHL 750A 14						18.16	0.715	2.67	0.105	177.80	7.00	4.90	28.0	436	98.0	83.3	3.28	29.5	AK	

— 118 — Lee Spring Deflection is expressed as a percentage of free length, with the approximate load required to attain that position.

ADDITIONAL INFORMATION

- 1 Determine if the springs are to be used for low stress, medium stress or high stress applications, and refer to the relevant section, i.e. Medium Load, Heavy Load etc.
- 2 The more rapidly the springs are cycled, the greater the need to ensure operation is within the ideal operating ranges detailed at the head of each page.
- 3 Ensure that the hole diameter and/or the rod diameter suitably match your application as faulty spring guidance will cause buckling and possible failure of the springs and risk damage to the die itself. Use as many springs in the die as space permits, with the least amount of def



DIE SPRINGS

Medium Load – Grey

● Ideal Operating Range 25% to 35% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 50% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 375A 01	MW	9.53	0.375	4.76	0.188	8.74	0.344	1.32	0.052	25.40	1.00	9.81	56.0	125	28.0	12.7	0.50	9.9	AA
LHL 375A 02						8.48	0.334	1.32	0.052	31.75	1.25	8.41	48.0	133	30.0	15.8	0.62	12.2	AA
LHL 375A 03						8.61	0.339	1.32	0.052	38.10	1.50	6.66	38.0	127	28.5	18.3	0.72	14.2	AA
LHL 375A 04						8.41	0.331	1.32	0.052	44.45	1.75	5.95	34.0	133	29.8	21.6	0.85	16.9	AA
LHL 375A 05						8.61	0.339	1.32	0.052	50.80	2.00	4.90	28.0	125	28.0	23.9	0.94	18.6	AB
LHL 375A 06						8.31	0.327	1.32	0.052	63.50	2.50	4.20	24.0	133	30.0	30.5	1.20	24.0	AB
LHL 375A 07						8.89	0.350	1.32	0.052	76.20	3.00	3.15	18.0	120	27.0	36.3	1.43	25.0	AC
LHL 375A 7A						8.81	0.347	1.32	0.052	101.60	4.00	2.45	14.0	125	28.0	47.8	1.88	32.5	AD
LHL 375A 7B						8.81	0.347	1.32	0.052	127.00	5.00	1.93	11.0	122	27.5	59.9	2.36	40.8	AD
LHL 375A 08						8.38	0.330	1.32	0.052	152.40	6.00	1.66	9.5	127	28.5	71.1	2.80	55.7	AE
LHL 375A 09	MW	12.70	0.500	7.14	0.281	8.76	0.345	1.32	0.052	177.80	7.00	1.40	8.0	125	28.0	83.3	3.28	56.5	AE
LHL 375A 10						8.71	0.343	1.32	0.052	203.20	8.00	1.23	7.0	125	28.0	96.5	3.80	65.6	AF
LHL 500A 01						12.19	0.480	1.78	0.070	25.40	1.00	17.51	100.0	222	50.0	12.5	0.49	7.2	AA
LHL 500A 02						11.96	0.471	1.83	0.072	31.75	1.25	16.11	92.0	256	57.5	15.8	0.62	8.9	AA
LHL 500A 03						11.81	0.465	1.83	0.072	38.10	1.50	13.31	76.0	254	57.0	19.1	0.75	10.7	AA
LHL 500A 04						11.58	0.456	1.83	0.072	44.45	1.75	11.91	68.0	265	59.5	22.1	0.87	12.5	AA
LHL 500A 05						12.01	0.473	1.91	0.075	50.80	2.00	11.21	64.0	285	64.0	25.4	1.00	13.8	AB
LHL 500A 06						11.86	0.467	1.91	0.075	63.50	2.50	9.11	52.0	289	65.0	31.5	1.24	17.2	AB
LHL 500A 07						12.07	0.475	1.91	0.075	76.20	3.00	7.01	40.0	267	60.0	37.9	1.49	20.5	AC
LHL 500A 08						11.84	0.466	1.83	0.072	88.90	3.50	5.25	30.0	234	52.5	42.4	1.67	24.0	AC
LHL 500A 8A						12.07	0.475	1.83	0.072	101.60	4.00	4.82	27.5	245	55.0	48.3	1.90	24.4	AF
LHL 500A 09	MW	15.88	0.625	8.73	0.344	12.14	0.478	1.91	0.075	114.30	4.50	4.38	25.0	250	56.3	56.9	2.24	31.0	AE
LHL 500A 9A						12.07	0.475	1.83	0.072	127.00	5.00	3.85	22.0	245	55.0	59.4	2.34	30.0	AG
LHL 500A 10						12.01	0.473	1.91	0.075	139.70	5.50	3.68	21.0	234	52.5	76.2	3.00	37.9	AG
LHL 500A 10A						12.07	0.475	1.83	0.072	152.40	6.00	3.15	18.0	240	54.0	71.6	2.82	36.2	AH
LHL 500A 11						11.63	0.458	1.83	0.072	165.10	6.50	2.80	16.0	231	52.0	80.8	3.18	45.8	AG
LHL 500A 11A						12.12	0.477	1.83	0.072	177.80	7.00	2.63	15.0	234	52.5	84.3	3.32	42.5	AH
LHL 500A 12						11.84	0.466	1.78	0.070	190.50	7.50	1.93	11.0	184	41.3	93.5	3.68	54.7	AG
LHL 500A 12A						11.94	0.470	1.70	0.067	203.20	8.00	1.75	10.0	178	40.0	94.0	3.70	48.2	AJ
LHL 625A 01	MW	19.05	0.750	9.53	0.375	14.76	0.581	2.08	0.082	25.40	1.00	22.94	131.0	291	65.5	12.7	0.50	6.2	AB
LHL 625A 02						14.94	0.588	2.21	0.087	31.75	1.25	22.42	128.0	356	80.0	15.8	0.62	7.3	AB
LHL 625A 03						14.66	0.577	2.21	0.087	38.10	1.50	18.91	108.0	360	81.0	18.8	0.74	8.8	AB
LHL 625A 04						14.27	0.562	2.21	0.087	44.45	1.75	16.81	96.0	374	84.0	22.1	0.87	10.4	AB
LHL 625A 05						14.78	0.582	2.29	0.090	50.80	2.00	15.41	88.0	391	88.0	25.2	0.99	11.4	AC
LHL 625A 06						14.53	0.572	2.21	0.087	63.50	2.50	10.51	60.0	334	75.0	31.2	1.23	14.6	AC
LHL 625A 07						14.68	0.578	2.29	0.090	76.20	3.00	9.81	56.0	374	84.0	37.9	1.49	17.1	AD
LHL 625A 08						14.61	0.575	2.29	0.090	88.90	3.50	8.41	48.0	374	84.0	44.2	1.74	20.0	AD
LHL 625A 09						14.35	0.565	2.29	0.090	101.60	4.00	7.71	44.0	391	88.0	50.6	1.99	22.9	AE
LHL 625A 9A						14.86	0.585	2.21	0.087	127.00	5.00	5.25	30.0	334	75.0	59.4	2.34	25.2	AF
LHL 625A 10	MW	19.05	0.750	9.53	0.375	14.61	0.575	2.29	0.090	152.40	6.00	4.90	28.0	374	84.0	72.4	2.85	32.8	AF
LHL 625A 11						14.61	0.575	2.21	0.087	177.80	7.00	3.85	22.0	343	77.0	84.3	3.32	35.6	AH
LHL 625A 12						14.61	0.575	2.21	0.087	203.20	8.00	3.33	19.0	338	76.0	96.5	3.80	40.9	AK
LHL 625A 14						14.68	0.578	2.29	0.090	304.80	12.00	2.54	14.5	387	87.0	145.1	5.71	60.4	AJ
LHL 750A 01						18.29	0.720	2.41	0.095	25.40	1.00	28.02	160.0	356	80.0	12.2	0.48	5.1	AD
LHL 750A 02						18.42	0.725	2.49	0.098	31.75	1.25	22.77	130.0	362	81.3	15.5	0.61	6.3	AD
LHL 750A 03						18.42	0.725	2.54	0.100	38.10	1.50	20.14	115.0	384	86.3	18.3	0.72	7.1	AD
LHL 750A 04						18.29	0.720	2.54	0.100	44.45	1.75	17.51	100.0	389	87.5	20.6	0.81	8.0	AD
LHL 750A 05						18.29	0.720	2.59	0.102	50.80	2.00	15.76	90.0	400	90.0	24.4	0.96	9.3	AE
LHL 750A 06						18.29	0.720	2.59	0.102	63.50	2.50	12.26	70.0	389	87.5	29.7	1.17	11.4	AE
LHL 750A 07	MW	19.05	0.750	9.53	0.375	18.29	0.720	2.59	0.102	76.20	3.00	10.51	60.0	400	90.0	33.8	1.33	13.0	AF
LHL 750A 08						18.36	0.723	2.67	0.105	88.90	3.50	9.63	55.0	428	96.3	41.4	1.63	15.5	AF
LHL 750A 09						18.36	0.723	2.67	0.105	101.60	4.00	8.76	50.0	445	100.0	45.2	1.78	16.8	AG
LHL 750A 10						18.16	0.715	2.67	0.105	114.30	4.50	7.88	45.0	451	101.3	51.3	2.02	19.1	AG
LHL 750A 11						18.03	0.710	2.67	0.105	127.00	5.00	7.01	40.0	445	100.0	58.2	2.29	21.7	AH
LHL 750A 12						18.03	0.710	2.67	0.105	139.70	5.50	6.13	35.0	428	96.3	65.8	2.59	24.5	AH
LHL 750A 13						18.03	0.710	2.67	0.105	152.40	6.00	5.60	32.0	434	97.5	70.4	2.77	26.7	AJ
LHL 750A 13A						18.03	0.710	2.67	0.105	165.10	6.50	5.17	29.5	426	95.9	78.2	3.08	28.8	AK
LHL 750A 14						18.16	0.715	2.67	0.105	177.80	7.00	4.90	28.0	436	98.0	83.3	3.28	29.5	AK

DIE SPRINGS



Medium Load – Grey

● Ideal Operating Range 25% to 35% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 50% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 750A 14A	MW	19.05	0.750	9.53	0.375	18.29	0.720	2.79	0.110	190.50	7.50	5.60	32.0	534	120.0	90.7	3.57	31.0	AK
LHL 750A 15						18.21	0.717	2.79	0.110	203.20	8.00	5.34	30.5	543	122.0	96.5	3.80	32.9	AL
LHL 750A 17						18.03	0.710	2.67	0.105	304.80	12.00	2.78	15.9	424	95.4	144.0	5.67	51.6	AR
LHL 1000A 01	CS	25.40	1.000	12.70	0.500	24.38	0.960	3.18	0.125	25.40	1.00	47.29	270.0	601	135.0	12.7	0.50	4.2	AF
LHL 1000A 02						24.51	0.965	3.25	0.128	31.75	1.25	39.40	225.0	625	140.6	16.0	0.63	4.9	AF
LHL 1000A 03						24.51	0.965	3.25	0.128	38.10	1.50	31.52	180.0	601	135.0	18.7	0.74	5.7	AF
LHL 1000A 04						24.13	0.950	3.25	0.128	44.45	1.75	27.15	155.0	603	135.6	21.3	0.84	6.5	AF
LHL 1000A 05						23.88	0.940	3.25	0.128	50.80	2.00	23.64	135.0	601	135.0	24.1	0.95	7.3	AG
LHL 1000A 06						24.51	0.965	3.43	0.135	63.50	2.50	21.02	120.0	667	150.0	31.0	1.22	9.0	AG
LHL 1000A 07						24.38	0.960	3.43	0.135	76.20	3.00	17.51	100.0	667	150.0	36.3	1.43	10.5	AH
LHL 1000A 08						24.38	0.960	3.43	0.135	88.90	3.50	14.89	85.0	662	148.8	41.4	1.63	12.0	AH
LHL 1000A 09						24.38	0.960	3.43	0.135	101.60	4.00	13.13	75.0	667	150.0	46.0	1.81	13.3	AJ
LHL 1000A 10						23.88	0.940	3.43	0.135	114.30	4.50	12.26	70.0	701	157.5	52.1	2.05	15.1	AJ
LHL 1000A 11						23.88	0.940	3.43	0.135	127.00	5.00	10.86	62.0	695	156.3	57.4	2.26	16.8	AK
LHL 1000A 12						23.88	0.940	3.43	0.135	139.70	5.50	9.63	55.0	673	151.3	64.3	2.53	18.6	AK
LHL 1000A 13						23.88	0.940	3.43	0.135	152.40	6.00	8.76	50.0	667	150.0	70.1	2.76	20.3	AL
LHL 1000A 14						23.88	0.940	3.43	0.135	177.80	7.00	7.44	42.5	662	148.8	83.8	3.30	23.5	AM
LHL 1000A 15						24.38	0.960	3.61	0.142	203.20	8.00	8.06	46.0	818	184.0	95.5	3.76	25.2	AM
LHL 1250A 01	CS	31.75	1.250	15.88	0.625	30.48	1.200	3.96	0.156	38.10	1.50	47.29	270.0	901	202.5	19.1	0.75	4.8	AJ
LHL 1250A 02						30.48	1.200	3.96	0.156	44.45	1.75	38.53	220.0	856	192.5	21.6	0.85	5.4	AJ
LHL 1250A 03						30.48	1.200	3.96	0.156	50.80	2.00	33.28	190.0	845	190.0	23.9	0.94	5.9	AK
LHL 1250A 04						30.48	1.200	4.11	0.162	63.50	2.50	29.77	170.0	945	212.5	30.0	1.18	7.2	AK
LHL 1250A 05						30.86	1.215	4.32	0.170	76.20	3.00	27.50	157.0	1,051	236.3	37.6	1.48	8.7	AL
LHL 1250A 06						30.48	1.200	4.32	0.170	88.90	3.50	24.52	140.0	1,090	245.0	42.9	1.69	9.9	AL
LHL 1250A 07						30.48	1.200	4.32	0.170	101.60	4.00	21.02	120.0	1,068	240.0	48.5	1.91	11.2	AM
LHL 1250A 08						29.97	1.180	4.32	0.170	114.30	4.50	19.26	110.0	1,101	247.5	54.6	2.15	12.6	AM
LHL 1250A 09						29.72	1.170	4.32	0.170	127.00	5.00	17.51	100.0	1,112	250.0	60.7	2.39	14.0	AN
LHL 1250A 10						29.72	1.170	4.32	0.170	139.70	5.50	15.76	90.0	1,101	247.5	66.6	2.62	15.3	AN
LHL 1250A 11						29.72	1.170	4.32	0.170	152.40	6.00	14.36	82.0	1,094	246.0	71.9	2.83	16.6	AP
LHL 1250A 12						29.72	1.170	4.32	0.170	177.80	7.00	12.22	69.8	1,087	244.3	82.9	3.26	19.2	AQ
LHL 1250A 13						29.97	1.180	4.50	0.177	203.20	8.00	13.13	75.0	1,334	300.0	96.0	3.78	20.6	AQ
LHL 1500A 01	CS	38.10	1.500	19.05	0.750	36.32	1.430	4.75	0.187	50.80	2.00	49.04	280.0	1,246	280.0	25.2	0.99	5.3	AL
LHL 1500A 02						36.32	1.430	4.88	0.192	63.50	2.50	42.03	240.0	1,334	300.0	31.0	1.22	6.3	AL
LHL 1500A 03						35.31	1.390	4.95	0.195	76.20	3.00	38.53	220.0	1,468	330.0	37.6	1.48	7.5	AM
LHL 1500A 04						34.54	1.360	4.95	0.195	88.90	3.50	34.15	195.0	1,518	341.3	43.7	1.72	8.7	AM
LHL 1500A 05						36.83	1.450	5.26	0.207	101.60	4.00	32.40	185.0	1,646	370.0	49.8	1.96	9.4	AN
LHL 1500A 06						36.83	1.450	5.26	0.207	114.30	4.50	28.02	160.0	1,601	360.0	56.1	2.21	10.6	AN
LHL 1500A 07						36.32	1.430	5.26	0.207	127.00	5.00	26.27	150.0	1,668	375.0	61.5	2.42	11.6	AP
LHL 1500A 08						35.81	1.410	5.26	0.207	139.70	5.50	24.52	140.0	1,713	385.0	67.8	2.67	12.8	AP
LHL 1500A 09						35.18	1.385	5.26	0.207	152.40	6.00	23.12	132.0	1,768	397.5	74.9	2.95	14.2	AQ
LHL 1500A 10						35.18	1.385	5.26	0.207	177.80	7.00	20.14	115.0	1,790	402.5	84.3	3.32	16.0	AR
LHL 1500A 11						35.43	1.395	5.26	0.207	203.20	8.00	17.51	100.0	1,779	400.0	96.0	3.78	17.7	AS
LHL 2000A 01	CS	50.80	2.000	25.40	1.000	49.28	1.940	6.65	0.262	63.50	2.50	78.81	450.0	2,502	562.5	31.8	1.25	5.2	AP
LHL 2000A 02						47.75	1.880	6.65	0.262	76.20	3.00	70.05	400.0	2,669	600.0	38.1	1.50	6.0	AQ
LHL 2000A 03						47.24	1.860	6.65	0.262	88.90	3.50	59.55	340.0	2,647	595.0	43.7	1.72	6.9	AQ
LHL 2000A 04						46.74	1.840	6.65	0.262	101.60	4.00	52.54	300.0	2,669	600.0	50.0	1.97	7.8	AR
LHL 2000A 05						46.74	1.840	6.65	0.262	114.30	4.50	46.41	265.0	2,652	596.3	55.1	2.17	8.5	AR
LHL 2000A 06						46.48	1.830	6.65	0.262	127.00	5.00	41.16	235.0	2,613	587.5	61.0	2.40	9.5	AS
LHL 2000A 07						46.48	1.830	6.65	0.262	139.70	5.50	37.65	215.0	2,630	591.3	68.1	2.68	10.2	AS
LHL 2000A 08						45.59	1.795	6.65	0.262	152.40	6.00	35.90	205.0	2,736	615.0	74.7	2.94	11.2	AT
LHL 2000A 09						45.59	1.795	6.65	0.262	177.80	7.00	30.74	175.5	2,732	614.3	84.6	3.33	12.7	AW
LHL 2000A 10						45.59	1.795	6.65	0.262	203.20	8.00	27.15	155.0	2,758	620.0	96.0	3.78	14.1	AX



DIE SPRINGS

Medium Load Plus – Beige

● Ideal Operating Range 25% to 35% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 37% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 375AB 01	MW	9.53	0.375	4.76	0.188	8.64	0.340	1.40	0.055	25.40	1.00	12.78	73.0	120	27.0	14.5	0.57	10.1	AA
LHL 375AB 02						8.64	0.340	1.40	0.055	31.75	1.25	10.51	60.0	124	27.8	17.0	0.67	11.9	AA
LHL 375AB 03						8.64	0.340	1.40	0.055	38.10	1.50	9.11	52.0	129	28.9	19.3	0.76	13.4	AA
LHL 375AB 04						8.64	0.340	1.40	0.055	44.45	1.75	8.06	46.0	133	29.8	21.3	0.84	14.9	AA
LHL 375AB 05						8.64	0.340	1.45	0.057	50.80	2.00	6.83	39.0	129	28.9	29.7	1.17	19.9	AB
LHL 375AB 06						8.64	0.340	1.45	0.057	63.50	2.50	5.78	33.0	136	30.5	34.5	1.36	23.2	AB
LHL 375AB 07						8.64	0.340	1.45	0.057	76.20	3.00	4.20	24.0	118	26.6	46.5	1.83	31.1	AC
LHL 375AB 08						8.64	0.340	1.45	0.057	152.40	6.00	2.28	13.0	129	28.9	86.4	3.40	55.7	AE
LHL 500AB 01	MW	12.70	0.500	7.14	0.281	12.07	0.475	1.91	0.075	25.40	1.00	23.47	134.0	221	49.6	14.7	0.58	7.5	AB
LHL 500AB 02						12.07	0.475	1.91	0.075	31.75	1.25	18.91	108.0	222	50.0	17.5	0.69	8.9	AB
LHL 500AB 03						12.07	0.475	1.98	0.078	38.10	1.50	17.16	98.0	242	54.4	22.6	0.89	11.1	AB
LHL 500AB 04						12.07	0.475	1.98	0.078	44.45	1.75	15.06	86.0	248	55.7	25.4	1.00	12.3	AB
LHL 500AB 05						12.07	0.475	1.98	0.078	50.80	2.00	13.31	76.0	250	56.2	27.9	1.10	13.7	AC
LHL 500AB 06						12.07	0.475	1.98	0.078	63.50	2.50	10.51	60.0	247	55.5	34.3	1.35	16.8	AC
LHL 500AB 07						12.07	0.475	1.98	0.078	76.20	3.00	8.41	48.0	237	53.3	41.9	1.65	20.5	AD
LHL 500AB 08						12.07	0.475	1.98	0.078	88.90	3.50	6.66	38.0	219	49.2	52.3	2.06	25.4	AD
LHL 500AB 09						12.07	0.475	1.98	0.078	152.40	6.00	3.50	20.0	198	44.4	94.7	3.73	46.4	AF
LHL 625AB 01	MW	15.88	0.625	8.73	0.344	14.76	0.581	2.31	0.091	25.40	1.00	34.15	195.0	321	72.2	15.5	0.61	6.5	AC
LHL 625AB 02						14.86	0.585	2.36	0.093	31.75	1.25	29.42	168.0	346	77.7	18.5	0.73	7.6	AC
LHL 625AB 03						14.73	0.580	2.41	0.095	38.10	1.50	26.09	149.0	368	82.7	23.1	0.91	9.2	AC
LHL 625AB 04						14.48	0.570	2.41	0.095	44.45	1.75	22.42	128.0	369	82.9	27.2	1.07	10.9	AC
LHL 625AB 05						14.99	0.590	2.49	0.098	50.80	2.00	20.67	118.0	388	87.3	30.5	1.20	11.9	AD
LHL 625AB 06						14.99	0.590	2.49	0.098	63.50	2.50	15.41	88.0	362	81.4	39.1	1.54	15.2	AD
LHL 625AB 07						14.99	0.590	2.49	0.098	76.20	3.00	13.66	78.0	385	86.6	43.4	1.71	16.9	AE
LHL 625AB 08						14.73	0.580	2.49	0.098	88.90	3.50	11.73	67.0	386	86.8	52.8	2.08	20.4	AE
LHL 625AB 09						14.73	0.580	2.49	0.098	101.60	4.00	10.51	60.0	395	88.8	57.9	2.28	22.6	AF
LHL 625AB 10						14.73	0.580	2.54	0.100	152.40	6.00	6.83	39.0	385	86.6	96.3	3.79	35.3	AH
LHL 750AB 01	MW	19.05	0.750	9.53	0.375	18.42	0.725	2.84	0.112	25.40	1.00	47.81	273.0	449	101.0	16.5	0.65	5.6	AE
LHL 750AB 02						18.29	0.720	2.92	0.115	31.75	1.25	42.03	240.0	494	111.0	20.3	0.80	6.7	AE
LHL 750AB 03						18.29	0.720	2.92	0.115	38.10	1.50	33.80	193.0	476	107.1	23.6	0.93	7.9	AE
LHL 750AB 04						17.65	0.695	2.92	0.115	44.45	1.75	31.70	181.0	521	117.2	27.4	1.08	9.1	AE
LHL 750AB 05						17.27	0.680	2.92	0.115	50.80	2.00	28.37	162.0	533	119.9	32.0	1.26	10.6	AF
LHL 750AB 06						17.40	0.685	2.92	0.115	63.50	2.50	21.54	123.0	506	113.8	39.1	1.54	13.0	AF
LHL 750AB 07						17.78	0.700	2.92	0.115	76.20	3.00	17.86	102.0	504	113.2	44.7	1.76	14.3	AG
LHL 750AB 08						17.78	0.700	2.92	0.115	88.90	3.50	15.76	90.0	519	116.6	48.0	1.89	16.0	AG
LHL 750AB 09						17.53	0.690	3.00	0.118	101.60	4.00	14.89	85.0	560	125.8	65.8	2.59	19.5	AH
LHL 750AB 10						17.27	0.680	3.00	0.118	114.30	4.50	12.78	73.0	541	121.6	72.1	2.84	23.5	AH
LHL 750AB 11						17.02	0.670	3.00	0.118	127.00	5.00	11.73	67.0	552	124.0	81.5	3.21	26.7	AJ
LHL 750AB 12						17.02	0.670	3.00	0.118	139.70	5.50	10.68	61.0	552	124.1	89.4	3.52	29.2	AJ
LHL 750AB 13						17.27	0.680	3.00	0.118	152.40	6.00	9.81	56.0	553	124.3	96.5	3.80	30.0	AK

DIE SPRINGS



Medium Load Plus – Beige

● Ideal Operating Range 25% to 35% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 37% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 1000AB 01	CS	25.40	1.000	12.70	0.500	24.51	0.965	3.61	0.142	25.40	1.00	75.83	433.0	713	160.2	16.0	0.63	4.4	AG
LHL 1000AB 02						23.75	0.935	3.61	0.142	31.75	1.25	64.10	366.0	753	169.3	19.3	0.76	5.2	AG
LHL 1000AB 03						22.86	0.900	3.61	0.142	38.10	1.50	57.62	329.0	812	182.6	23.9	0.94	6.1	AG
LHL 1000AB 04						23.75	0.935	3.76	0.148	44.45	1.75	51.14	292.0	841	189.1	26.4	1.04	6.9	AG
LHL 1000AB 05						23.75	0.935	3.76	0.148	50.80	2.00	43.96	251.0	826	185.7	29.5	1.16	7.6	AH
LHL 1000AB 06						23.50	0.925	3.76	0.148	63.50	2.50	35.73	204.0	839	188.7	35.6	1.40	9.2	AH
LHL 1000AB 07						23.50	0.925	3.76	0.148	76.20	3.00	29.07	166.0	820	184.3	42.2	1.66	10.9	AJ
LHL 1000AB 08						22.86	0.900	3.76	0.148	88.90	3.50	26.27	150.0	864	194.3	49.5	1.95	12.8	AJ
LHL 1000AB 09						24.13	0.950	3.96	0.156	101.60	4.00	22.77	130.0	856	192.4	61.5	2.42	15.1	AK
LHL 1000AB 10						24.64	0.970	3.96	0.156	114.30	4.50	19.44	111.0	822	184.8	66.3	2.61	16.2	AK
LHL 1000AB 11						24.64	0.970	3.96	0.156	127.00	5.00	18.04	103.0	848	190.6	70.6	2.78	17.3	AL
LHL 1000AB 12						24.64	0.970	3.96	0.156	139.70	5.50	16.11	92.0	833	187.2	78.2	3.08	19.2	AL
LHL 1000AB 13						24.64	0.970	3.96	0.156	152.40	6.00	14.19	81.0	800	179.8	87.6	3.45	21.5	AM
LHL 1250AB 01	CS	31.75	1.250	15.88	0.625	30.48	1.200	4.50	0.177	38.10	1.50	81.96	468.0	1,155	259.7	23.6	0.93	4.8	AK
LHL 1250AB 02						30.23	1.190	4.50	0.177	44.45	1.75	70.75	404.0	1,164	261.6	26.4	1.04	5.4	AK
LHL 1250AB 03						29.72	1.170	4.50	0.177	50.80	2.00	62.87	359.0	1,182	265.7	30.0	1.18	6.0	AL
LHL 1250AB 04						29.97	1.180	4.75	0.187	63.50	2.50	55.69	318.0	1,309	294.2	37.3	1.47	7.7	AL
LHL 1250AB 05						29.72	1.170	4.88	0.192	76.20	3.00	50.26	287.0	1,417	318.6	46.5	1.83	9.3	AM
LHL 1250AB 06						29.72	1.170	4.88	0.192	88.90	3.50	43.26	247.0	1,423	319.9	52.6	2.07	10.5	AM
LHL 1250AB 07						29.72	1.170	4.88	0.192	101.60	4.00	37.83	216.0	1,422	319.7	58.7	2.31	11.7	AN
LHL 1250AB 08						29.46	1.160	4.88	0.192	114.30	4.50	33.98	194.0	1,437	323.0	65.5	2.58	13.1	AN
LHL 1250AB 09						29.21	1.150	4.88	0.192	127.00	5.00	30.82	176.0	1,448	325.6	73.7	2.90	14.6	AP
LHL 1250AB 10						29.46	1.160	4.88	0.192	139.70	5.50	27.50	157.0	1,421	319.5	79.0	3.11	15.7	AP
LHL 1250AB 11						29.46	1.160	4.88	0.192	152.40	6.00	25.22	144.0	1,422	319.7	85.1	3.35	17.0	AQ
LHL 1500AB 01	CS	38.10	1.500	19.05	0.750	36.58	1.440	5.54	0.218	50.80	2.00	89.67	512.0	1,685	378.9	31.2	1.23	5.5	AM
LHL 1500AB 02						36.58	1.440	5.54	0.218	63.50	2.50	67.25	384.0	1,580	355.2	37.8	1.49	6.6	AM
LHL 1500AB 03						36.58	1.440	5.72	0.225	76.20	3.00	61.47	351.0	1,733	389.6	46.2	1.82	7.9	AN
LHL 1500AB 04						36.58	1.440	5.94	0.234	88.90	3.50	63.22	361.0	2,080	467.5	53.8	2.12	8.8	AN
LHL 1500AB 05						36.58	1.440	5.94	0.234	101.60	4.00	51.66	295.0	1,942	436.6	63.2	2.49	10.3	AP
LHL 1500AB 06						36.58	1.440	5.94	0.234	114.30	4.50	45.01	257.0	1,903	427.9	70.9	2.79	11.6	AP
LHL 1500AB 07						36.58	1.440	5.94	0.234	127.00	5.00	43.78	250.0	2,057	462.5	72.4	2.85	11.8	AQ
LHL 1500AB 08						36.58	1.440	5.94	0.234	139.70	5.50	36.78	210.0	1,901	427.4	83.8	3.30	13.7	AQ
LHL 1500AB 09						36.58	1.440	5.94	0.234	152.40	6.00	35.03	200.0	1,975	444.0	87.4	3.44	14.3	AR
LHL 2000AB 01	CS	50.80	2.000	25.40	1.000	48.01	1.890	7.19	0.283	63.50	2.50	121.37	693.0	2,851	641.0	38.6	1.52	5.2	AQ
LHL 2000AB 02						46.99	1.850	7.19	0.283	76.20	3.00	102.98	588.0	2,903	652.7	45.0	1.77	6.1	AR
LHL 2000AB 03						45.72	1.800	7.19	0.283	88.90	3.50	90.54	517.0	2,978	669.5	52.6	2.07	7.1	AR
LHL 2000AB 04						45.47	1.790	7.19	0.283	101.60	4.00	79.51	454.0	2,989	671.9	58.7	2.31	7.9	AS
LHL 2000AB 05						44.70	1.760	7.19	0.283	114.30	4.50	71.80	410.0	3,037	682.7	66.5	2.62	9.0	AS
LHL 2000AB 06						43.94	1.730	7.19	0.283	127.00	5.00	65.50	374.0	3,078	691.9	74.9	2.95	10.1	AT
LHL 2000AB 07						43.69	1.720	7.19	0.283	139.70	5.50	60.07	343.0	3,105	698.0	82.0	3.23	11.1	AT
LHL 2000AB 08						43.18	1.700	7.19	0.283	152.40	6.00	55.34	316.0	3,120	701.5	90.7	3.57	12.3	AU



DIE SPRINGS

Medium Heavy Load – Purple

● Ideal Operating Range 20% to 25% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 37% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 375B 01	MW	9.53	0.375	4.76	0.188	8.71	0.343	1.47	0.058	25.40	1.00	15.76	90.0	148	33.3	15.0	0.59	10.2	AA
LHL 375B 02						8.56	0.337	1.47	0.058	31.75	1.25	12.78	73.0	150	33.8	18.5	0.73	12.7	AA
LHL 375B 03						8.26	0.325	1.47	0.058	38.10	1.50	11.73	67.0	165	37.2	22.4	0.88	15.3	AA
LHL 375B 04						8.38	0.330	1.50	0.059	44.45	1.75	10.16	58.0	167	37.6	26.4	1.04	17.8	AA
LHL 375B 05						8.36	0.329	1.50	0.059	50.80	2.00	8.76	50.0	165	37.0	30.2	1.19	20.5	AB
LHL 375B 06						8.31	0.327	1.50	0.059	63.50	2.50	7.36	42.0	173	38.9	36.1	1.42	24.5	AB
LHL 375B 07						8.33	0.328	1.47	0.058	76.20	3.00	5.25	30.0	148	33.3	44.5	1.75	30.8	AC
LHL 375B 7A						8.33	0.328	1.47	0.058	101.60	4.00	4.20	24.0	158	35.5	60.5	2.38	37.9	AD
LHL 375B 7B						8.33	0.328	1.47	0.058	127.00	5.00	3.42	19.5	160	36.1	74.7	2.94	46.2	AD
LHL 375B 08						8.38	0.330	1.47	0.058	152.40	6.00	2.63	15.0	148	33.3	84.3	3.32	58.2	AE
LHL 375B 09	8.51	0.335	1.47	0.058	177.80	7.00	2.28	13.0	150	33.7	104.1	4.10	63.4	AE					
LHL 375B 10	8.64	0.340	1.47	0.058	203.20	8.00	1.93	11.0	145	32.6	115.3	4.54	70.8	AF					
LHL 500B 01	MW	12.70	0.500	7.14	0.281	11.71	0.461	1.98	0.078	25.40	1.00	29.42	168.0	277	62.2	15.5	0.61	7.9	AB
LHL 500B 02						11.84	0.466	2.03	0.080	31.75	1.25	24.34	139.0	286	64.3	19.6	0.77	9.7	AB
LHL 500B 03						11.56	0.455	2.03	0.080	38.10	1.50	21.02	120.0	296	66.6	23.4	0.92	11.7	AB
LHL 500B 04						11.68	0.460	2.03	0.080	44.45	1.75	18.21	104.0	299	67.3	25.7	1.01	12.8	AB
LHL 500B 05						11.71	0.461	2.03	0.080	50.80	2.00	15.24	87.0	286	64.4	29.7	1.17	14.8	AC
LHL 500B 06						11.71	0.461	2.03	0.080	63.50	2.50	11.91	68.0	280	62.9	36.8	1.45	18.3	AC
LHL 500B 07						11.71	0.461	2.03	0.080	76.20	3.00	9.98	57.0	282	63.3	42.9	1.69	21.5	AD
LHL 500B 08						11.71	0.461	2.03	0.080	88.90	3.50	8.23	47.0	271	60.9	51.3	2.02	25.6	AD
LHL 500B 8A						11.71	0.461	2.03	0.080	101.60	4.00	7.53	43.0	283	63.6	60.5	2.38	27.8	AD
LHL 500B 8B						11.71	0.461	2.03	0.080	127.00	5.00	5.95	34.0	280	62.9	75.4	2.97	34.7	AE
LHL 500B 09	11.71	0.461	2.03	0.080	152.40	6.00	4.73	27.0	266	59.9	86.4	3.40	43.1	AF					
LHL 500B 10	MW	15.88	0.625	8.73	0.344	11.71	0.461	2.03	0.080	177.80	7.00	4.38	25.0	288	64.8	104.1	4.10	46.4	AF
LHL 500B 11						11.71	0.461	2.03	0.080	203.20	8.00	3.85	22.0	290	65.1	115.3	4.54	52.5	AG
LHL 625B 01	MW	15.88	0.625	8.73	0.344	14.76	0.581	2.49	0.098	25.40	1.00	48.51	277.0	456	102.5	15.7	0.62	6.4	AC
LHL 625B 02						14.68	0.578	2.49	0.098	31.75	1.25	36.43	208.0	428	96.2	19.6	0.77	8.0	AC
LHL 625B 03						14.50	0.571	2.54	0.100	38.10	1.50	33.28	190.0	469	105.5	23.6	0.93	9.2	AC
LHL 625B 04						14.73	0.580	2.59	0.102	44.45	1.75	29.42	168.0	484	108.8	27.4	1.08	10.5	AC
LHL 625B 05						14.58	0.574	2.59	0.102	50.80	2.00	25.92	148.0	487	109.5	31.2	1.23	12.0	AD
LHL 625B 06						14.53	0.572	2.59	0.102	63.50	2.50	20.14	115.0	473	106.4	39.1	1.54	15.0	AD
LHL 625B 07						14.88	0.586	2.67	0.105	76.20	3.00	17.51	100.0	494	111.0	47.5	1.87	17.7	AE
LHL 625B 08						14.88	0.586	2.67	0.105	88.90	3.50	14.89	85.0	490	110.1	54.9	2.16	20.5	AE
LHL 625B 09						14.78	0.582	2.67	0.105	101.60	4.00	13.31	76.0	500	112.5	62.2	2.45	23.2	AF
LHL 625B 9A						14.78	0.582	2.67	0.105	127.00	5.00	11.38	65.0	535	120.3	75.7	2.98	26.8	AF
LHL 625B 10						14.66	0.577	2.67	0.105	152.40	6.00	8.76	50.0	494	111.0	94.5	3.72	35.2	AH
LHL 625B 11						14.78	0.582	2.67	0.105	177.80	7.00	8.06	46.0	530	119.1	104.1	4.10	37.0	AH
LHL 625B 12	14.86	0.585	2.67	0.105	203.20	8.00	7.01	40.0	527	118.4	119.4	4.70	41.5	AH					
LHL 750B 01	CS	19.05	0.750	9.53	0.375	18.03	0.710	3.05	0.120	25.40	1.00	78.81	450.0	741	166.5	16.0	0.63	5.2	AE
LHL 750B 02						18.42	0.725	3.18	0.125	31.75	1.25	67.43	385.0	792	178.1	19.8	0.78	6.2	AE
LHL 750B 03						18.16	0.715	3.18	0.125	38.10	1.50	56.04	320.0	790	177.6	23.6	0.93	7.3	AE
LHL 750B 04						17.65	0.695	3.18	0.125	44.45	1.75	50.44	288.0	830	186.5	27.4	1.08	8.6	AE
LHL 750B 05						17.53	0.690	3.18	0.125	50.80	2.00	43.43	248.0	816	183.5	31.5	1.24	9.9	AF
LHL 750B 06						17.53	0.690	3.18	0.125	63.50	2.50	33.63	192.0	790	177.6	38.9	1.53	12.1	AF
LHL 750B 07						18.03	0.710	3.18	0.125	76.20	3.00	25.22	144.0	711	159.8	45.2	1.78	14.2	AG
LHL 750B 08						17.78	0.700	3.18	0.125	88.90	3.50	22.42	128.0	738	165.8	52.6	2.07	16.4	AG
LHL 750B 09						17.27	0.680	3.18	0.125	101.60	4.00	21.02	120.0	790	177.6	61.0	2.40	19.1	AH
LHL 750B 10						16.89	0.665	3.18	0.125	114.30	4.50	19.61	112.0	830	186.5	69.9	2.75	21.9	AH
LHL 750B 11						16.64	0.655	3.18	0.125	127.00	5.00	18.21	104.0	856	192.4	78.7	3.10	24.7	AJ
LHL 750B 12						16.51	0.650	3.18	0.125	139.70	5.50	16.81	96.0	869	195.4	86.9	3.42	27.3	AJ
LHL 750B 13						17.15	0.675	3.18	0.125	152.40	6.00	14.01	80.0	790	177.6	90.4	3.56	28.4	AK
LHL 750B 14						17.27	0.680	3.18	0.125	177.80	7.00	12.26	70.0	806	181.3	105.7	4.16	31.3	AK
LHL 750B 15						17.27	0.680	3.18	0.125	203.20	8.00	10.68	61.0	803	180.6	119.4	4.70	35.7	AL

DIE SPRINGS



Medium Heavy Load – Purple

● Ideal Operating Range 20% to 25% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 37% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 1000B 01	CS	25.40	1.000	12.70	0.500	23.88	0.940	3.76	0.148	25.40	1.00	108.58	620.0	1,020	229.4	16.0	0.63	4.2	AG
LHL 1000B 02						24.26	0.955	3.96	0.156	31.75	1.25	98.07	560.0	1,152	259.0	19.8	0.78	5.0	AG
LHL 1000B 03						23.11	0.910	3.96	0.156	38.10	1.50	86.87	496.0	1,225	275.3	23.9	0.94	6.0	AG
LHL 1000B 04						24.00	0.945	4.11	0.162	44.45	1.75	77.06	440.0	1,267	284.9	27.7	1.09	6.7	AG
LHL 1000B 05						24.13	0.950	4.11	0.162	50.80	2.00	64.45	368.0	1,211	272.3	31.2	1.23	7.5	AH
LHL 1000B 06						24.00	0.945	4.11	0.162	63.50	2.50	50.44	288.0	1,185	266.4	38.1	1.50	9.2	AH
LHL 1000B 07						24.00	0.945	4.11	0.162	76.20	3.00	40.63	232.0	1,145	257.5	45.2	1.78	10.9	AJ
LHL 1000B 08						23.11	0.910	4.11	0.162	88.90	3.50	37.83	216.0	1,244	279.7	53.6	2.11	13.0	AJ
LHL 1000B 09						23.24	0.915	4.11	0.162	101.60	4.00	32.22	184.0	1,211	272.3	60.5	2.38	14.6	AK
LHL 1000B 10						23.75	0.935	4.11	0.162	114.30	4.50	26.62	152.0	1,126	253.1	66.5	2.62	16.1	AK
LHL 1000B 11						23.24	0.915	4.11	0.162	127.00	5.00	25.22	144.0	1,185	266.4	74.9	2.95	18.1	AL
LHL 1000B 12						23.37	0.920	4.11	0.162	139.70	5.50	22.42	128.0	1,159	260.5	81.8	3.22	19.8	AL
LHL 1000B 13						23.75	0.935	4.11	0.162	152.40	6.00	19.61	112.0	1,106	248.6	87.4	3.44	21.1	AM
LHL 1000B 14						23.75	0.935	4.11	0.162	177.80	7.00	16.69	95.3	1,098	246.8	100.8	3.97	24.5	AN
LHL 1000B 15						23.37	0.920	4.11	0.162	203.20	8.00	15.41	88.0	1,159	260.5	119.4	4.70	27.8	AP
LHL 1250B 01	CS	31.75	1.250	15.88	0.625	30.48	1.200	4.95	0.195	38.10	1.50	126.97	725.0	1,790	402.4	24.0	0.95	4.8	AK
LHL 1250B 02						30.23	1.190	4.95	0.195	44.45	1.75	105.08	600.0	1,728	388.5	27.4	1.08	5.5	AK
LHL 1250B 03						29.46	1.160	4.95	0.195	50.80	2.00	94.57	540.0	1,778	399.6	31.4	1.24	6.3	AL
LHL 1250B 04						30.35	1.195	5.26	0.207	63.50	2.50	87.57	500.0	2,057	462.5	39.5	1.56	7.5	AL
LHL 1250B 05						29.59	1.165	5.26	0.207	76.20	3.00	75.31	430.0	2,123	477.3	47.4	1.87	9.0	AM
LHL 1250B 06						29.46	1.160	5.26	0.207	88.90	3.50	63.92	365.0	2,104	472.9	54.6	2.15	10.4	AM
LHL 1250B 07						29.46	1.160	5.26	0.207	101.60	4.00	55.17	315.0	2,074	466.2	61.6	2.43	11.7	AN
LHL 1250B 08						29.08	1.145	5.26	0.207	114.30	4.50	49.91	285.0	2,111	474.5	69.9	2.75	13.2	AN
LHL 1250B 09						28.96	1.140	5.26	0.207	127.00	5.00	44.66	255.0	2,099	471.8	77.9	3.07	14.7	AP
LHL 1250B 10						29.21	1.150	5.26	0.207	139.70	5.50	39.40	225.0	2,037	457.9	84.3	3.32	16.0	AP
LHL 1250B 11						29.21	1.150	5.26	0.207	152.40	6.00	35.90	205.0	2,024	455.1	91.6	3.61	17.4	AQ
LHL 1250B 12						29.21	1.150	5.26	0.207	177.80	7.00	30.47	174.0	2,005	450.7	105.6	4.16	20.1	AR
LHL 1250B 13						30.23	1.190	5.54	0.218	203.20	8.00	32.22	184.0	2,423	544.6	121.4	4.78	21.2	AR
LHL 1500B 01	CS	38.10	1.500	19.05	0.750	36.20	1.425	5.94	0.234	50.80	2.00	130.47	745.0	2,452	551.3	31.8	1.25	5.4	AM
LHL 1500B 02						35.94	1.415	6.17	0.243	63.50	2.50	122.59	700.0	2,880	647.5	39.9	1.57	6.5	AM
LHL 1500B 03						35.81	1.410	6.17	0.243	76.20	3.00	98.07	560.0	2,765	621.6	47.4	1.87	7.6	AN
LHL 1500B 04						35.94	1.415	6.35	0.250	88.90	3.50	92.47	528.0	3,042	683.8	55.6	2.19	8.7	AN
LHL 1500B 05						35.18	1.385	6.35	0.250	101.60	4.00	84.06	480.0	3,160	710.4	63.6	2.51	10.0	AP
LHL 1500B 06						34.80	1.370	6.35	0.250	114.30	4.50	75.66	432.0	3,200	719.3	71.6	2.82	11.3	AP
LHL 1500B 07						35.31	1.390	6.35	0.250	127.00	5.00	64.45	368.0	3,028	680.8	78.4	3.09	12.3	AQ
LHL 1500B 08						34.80	1.370	6.35	0.250	139.70	5.50	60.25	344.0	3,114	700.0	86.7	3.42	13.6	AQ
LHL 1500B 09						35.18	1.385	6.35	0.250	152.40	6.00	53.24	304.0	3,002	674.9	93.2	3.67	14.6	AR
LHL 1500B 10						35.18	1.385	6.35	0.250	177.80	7.00	45.53	260.0	2,995	673.4	106.5	4.19	16.8	AT
LHL 1500B 11						35.56	1.400	6.35	0.250	203.20	8.00	38.53	220.0	2,897	651.2	121.7	4.79	18.8	AV
LHL 2000B 01	CS	50.80	2.000	25.40	1.000	49.53	1.950	7.92	0.312	63.50	2.50	179.51	1025.0	4,217	948.1	39.9	1.57	5.0	AQ
LHL 2000B 02						48.26	1.900	7.92	0.312	76.20	3.00	148.86	850.0	4,197	943.5	47.8	1.88	6.0	AR
LHL 2000B 03						46.74	1.840	7.92	0.312	88.90	3.50	134.85	770.0	4,436	997.2	55.4	2.18	7.0	AR
LHL 2000B 04						46.48	1.830	7.92	0.312	101.60	4.00	116.29	664.0	4,372	982.8	62.5	2.46	7.9	AS
LHL 2000B 05						45.72	1.800	7.92	0.312	114.30	4.50	105.08	600.0	4,444	999.0	70.9	2.79	8.9	AS
LHL 2000B 06						49.53	1.950	8.41	0.331	127.00	5.00	98.07	560.0	4,608	1036.0	78.2	3.08	9.3	AT
LHL 2000B 07						49.53	1.950	8.41	0.331	139.70	5.50	88.27	504.0	4,562	1025.6	85.1	3.35	10.1	AT
LHL 2000B 08						49.02	1.930	8.41	0.331	152.40	6.00	82.66	472.0	4,661	1047.8	92.5	3.64	10.9	AU
LHL 2000B 09						49.02	1.930	8.41	0.331	177.80	7.00	69.62	397.5	4,580	1029.5	106.1	4.18	12.6	AW
LHL 2000B 10						49.02	1.930	8.41	0.331	203.20	8.00	61.65	352.0	4,635	1041.9	121.7	4.79	14.0	AX



DIE SPRINGS

Heavy Load – Black

● Ideal Operating Range 15% to 20% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 30% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 375C 01	MW	9.53	0.375	4.76	0.188	8.69	0.342	1.59	0.063	25.40	1.00	21.72	124.0	165	37.2	16.0	0.63	10.1	AB
LHL 375C 02						8.76	0.345	1.59	0.063	31.75	1.25	17.16	98.0	164	36.8	18.8	0.74	12.0	AB
LHL 375C 03						8.84	0.348	1.65	0.065	38.10	1.50	16.81	96.0	192	43.2	23.4	0.92	14.3	AB
LHL 375C 04						8.76	0.345	1.65	0.065	44.45	1.75	14.71	84.0	196	44.1	26.9	1.06	16.5	AB
LHL 375C 05						8.76	0.345	1.65	0.065	50.80	2.00	12.61	72.0	192	43.2	31.0	1.22	18.9	AC
LHL 375C 06						9.02	0.355	1.70	0.067	63.50	2.50	10.51	60.0	200	45.0	38.9	1.53	23.1	AC
LHL 375C 07						9.02	0.355	1.65	0.065	76.20	3.00	7.36	42.0	168	37.8	45.7	1.80	28.1	AD
LHL 375C 7A						9.02	0.355	1.70	0.067	101.60	4.00	6.66	38.0	203	45.6	65.5	2.58	35.3	AE
LHL 375C 7B						9.02	0.355	1.70	0.067	127.00	5.00	5.25	30.0	200	45.0	81.8	3.22	44.2	AE
LHL 375C 08						8.76	0.345	1.65	0.065	152.40	6.00	3.94	22.5	180	40.5	91.2	3.59	56.2	AF
LHL 375C 09	8.76	0.345	1.65	0.065	177.80	7.00	3.50	20.0	187	42.0	115.3	4.54	63.0	AF					
LHL 375C 10	8.76	0.345	1.65	0.065	203.20	8.00	3.15	18.0	192	43.2	133.1	5.24	69.8	AG					
LHL 500C 01	MW	12.70	0.500	7.14	0.281	12.07	0.475	2.16	0.085	25.40	1.00	41.33	236.0	315	70.8	16.3	0.64	7.6	AC
LHL 500C 02						12.07	0.475	2.16	0.085	31.75	1.25	32.57	186.0	310	69.8	19.6	0.77	9.1	AC
LHL 500C 03						12.12	0.477	2.21	0.087	38.10	1.50	28.72	164.0	328	73.8	23.9	0.94	10.8	AC
LHL 500C 04						12.12	0.477	2.21	0.087	44.45	1.75	24.17	138.0	322	72.5	27.4	1.08	12.5	AC
LHL 500C 05						12.07	0.475	2.16	0.085	50.80	2.00	19.26	110.0	294	66.0	34.3	1.35	14.0	AD
LHL 500C 06						12.07	0.475	2.16	0.085	63.50	2.50	14.71	84.0	280	63.0	37.8	1.49	17.7	AD
LHL 500C 07						12.12	0.477	2.21	0.087	76.20	3.00	12.96	74.0	296	66.6	47.2	1.86	21.6	AE
LHL 500C 08						12.12	0.477	2.21	0.087	88.90	3.50	11.21	64.0	299	67.2	53.6	2.11	24.6	AE
LHL 500C 8A						12.12	0.477	2.21	0.087	101.60	4.00	10.51	60.0	320	72.0	64.5	2.54	26.1	AF
LHL 500C 8B						12.12	0.477	2.21	0.087	127.00	5.00	8.23	47.0	314	70.5	78.7	3.10	32.8	AF
LHL 500C 09	12.12	0.477	2.21	0.087	152.40	6.00	6.48	37.0	296	66.6	89.7	3.53	41.2	AG					
LHL 500C 10	12.12	0.477	2.21	0.087	177.80	7.00	5.95	34.0	318	71.4	107.7	4.24	44.6	AG					
LHL 500C 11	12.12	0.477	2.21	0.087	203.20	8.00	5.08	29.0	310	69.6	132.1	5.20	52.0	AH					
LHL 625C 01	MW	15.88	0.625	8.73	0.344	15.04	0.592	2.77	0.109	25.40	1.00	74.26	424.0	566	127.2	17.5	0.69	6.3	AD
LHL 625C 02						15.24	0.600	2.77	0.109	31.75	1.25	51.84	296.0	494	111.0	21.8	0.86	7.8	AD
LHL 625C 03						14.81	0.583	2.77	0.109	38.10	1.50	47.64	272.0	544	122.4	25.1	0.99	9.0	AD
LHL 625C 04						15.11	0.595	2.84	0.112	44.45	1.75	42.03	240.0	560	126.0	29.7	1.17	10.4	AD
LHL 625C 05						14.96	0.589	2.84	0.112	50.80	2.00	36.43	208.0	555	124.8	34.3	1.35	12.0	AE
LHL 625C 06						14.99	0.590	2.84	0.112	63.50	2.50	29.77	170.0	567	127.5	40.6	1.60	14.2	AE
LHL 625C 07						14.99	0.590	2.84	0.112	76.20	3.00	25.22	144.0	576	129.6	46.7	1.84	16.4	AF
LHL 625C 08						14.99	0.590	2.84	0.112	88.90	3.50	21.37	122.0	570	128.1	54.4	2.14	19.0	AF
LHL 625C 09						15.11	0.595	2.92	0.115	101.60	4.00	18.91	108.0	576	129.6	67.6	2.66	23.1	AG
LHL 625C 9A						15.11	0.595	2.92	0.115	127.00	5.00	15.76	90.0	601	135.0	83.8	3.30	27.3	AG
LHL 625C 10						15.11	0.595	2.92	0.115	152.40	6.00	12.26	70.0	560	126.0	101.1	3.98	34.5	AJ
LHL 625C 11						15.11	0.595	2.92	0.115	177.80	7.00	11.21	64.0	598	134.4	115.3	4.54	37.5	AJ
LHL 625C 12	15.11	0.595	2.92	0.115	203.20	8.00	9.63	55.0	587	132.0	133.1	5.24	43.3	AK					
LHL 750C 01	CS	19.05	0.750	9.53	0.375	18.03	0.710	3.43	0.135	25.40	1.00	139.23	795.0	1,061	238.5	17.8	0.70	5.2	AF
LHL 750C 02						18.29	0.720	3.61	0.142	31.75	1.25	127.85	730.0	1,218	273.8	22.4	0.88	6.2	AF
LHL 750C 03						18.03	0.710	3.61	0.142	38.10	1.50	105.96	605.0	1,211	272.3	26.4	1.04	7.3	AF
LHL 750C 04						18.03	0.710	3.61	0.142	44.45	1.75	87.57	500.0	1,168	262.5	30.5	1.20	8.4	AF
LHL 750C 05						18.03	0.710	3.61	0.142	50.80	2.00	74.43	425.0	1,134	255.0	34.5	1.36	9.5	AG
LHL 750C 06						18.03	0.710	3.61	0.142	63.50	2.50	57.79	330.0	1,101	247.5	42.4	1.67	11.7	AG
LHL 750C 07						18.54	0.730	3.76	0.148	76.20	3.00	52.54	300.0	1,201	270.0	51.6	2.03	13.7	AH
LHL 750C 08						18.54	0.730	3.76	0.148	88.90	3.50	44.66	255.0	1,191	267.8	59.4	2.34	15.7	AH
LHL 750C 09						18.54	0.730	3.76	0.148	101.60	4.00	38.53	220.0	1,174	264.0	67.6	2.66	17.9	AJ
LHL 750C 10						18.54	0.730	3.76	0.148	114.30	4.50	34.15	195.0	1,171	263.3	75.4	2.97	19.9	AJ
LHL 750C 11						18.42	0.725	3.76	0.148	127.00	5.00	30.82	176.0	1,174	264.0	84.6	3.33	22.4	AK
LHL 750C 12						18.42	0.725	3.76	0.148	139.70	5.50	28.02	160.0	1,174	264.0	92.2	3.63	24.4	AK
LHL 750C 13						18.42	0.725	3.76	0.148	152.40	6.00	25.22	144.0	1,153	259.2	101.9	4.01	26.9	AL
LHL 750C 14						18.49	0.728	3.76	0.148	177.80	7.00	21.89	125.0	1,168	262.5	118.4	4.66	30.3	AN
LHL 750C 15						18.49	0.728	3.76	0.148	203.20	8.00	19.26	110.0	1,174	264.0	133.6	5.26	34.1	AP
LHL 750C 17						18.42	0.725	3.76	0.148	304.80	12.00	12.61	72.0	1,153	259.2	201.3	7.93	51.9	AV

DIE SPRINGS



Heavy Load – Black

● Ideal Operating Range 15% to 20% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 30% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 1000C 01	CS	25.40	1.000	12.70	0.500	24.77	0.975	4.32	0.170	25.40	1.00	192.65	1100.0	1,468	330.0	17.8	0.70	4.1	AH
LHL 1000C 02						24.51	0.965	4.50	0.177	31.75	1.25	175.13	1000.0	1,668	375.0	22.1	0.87	4.9	AH
LHL 1000C 03						23.24	0.915	4.50	0.177	38.10	1.50	157.62	900.0	1,802	405.0	26.7	1.05	5.9	AH
LHL 1000C 04						22.61	0.890	4.50	0.177	44.45	1.75	140.11	800.0	1,868	420.0	31.0	1.22	6.9	AH
LHL 1000C 05						23.24	0.915	4.65	0.183	50.80	2.00	128.72	735.0	1,962	441.0	35.6	1.40	7.6	AJ
LHL 1000C 06						23.75	0.935	4.75	0.187	63.50	2.50	103.33	590.0	1,968	442.5	43.7	1.72	9.1	AJ
LHL 1000C 07						23.75	0.935	4.75	0.187	76.20	3.00	84.06	480.0	1,922	432.0	51.3	2.02	10.8	AK
LHL 1000C 08						23.75	0.935	4.75	0.187	88.90	3.50	70.05	400.0	1,868	420.0	59.7	2.35	12.5	AK
LHL 1000C 09						23.75	0.935	4.75	0.187	101.60	4.00	60.42	345.0	1,842	414.0	67.6	2.66	14.2	AL
LHL 1000C 10						23.75	0.935	4.75	0.187	114.30	4.50	53.42	305.0	1,832	411.8	75.2	2.96	15.8	AL
LHL 1000C 11						24.38	0.960	4.88	0.192	127.00	5.00	49.91	285.0	1,902	427.5	83.8	3.30	17.1	AM
LHL 1000C 12						24.38	0.960	4.88	0.192	139.70	5.50	45.53	260.0	1,908	429.0	90.9	3.58	18.6	AM
LHL 1000C 13						24.38	0.960	4.88	0.192	152.40	6.00	41.16	235.0	1,882	423.0	99.6	3.92	20.4	AN
LHL 1000C 14						24.38	0.960	4.88	0.192	177.80	7.00	35.03	200.0	1,868	420.0	114.9	4.52	23.6	AP
LHL 1000C 15						23.62	0.930	4.88	0.192	203.20	8.00	33.63	192.0	2,050	460.8	137.2	5.40	27.3	AQ
LHL 1250C 01	CS	31.75	1.250	15.88	0.625	30.23	1.190	5.72	0.225	38.10	1.50	236.43	1350.0	2,702	607.5	26.7	1.05	5.0	AL
LHL 1250C 02						30.23	1.190	5.72	0.225	44.45	1.75	192.65	1100.0	2,569	577.5	30.2	1.19	5.7	AL
LHL 1250C 03						30.23	1.190	5.72	0.225	50.80	2.00	175.13	1000.0	2,669	600.0	35.1	1.38	6.1	AM
LHL 1250C 04						30.23	1.190	5.94	0.234	63.50	2.50	159.37	910.0	3,036	682.5	44.2	1.74	7.4	AM
LHL 1250C 05						29.97	1.180	5.94	0.234	76.20	3.00	131.35	750.0	3,003	675.0	52.3	2.06	8.8	AN
LHL 1250C 06						30.48	1.200	6.17	0.243	88.90	3.50	125.22	715.0	3,340	750.8	62.0	2.44	10.0	AN
LHL 1250C 07						30.35	1.195	6.17	0.243	101.60	4.00	109.46	625.0	3,336	750.0	70.1	2.76	11.3	AP
LHL 1250C 08						30.35	1.195	6.17	0.243	114.30	4.50	95.45	545.0	3,273	735.8	78.5	3.09	12.7	AP
LHL 1250C 09						30.35	1.195	6.17	0.243	127.00	5.00	84.06	480.0	3,203	720.0	87.4	3.44	14.1	AQ
LHL 1250C 10						30.35	1.195	6.17	0.243	139.70	5.50	75.31	430.0	3,156	709.5	96.0	3.78	15.5	AQ
LHL 1250C 11						30.35	1.195	6.17	0.243	152.40	6.00	68.30	390.0	3,123	702.0	104.6	4.12	16.9	AR
LHL 1250C 12						30.35	1.195	6.17	0.243	177.80	7.00	59.19	338.0	3,157	709.8	118.4	4.66	19.2	AS
LHL 1250C 13						29.46	1.160	6.17	0.243	203.20	8.00	57.44	328.0	3,502	787.2	137.2	5.40	21.8	AT
LHL 1500C 01	CS	38.10	1.500	19.05	0.750	36.70	1.445	6.65	0.262	50.80	2.00	218.92	1250.0	3,336	750.0	35.3	1.39	5.3	AN
LHL 1500C 02						36.96	1.455	6.93	0.273	63.50	2.50	197.02	1125.0	3,753	843.8	43.9	1.73	6.3	AN
LHL 1500C 03						35.56	1.400	6.93	0.273	76.20	3.00	175.13	1000.0	4,003	900.0	52.8	2.08	7.6	AP
LHL 1500C 04						36.32	1.430	7.19	0.283	88.90	3.50	162.87	930.0	4,344	976.5	61.7	2.43	8.6	AP
LHL 1500C 05						36.07	1.420	7.19	0.283	101.60	4.00	142.73	815.0	4,350	978.0	70.1	2.76	9.7	AQ
LHL 1500C 06						36.07	1.420	7.19	0.283	114.30	4.50	124.34	710.0	4,264	958.5	78.2	3.08	10.8	AQ
LHL 1500C 07						35.94	1.415	7.19	0.283	127.00	5.00	111.21	635.0	4,237	952.5	86.6	3.41	12.0	AR
LHL 1500C 08						35.94	1.415	7.19	0.283	139.70	5.50	99.83	570.0	4,184	940.5	95.0	3.74	13.2	AR
LHL 1500C 09						35.94	1.415	7.19	0.283	152.40	6.00	90.19	515.0	4,124	927.0	103.6	4.08	14.3	AS
LHL 1500C 10						35.94	1.415	7.19	0.283	177.80	7.00	77.06	440.0	4,110	924.0	118.2	4.65	16.5	AU
LHL 1500C 11						34.67	1.365	7.19	0.283	203.20	8.00	75.66	432.0	4,612	1036.8	138.2	5.44	18.9	AW
LHL 2000C 01	CS	50.80	2.000	25.40	1.000	48.13	1.895	8.71	0.343	63.50	2.50	302.10	1725.0	5,755	1293.8	44.5	1.75	5.1	AR
LHL 2000C 02						46.74	1.840	8.71	0.343	76.20	3.00	253.94	1450.0	5,805	1305.0	53.1	2.09	6.1	AS
LHL 2000C 03						46.74	1.840	8.71	0.343	88.90	3.50	210.16	1200.0	5,605	1260.0	60.7	2.39	6.9	AS
LHL 2000C 04						46.23	1.820	8.71	0.343	101.60	4.00	183.89	1050.0	5,605	1260.0	69.1	2.72	7.9	AT
LHL 2000C 05						49.02	1.930	9.19	0.362	114.30	4.50	177.76	1015.0	6,095	1370.3	76.7	3.02	8.3	AT
LHL 2000C 06						47.75	1.880	9.19	0.362	127.00	5.00	168.13	960.0	6,405	1440.0	86.4	3.40	9.4	AU
LHL 2000C 07						47.50	1.870	9.19	0.362	139.70	5.50	153.24	875.0	6,422	1443.8	94.5	3.72	10.2	AU
LHL 2000C 08						47.24	1.860	9.19	0.362	152.40	6.00	140.11	800.0	6,405	1440.0	103.1	4.06	11.2	AV
LHL 2000C 09						47.24	1.860	9.19	0.362	177.80	7.00	118.21	675.0	6,305	1417.5	118.4	4.66	12.9	AX
LHL 2000C 10						46.99	1.850	9.19	0.362	203.20	8.00	106.83	610.0	6,512	1464.0	133.6	5.26	14.3	AY



DIE SPRINGS

Extra Heavy Load – Orange

● Ideal Operating Range 10% to 15% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 25% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 375D 01	MW	9.53	0.375	4.76	0.188	8.76	0.345	1.78	0.070	25.40	1.00	38.53	220.0	245	55.0	17.5	0.69	9.9	AC
LHL 375D 02						8.76	0.345	1.78	0.070	31.75	1.25	29.77	170.0	236	53.1	21.6	0.85	12.2	AC
LHL 375D 03						8.81	0.347	1.80	0.071	38.10	1.50	25.39	145.0	242	54.4	25.9	1.02	14.5	AC
LHL 375D 04						8.99	0.354	1.80	0.071	44.45	1.75	20.14	115.0	224	50.3	29.5	1.16	16.6	AC
LHL 375D 05						8.76	0.345	1.78	0.070	50.80	2.00	17.51	100.0	222	50.0	34.0	1.34	19.3	AD
LHL 375D 06						8.94	0.352	1.80	0.071	63.50	2.50	14.01	80.0	222	50.0	41.9	1.65	23.5	AD
LHL 375D 07						8.97	0.353	1.80	0.071	76.20	3.00	11.38	65.0	217	48.8	49.8	1.96	28.2	AE
LHL 375D 7A						9.02	0.355	1.80	0.071	101.60	4.00	9.02	51.5	229	51.5	67.1	2.64	34.3	AE
LHL 375D 7B						9.02	0.355	1.80	0.071	127.00	5.00	7.18	41.0	228	51.3	86.4	3.40	42.6	AF
LHL 375D 08						8.97	0.353	1.80	0.071	152.40	6.00	5.60	32.0	214	48.0	97.8	3.85	55.1	AG
LHL 375D 09						8.97	0.353	1.80	0.071	177.80	7.00	5.25	30.0	234	52.5	121.9	4.80	58.7	AH
LHL 375D 10						8.97	0.353	1.80	0.071	203.20	8.00	4.55	26.0	231	52.0	138.7	5.46	67.4	AK
LHL 375D 12						8.97	0.353	1.80	0.071	304.80	12.00	2.73	15.6	208	46.8	213.9	8.42	111.0	AQ
LHL 500D 01	MW	12.70	0.500	7.14	0.281	12.19	0.480	2.34	0.092	25.40	1.00	56.04	320.0	356	80.0	17.8	0.70	7.8	AD
LHL 500D 02						12.19	0.480	2.34	0.092	31.75	1.25	42.03	240.0	334	75.0	22.1	0.87	9.7	AD
LHL 500D 03						12.19	0.480	2.34	0.092	38.10	1.50	35.03	200.0	334	75.0	25.4	1.00	11.2	AD
LHL 500D 04						12.19	0.480	2.34	0.092	44.45	1.75	29.77	170.0	331	74.4	29.2	1.15	12.8	AD
LHL 500D 05						12.19	0.480	2.34	0.092	50.80	2.00	24.52	140.0	311	70.0	34.3	1.35	15.1	AE
LHL 500D 06						12.19	0.480	2.34	0.092	63.50	2.50	20.14	115.0	320	71.9	40.9	1.61	18.0	AE
LHL 500D 07						12.19	0.480	2.34	0.092	76.20	3.00	15.76	90.0	300	67.5	50.8	2.00	22.4	AF
LHL 500D 08						12.19	0.480	2.34	0.092	88.90	3.50	14.01	80.0	311	70.0	56.4	2.22	25.0	AF
LHL 500D 8A						12.19	0.480	2.34	0.092	101.60	4.00	13.31	76.0	338	76.0	64.5	2.54	25.6	AG
LHL 500D 8B						12.19	0.480	2.34	0.092	127.00	5.00	10.51	60.0	334	75.0	81.8	3.22	31.9	AG
LHL 500D 09						12.19	0.480	2.34	0.092	152.40	6.00	7.88	45.0	300	67.5	96.5	3.80	42.9	AH
LHL 500D 10						12.19	0.480	2.34	0.092	177.80	7.00	7.36	42.0	327	73.5	114.8	4.52	44.7	AH
LHL 500D 11						12.19	0.480	2.34	0.092	203.20	8.00	6.48	37.0	329	74.0	132.1	5.20	50.5	AJ
LHL 625D 01	MW	15.88	0.625	8.73	0.344	15.24	0.600	3.00	0.118	25.40	1.00	110.33	630.0	701	157.5	18.0	0.71	6.0	AE
LHL 625D 02						15.24	0.600	3.00	0.118	31.75	1.25	82.31	470.0	653	146.9	22.1	0.87	7.3	AE
LHL 625D 03						15.24	0.600	3.00	0.118	38.10	1.50	66.55	380.0	634	142.5	25.9	1.02	8.6	AE
LHL 625D 04						15.24	0.600	3.00	0.118	44.45	1.75	56.04	320.0	623	140.0	29.5	1.16	9.8	AE
LHL 625D 05						15.24	0.600	3.05	0.120	50.80	2.00	50.79	290.0	645	145.0	34.8	1.37	11.3	AF
LHL 625D 06						15.24	0.600	3.05	0.120	63.50	2.50	38.53	220.0	612	137.5	43.7	1.72	14.3	AF
LHL 625D 07						15.24	0.600	3.05	0.120	76.20	3.00	31.52	180.0	601	135.0	52.1	2.05	17.0	AG
LHL 625D 08						15.24	0.600	3.05	0.120	88.90	3.50	28.02	160.0	623	140.0	57.7	2.27	18.9	AG
LHL 625D 09						15.24	0.600	3.05	0.120	101.60	4.00	23.64	135.0	601	135.0	67.3	2.65	22.0	AH
LHL 625D 9A						15.24	0.600	3.05	0.120	127.00	5.00	19.61	112.0	623	140.0	83.8	3.30	26.1	AJ
LHL 625D 10						15.24	0.600	3.05	0.120	152.40	6.00	15.76	90.0	601	135.0	97.8	3.85	32.0	AK
LHL 625D 11						15.24	0.600	3.05	0.120	177.80	7.00	14.01	80.0	623	140.0	117.9	4.64	35.7	AK
LHL 625D 12						15.24	0.600	3.05	0.120	203.20	8.00	11.91	68.0	605	136.0	139.7	5.50	41.6	AL
LHL 750D 01	CS	19.05	0.750	9.53	0.375	18.54	0.730	3.76	0.148	25.40	1.00	201.40	1150.0	1,279	287.5	19.1	0.75	5.0	AG
LHL 750D 02						18.54	0.730	3.91	0.154	31.75	1.25	184.77	1055.0	1,467	329.7	23.6	0.93	6.0	AG
LHL 750D 03						18.54	0.730	3.91	0.154	38.10	1.50	144.48	825.0	1,376	309.4	28.2	1.11	7.1	AG
LHL 750D 04						18.54	0.730	3.91	0.154	44.45	1.75	119.09	680.0	1,323	297.5	32.5	1.28	8.2	AG
LHL 750D 05						18.54	0.730	3.91	0.154	50.80	2.00	102.45	585.0	1,301	292.5	36.3	1.43	9.2	AH
LHL 750D 06						18.54	0.730	3.91	0.154	63.50	2.50	78.81	450.0	1,251	281.3	45.0	1.77	11.4	AH
LHL 750D 07						18.54	0.730	3.96	0.156	76.20	3.00	68.30	390.0	1,301	292.5	54.1	2.13	13.5	AJ
LHL 750D 08						18.54	0.730	3.96	0.156	88.90	3.50	57.79	330.0	1,285	288.8	62.2	2.45	15.6	AJ
LHL 750D 09						18.54	0.730	3.96	0.156	101.60	4.00	49.91	285.0	1,268	285.0	70.9	2.79	17.8	AK
LHL 750D 10						18.54	0.730	3.96	0.156	114.30	4.50	43.78	250.0	1,251	281.3	79.8	3.14	20.0	AK
LHL 750D 11						18.54	0.730	3.96	0.156	127.00	5.00	38.53	220.0	1,223	275.0	89.4	3.52	22.5	AL
LHL 750D 12						18.54	0.730	3.96	0.156	139.70	5.50	35.03	200.0	1,223	275.0	97.5	3.84	24.5	AL
LHL 750D 13						18.54	0.730	3.96	0.156	152.40	6.00	31.52	180.0	1,201	270.0	107.4	4.23	27.0	AM
LHL 750D 14						18.54	0.730	3.96	0.156	177.80	7.00	28.37	162.0	1,261	283.5	122.9	4.84	29.8	AN
LHL 750D 15						18.54	0.730	3.96	0.156	203.20	8.00	24.52	140.0	1,246	280.0	142.2	5.60	34.2	AP

DIE SPRINGS



Extra Heavy Load – Orange

● Ideal Operating Range 10% to 15% of Free Length ● Music Wire (MW), Chrome Silicon (CS)

LEE STOCK NUMBER	MATERIAL	TO WORK IN HOLE DIA. MIN		TO WORK OVER ROD DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WIRE DIAMETER		NOMINAL FREE LENGTH		NOMINAL RATE		LOAD AT 25% DEFLECTION (see footnote)		APPROX. SOLID HEIGHT		APPROX. NO. OF COILS	PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N/MM	LB/IN	N	LB	MM	IN		
LHL 1000D 01	CS	25.40	1.000	12.70	0.500	24.89	0.980	5.03	0.198	38.10	1.50	224.17	1280.0	2,135	480.0	28.2	1.11	5.6	AJ
LHL 1000D 02						24.77	0.975	5.26	0.207	50.80	2.00	199.65	1140.0	2,535	570.0	37.6	1.48	7.1	AK
LHL 1000D 03						24.77	0.975	5.26	0.207	63.50	2.50	150.61	860.0	2,391	537.5	46.5	1.83	8.8	AK
LHL 1000D 04						24.77	0.975	5.26	0.207	76.20	3.00	122.59	700.0	2,335	525.0	54.6	2.15	10.3	AL
LHL 1000D 05						24.77	0.975	5.26	0.207	88.90	3.50	102.45	585.0	2,277	511.9	63.2	2.49	12.0	AL
LHL 1000D 06						24.77	0.975	5.26	0.207	101.60	4.00	88.44	505.0	2,246	505.0	71.6	2.82	13.5	AM
LHL 1000D 07						24.77	0.975	5.26	0.207	114.30	4.50	77.06	440.0	2,202	495.0	80.5	3.17	15.2	AM
LHL 1000D 08						24.51	0.965	5.26	0.207	127.00	5.00	69.18	395.0	2,197	493.8	88.4	3.48	17.3	AN
LHL 1000D 09						24.51	0.965	5.26	0.207	152.40	6.00	56.04	320.0	2,135	480.0	106.7	4.20	20.9	AP
LHL 1000D 10						24.51	0.965	5.26	0.207	177.80	7.00	49.91	285.0	2,219	498.8	126.0	4.96	23.3	AQ
LHL 1000D 11						24.51	0.965	5.26	0.207	203.20	8.00	44.66	255.0	2,269	510.0	139.7	5.50	25.8	AQ
LHL 1250D 01	CS	31.75	1.250	15.88	0.625	30.61	1.205	6.35	0.250	50.80	2.00	284.59	1625.0	3,614	812.5	38.1	1.50	6.0	AN
LHL 1250D 02						30.61	1.205	6.35	0.250	63.50	2.50	211.91	1210.0	3,364	756.3	46.7	1.84	7.3	AN
LHL 1250D 03						30.99	1.220	6.65	0.262	76.20	3.00	207.36	1184.0	3,950	888.0	56.9	2.24	8.5	AP
LHL 1250D 04						30.73	1.210	6.65	0.262	88.90	3.50	176.53	1008.0	3,923	882.0	66.0	2.60	9.9	AP
LHL 1250D 05						30.99	1.220	6.65	0.262	101.60	4.00	147.11	840.0	3,737	840.0	74.7	2.94	11.2	AQ
LHL 1250D 06						30.35	1.195	6.65	0.262	114.30	4.50	137.30	784.0	3,923	882.0	84.3	3.32	12.6	AQ
LHL 1250D 07						30.61	1.205	6.65	0.262	127.00	5.00	119.09	680.0	3,781	850.0	92.7	3.65	13.9	AR
LHL 1250D 08						30.48	1.200	6.65	0.262	152.40	6.00	98.07	560.0	3,737	840.0	111.3	4.38	16.7	AS
LHL 1250D 09						30.48	1.200	6.65	0.262	177.80	7.00	85.82	490.0	3,814	857.5	126.5	4.98	18.8	AU
LHL 1250D 10						30.48	1.200	6.65	0.262	203.20	8.00	72.68	415.0	3,692	830.0	144.9	5.71	21.8	AV
LHL 1500D 01	CS	38.10	1.500	19.05	0.750	37.21	1.465	7.49	0.295	50.80	2.00	386.17	2205.0	4,904	1102.5	38.1	1.50	5.1	AP
LHL 1500D 02						36.96	1.455	7.77	0.306	63.50	2.50	345.01	1970.0	5,477	1231.3	47.5	1.87	6.2	AP
LHL 1500D 03						36.83	1.450	7.92	0.312	76.20	3.00	302.10	1725.0	5,755	1293.8	56.9	2.24	7.4	AQ
LHL 1500D 04						36.83	1.450	7.92	0.312	88.90	3.50	247.81	1415.0	5,507	1238.1	65.8	2.59	8.5	AR
LHL 1500D 05						37.21	1.465	7.92	0.312	101.60	4.00	210.16	1200.0	5,338	1200.0	74.7	2.94	9.4	AS
LHL 1500D 06						37.21	1.465	7.92	0.312	114.30	4.50	183.01	1045.0	5,229	1175.6	83.6	3.29	10.5	AS
LHL 1500D 07						37.21	1.465	7.92	0.312	127.00	5.00	161.12	920.0	5,115	1150.0	92.7	3.65	11.7	AT
LHL 1500D 08						37.21	1.465	7.92	0.312	152.40	6.00	131.35	750.0	5,004	1125.0	110.0	4.33	13.9	AV
LHL 1500D 09						37.21	1.465	7.92	0.312	177.80	7.00	113.84	650.0	5,060	1137.5	126.5	4.98	15.7	AX
LHL 1500D 10						37.21	1.465	7.92	0.312	203.20	8.00	95.80	547.0	4,866	1094.0	144.6	5.69	18.3	AY
LHL 2000D 01	CS	50.80	2.000	25.40	1.000	49.28	1.940	9.53	0.375	63.50	2.50	437.83	2500.0	6,950	1562.5	47.5	1.87	5.0	AT
LHL 2000D 02						47.63	1.875	9.53	0.375	76.20	3.00	376.54	2150.0	7,173	1612.5	56.6	2.23	5.9	AU
LHL 2000D 03						49.78	1.960	9.98	0.393	88.90	3.50	341.51	1950.0	7,590	1706.3	65.8	2.59	6.6	AU
LHL 2000D 04						49.78	1.960	9.98	0.393	101.60	4.00	288.97	1650.0	7,340	1650.0	74.2	2.92	7.4	AV
LHL 2000D 05						49.78	1.960	9.98	0.393	114.30	4.50	249.56	1425.0	7,131	1603.1	82.8	3.26	8.3	AW
LHL 2000D 06						49.78	1.960	9.98	0.393	127.00	5.00	218.92	1250.0	6,950	1562.5	91.4	3.60	9.1	AW
LHL 2000D 07						49.78	1.960	9.98	0.393	152.40	6.00	177.76	1015.0	6,772	1522.5	108.0	4.25	10.8	AX
LHL 2000D 08						49.78	1.960	9.98	0.393	177.80	7.00	150.61	860.0	6,695	1505.0	125.5	4.94	12.4	AZ
LHL 2000D 09						49.78	1.960	9.98	0.393	203.20	8.00	128.55	734.0	6,530	1468.0	141.2	5.56	14.1	AZ