

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
															M	S
LE 014A 01	.125	3.18	.014	.36	1.10	.498	.12	.054	0.500	12.70	2.000	0.0360	0.990	25.15	L	L
LE 014A 02									0.563	14.30	1.650	0.0290	1.153	29.29	L	L
LE 014A 03									0.625	15.88	1.400	0.0250	1.325	33.66	L	L
LE 014A 04									0.750	19.05	1.080	0.0190	1.660	42.16	K	K
LE 014A 05									0.813	20.65	0.970	0.0170	1.823	46.30	K	K
LE 014A 06									0.875	22.23	0.880	0.0160	1.985	50.42	K	K
LE 014A 07									0.938	23.83	0.810	0.0140	2.148	54.56	K	K
LE 014A 08									1.000	25.40	0.750	0.0130	2.310	58.67	K	K
LE 014A 09									1.125	28.58	0.643	0.0114	2.655	67.44	K	K
LE 014A 10									1.250	31.75	0.565	0.0100	2.970	75.44	L	L
LE 014A 11									1.375	34.93	0.504	0.0090	3.335	84.71	L	L
LE 014A 12									1.500	38.10	0.455	0.0080	2.154	54.71	L	L
LE 016A 002	.125	3.18	.016	.41	1.60	.725	.20	.090	0.500	12.70	4.100	0.0730	0.840	21.34	L	L
LE 016A 001									0.625	15.88	2.860	0.0510	1.115	28.32	L	L
LE 016A 00									0.750	19.05	2.100	0.0370	1.420	36.07	K	K
LE 016A 0									0.875	22.23	1.750	0.0310	1.675	42.55	K	K
LE 016A 01									1.000	25.40	1.500	0.0270	1.930	49.02	K	K
LE 016A 02									1.125	28.58	1.300	0.0230	2.205	56.01	K	K
LE 016A 03									1.250	31.75	1.200	0.0210	2.420	61.47	L	L
LE 016A 04									1.375	34.93	1.000	0.0180	2.775	70.49	L	L
LE 016A 05									1.500	38.10	0.900	0.0160	3.060	77.72	L	L
LE 016A 06									1.750	44.45	0.780	0.0140	3.540	89.92	L	L
LE 016A 07									2.000	50.80	0.675	0.0120	4.060	103.12	L	L
LE 018A 002									.125	3.18	.018	.46	2.20	.996	.30	.136
LE 018A 001	0.625	15.88	5.350	0.0950	0.985	25.02	M	M								
LE 018A 00	0.750	19.05	4.000	0.0710	1.230	31.24	L	L								
LE 018A 0	0.875	22.23	3.300	0.0590	1.455	36.96	L	L								
LE 018A 01	1.000	25.40	2.900	0.0520	1.660	42.16	L	L								
LE 018A 02	1.125	28.58	2.500	0.0440	1.885	47.88	L	L								
LE 018A 03	1.250	31.75	2.200	0.0390	2.110	53.59	L	L								
LE 018A 04	1.375	34.93	2.000	0.0360	2.325	59.06	L	L								
LE 018A 05	1.500	38.10	1.800	0.0320	2.560	65.02	M	M								
LE 018A 06	1.750	44.45	1.500	0.0270	3.020	76.71	M	M								
LE 018A 07	2.000	50.80	1.300	0.0230	3.460	87.88	M	M								
LE 018A 08	2.250	57.15	1.130	0.0200	3.930	99.82	M	M								
LE 020A 002	.125	3.18	.020	.51	2.90	1.313	.40	.181	0.500	12.70	13.380	0.2390	0.690	17.53	L	L
LE 020A 001									0.625	15.88	9.420	0.1680	0.895	22.73	L	L
LE 020A 00									0.750	19.05	7.500	0.1340	1.080	27.43	K	K
LE 020A 0									0.875	22.23	6.000	0.1070	1.295	32.89	K	K
LE 020A 01									1.000	25.40	5.100	0.0910	1.490	37.85	K	K
LE 020A 02									1.125	28.58	4.400	0.0780	1.695	43.05	K	K
LE 020A 03									1.250	31.75	3.900	0.0700	1.890	48.01	K	K
LE 020A 04									1.375	34.93	3.500	0.0620	2.085	52.96	K	K
LE 020A 05									1.500	38.10	3.200	0.0570	2.280	57.91	K	K
LE 020A 06									1.750	44.45	2.700	0.0480	2.680	68.07	L	L
LE 020A 07									2.000	50.80	2.300	0.0410	3.090	78.49	L	L
LE 020A 08									2.250	57.15	2.000	0.0360	3.500	88.90	L	L

EXTENSION SPRINGS



### SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.  
**PRICING:** See Inside Front Cover for pricing up to 199. To price or order up to 1000 pcs. visit [leespring.com](http://leespring.com); 1000+ pcs. contact Lee Spring.  
**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

EXTENSION SPRINGS

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 022A 01	.125	3.18	.022	.56	3.90	1.770	.45	.200	0.625	15.88	16.100	0.2880	0.835	21.21	L	L
LE 022A 02									0.750	19.05	12.400	0.2210	1.030	26.16	K	K
LE 022A 03									0.875	22.23	10.200	0.1820	1.215	30.86	K	K
LE 022A 04									1.000	25.40	8.700	0.1550	1.400	35.56	K	K
LE 022A 05									1.125	28.58	7.500	0.1340	1.585	40.26	K	K
LE 022A 06									1.250	31.75	6.600	0.1180	1.770	44.96	L	L
LE 022A 07									1.375	34.93	6.000	0.1070	1.945	49.40	L	L
LE 022A 08									1.500	38.10	5.400	0.0960	2.140	54.36	L	L
LE 022A 09									1.750	44.45	4.500	0.0800	2.520	64.01	L	L
LE 022A 10									2.000	50.80	3.900	0.0700	2.880	73.15	L	L
LE 022A 11									2.250	57.15	3.420	0.0610	3.260	82.80	L	L
LE 022A 12									2.500	63.50	3.050	0.0540	3.630	92.20	L	L
LE 014B 01	.188	4.78	.014	.36	.80	.360	.04	.020	0.625	15.88	0.530	0.0094	2.055	52.20	K	K
LE 014B 02									0.875	22.23	0.280	0.0051	3.585	91.06	J	J
LE 014B 03									1.000	25.40	0.230	0.0041	4.300	109.22	J	J
LE 014B 04									1.125	28.58	0.190	0.0035	5.125	130.18	J	J
LE 014B 05									1.250	31.75	0.170	0.0030	5.720	145.29	J	J
LE 014B 06									1.375	34.93	0.150	0.0026	6.445	163.70	J	J
LE 014B 07									1.500	38.10	0.130	0.0023	7.350	186.69	J	J
LE 014B 08									1.625	41.28	0.120	0.0021	7.955	202.06	K	K
LE 014B 09									1.750	44.45	0.110	0.0019	8.660	219.96	K	K
LE 014B 10									1.875	47.63	0.100	0.0018	9.475	240.67	K	K
LE 014B 11									2.000	50.80	0.090	0.0016	10.440	265.18	K	K
LE 014B 12									2.250	57.15	0.080	0.0014	11.750	298.45	L	L
LE 014B 13									2.500	63.50	0.070	0.0013	13.360	339.34	L	L
LE 016B 01	.188	4.78	.016	.41	1.20	.540	.08	.030	0.625	15.88	1.040	0.0186	1.705	43.31	K	K
LE 016B 02									0.875	22.23	0.570	0.0101	2.840	72.14	J	J
LE 016B 03									1.000	25.40	0.460	0.0082	3.430	87.12	J	J
LE 016B 04									1.125	28.58	0.390	0.0069	3.995	101.47	J	J
LE 016B 05									1.250	31.75	0.340	0.0060	4.540	115.32	J	J
LE 016B 06									1.375	34.93	0.300	0.0053	5.105	129.67	J	J
LE 016B 07									1.500	38.10	0.260	0.0047	5.810	147.57	J	J
LE 016B 08									1.625	41.28	0.240	0.0043	6.295	159.89	K	K
LE 016B 09									1.750	44.45	0.220	0.0039	6.840	173.74	K	K
LE 016B 10									1.875	47.63	0.200	0.0036	7.475	189.87	K	K
LE 016B 11									2.000	50.80	0.180	0.0033	8.220	208.79	K	K
LE 016B 12									2.250	57.15	0.160	0.0029	9.250	234.95	L	L
LE 016B 13									2.500	63.50	0.140	0.0025	10.500	266.70	L	L

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LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
															M	S
LE 018B 01	.188	4.78	.018	.46	1.50	.679	.14	.063	0.625	15.88	1.900	0.0340	1.345	34.16	K	K
LE 018B 02									0.875	22.23	1.050	0.0190	2.175	55.25	J	J
LE 018B 03									1.000	25.40	0.860	0.0150	2.580	65.53	J	J
LE 018B 04									1.125	28.58	0.730	0.0130	2.985	75.82	J	J
LE 018B 05									1.250	31.75	0.630	0.0110	3.410	86.61	J	J
LE 018B 06									1.375	34.93	0.550	0.0100	3.845	97.66	J	J
LE 018B 07									1.500	38.10	0.500	0.0090	4.220	107.19	J	J
LE 018B 08									1.625	41.28	0.450	0.0080	4.645	117.98	K	K
LE 018B 09									1.750	44.45	0.410	0.0073	5.070	128.78	K	K
LE 018B 10									1.875	47.63	0.380	0.0067	5.455	138.56	K	K
LE 018B 11									2.000	50.80	0.350	0.0060	5.890	149.61	K	K
LE 018B 12									2.250	57.15	0.303	0.0050	6.780	172.21	L	L
LE 018B 13									2.500	63.50	0.270	0.0048	7.540	191.52	L	L
LE 020B 01	.188	4.78	.020	.51	2.00	.906	.22	.100	0.625	15.88	3.300	0.0590	1.165	29.59	K	K
LE 020B 02									0.875	22.23	1.800	0.0320	1.865	47.37	J	J
LE 020B 03									1.000	25.40	1.500	0.0270	2.190	55.63	J	J
LE 020B 04									1.125	28.58	1.300	0.0230	2.495	63.37	J	J
LE 020B 05									1.250	31.75	1.100	0.0200	2.870	72.90	J	J
LE 020B 06									1.375	34.93	0.970	0.0170	3.215	81.66	J	J
LE 020B 07									1.500	38.10	0.870	0.0160	3.550	90.17	J	J
LE 020B 08									1.625	41.28	0.790	0.0140	3.875	98.43	K	K
LE 020B 09									1.750	44.45	0.720	0.0130	4.220	107.19	K	K
LE 020B 10									1.875	47.63	0.660	0.0120	4.575	116.21	K	K
LE 020B 11									2.000	50.80	0.610	0.0110	4.920	124.97	K	K
LE 020B 12									2.250	57.15	0.531	0.0090	5.610	142.49	L	L
LE 020B 13									2.500	63.50	0.470	0.0070	6.290	159.77	L	L
LE 022B 002	.188	4.78	.022	.56	2.50	1.132	.30	.136	0.500	12.70	8.700	0.1550	0.750	19.05	K	K
LE 022B 001									0.625	15.88	5.400	0.0960	1.035	26.29	K	K
LE 022B 00									0.750	19.05	3.800	0.0680	1.330	33.78	J	J
LE 022B 0									0.875	22.23	3.200	0.0570	1.565	39.75	J	J
LE 022B 01									1.000	25.40	2.500	0.0440	1.880	47.75	J	J
LE 022B 02									1.125	28.58	2.100	0.0370	2.175	55.25	J	J
LE 022B 03									1.250	31.75	1.800	0.0320	2.470	62.74	J	J
LE 022B 04									1.375	34.93	1.600	0.0280	2.755	69.98	J	J
LE 022B 05									1.500	38.10	1.400	0.0250	3.070	77.98	J	J
LE 022B 06									1.750	44.45	1.200	0.0210	3.580	90.93	K	K
LE 022B 07									2.000	50.80	1.000	0.0180	4.200	106.68	K	K
LE 022B 08									2.250	57.15	0.890	0.0160	4.720	119.89	K	K
LE 022B 09									2.500	63.50	0.780	0.0140	5.320	135.13	K	K

EXTENSION SPRINGS



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LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

EXTENSION SPRINGS

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP									
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless								
LE 024B 01	.188	4.78	.024	.61	3.40	1.540	.40	.181	0.625	15.88	8.500	0.1520	0.975	24.77	K	K								
LE 024B 02									0.688	17.48	7.200	0.1280	1.108	28.14	J	J								
LE 024B 03									0.750	19.05	6.000	0.1070	1.250	31.75	J	J								
LE 024B 04									0.813	20.65	5.300	0.0940	1.383	35.13	J	J								
LE 024B 05									0.875	22.23	4.800	0.0860	1.505	38.23	J	J								
LE 024B 06									0.938	23.83	4.300	0.0770	1.638	41.61	J	J								
LE 024B 07									1.000	25.40	4.000	0.0710	1.750	44.45	J	J								
LE 024B 08									1.125	28.58	3.360	0.0600	2.015	51.18	J	J								
LE 024B 09									1.250	31.75	2.910	0.0520	2.280	57.91	J	J								
LE 024B 10									1.375	34.93	2.570	0.0470	2.545	64.64	J	J								
LE 024B 11									1.500	38.10	2.300	0.0410	2.800	71.12	J	J								
LE 024B 12									1.750	44.45	1.900	0.0340	3.330	84.58	J	J								
LE 024B 13									2.000	50.80	1.620	0.0290	3.850	97.79	J	J								
LE 024B 14									2.250	57.15	1.420	0.0250	4.360	110.74	J	J								
LE 024B 15									2.500	63.50	1.260	0.0230	4.880	123.95	J	J								
LE 026B 002	.188	4.78	.026	.66	4.30	1.947	.50	.226	0.500	12.70	20.500	0.3660	0.690	17.53	K	K								
LE 026B 001									0.625	15.88	12.630	0.2250	0.925	23.50	K	K								
LE 026B 00									0.750	19.05	9.500	0.1690	1.150	29.21	J	J								
LE 026B 0									0.875	22.23	7.400	0.1320	1.385	35.18	J	J								
LE 026B 01									1.000	25.40	6.100	0.1090	1.620	41.15	J	J								
LE 026B 02									1.125	28.58	5.100	0.0910	1.875	47.63	J	J								
LE 026B 03									1.250	31.75	4.500	0.0800	2.090	53.09	J	J								
LE 026B 04									1.375	34.93	4.000	0.0710	2.325	59.06	J	J								
LE 026B 05									1.500	38.10	3.500	0.0620	2.590	65.79	J	J								
LE 026B 06									1.750	44.45	2.900	0.0520	3.060	77.72	J	J								
LE 026B 07									2.000	50.80	2.500	0.0440	3.520	89.41	J	J								
LE 026B 08									2.250	57.15	2.200	0.0390	3.980	101.09	J	J								
LE 026B 09									2.500	63.50	1.930	0.0340	4.470	113.54	J	J								
LE 029B 01									.188	4.78	.029	.74	5.80	2.627	.75	.300	0.625	15.88	22.400	0.3990	0.855	21.72	K	K
LE 029B 02																	0.688	17.48	19.200	0.3420	0.948	24.08	J	J
LE 029B 03	0.750	19.05	16.800	0.3000	1.050	26.67	J	J																
LE 029B 04	0.813	20.65	14.900	0.2660	1.153	29.29	J	J																
LE 029B 05	0.875	22.23	13.100	0.2340	1.265	32.13	J	J																
LE 029B 06	0.938	23.83	12.000	0.2140	1.328	33.73	J	J																
LE 029B 07	1.000	25.40	11.000	0.1960	1.460	37.08	J	J																
LE 029B 08	1.125	28.58	9.280	0.1660	1.665	42.29	K	K																
LE 029B 09	1.250	31.75	8.090	0.1440	1.870	47.50	K	K																
LE 029B 10	1.375	34.93	7.170	0.1280	2.075	52.71	K	K																
LE 029B 11	1.500	38.10	6.440	0.1150	2.280	57.91	K	K																
LE 029B 12	1.750	44.45	5.330	0.0950	2.700	68.58	K	K																
LE 029B 13	2.000	50.80	4.560	0.0810	3.110	78.99	K	K																
LE 029B 14	2.250	57.15	4.010	0.0720	3.510	89.15	K	K																
LE 029B 15	2.500	63.50	3.540	0.0630	3.930	99.82	K	K																

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LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP									
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless								
LE 031B 002	.188	4.78	.031	.79	7.00	3.170	.90	.408	0.500	12.70	52.000	0.9290	0.620	15.75	K	K								
LE 031B 001									0.625	15.88	31.720	0.5660	0.815	20.70	K	K								
LE 031B 00									0.750	19.05	24.100	0.4300	1.010	25.65	J	J								
LE 031B 0									0.875	22.23	19.000	0.3390	1.195	30.35	J	J								
LE 031B 01									1.000	25.40	15.800	0.2820	1.390	35.31	J	J								
LE 031B 02									1.125	28.58	13.500	0.2410	1.585	40.26	J	J								
LE 031B 03									1.250	31.75	11.700	0.2090	1.780	45.21	J	J								
LE 031B 04									1.375	34.93	10.400	0.1850	1.965	49.91	J	J								
LE 031B 05									1.500	38.10	9.200	0.1640	2.170	55.12	J	J								
LE 031B 06									1.750	44.45	7.700	0.1370	2.550	64.77	J	J								
LE 031B 07									2.000	50.80	6.600	0.1180	2.930	74.42	J	J								
LE 031B 08									2.250	57.15	5.700	0.1020	3.330	84.58	K	K								
LE 031B 09									2.500	63.50	5.100	0.0910	3.710	94.23	K	K								
LE 031B 10									2.750	69.85	4.500	0.0800	4.120	104.65	K	K								
LE 034B 01									.188	4.78	.034	.86	9.00	4.080	.85	.390	0.625	15.88	53.300	0.9520	0.775	19.69	K	K
LE 034B 02																	0.750	19.05	40.000	0.7140	0.950	24.13	J	J
LE 034B 03																	0.875	22.23	31.000	0.5540	1.135	28.83	J	J
LE 034B 04																	1.000	25.40	26.000	0.4640	1.310	33.27	J	J
LE 034B 05																	1.125	28.58	22.400	0.4000	1.485	37.72	J	J
LE 034B 06																	1.250	31.75	19.300	0.3450	1.670	42.42	J	J
LE 034B 07	1.375	34.93	17.200	0.3070	1.845	46.86	J	J																
LE 034B 08	1.500	38.10	15.500	0.2770	2.020	51.31	K	K																
LE 034B 09	1.750	44.45	12.900	0.2300	2.380	60.45	K	K																
LE 034B 10	2.000	50.80	11.000	0.1960	2.740	69.60	K	K																
LE 034B 11	2.250	57.15	9.600	0.1710	3.090	78.49	K	K																
LE 034B 12	2.500	63.50	8.500	0.1520	3.450	87.63	K	K																
LE 034B 13	2.750	69.85	7.600	0.1360	3.820	97.03	K	K																
LE 018C 01	.250	6.35	.018	.46	1.10	.500	.10	.045									0.625	15.88	1.270	0.0226	1.415	35.94	K	K
LE 018C 02									0.750	19.05	0.750	0.0133	2.100	53.34	K	K								
LE 018C 03									0.875	22.23	0.530	0.0094	2.765	70.23	J	J								
LE 018C 04									1.000	25.40	0.410	0.0073	3.440	87.38	J	J								
LE 018C 05									1.125	28.58	0.330	0.0060	4.075	103.51	J	J								
LE 018C 06									1.250	31.75	0.280	0.0050	4.830	122.68	K	K								
LE 018C 07									1.375	34.93	0.240	0.0044	5.385	136.78	K	K								
LE 018C 08									1.500	38.10	0.220	0.0038	6.270	159.26	K	K								
LE 018C 09									1.750	44.45	0.170	0.0031	7.640	194.06	K	K								
LE 018C 10									2.000	50.80	0.150	0.0026	9.160	232.66	K	K								
LE 018C 11									2.250	57.15	0.130	0.0022	9.960	252.98	K	K								
LE 018C 12									2.500	63.50	0.110	0.0020	11.610	294.89	K	K								
LE 018C 13									2.750	69.85	0.100	0.0018	12.770	324.36	K	K								

EXTENSION SPRINGS



### SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.  
**PRICING:** See Inside Front Cover for pricing up to 199. To price or order up to 1000 pcs. visit [leespring.com](http://leespring.com); 1000+ pcs. contact Lee Spring.  
**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

EXTENSION SPRINGS

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 022C 01	.250	6.35	.022	.56	2.10	.950	.20	.090	0.625	15.88	3.300	0.0590	1.205	30.61	K	K
LE 022C 02									0.750	19.05	2.000	0.0360	1.700	43.18	K	K
LE 022C 03									0.875	22.23	1.500	0.0270	2.145	54.48	J	J
LE 022C 04									1.000	25.40	1.140	0.0200	2.670	67.82	J	J
LE 022C 05									1.125	28.58	0.940	0.0170	3.145	79.88	J	J
LE 022C 06									1.250	31.75	0.800	0.0140	3.630	92.20	K	K
LE 022C 07									1.375	34.93	0.700	0.0130	4.085	103.76	K	K
LE 022C 08									1.500	38.10	0.600	0.0110	4.670	118.62	K	K
LE 022C 09									1.750	44.45	0.500	0.0090	5.550	140.97	K	K
LE 022C 10									2.000	50.80	0.400	0.0070	6.750	171.45	K	K
LE 022C 11									2.250	57.15	0.360	0.0060	7.530	191.26	K	K
LE 022C 12									2.500	63.50	0.320	0.0057	8.440	214.38	K	K
LE 022C 13									2.750	69.85	0.280	0.0050	9.540	242.32	K	K
LE 026C 002	.250	6.35	.026	.66	3.10	1.404	.40	.181	0.500	12.70	20.300	0.3630	0.630	16.00	K	K
LE 026C 001									0.625	15.88	7.600	0.1360	0.985	25.02	K	K
LE 026C 00									0.750	19.05	4.800	0.0860	1.310	33.27	J	J
LE 026C 0									0.875	22.23	3.500	0.0620	1.645	41.78	J	J
LE 026C 01									1.000	25.40	2.800	0.0500	1.960	49.78	J	J
LE 026C 02									1.125	28.58	2.300	0.0410	2.295	58.29	J	J
LE 026C 03									1.250	31.75	1.900	0.0340	2.670	67.82	J	J
LE 026C 04									1.375	34.93	1.700	0.0300	2.965	75.31	J	J
LE 026C 05									1.500	38.10	1.500	0.0270	3.300	83.82	J	J
LE 026C 06									1.750	44.45	1.200	0.0210	4.000	101.60	K	K
LE 026C 07									2.000	50.80	1.000	0.0180	4.700	119.38	K	K
LE 026C 08	2.250	57.15	0.860	0.0150	5.390	136.91	K	K								
LE 026C 09	2.500	63.50	0.760	0.0140	6.050	153.67	K	K								
LE 026C 10	2.750	69.85	0.680	0.0120	6.720	170.69	K	K								
LE 026C 11	3.000	76.20	0.600	0.0110	7.500	190.50	K	K								
LE 029C 001	.250	6.35	.029	.74	4.30	1.947	.55	.249	0.625	15.88	13.100	0.2340	0.915	23.24	K	K
LE 029C 00									0.750	19.05	7.900	0.1410	1.220	30.99	K	K
LE 029C 0									0.875	22.23	6.000	0.1070	1.505	38.23	J	J
LE 029C 01									1.000	25.40	4.700	0.0840	1.800	45.72	J	J
LE 029C 02									1.125	28.58	3.900	0.0700	2.085	52.96	J	J
LE 029C 03									1.250	31.75	3.400	0.0610	2.350	59.69	J	J
LE 029C 04									1.375	34.93	2.900	0.0520	2.665	67.69	J	J
LE 029C 05									1.500	38.10	2.550	0.0450	2.970	75.44	J	J
LE 029C 06									1.750	44.45	2.100	0.0370	3.540	89.92	K	K
LE 029C 07									2.000	50.80	1.800	0.0320	4.080	103.63	K	K
LE 029C 08									2.250	57.15	1.600	0.0280	4.590	116.59	K	K
LE 029C 09	2.500	63.50	1.370	0.0240	5.240	133.10	K	K								
LE 029C 10	2.750	69.85	1.220	0.0220	5.820	147.83	K	K								
LE 029C 11	3.000	76.20	1.100	0.0200	6.410	162.81	K	K								

## SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
															M	S
LE 031C 001	.250	6.35	.031	.79	5.20	2.355	.70	.317	0.625	15.88	18.840	0.3360	0.865	21.97	K	K
LE 031C 00									0.750	19.05	12.000	0.2140	1.130	28.70	K	K
LE 031C 0									0.875	22.23	8.800	0.1570	1.385	35.18	J	J
LE 031C 01									1.000	25.40	6.900	0.1230	1.650	41.91	J	J
LE 031C 02									1.125	28.58	5.700	0.1020	1.915	48.64	J	J
LE 031C 03									1.250	31.75	4.900	0.0870	2.170	55.12	J	J
LE 031C 04									1.375	34.93	4.300	0.0770	2.425	61.60	J	J
LE 031C 05									1.500	38.10	3.800	0.0680	2.680	68.07	J	J
LE 031C 06									1.750	44.45	3.000	0.0530	3.250	82.55	J	J
LE 031C 07									2.000	50.80	2.600	0.0460	3.730	94.74	K	K
LE 031C 08									2.250	57.15	2.200	0.0390	4.300	109.22	K	K
LE 031C 09	2.500	63.50	2.000	0.0360	4.750	120.65	K	K								
LE 031C 10	2.750	69.85	1.750	0.0310	5.320	135.13	K	K								
LE 031C 11	3.000	76.20	1.570	0.0280	5.870	149.10	K	K								
LE 034C 001	.250	6.35	.034	.86	6.80	3.080	.85	.385	0.625	15.88	28.400	0.5060	0.835	21.21	K	K
LE 034C 00									0.750	19.05	17.800	0.3170	1.080	27.43	K	K
LE 034C 0									0.875	22.23	13.500	0.2410	1.315	33.40	J	J
LE 034C 01									1.000	25.40	10.800	0.1920	1.550	39.37	J	J
LE 034C 02									1.125	28.58	9.100	0.1620	1.775	45.09	J	J
LE 034C 03									1.250	31.75	7.900	0.1410	2.000	50.80	J	J
LE 034C 04									1.375	34.93	6.700	0.1190	2.265	57.53	J	J
LE 034C 05									1.500	38.10	6.100	0.1090	2.480	62.99	K	K
LE 034C 06									1.750	44.45	4.900	0.0870	2.960	75.18	K	K
LE 034C 07									2.000	50.80	4.200	0.0750	3.420	86.87	K	K
LE 034C 08									2.250	57.15	3.600	0.0640	3.900	99.06	K	K
LE 034C 09	2.500	63.50	3.200	0.0570	4.360	110.74	L	L								
LE 034C 10	2.750	69.85	2.850	0.0510	4.840	122.94	L	L								
LE 034C 11	3.000	76.20	2.600	0.0460	5.290	134.37	L	L								
LE 037C 00	.250	6.35	.037	.94	8.50	3.850	1.00	.453	0.625	15.88	44.700	0.7980	0.795	20.19	K	K
LE 037C 0									0.750	19.05	29.100	0.5190	1.010	25.65	J	J
LE 037C 01									1.000	25.40	17.700	0.3160	1.420	36.07	J	J
LE 037C 02									1.125	28.58	15.000	0.2670	1.625	41.28	J	J
LE 037C 03									1.250	31.75	12.700	0.2260	1.840	46.74	J	J
LE 037C 04									1.375	34.93	11.000	0.1960	2.055	52.20	J	J
LE 037C 05									1.500	38.10	9.700	0.1730	2.270	57.66	J	J
LE 037C 06									1.750	44.45	8.000	0.1430	2.690	68.33	K	K
LE 037C 07									2.000	50.80	6.700	0.1190	3.120	79.25	K	K
LE 037C 08									2.250	57.15	5.800	0.1030	3.540	89.92	K	K
LE 037C 09									2.500	63.50	5.100	0.0910	3.970	100.84	L	L
LE 037C 10									2.750	69.85	4.600	0.0820	4.380	111.25	L	L
LE 037C 11									3.000	76.20	4.100	0.0730	4.830	122.68	L	L
LE 037C 12	3.250	82.55	3.750	0.0670	5.250	133.35	L	L								
LE 037C 13	3.500	88.90	3.420	0.0610	5.690	144.53	L	L								

EXTENSION SPRINGS



### SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 041C 01	.250	6.35	.041	1.04	11.70	5.300	1.05	.476	0.750	19.05	51.600	0.9230	0.960	24.38	K	K
LE 041C 02									1.000	25.40	30.000	0.5350	1.360	34.54	K	K
LE 041C 03									1.125	28.58	25.000	0.4460	1.555	39.50	K	K
LE 041C 04									1.250	31.75	21.500	0.3840	1.750	44.45	K	K
LE 041C 05									1.375	34.93	19.000	0.3390	1.935	49.15	K	K
LE 041C 06									1.500	38.10	16.800	0.3000	2.130	54.10	K	K
LE 041C 07									1.750	44.45	13.800	0.2460	2.520	64.01	L	L
LE 041C 08									2.000	50.80	11.700	0.2090	2.910	73.91	L	L
LE 041C 09									2.250	57.15	10.100	0.1810	3.300	83.82	L	L
LE 041C 10									2.500	63.50	8.900	0.1590	3.700	93.98	L	L
LE 041C 11									2.750	69.85	8.000	0.1430	4.080	103.63	L	L
LE 041C 12									3.000	76.20	7.250	0.1290	4.470	113.54	L	L
LE 041C 13									3.500	88.90	6.100	0.1090	5.250	133.35	L	L
LE 030CD 01	.313	7.94	.030	.76	4.00	1.812	.40	.181	1.000	25.40	3.500	0.0620	2.030	51.56	G	G
LE 030CD 02									1.125	28.58	2.700	0.0480	2.455	62.36	G	G
LE 030CD 03									1.250	31.75	2.300	0.0410	2.820	71.63	G	G
LE 030CD 04									1.375	34.93	1.900	0.0340	3.265	82.93	G	G
LE 030CD 05									1.500	38.10	1.700	0.0300	3.620	91.95	G	G
LE 030CD 06									1.750	44.45	1.300	0.0230	4.520	114.81	J	J
LE 030CD 07									2.000	50.80	1.100	0.0200	5.270	133.86	K	K
LE 030CD 08									2.250	57.15	0.940	0.0170	6.080	154.43	K	K
LE 030CD 09									2.500	63.50	0.830	0.0150	6.840	173.74	K	K
LE 037CD 01	.313	7.94	.037	.94	7.00	3.170	.83	.376	1.000	25.40	9.000	0.1600	1.690	42.93	G	G
LE 037CD 02									1.125	28.58	7.000	0.1250	2.005	50.93	G	G
LE 037CD 03									1.250	31.75	6.000	0.1070	2.280	57.91	G	G
LE 037CD 04									1.375	34.93	5.200	0.0930	2.565	65.15	G	G
LE 037CD 05									1.500	38.10	4.600	0.0820	2.840	72.14	G	G
LE 037CD 06									1.750	44.45	3.600	0.0640	3.460	87.88	J	J
LE 037CD 07									2.000	50.80	3.100	0.0550	3.990	101.35	K	L
LE 037CD 08									2.250	57.15	2.600	0.0460	4.620	117.35	K	L
LE 037CD 09									2.500	63.50	2.400	0.0430	5.070	128.78	K	L
LE 037CD 10									2.750	69.85	2.100	0.0380	5.690	144.53	L	M
LE 037CD 11									3.000	76.20	1.900	0.0340	6.250	158.75	L	M
LE 043CD 01	.313	7.94	.043	1.09	10.25	4.650	1.30	.589	1.000	25.40	22.430	0.4000	1.400	35.56	J	J
LE 043CD 02									1.125	28.58	17.980	0.3210	1.625	41.28	J	J
LE 043CD 03									1.250	31.75	15.000	0.2680	1.850	46.99	J	J
LE 043CD 04									1.375	34.93	12.870	0.2300	2.075	52.71	J	J
LE 043CD 05									1.500	38.10	11.270	0.2010	2.300	58.42	J	J
LE 043CD 06									1.750	44.45	9.030	0.1610	2.750	69.85	K	K
LE 043CD 07									2.000	50.80	7.530	0.1340	3.200	81.28	K	K
LE 043CD 08									2.250	57.15	6.460	0.1150	3.640	92.46	L	L
LE 043CD 09									2.500	63.50	5.650	0.1010	4.090	103.89	N	P
LE 043CD 10									2.750	69.85	5.020	0.0900	4.540	115.32	N	P
LE 043CD 11	3.000	76.20	4.520	0.0810	4.990	126.75	N	P								

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 049CD 01	.313	7.94	.049	1.24	15.00	6.793	1.80	.815	1.000	25.40	36.000	0.6420	1.370	34.80	J	J
LE 049CD 02									1.125	28.58	30.000	0.5350	1.565	39.75	J	J
LE 049CD 03									1.250	31.75	26.000	0.4640	1.760	44.70	J	J
LE 049CD 04									1.375	34.93	23.000	0.4100	1.945	49.40	J	J
LE 049CD 05									1.500	38.10	21.000	0.3740	2.130	54.10	J	J
LE 049CD 06									1.750	44.45	16.500	0.2940	2.550	64.77	K	K
LE 049CD 07									2.000	50.80	14.000	0.2500	2.940	74.68	K	L
LE 049CD 08									2.250	57.15	12.000	0.2140	3.350	85.09	L	M
LE 049CD 09									2.500	63.50	11.000	0.1960	3.700	93.98	N	P
LE 049CD 10									2.750	69.85	10.000	0.1780	4.070	103.38	N	P
LE 049CD 11									3.000	76.20	9.000	0.1600	4.470	113.54	N	P
LE 055CD 01	.313	7.94	.055	1.40	21.00	9.520	3.00	1.360	1.000	25.40	82.210	1.4680	1.220	30.99	K	K
LE 055CD 02									1.125	28.58	66.780	1.1920	1.395	35.43	K	K
LE 055CD 03									1.250	31.75	56.220	1.0040	1.570	39.88	K	K
LE 055CD 04									1.375	34.93	48.550	0.8670	1.745	44.32	K	K
LE 055CD 05									1.500	38.10	42.720	0.7630	1.920	48.77	K	K
LE 055CD 06									1.750	44.45	34.450	0.6150	2.270	57.66	L	L
LE 055CD 07									2.000	50.80	28.850	0.5150	2.620	66.55	L	M
LE 055CD 08									2.250	57.15	24.830	0.4430	2.970	75.44	M	N
LE 055CD 09									2.500	63.50	21.790	0.3890	3.330	84.58	P	R
LE 055CD 10									2.750	69.85	19.410	0.3470	3.680	93.47	P	R
LE 055CD 11									3.000	76.20	17.500	0.3120	4.030	102.36	P	R
LE 026D 01	.375	9.53	.026	.66	2.30	1.040	.22	.100	1.000	25.40	1.300	0.0230	2.600	66.04	G	G
LE 026D 02									1.125	28.58	0.920	0.0160	3.385	85.98	G	G
LE 026D 03									1.250	31.75	0.720	0.0130	4.140	105.16	G	G
LE 026D 04									1.375	34.93	0.600	0.0110	4.845	123.06	G	G
LE 026D 05									1.500	38.10	0.500	0.0090	5.660	143.76	G	G
LE 026D 06									1.750	44.45	0.390	0.0070	7.080	179.83	G	G
LE 031D 0	.375	9.53	.031	.79	3.40	1.540	.30	.136	0.875	22.23	4.860	0.0870	1.515	38.48	J	J
LE 031D 01									1.000	25.40	3.100	0.0550	2.000	50.80	G	G
LE 031D 02									1.125	28.58	2.300	0.0410	2.475	62.87	G	G
LE 031D 03									1.250	31.75	1.800	0.0320	2.970	75.44	G	G
LE 031D 04									1.375	34.93	1.500	0.0270	3.445	87.50	G	G
LE 031D 05									1.500	38.10	1.300	0.0230	3.880	98.55	G	G
LE 031D 06									1.750	44.45	0.958	0.0170	4.980	126.49	G	G
LE 031D 07									2.000	50.80	0.780	0.0140	5.970	151.64	G	G
LE 031D 08									2.250	57.15	0.660	0.0120	6.950	176.53	G	G
LE 031D 09									2.500	63.50	0.570	0.0100	7.940	201.68	G	G
LE 031D 10									2.750	69.85	0.504	0.0090	8.950	227.33	J	J
LE 031D 11	3.000	76.20	0.451	0.0080	9.890	251.20	J	J								

EXTENSION SPRINGS



**SPECIAL INSTRUCTIONS FOR EXTENSION SERIES**

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Inside Front Cover for pricing up to 199. To price or order up to 1000 pcs. visit [leespring.com](http://leespring.com); 1000+ pcs. contact Lee Spring.

**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

EXTENSION SPRINGS

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 034D 01	.375	9.53	.034	.86	4.60	2.083	.50	.226	1.000	25.40	4.800	0.0860	1.850	46.99	G	G
LE 034D 02									1.125	28.58	3.600	0.0640	2.265	57.53	G	G
LE 034D 03									1.250	31.75	2.800	0.0500	2.710	68.83	G	G
LE 034D 04									1.375	34.93	2.400	0.0430	3.085	78.36	G	G
LE 034D 05									1.500	38.10	2.000	0.0360	3.550	90.17	G	G
LE 034D 06									1.750	44.45	1.600	0.0280	4.310	109.47	J	J
LE 034D 07									2.000	50.80	1.300	0.0230	5.150	130.81	K	L
LE 037D 0	.375	9.53	.037	.94	5.80	2.627	.70	.317	0.750	19.05	24.300	0.3430	0.960	24.38	J	J
LE 037D 01									1.000	25.40	7.700	0.1370	1.660	42.16	G	G
LE 037D 02									1.125	28.58	5.600	0.1000	2.035	51.69	G	G
LE 037D 03									1.250	31.75	4.400	0.0780	2.410	61.21	G	G
LE 037D 04									1.375	34.93	3.700	0.0660	2.755	69.98	G	G
LE 037D 05									1.500	38.10	3.200	0.0570	3.090	78.49	G	G
LE 037D 06									1.750	44.45	2.400	0.0430	3.880	98.55	J	J
LE 037D 07									2.000	50.80	2.000	0.0360	4.550	115.57	K	K
LE 037D 08									2.250	57.15	1.700	0.0300	5.250	133.35	K	L
LE 037D 09									2.500	63.50	1.400	0.0250	6.140	155.96	K	L
LE 037D 10									2.750	69.85	1.260	0.0220	6.800	172.72	K	L
LE 037D 11	3.000	76.20	1.140	0.0200	7.470	189.74	K	L								
LE 039D 01	.375	9.53	.039	.99	6.80	3.080	.80	.362	1.000	25.40	9.600	0.1710	1.630	41.40	G	G
LE 039D 02									1.125	28.58	7.000	0.1250	1.985	50.42	G	G
LE 039D 03									1.250	31.75	5.700	0.1020	2.300	58.42	G	G
LE 039D 04									1.375	34.93	4.800	0.0860	2.625	66.68	G	G
LE 039D 05									1.500	38.10	4.100	0.0730	2.960	75.18	G	G
LE 039D 06									1.750	44.45	3.200	0.0570	3.630	92.20	J	J
LE 039D 07									2.000	50.80	2.600	0.0460	4.310	109.47	K	L
LE 039D 08									2.250	57.15	2.200	0.0390	4.980	126.49	K	L
LE 039D 09									2.500	63.50	1.900	0.0340	5.660	143.76	L	M
LE 039D 10									2.750	69.85	1.690	0.0300	6.300	160.02	L	M
LE 039D 11									3.000	76.20	1.510	0.0270	6.970	177.04	M	N
LE 041D 0	.375	9.53	.041	1.04	7.80	3.540	.90	.408	0.750	19.05	38.000	0.6790	0.930	23.62	J	J
LE 041D 01									1.000	25.40	12.700	0.2260	1.540	39.12	G	G
LE 041D 02									1.125	28.58	9.500	0.1690	1.855	47.12	G	G
LE 041D 03									1.250	31.75	7.600	0.1360	2.160	54.86	G	G
LE 041D 04									1.375	34.93	6.400	0.1140	2.455	62.36	G	G
LE 041D 05									1.500	38.10	5.500	0.0980	2.750	69.85	G	G
LE 041D 06									1.750	44.45	4.200	0.0750	3.390	86.11	J	J
LE 041D 07									2.000	50.80	3.400	0.0610	4.030	102.36	K	L
LE 041D 08									2.250	57.15	2.900	0.0520	4.630	117.60	K	L
LE 041D 09									2.500	63.50	2.500	0.0440	5.260	133.60	L	M
LE 041D 10									2.750	69.85	2.190	0.0390	5.900	149.86	M	N
LE 041D 11									3.000	76.20	1.960	0.0350	6.520	165.61	N	P
LE 041D 12									3.500	88.90	1.630	0.0290	7.730	196.34	N	P
LE 041D 13									4.000	101.60	1.380	0.0250	8.997	228.52	N	P
LE 041D 14									4.500	114.30	1.200	0.0210	10.250	260.35	N	P
LE 041D 15	5.000	127.00	1.070	0.0190	11.450	290.83	N	P								

## SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
															M	S
LE 045D 0	.375	9.53	.045	1.14	10.00	4.535	1.20	.544	0.750	19.05	57.000	1.0180	0.900	22.86	J	J
LE 045D 01									1.000	25.40	20.200	0.3600	1.440	36.58	G	G
LE 045D 02									1.125	28.58	15.600	0.2780	1.685	42.80	G	G
LE 045D 03									1.250	31.75	12.200	0.2180	1.970	50.04	G	G
LE 045D 04									1.375	34.93	10.100	0.1800	2.245	57.02	G	G
LE 045D 05									1.500	38.10	8.800	0.1570	2.500	63.50	G	G
LE 045D 06									1.750	44.45	7.500	0.1340	2.920	74.17	J	J
LE 045D 07									2.000	50.80	5.600	0.1000	3.570	90.68	J	K
LE 045D 08									2.250	57.15	4.800	0.0860	4.080	103.63	K	L
LE 045D 09									2.500	63.50	4.100	0.0730	4.650	118.11	L	M
LE 045D 10									2.750	69.85	3.600	0.0640	5.190	131.83	L	M
LE 045D 11									3.000	76.20	3.200	0.0570	5.750	146.05	L	M
LE 045D 12									3.500	88.90	2.600	0.0460	6.880	174.75	M	N
LE 045D 13									4.000	101.60	2.250	0.0400	7.910	200.91	M	N
LE 045D 14									4.500	114.30	1.980	0.0350	8.940	227.08	N	P
LE 045D 15									5.000	127.00	1.760	0.0310	10.000	254.00	N	P
LE 045D 16									5.500	139.70	1.580	0.0280	11.070	281.18	N	R
LE 045D 17	6.000	152.40	1.430	0.0260	12.154	308.71	N	R								
LE 049D 01	.375	9.53	.049	1.24	13.00	5.900	1.50	.680	1.000	25.40	30.000	0.5350	1.380	35.05	J	J
LE 049D 02									1.125	28.58	23.700	0.4220	1.615	41.02	J	J
LE 049D 03									1.250	31.75	19.000	0.3390	1.860	47.24	J	J
LE 049D 04									1.375	34.93	16.000	0.2850	2.095	53.21	J	J
LE 049D 05									1.500	38.10	13.900	0.2480	2.330	59.18	J	J
LE 049D 06									1.750	44.45	10.800	0.1920	2.810	71.37	K	K
LE 049D 07									2.000	50.80	9.000	0.1600	3.280	83.31	K	L
LE 049D 08									2.250	57.15	7.500	0.1340	3.780	96.01	L	M
LE 049D 09									2.500	63.50	6.400	0.1140	4.300	109.22	N	P
LE 049D 10									2.750	69.85	5.800	0.1030	4.730	120.14	N	P
LE 049D 11									3.000	76.20	5.200	0.0930	5.210	132.33	N	P
LE 049D 12									3.500	88.90	4.200	0.0750	6.240	158.50	N	R
LE 049D 13									4.000	101.60	3.600	0.0640	7.190	182.63	P	S
LE 049D 14									4.500	114.30	3.200	0.0570	8.090	205.49	R	T
LE 049D 15									5.000	127.00	2.770	0.0490	9.150	232.41	S	U
LE 049D 16									5.500	139.70	2.500	0.0450	10.100	256.54	S	U
LE 049D 17									6.000	152.40	2.270	0.0410	11.066	281.08	S	W
LE 052D 01	.375	9.53	.052	1.32	15.50	7.020	1.75	.792	1.000	25.40	40.700	0.7260	1.340	34.04	K	K
LE 052D 02									1.125	28.58	31.000	0.5530	1.565	39.75	K	K
LE 052D 03									1.250	31.75	25.000	0.4460	1.800	45.72	K	K
LE 052D 04									1.375	34.93	21.700	0.3870	2.005	50.93	K	K
LE 052D 05									1.500	38.10	18.600	0.3320	2.240	56.90	K	K
LE 052D 06									1.750	44.45	14.500	0.2580	2.700	68.58	K	K
LE 052D 07									2.000	50.80	13.100	0.2160	3.050	77.47	K	K
LE 052D 08									2.250	57.15	10.200	0.1820	3.600	91.44	L	L
LE 052D 09									2.500	63.50	8.800	0.1570	4.060	103.12	N	N
LE 052D 10									2.750	69.85	7.800	0.1390	4.510	114.55	N	N
LE 052D 11									3.000	76.20	7.000	0.1250	4.960	125.98	N	P

EXTENSION SPRINGS



**SPECIAL INSTRUCTIONS FOR EXTENSION SERIES**

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

EXTENSION SPRINGS

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 055D 0	.375	9.53	.055	1.40	17.50	7.926	2.00	.906	1.000	25.40	55.800	0.9950	1.280	32.51	K	L
LE 055D 01									1.250	31.75	34.800	0.6200	1.700	43.18	K	L
LE 055D 02									1.375	34.93	29.800	0.5310	1.895	48.13	K	L
LE 055D 03									1.500	38.10	25.400	0.4530	2.110	53.59	K	L
LE 055D 04									1.750	44.45	19.900	0.3550	2.530	64.26	K	L
LE 055D 05									2.000	50.80	16.400	0.2920	2.950	74.93	L	M
LE 055D 06									2.250	57.15	13.900	0.2480	3.370	85.60	N	P
LE 055D 07									2.500	63.50	11.900	0.2120	3.800	96.52	N	P
LE 055D 08									2.750	69.85	10.600	0.1890	4.210	106.93	N	P
LE 055D 09									3.000	76.20	9.500	0.1690	4.630	117.60	N	R
LE 055D 10									3.500	88.90	7.900	0.1410	5.460	138.68	N	S
LE 055D 11									4.000	101.60	6.800	0.1210	6.280	159.51	P	T
LE 055D 12									4.500	114.30	5.900	0.1050	7.130	181.10	R	U
LE 055D 13									5.000	127.00	5.300	0.0940	7.920	201.17	S	W
LE 055D 14									5.500	139.70	4.680	0.0830	8.810	223.77	T	X
LE 055D 15	6.000	152.40	4.230	0.0750	9.660	245.36	U	X								
LE 058D 01	.375	9.53	.058	1.47	20.00	9.070	2.50	1.134	1.000	25.40	71.100	1.2680	1.250	31.75	L	M
LE 058D 02									1.125	28.58	56.100	1.0000	1.435	36.45	L	M
LE 058D 03									1.250	31.75	44.400	0.7920	1.640	41.66	L	M
LE 058D 04									1.375	34.93	38.100	0.6790	1.835	46.61	L	M
LE 058D 05									1.500	38.10	33.300	0.5940	2.030	51.56	L	M
LE 058D 06									1.750	44.45	26.000	0.4640	2.420	61.47	L	M
LE 058D 07									2.000	50.80	21.800	0.3890	2.800	71.12	L	M
LE 058D 08									2.250	57.15	18.400	0.3280	3.200	81.28	M	N
LE 058D 09									2.500	63.50	15.900	0.2840	3.600	91.44	P	R
LE 058D 10									2.750	69.85	14.200	0.2530	3.980	101.09	P	R
LE 058D 11									3.000	76.20	12.700	0.2260	4.380	111.25	R	S
LE 058D 12									3.500	88.90	10.570	0.1890	5.156	130.96	R	U
LE 058D 13									4.000	101.60	9.030	0.1610	5.938	150.83	R	U
LE 058D 14									4.500	114.30	7.880	0.1410	6.721	170.71	R	W
LE 058D 15									5.000	127.00	6.990	0.1250	7.504	190.60	S	Y
LE 058D 16									5.500	139.70	6.280	0.1120	8.287	210.49	T	Z
LE 058D 17									6.000	152.40	5.700	0.1020	9.070	230.38	U	AA
LE 037DD 01	.420	10.67	.037	.94	4.83	2.190	.50	.227	1.000	25.40	8.800	0.1570	1.492	37.90	K	L
LE 037DD 02									1.125	28.58	5.500	0.0980	1.912	48.56	K	L
LE 037DD 03									1.250	31.75	3.900	0.0700	2.360	59.94	K	L
LE 037DD 04									1.375	34.93	3.100	0.0550	2.772	70.41	L	M
LE 037DD 05									1.500	38.10	2.500	0.0450	3.232	82.09	M	N
LE 037DD 06									1.750	44.45	1.900	0.0340	4.028	102.31	P	R
LE 037DD 07									2.000	50.80	1.500	0.0270	4.886	124.10	P	R
LE 037DD 08									2.250	57.15	1.200	0.0210	5.858	148.79	R	S
LE 037DD 09									2.500	63.50	1.000	0.0180	6.826	173.38	R	S
LE 037DD 10									2.750	69.85	0.900	0.0160	7.557	191.95	S	T
LE 037DD 11									3.000	76.20	0.800	0.0140	8.412	213.66	S	T

## SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 055DD 01	.420	10.67	.055	1.40	16.11	7.306	1.40	.635	1.000	25.40	56.600	1.0110	1.260	32.00	L	M
LE 055DD 02									1.125	28.58	38.800	0.6930	1.504	38.20	L	M
LE 055DD 03									1.250	31.75	29.000	0.5180	1.757	44.63	L	M
LE 055DD 04									1.375	34.93	23.500	0.4200	2.000	50.80	L	M
LE 055DD 05									1.500	38.10	19.500	0.3480	2.254	57.25	L	M
LE 055DD 06									1.750	44.45	14.700	0.2630	2.751	69.88	M	N
LE 055DD 07									2.000	50.80	11.800	0.2110	3.247	82.47	R	S
LE 055DD 08									2.250	57.15	9.800	0.1750	3.751	95.28	R	S
LE 055DD 09									2.500	63.50	8.400	0.1500	4.251	107.98	R	S
LE 055DD 10									2.750	69.85	7.400	0.1320	4.738	120.35	S	T
LE 055DD 11									3.000	76.20	6.600	0.1180	5.229	132.82	T	U
LE 037DE 01	.438	11.11	.037	.94	5.50	2.491	.55	.249	1.000	25.40	3.800	0.0680	2.300	58.42	K	L
LE 037DE 02									1.125	28.58	3.000	0.0530	2.775	70.49	K	L
LE 037DE 03									1.250	31.75	2.400	0.0430	3.310	84.07	K	L
LE 037DE 04									1.375	34.93	2.000	0.0360	3.855	97.92	L	M
LE 037DE 05									1.500	38.10	1.750	0.0310	4.330	109.98	M	N
LE 037DE 06									1.750	44.45	1.400	0.0250	5.290	134.37	P	R
LE 037DE 07									2.000	50.80	1.100	0.0200	6.500	165.10	P	R
LE 037DE 08									2.250	57.15	0.970	0.0170	7.350	186.69	R	S
LE 037DE 09									2.500	63.50	0.850	0.0150	8.320	211.33	R	S
LE 037DE 10									2.750	69.85	0.750	0.0130	9.350	237.49	S	T
LE 037DE 11									3.000	76.20	0.660	0.0120	10.500	266.70	S	T
LE 046DE 01	.438	11.11	.046	1.17	10.00	4.540	1.00	.450	1.000	25.40	18.700	0.3340	1.480	37.59	L	M
LE 046DE 02									1.125	28.58	13.200	0.2360	1.805	45.85	L	M
LE 046DE 03									1.250	31.75	9.750	0.1740	2.170	55.12	L	M
LE 046DE 04									1.375	34.93	8.000	0.1430	2.505	63.63	L	M
LE 046DE 05									1.500	38.10	6.800	0.1210	2.820	71.63	L	M
LE 046DE 06									1.750	44.45	5.100	0.0910	3.510	89.15	M	N
LE 046DE 07									2.000	50.80	4.100	0.0730	4.200	106.68	R	S
LE 046DE 08									2.250	57.15	3.400	0.0610	4.900	124.46	R	S
LE 046DE 09									2.500	63.50	2.900	0.0520	5.600	142.24	R	S
LE 046DE 10									2.750	69.85	2.550	0.0450	6.280	159.51	S	T
LE 046DE 11									3.000	76.20	2.250	0.0400	7.000	177.80	T	U
LE 055DE 01	.438	11.11	.055	1.40	15.00	6.793	1.50	.679	1.000	25.40	29.000	0.5170	1.470	37.34	L	M
LE 055DE 02									1.125	28.58	22.500	0.4010	1.725	43.82	L	M
LE 055DE 03									1.250	31.75	19.000	0.3390	1.960	49.78	L	M
LE 055DE 04									1.375	34.93	16.000	0.2850	2.215	56.26	L	M
LE 055DE 05									1.500	38.10	14.000	0.2500	2.460	62.48	L	M
LE 055DE 06									1.750	44.45	11.000	0.1960	2.980	75.69	M	N
LE 055DE 07									2.000	50.80	9.300	0.1660	3.450	87.63	R	S
LE 055DE 08									2.250	57.15	8.000	0.1430	3.940	100.08	R	S
LE 055DE 09									2.500	63.50	6.800	0.1210	4.490	114.05	R	S
LE 055DE 10									2.750	69.85	6.000	0.1070	5.000	127.00	S	T
LE 055DE 11									3.000	76.20	5.400	0.0960	5.500	139.70	T	U

EXTENSION SPRINGS



**SPECIAL INSTRUCTIONS FOR EXTENSION SERIES**

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

**PRICING:** See Inside Front Cover for pricing up to 199. To price or order up to 1000 pcs. visit [leespring.com](http://leespring.com); 1000+ pcs. contact Lee Spring.

**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 034E 01	.500	12.70	.034	.86	3.60	1.633	.30	.136	1.250	31.75	1.890	0.0340	3.000	76.20	K	L
LE 034E 02									1.375	34.93	1.420	0.0250	3.695	93.85	K	L
LE 034E 03									1.500	38.10	1.100	0.0200	4.500	114.30	K	L
LE 034E 04									1.750	44.45	0.793	0.0140	5.930	150.62	L	M
LE 034E 05									2.000	50.80	0.610	0.0110	7.410	188.21	M	N
LE 034E 06									2.250	57.15	0.496	0.0090	8.850	224.79	M	N
LE 037E 01	.500	12.70	.037	.94	4.30	1.950	.40	.181	1.250	31.75	3.000	0.0530	2.550	64.77	K	L
LE 037E 02									1.375	34.93	2.200	0.0390	3.145	79.88	K	L
LE 037E 03									1.500	38.10	1.700	0.0300	3.790	96.27	K	L
LE 037E 04									1.750	44.45	1.200	0.0210	5.000	127.00	L	M
LE 037E 05									2.000	50.80	0.900	0.0160	6.330	160.78	M	N
LE 037E 06									2.250	57.15	0.766	0.0130	7.310	185.67	N	P
LE 037E 07									2.500	63.50	0.700	0.0130	8.072	205.03	N	P
LE 037E 08									2.750	69.85	0.600	0.0110	9.248	234.90	N	P
LE 037E 09									3.000	76.20	0.500	0.0090	10.793	274.14	N	P
LE 037E 10									3.500	88.90	0.400	0.0070	13.226	335.94	P	R
LE 037E 11									4.000	101.60	0.300	0.0050	16.996	431.70	S	W
LE 037E 12									4.500	114.30	0.300	0.0050	17.496	444.40	S	W
LE 037E 13									5.000	127.00	0.200	0.0040	24.418	620.22	T	Z
LE 041E 01	.500	12.70	.041	1.04	5.80	2.630	.50	.227	1.250	31.75	4.900	0.0870	2.330	59.18	K	L
LE 041E 02									1.375	34.93	3.700	0.0660	2.805	71.25	K	L
LE 041E 03									1.500	38.10	2.900	0.0520	3.330	84.58	K	L
LE 041E 04									1.750	44.45	2.100	0.0370	4.270	108.46	L	M
LE 041E 05									2.000	50.80	1.600	0.0280	5.310	134.87	M	N
LE 041E 06									2.250	57.15	1.300	0.0230	6.330	160.78	N	P
LE 041E 07									2.500	63.50	1.110	0.0200	7.270	184.66	N	P
LE 041E 08									2.750	69.85	0.963	0.0170	8.270	210.06	N	P
LE 041E 09									3.000	76.20	0.800	0.0140	9.628	244.55	N	P
LE 041E 10									3.500	88.90	0.700	0.0130	11.071	281.20	P	R
LE 041E 11									4.000	101.60	0.600	0.0110	12.831	325.91	S	W
LE 041E 12									4.500	114.30	0.500	0.0090	15.090	383.29	S	W
LE 041E 13									5.000	127.00	0.400	0.0070	18.218	462.74	T	Z
LE 045E 00	.500	12.70	.045	1.14	7.50	3.401	.70	.317	1.000	25.40	21.800	0.3890	1.310	33.27	K	L
LE 045E 01									1.250	31.75	7.700	0.1380	2.130	54.10	K	L
LE 045E 02									1.375	34.93	5.700	0.1020	2.565	65.15	K	L
LE 045E 03									1.500	38.10	4.700	0.0840	2.950	74.93	K	L
LE 045E 04									1.750	44.45	3.400	0.0610	3.750	95.25	L	M
LE 045E 05									2.000	50.80	2.600	0.0460	4.620	117.35	L	M
LE 045E 06									2.250	57.15	2.100	0.0370	5.490	139.45	N	P
LE 045E 07									2.500	63.50	1.800	0.0320	6.280	159.51	N	P
LE 045E 08									2.750	69.85	1.550	0.0280	7.140	181.36	N	P
LE 045E 09									3.000	76.20	1.370	0.0240	7.960	202.18	N	P
LE 045E 10									3.500	88.90	1.100	0.0200	9.679	245.85	P	R
LE 045E 11									4.000	101.60	0.900	0.0160	11.555	293.50	S	W
LE 045E 12									4.500	114.30	0.800	0.0140	13.000	330.20	S	W
LE 045E 13									5.000	127.00	0.700	0.0130	14.713	373.71	T	Z

## SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
															M	S
LE 049E 01	.500	12.70	.049	1.24	10.00	4.530	.88	.398	1.250	31.75	11.800	0.2100	2.020	51.31	L	M
LE 049E 02									1.500	38.10	7.260	0.1290	2.760	70.10	L	M
LE 049E 03									1.750	44.45	5.240	0.0935	3.490	88.65	L	M
LE 049E 04									2.000	50.80	4.000	0.0710	4.280	108.71	L	M
LE 049E 05									2.250	57.15	3.300	0.0590	5.010	127.25	L	M
LE 049E 06									2.500	63.50	2.800	0.0500	5.760	146.30	L	N
LE 049E 07									2.750	69.85	2.400	0.0430	6.550	166.37	M	N
LE 049E 08									3.000	76.20	2.140	0.0380	7.260	184.40	N	P
LE 049E 09									3.500	88.90	1.750	0.0310	8.710	221.23	P	R
LE 049E 10									4.000	101.60	1.470	0.0260	10.200	259.08	R	S
LE 055E 0	.500	12.70	.055	1.40	13.20	5.978	1.30	.589	1.250	31.75	20.640	0.3680	1.830	46.48	L	M
LE 055E 01									1.375	34.93	15.600	0.2780	2.135	54.23	L	M
LE 055E 02									1.500	38.10	13.000	0.2320	2.420	61.47	L	M
LE 055E 03									1.750	44.45	9.400	0.1680	3.020	76.71	L	M
LE 055E 04									2.000	50.80	7.400	0.1320	3.610	91.69	L	M
LE 055E 05									2.250	57.15	6.100	0.1090	4.200	106.68	L	N
LE 055E 06									2.500	63.50	5.200	0.0930	4.790	121.67	M	P
LE 055E 07									2.750	69.85	4.500	0.0800	5.390	136.91	P	S
LE 055E 08									3.000	76.20	3.900	0.0700	6.050	153.67	R	T
LE 055E 09									3.500	88.90	3.200	0.0570	7.220	183.39	R	W
LE 055E 10									4.000	101.60	2.700	0.0480	8.410	213.61	S	X
LE 055E 11									4.500	114.30	2.300	0.0410	9.670	245.62	T	Z
LE 055E 12	5.000	127.00	2.070	0.0370	10.750	273.05	U	AA								
LE 063E 0	.500	12.70	.063	1.60	19.00	8.605	2.00	.906	1.250	31.75	40.630	0.7260	1.670	42.42	L	M
LE 063E 01									1.375	34.93	31.400	0.5600	1.915	48.64	L	M
LE 063E 02									1.500	38.10	25.700	0.4580	2.160	54.86	L	M
LE 063E 03									1.750	44.45	18.900	0.3370	2.650	67.31	L	M
LE 063E 04									2.000	50.80	14.900	0.2660	3.140	79.76	L	M
LE 063E 05									2.250	57.15	12.300	0.2190	3.630	92.20	L	R
LE 063E 06									2.500	63.50	10.700	0.1910	4.090	103.89	M	R
LE 063E 07									2.750	69.85	9.100	0.1620	4.620	117.35	P	S
LE 063E 08									3.000	76.20	8.200	0.1460	5.070	128.78	R	T
LE 063E 09									3.500	88.90	6.700	0.1190	6.040	153.42	R	W
LE 063E 10									4.000	101.60	5.600	0.1000	7.040	178.82	S	X
LE 063E 11									4.500	114.30	4.800	0.0860	8.040	204.22	T	Z
LE 063E 12	5.000	127.00	4.300	0.0770	8.950	227.33	U	AB								

EXTENSION SPRINGS



### SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 067E 01	.500	12.70	.067	1.70	24.00	10.890	3.50	1.590	1.250	31.75	55.300	0.9878	1.620	41.15	M	N
LE 067E 02									1.500	38.10	35.600	0.6355	2.080	52.83	M	N
LE 067E 03									1.750	44.45	26.200	0.4684	2.530	64.26	M	N
LE 067E 04									2.000	50.80	20.800	0.3709	2.990	75.95	M	N
LE 067E 05									2.250	57.15	17.200	0.3070	3.440	87.38	M	S
LE 067E 06									2.500	63.50	14.700	0.2619	3.900	99.06	N	S
LE 067E 07									2.750	69.85	12.800	0.2283	4.360	110.74	R	T
LE 067E 08									3.000	76.20	11.300	0.2024	4.810	122.17	S	U
LE 067E 09									3.500	88.90	9.200	0.1649	5.720	145.29	S	X
LE 067E 10									4.000	101.60	7.800	0.1392	6.630	168.40	T	Y
LE 067E 11									4.500	114.30	6.700	0.1204	7.540	191.52	U	AA
LE 067E 12									5.000	127.00	5.900	0.1060	8.450	214.63	W	AC
LE 075E 01	.500	12.70	.075	1.91	35.00	15.880	5.00	2.270	1.250	31.75	97.620	1.7430	1.560	39.62	N	P
LE 075E 02									1.500	38.10	63.960	1.1420	1.970	50.04	N	P
LE 075E 03									1.750	44.45	47.560	0.8490	2.380	60.45	N	P
LE 075E 04									2.000	50.80	37.850	0.6760	2.790	70.87	N	P
LE 075E 05									2.250	57.15	31.440	0.5610	3.200	81.28	N	T
LE 075E 06									2.500	63.50	26.880	0.4800	3.620	91.95	P	T
LE 075E 07									2.750	69.85	23.480	0.4190	4.030	102.36	S	U
LE 075E 08									3.000	76.20	20.840	0.3720	4.440	112.78	T	W
LE 075E 09									3.500	88.90	17.020	0.3040	5.260	133.60	T	Y
LE 075E 10									4.000	101.60	14.380	0.2570	6.090	154.69	U	Z
LE 075E 11									4.500	114.30	12.450	0.2220	6.910	175.51	W	AB
LE 075E 12									5.000	127.00	10.970	0.1960	7.730	196.34	X	AD
LE 055F 00	.625	15.88	.055	1.40	10.50	4.755	1.00	.453	1.500	38.10	9.820	0.1750	2.470	62.74	M	N
LE 055F 0									1.750	44.45	6.130	0.1090	3.300	83.82	M	N
LE 055F 01									2.000	50.80	4.500	0.0800	4.110	104.39	M	N
LE 055F 02									2.250	57.15	3.500	0.0620	4.960	125.98	M	N
LE 055F 03									2.500	63.50	2.900	0.0520	5.780	146.81	P	S
LE 055F 04									2.750	69.85	2.500	0.0440	6.550	166.37	P	T
LE 055F 05									3.000	76.20	2.100	0.0370	7.520	191.01	R	U
LE 055F 06									3.500	88.90	1.700	0.0300	9.090	230.89	S	X
LE 055F 07	4.000	101.60	1.400	0.0250	10.790	274.07	T	Z								
LE 063F 01	.625	15.88	.063	1.60	15.00	6.793	1.50	.679	2.000	50.80	8.900	0.1590	3.520	89.41	N	R
LE 063F 02									2.250	57.15	6.700	0.1190	4.260	108.20	N	S
LE 063F 03									2.500	63.50	5.800	0.1030	4.830	122.68	P	T
LE 063F 04									2.750	69.85	4.900	0.0870	5.510	139.95	P	U
LE 063F 05									3.000	76.20	4.300	0.0770	6.140	155.96	R	W
LE 063F 06									3.500	88.90	3.400	0.0610	7.470	189.74	S	Z
LE 063F 07									4.000	101.60	2.900	0.0520	8.660	219.96	T	AB
LE 063F 08									4.500	114.30	2.400	0.0430	10.130	257.30	U	AD
LE 063F 09									5.000	127.00	2.130	0.0380	11.340	288.04	W	AE

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 069F 01	.625	15.88	.069	1.75	19.00	8.605	2.00	.906	2.000	50.80	14.100	0.2510	3.210	81.53	N	T
LE 069F 02									2.250	57.15	11.300	0.2010	3.750	95.25	N	U
LE 069F 03									2.500	63.50	9.400	0.1680	4.310	109.47	P	W
LE 069F 04									2.750	69.85	8.100	0.1440	4.850	123.19	P	X
LE 069F 05									3.000	76.20	7.100	0.1260	5.390	136.91	R	Y
LE 069F 06									3.500	88.90	5.600	0.1000	6.540	166.12	S	AA
LE 069F 07									4.000	101.60	4.600	0.0820	7.700	195.58	T	AC
LE 069F 08									4.500	114.30	4.000	0.0710	8.750	222.25	U	AG
LE 069F 09									5.000	127.00	3.470	0.0620	9.900	251.46	W	AJ
LE 049G 01	.750	19.05	.049	1.24	6.60	3.000	.59	.270	2.000	50.80	2.300	0.0410	4.610	117.09	N	T
LE 049G 02									2.250	57.15	1.500	0.0270	6.260	159.00	P	U
LE 049G 03									2.500	63.50	1.200	0.0210	7.510	190.75	R	X
LE 049G 04									2.750	69.85	0.900	0.0160	9.430	239.52	S	X
LE 049G 05									3.000	76.20	0.800	0.0140	10.510	266.95	S	Z
LE 049G 06									3.250	82.55	0.700	0.0125	11.840	300.74	T	AA
LE 049G 07									3.500	88.90	0.600	0.0107	13.520	343.41	U	AB
LE 055G 01	.750	19.05	.055	1.40	8.80	3.986	.80	.362	2.000	50.80	3.400	0.0610	4.350	110.49	P	T
LE 055G 02									2.250	57.15	2.500	0.0440	5.450	138.43	R	U
LE 055G 03									2.500	63.50	2.000	0.0360	6.500	165.10	R	X
LE 055G 04									2.750	69.85	1.600	0.0280	7.750	196.85	S	Y
LE 055G 05									3.000	76.20	1.400	0.0250	8.710	221.23	S	Z
LE 055G 06									3.500	88.90	1.000	0.0180	11.500	292.10	U	AC
LE 063G 01	.750	19.05	.063	1.60	12.80	5.797	1.20	.543	2.000	50.80	6.600	0.1180	3.760	95.50	N	S
LE 063G 02									2.250	57.15	4.900	0.0870	4.620	117.35	P	U
LE 063G 03									2.500	63.50	3.800	0.0680	5.550	140.97	P	W
LE 063G 04									2.750	69.85	3.200	0.0570	6.380	162.05	R	X
LE 063G 05									3.000	76.20	2.700	0.0480	7.300	185.42	R	Z
LE 063G 06									3.500	88.90	2.100	0.0370	9.020	229.11	T	AC
LE 063G 07									4.000	101.60	1.700	0.0300	10.820	274.83	U	AD
LE 063G 08									4.500	114.30	1.400	0.0250	12.790	324.87	W	AJ
LE 063G 09									5.000	127.00	1.200	0.0210	14.670	372.62	Y	AK
LE 063G 10									5.500	139.70	1.100	0.0200	16.050	407.67	Y	AL
LE 069G 01	.750	19.05	.069	1.75	16.50	7.500	1.60	.730	2.000	50.80	10.250	0.1830	3.450	87.63	P	T
LE 069G 02									2.250	57.15	7.700	0.1380	4.190	106.43	P	W
LE 069G 03									2.500	63.50	6.150	0.1100	4.920	124.97	R	X
LE 069G 04									2.750	69.85	5.130	0.0920	5.650	143.51	R	Z
LE 069G 05									3.000	76.20	4.310	0.0770	6.460	164.08	S	AA
LE 069G 06									3.500	88.90	3.370	0.0600	7.920	201.17	U	AD
LE 069G 07									4.000	101.60	2.730	0.0490	9.460	240.28	W	AJ
LE 069G 08									4.500	114.30	2.320	0.0410	10.920	277.37	X	AK
LE 069G 09									5.000	127.00	2.000	0.0360	12.450	316.23	Y	AL
LE 069G 10									5.500	139.70	1.770	0.0320	13.920	353.57	Z	AM

EXTENSION SPRINGS



### SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.  
**PRICING:** See Inside Front Cover for pricing up to 199. To price or order up to 1000 pcs. visit [leespring.com](http://leespring.com); 1000+ pcs. contact Lee Spring.  
**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

EXTENSION SPRINGS

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
LE 075G 01	.750	19.05	.075	1.90	20.70	9.375	2.00	.906	2.000	50.80	16.200	0.2890	3.150	80.01	P	T
LE 075G 02									2.250	57.15	11.800	0.2100	3.830	97.28	P	W
LE 075G 03									2.500	63.50	9.300	0.1660	4.510	114.55	R	X
LE 075G 04									2.750	69.85	7.900	0.1410	5.120	130.05	R	Z
LE 075G 05									3.000	76.20	6.700	0.1190	5.790	147.07	S	AA
LE 075G 06									3.500	88.90	5.200	0.0930	7.100	180.34	U	AD
LE 075G 07									4.000	101.60	4.300	0.0770	8.350	212.09	W	AJ
LE 075G 08									4.500	114.30	3.600	0.0640	9.690	246.13	X	AK
LE 075G 09									5.000	127.00	3.100	0.0550	11.030	280.16	Y	AL
LE 075G 10									5.500	139.70	2.730	0.0490	12.350	313.69	Z	AM
LE 075G 11									6.000	152.40	2.450	0.0440	13.630	346.20	AD	AN
LE 085G 01	.750	19.05	.085	2.16	31.50	14.288	2.80	1.270	2.000	50.80	31.360	0.5600	2.920	74.17	R	U
LE 085G 02									2.250	57.15	23.180	0.4140	3.490	88.65	R	X
LE 085G 03									2.500	63.50	18.380	0.3280	4.060	103.12	S	Y
LE 085G 04									2.750	69.85	14.810	0.2640	4.690	119.13	S	AA
LE 085G 05									3.000	76.20	13.000	0.2320	5.210	132.33	T	AB
LE 085G 06									3.500	88.90	10.000	0.1780	6.370	161.80	W	AE
LE 085G 07									4.000	101.60	8.200	0.1460	7.500	190.50	X	AK
LE 085G 08									4.500	114.30	6.920	0.1230	8.650	219.71	Y	AL
LE 085G 09									5.000	127.00	6.060	0.1080	9.740	247.40	Z	AM
LE 093G 01	.750	19.05	.093	2.36	40.00	18.180	3.50	1.590	2.000	50.80	45.500	0.8130	2.800	71.12	S	W
LE 093G 02									2.250	57.15	35.200	0.6290	3.290	83.57	S	Y
LE 093G 03									2.500	63.50	27.600	0.4930	3.820	97.03	T	Z
LE 093G 04									2.750	69.85	23.500	0.4200	4.300	109.22	U	AB
LE 093G 05									3.000	76.20	20.400	0.3640	4.790	121.67	W	AC
LE 093G 06									3.500	88.90	15.800	0.2820	5.810	147.57	X	AG
LE 093G 07									4.000	101.60	12.900	0.2300	6.830	173.48	Y	AL
LE 093G 08									4.500	114.30	10.900	0.1950	7.850	199.39	Z	AM
LE 093G 09									5.000	127.00	9.600	0.1710	8.800	223.52	AA	AN
LE 105G 01	.750	19.05	.105	2.67	56.00	25.400	6.00	2.720	2.000	50.80	83.900	1.5000	2.600	66.04	T	X
LE 105G 02									2.250	57.15	64.200	1.1500	3.030	76.96	T	Z
LE 105G 03									2.500	63.50	52.000	0.9300	3.460	87.88	U	AA
LE 105G 04									2.750	69.85	43.700	0.7800	3.900	99.06	W	AC
LE 105G 05									3.000	76.20	37.700	0.6700	4.330	109.98	X	AD
LE 105G 06									3.500	88.90	29.500	0.5300	5.190	131.83	Y	AJ
LE 105G 07									4.000	101.60	24.300	0.4300	6.080	154.43	Z	AM
LE 105G 08									4.500	114.30	20.600	0.3700	6.910	175.51	AA	AN
LE 105G 09									5.000	127.00	17.900	0.3200	7.790	197.87	AB	AO

## SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
															M	S
LE 112G 01	.750	19.05	.112	2.84	69.00	31.300	8.00	3.630	2.000	50.80	116.690	2.0840	2.520	64.01	U	Y
LE 112G 02									2.250	57.15	89.830	1.6040	2.930	74.42	U	AA
LE 112G 03									2.500	63.50	73.020	1.3040	3.340	84.84	W	AB
LE 112G 04									2.750	69.85	61.510	1.0980	3.740	95.00	X	AD
LE 112G 05									3.000	76.20	53.130	0.9490	4.150	105.41	Y	AE
LE 112G 06									3.500	88.90	41.760	0.7460	4.960	125.98	Z	AK
LE 112G 07									4.000	101.60	34.400	0.6140	5.770	146.56	AA	AN
LE 112G 08									4.500	114.30	29.240	0.5220	6.590	167.39	AB	AO
LE 112G 09									5.000	127.00	25.430	0.4540	7.400	187.96	AC	AP
LE 055H 01	.850	21.59	.055	1.40	7.80	3.533	.70	.317	2.000	50.80	3.200	0.0570	4.220	107.19	W	AG
LE 055H 02									2.250	57.15	2.100	0.0370	5.630	143.00	W	AG
LE 055H 03									2.500	63.50	1.600	0.0280	6.940	176.28	W	AG
LE 055H 04									2.750	69.85	1.200	0.0210	8.670	220.22	W	AG
LE 063H 01	.850	21.59	.063	1.60	11.30	5.118	1.00	.453	2.250	57.15	3.900	0.0700	4.890	124.21	X	AJ
LE 063H 02									2.500	63.50	2.900	0.0520	6.050	153.67	X	AJ
LE 063H 03									2.750	69.85	2.300	0.0410	7.230	183.64	X	AJ
LE 063H 04									3.000	76.20	1.900	0.0340	8.420	213.87	Y	AL
LE 063H 05									3.500	88.90	1.400	0.0250	10.860	275.84	Y	AL
LE 075H 01	.850	21.59	.075	1.90	18.40	8.333	1.70	.770	2.250	57.15	9.700	0.1730	3.970	100.84	Y	AK
LE 075H 02									2.500	63.50	7.500	0.1340	4.730	120.14	Y	AK
LE 075H 03									2.750	69.85	6.000	0.1070	5.530	140.46	Y	AK
LE 075H 04									3.000	76.20	5.000	0.0890	6.340	161.04	Y	AK
LE 075H 05									3.500	88.90	3.800	0.0680	7.990	200.41	Z	AL
LE 075H 06									4.000	101.60	3.000	0.0530	9.570	243.08	Z	AL
LE 075H 07									4.500	114.30	2.500	0.0440	11.180	283.97	AA	AM
LE 075H 08									4.750	120.65	2.300	0.0410	12.010	305.05	AA	AM
LE 075H 09									5.000	127.00	2.200	0.0390	12.590	319.79	AA	AM
LE 085H 0	.850	21.59	.085	2.16	25.90	11.730	2.40	1.087	2.000	50.80	27.000	0.4820	2.870	72.90	Z	AL
LE 085H 01									2.250	57.15	19.200	0.3420	3.470	88.14	Z	AL
LE 085H 02									2.500	63.50	14.000	0.2500	4.180	106.17	Z	AL
LE 085H 03									2.750	69.85	11.100	0.2010	4.870	123.70	Z	AL
LE 085H 04									3.000	76.20	9.500	0.1690	5.470	138.94	Z	AL
LE 085H 05									3.500	88.90	7.300	0.1300	6.720	170.69	AB	AN
LE 085H 06									4.000	101.60	5.800	0.1030	8.050	204.47	AB	AN
LE 085H 07									4.500	114.30	4.900	0.0870	9.300	236.22	AB	AN
LE 085H 08									4.750	120.65	4.500	0.0800	9.970	253.24	AB	AN
LE 085H 09									5.000	127.00	4.100	0.0730	10.730	272.54	AB	AN
LE 085H 10									5.500	139.70	3.600	0.0640	12.030	305.56	AB	AN
LE 085H 11	6.000	152.40	3.250	0.0580	13.230	336.04	AB	AN								
LE 063J 01	1.000	25.40	.063	1.60	9.70	4.393	.90	.408	2.500	63.50	2.600	0.0460	5.880	149.35	Z	AL
LE 063J 02									2.750	69.85	1.900	0.0340	7.380	187.45	Z	AL
LE 063J 03									3.000	76.20	1.500	0.0270	8.870	225.30	Z	AL
LE 063J 04									3.250	82.55	1.200	0.0210	10.580	268.73	Z	AL

EXTENSION SPRINGS



**SPECIAL INSTRUCTIONS FOR EXTENSION SERIES**

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

EXTENSION SPRINGS

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	M	S
LE 075J 01	1.000	25.40	.075	1.90	15.70	7.110	1.40	.634	2.500	63.50	6.300	0.1120	4.770	121.16	AA	AL
LE 075J 02									2.750	69.85	4.600	0.0820	5.860	148.84	AA	AL
LE 075J 03									3.000	76.20	3.600	0.0640	6.970	177.04	AA	AL
LE 075J 04									3.500	88.90	2.600	0.0460	9.000	228.60	AA	AM
LE 075J 05									4.000	101.60	2.000	0.0360	11.150	283.21	AB	AM
LE 075J 06									4.500	114.30	1.700	0.0300	12.910	327.91	AC	AO
LE 075J 07									5.000	127.00	1.400	0.0250	15.210	386.33	AC	AO
LE 085J 01	1.000	25.40	.085	2.16	22.30	10.054	2.00	.906	2.750	69.85	8.500	0.1520	5.140	130.56	AA	AM
LE 085J 02									3.000	76.20	6.800	0.1210	5.990	152.15	AA	AM
LE 085J 03									3.500	88.90	5.000	0.0890	7.560	192.02	AA	AM
LE 085J 04									4.000	101.60	3.900	0.0700	9.210	233.93	AB	AN
LE 085J 05									4.500	114.30	3.200	0.0570	10.840	275.34	AD	AO
LE 085J 06									5.000	127.00	2.700	0.0480	12.520	318.01	AD	AO
LE 095J 0	1.000	25.40	.095	2.41	30.00	13.605	2.70	1.224	2.500	63.50	24.100	0.4300	3.633	92.28	AB	AM
LE 095J 01									2.750	69.85	15.000	0.2670	4.570	116.08	AB	AM
LE 095J 02									3.000	76.20	12.200	0.2180	5.240	133.10	AB	AM
LE 095J 03									3.500	88.90	8.700	0.1550	6.640	168.66	AB	AM
LE 095J 04									4.000	101.60	6.900	0.1230	7.960	202.18	AD	AO
LE 095J 05									4.500	114.30	5.600	0.1000	9.380	238.25	AD	AO
LE 095J 06									5.000	127.00	4.800	0.0860	10.690	271.53	AE	AP
LE 095J 07									5.500	139.70	4.120	0.0730	12.130	308.10	AJ	AR
LE 095J 08									6.000	152.40	3.660	0.0650	13.460	341.88	AK	AS
LE 095J 09									6.500	165.10	3.270	0.0580	14.850	377.19	AL	AT
LE 095J 10									7.000	177.80	2.960	0.0530	16.220	411.99	AM	AU
LE 095J 11									8.000	203.20	2.400	0.0430	19.373	492.07	AO	AZE
LE 095J 12	9.000	228.60	2.100	0.0380	22.000	558.80	AO	AZE								
LE 105J 0	1.000	25.40	.105	2.67	40.00	18.141	4.00	1.814	2.500	63.50	39.000	0.6960	3.423	86.94	AC	AK
LE 105J 01									2.750	69.85	23.200	0.4140	4.300	109.22	AC	AK
LE 105J 02									3.000	76.20	19.500	0.3480	4.850	123.19	AD	AL
LE 105J 03									3.500	88.90	13.900	0.2480	6.090	154.69	AE	AM
LE 105J 04									4.000	101.60	11.100	0.1980	7.240	183.90	AE	AP
LE 105J 05									4.500	114.30	9.020	0.1610	8.490	215.65	AJ	AS
LE 105J 06									5.000	127.00	7.730	0.1380	9.660	245.36	AK	AW
LE 105J 07									5.500	139.70	6.670	0.1190	10.900	276.86	AL	AZ
LE 105J 08									6.000	152.40	5.870	0.1050	12.130	308.10	AM	AZC
LE 105J 09									6.500	165.10	5.310	0.0950	13.280	337.31	AN	AZD
LE 105J 10									7.000	177.80	4.810	0.0860	14.480	367.79	AO	AZE
LE 105J 11									8.000	203.20	4.200	0.0750	16.571	420.90	AO	AZE
LE 105J 12	9.000	228.60	3.600	0.0640	19.000	482.60	AP	AZE								

## SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
															M	S
LE 115J 0	1.000	25.40	.115	2.92	50.00	22.676	5.00	2.268	2.500	63.50	60.400	1.0790	3.245	82.42	AD	AL
LE 115J 01									2.750	69.85	38.200	0.6810	3.930	99.82	AD	AL
LE 115J 02									3.000	76.20	30.200	0.5380	4.490	114.05	AD	AN
LE 115J 03									3.500	88.90	22.700	0.4050	5.480	139.19	AE	AR
LE 115J 04									4.000	101.60	17.700	0.3160	6.540	166.12	AJ	AU
LE 115J 05									4.500	114.30	14.500	0.2590	7.600	193.04	AK	AY
LE 115J 06									5.000	127.00	12.500	0.2230	8.600	218.44	AL	AZA
LE 115J 07									5.500	139.70	10.800	0.1920	9.670	245.62	AM	AZB
LE 115J 08									6.000	152.40	9.500	0.1690	10.740	272.80	AN	AZC
LE 115J 09									6.500	165.10	8.600	0.1540	11.730	297.94	AO	AZD
LE 115J 10									7.000	177.80	7.800	0.1390	12.770	324.36	AP	AZE
LE 115J 11									8.000	203.20	6.700	0.1200	14.716	373.79	AP	AZE
LE 115J 12	9.000	228.60	5.800	0.1040	16.759	425.68	AP	AZE								
LE 125J 0	1.000	25.40	.125	3.18	70.00	31.746	7.00	3.175	2.500	63.50	87.300	1.5590	3.222	81.84	AE	AM
LE 125J 01									2.750	69.85	58.210	1.0390	3.830	97.28	AE	AM
LE 125J 02									3.000	76.20	47.620	0.8500	4.320	109.73	AE	AO
LE 125J 03									3.500	88.90	34.920	0.6240	5.300	134.62	AG	AS
LE 125J 04									4.000	101.60	27.570	0.4920	6.290	159.77	AK	AW
LE 125J 05									4.500	114.30	22.780	0.4070	7.270	184.66	AL	AZ
LE 125J 06									5.000	127.00	19.400	0.3460	8.250	209.55	AM	AZB
LE 125J 07									5.500	139.70	16.900	0.3020	9.230	234.44	AN	AZC
LE 125J 08									6.000	152.40	14.970	0.2670	10.210	259.33	AO	AZD
LE 125J 09									6.500	165.10	13.800	0.2460	11.065	281.05	AO	AZD
LE 125J 10									7.000	177.80	12.500	0.2230	12.040	305.82	AP	AZE
LE 125J 11									8.000	203.20	10.500	0.1880	14.000	355.60	AP	AZE
LE 125J 12	9.000	228.60	9.000	0.1610	16.000	406.40	AP	AZE								
LE 135J 0	1.000	25.40	.135	3.43	85.00	38.549	9.00	4.082	2.500	63.50	134.100	2.3950	3.067	77.90	AG	AN
LE 135J 01									2.750	69.85	86.230	1.5400	3.630	92.20	AG	AN
LE 135J 02									3.000	76.20	70.880	1.2660	4.070	103.38	AG	AP
LE 135J 03									3.500	88.90	52.280	0.9340	4.950	125.73	AJ	AT
LE 135J 04									4.000	101.60	41.410	0.7400	5.840	148.34	AL	AX
LE 135J 05									4.500	114.30	34.280	0.6120	6.720	170.69	AM	AZA
LE 135J 06									5.000	127.00	29.250	0.5220	7.600	193.04	AN	AZC
LE 135J 07									5.500	139.70	25.500	0.4550	8.480	215.39	AO	AZD
LE 135J 08									6.000	152.40	22.610	0.4040	9.360	237.74	AP	AZE
LE 135J 09									6.500	165.10	20.800	0.3710	10.154	257.91	AP	AZE
LE 135J 10									7.000	177.80	18.900	0.3380	11.021	279.93	AR	AZF
LE 135J 11									8.000	203.20	15.900	0.2840	12.780	324.61	AR	AZF
LE 135J 12	9.000	228.60	13.700	0.2450	14.547	369.49	AR	AZF								

EXTENSION SPRINGS



### SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

**STOCK NUMBERS:** Add "M" to end of Stock Number for Music Wire; "S" for Type 302 Stainless.  
**PRICING:** See Inside Front Cover for pricing up to 199. To price or order up to 1000 pcs. visit [leespring.com](http://leespring.com); 1000+ pcs. contact Lee Spring.  
**CALCULATIONS:** Spring Rate, Maximum Load and Initial Tension are for Music Wire. For Type 302 multiply figures shown by 5/6 (.833).

# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	M	S
LE 148J 01	1.000	25.40	.148	3.76	112.05	50.816	9.68	4.390	2.500	63.50	202.800	3.6220	3.000	76.20	AJ	AO
LE 148J 02									2.750	69.85	159.300	2.8450	3.393	86.18	AK	AR
LE 148J 03									3.000	76.20	123.900	2.2130	3.826	97.18	AK	AW
LE 148J 04									3.500	88.90	92.900	1.6590	4.602	116.89	AM	AX
LE 148J 05									4.000	101.60	71.900	1.2840	5.424	137.77	AP	AZA
LE 148J 06									4.500	114.30	58.700	1.0480	6.244	158.60	AS	AZB
LE 148J 07									5.000	127.00	49.600	0.8860	7.064	179.43	AW	AZD
LE 148J 08									5.500	139.70	43.700	0.7800	7.843	199.21	AX	AZF
LE 148J 09									6.000	152.40	38.500	0.6880	8.659	219.94	AZ	AZG
LE 148J 10									6.500	165.10	34.300	0.6130	9.485	240.92	AZA	AZG
LE 148J 11									7.000	177.80	31.000	0.5540	10.302	261.67	AZB	AZH
LE 148J 12									8.000	203.20	26.200	0.4680	11.907	302.44	AZC	AZK
LE 148J 13									9.000	228.60	22.500	0.4020	13.550	344.17	AZD	AZM
LE 085JK 01	1.125	28.58	.085	2.16	20.97	9.500	1.89	.860	3.000	76.20	7.000	0.1250	5.730	145.54	AE	AP
LE 085JK 02									3.500	88.90	4.300	0.0770	7.940	201.68	AJ	AS
LE 085JK 03									4.000	101.60	3.100	0.0550	10.160	258.06	AK	AW
LE 085JK 04									4.500	114.30	2.500	0.0450	12.140	308.36	AL	AZ
LE 085JK 05									5.000	127.00	2.000	0.0360	14.560	369.82	AM	AZB
LE 085JK 06									5.500	139.70	1.700	0.0300	16.740	425.20	AN	AZC
LE 085JK 07									6.000	152.40	1.500	0.0270	18.740	476.00	AP	AZD
LE 085JK 08									6.500	165.10	1.300	0.0230	21.200	538.48	AR	AZF
LE 085JK 09									7.000	177.80	1.200	0.0210	22.930	582.42	AS	AZH
LE 105JK 01									1.125	28.58	.105	2.67	37.80	17.200	3.40	1.550
LE 105JK 02	3.500	88.90	12.500	0.2240	6.250	158.75	AJ	AT								
LE 105JK 03	4.000	101.60	9.200	0.1650	7.740	196.60	AL	AX								
LE 105JK 04	4.500	114.30	7.300	0.1310	9.210	233.93	AM	AZA								
LE 105JK 05	5.000	127.00	6.000	0.1070	10.730	272.54	AN	AZC								
LE 105JK 06	5.500	139.70	5.100	0.0910	12.250	311.15	AP	AZD								
LE 105JK 07	6.000	152.40	4.500	0.0810	13.640	346.46	AR	AZE								
LE 105JK 08	6.500	165.10	3.900	0.0700	15.320	389.13	AS	AZG								
LE 105JK 09	7.000	177.80	3.500	0.0630	16.830	427.48	AT	AZJ								
LE 125JK 01	1.125	28.58	.125	3.18	59.60	27.029	5.51	2.499	3.000	76.20	46.200	0.8250	4.171	105.94	AJ	AS
LE 125JK 02									3.500	88.90	30.300	0.5410	5.285	134.24	AK	AU
LE 125JK 03									4.000	101.60	22.500	0.4020	6.404	162.66	AM	AY
LE 125JK 04									4.500	114.30	17.900	0.3200	7.522	191.06	AN	AZB
LE 125JK 05									5.000	127.00	14.900	0.2660	8.630	219.20	AO	AZD
LE 125JK 06									5.500	139.70	12.700	0.2270	9.759	247.88	AR	AZE
LE 125JK 07									6.000	152.40	11.100	0.1980	10.873	276.17	AS	AZF
LE 125JK 08									6.500	165.10	9.900	0.1770	11.964	303.89	AT	AZH
LE 125JK 09									7.000	177.80	8.900	0.1590	13.077	332.16	AU	AZK

## SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
															M	S
LE 095K 01	1.250	31.75	.095	2.41	26.00	11.794	2.35	1.066	3.250	82.55	7.280	0.1300	6.500	165.10	AG	AR
LE 095K 02									3.500	88.90	5.860	0.1050	7.540	191.52	AJ	AT
LE 095K 03									4.000	101.60	4.330	0.0750	9.600	243.84	AL	AX
LE 095K 04									4.500	114.30	3.300	0.0590	11.670	296.42	AM	AZA
LE 095K 05									5.000	127.00	2.710	0.0480	13.730	348.74	AN	AZC
LE 095K 06									5.500	139.70	2.300	0.0410	15.780	400.81	AP	AZD
LE 095K 07									6.000	152.40	1.990	0.0360	17.880	454.15	AR	AZE
LE 095K 08									6.500	165.10	1.760	0.0310	19.940	506.48	AS	AZE
LE 095K 09									7.000	177.80	1.570	0.0280	22.060	560.32	AT	AZJ
LE 095K 10									7.500	190.50	1.430	0.0260	24.040	610.62	AU	AZK
LE 115K 01	1.250	31.75	.115	2.92	45.00	20.400	4.25	1.928	3.250	82.55	18.060	0.3220	5.510	139.95	AN	AW
LE 115K 02									3.500	88.90	14.700	0.2620	6.270	159.26	AN	AY
LE 115K 03									4.000	101.60	10.720	0.1910	7.800	198.12	AP	AZ
LE 115K 04									4.500	114.30	8.430	0.1500	9.330	236.98	AR	AZB
LE 115K 05									5.000	127.00	6.950	0.1240	10.860	275.84	AS	AZC
LE 115K 06									5.500	139.70	5.910	0.1060	12.400	314.96	AU	AZE
LE 115K 07									6.000	152.40	5.140	0.0920	13.930	353.82	AX	AZF
LE 115K 08									6.500	165.10	4.550	0.0810	15.460	392.68	AY	AZH
LE 115K 09									7.000	177.80	4.080	0.0730	16.990	431.55	AZ	AZK
LE 115K 10									7.500	190.50	3.700	0.0660	18.510	470.15	AZA	AZL
LE 135K 01	1.250	31.75	.135	3.43	65.00	29.480	6.20	2.800	3.250	82.55	40.500	0.7230	4.700	119.38	AR	AZA
LE 135K 02									3.500	88.90	34.400	0.6140	5.210	132.33	AS	AZB
LE 135K 03									4.000	101.60	25.500	0.4550	6.310	160.27	AT	AZB
LE 135K 04									4.500	114.30	19.700	0.3520	7.480	189.99	AU	AZC
LE 135K 05									5.000	127.00	16.400	0.2930	8.590	218.19	AX	AZC
LE 135K 06									5.500	139.70	13.600	0.2430	9.820	249.43	AZ	AZF
LE 135K 07									6.000	152.40	11.900	0.2120	10.940	277.88	AZB	AZG
LE 135K 08									6.500	165.10	10.600	0.1890	12.050	306.07	AZC	AZH
LE 135K 09									7.000	177.80	9.500	0.1700	13.190	335.03	AZD	AZJ
LE 135K 10									7.500	190.50	8.600	0.1540	14.340	364.24	AZE	AZK
LE 125L 01	1.500	38.10	.125	3.18	45.00	20.400	4.20	1.900	4.500	114.30	9.000	0.1610	9.030	229.36	AX	AZC
LE 125L 02									5.000	127.00	7.100	0.1270	10.750	273.05	AY	AZD
LE 125L 03									5.500	139.70	5.870	0.1050	12.450	316.23	AZA	AZE
LE 125L 04									6.000	152.40	5.000	0.0890	14.160	359.66	AZB	AZF
LE 125L 05									6.500	165.10	4.350	0.0780	15.880	403.35	AZC	AZH
LE 125L 06									7.000	177.80	3.860	0.0690	17.570	446.28	AZD	AZJ
LE 125L 07									7.500	190.50	3.460	0.0620	19.290	489.97	AZE	AZL
LE 125L 08									8.000	203.20	3.140	0.0560	20.990	533.15	AZF	AZM
LE 148L 01	1.500	38.10	.148	3.76	70.63	32.032	6.70	3.039	4.500	114.30	24.300	0.4340	7.131	181.13	AY	AZD
LE 148L 02									5.000	127.00	18.700	0.3340	8.419	213.84	AZ	AZE
LE 148L 03									5.500	139.70	15.300	0.2730	9.678	245.82	AZB	AZF
LE 148L 04									6.000	152.40	12.900	0.2300	10.956	278.28	AZC	AZG
LE 148L 05									6.500	165.10	11.200	0.2000	12.208	310.08	AZD	AZJ
LE 148L 06									7.000	177.80	9.800	0.1750	13.523	343.48	AZE	AZK
LE 148L 07									7.500	190.50	8.800	0.1570	14.765	375.03	AZF	AZM
LE 148L 08									8.000	203.20	7.900	0.1410	16.092	408.74	AZG	AZN

EXTENSION SPRINGS



### SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

EXTENSION SPRINGS

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB./IN.	KG/MM	IN.	MM	M	S
LE 177L 01	1.500	38.10	.177	4.50	120.96	54.857	10.97	4.975	4.500	114.30	59.900	1.0700	6.336	160.93	AZ	AZE
LE 177L 02									5.000	127.00	46.900	0.8380	7.345	186.56	AZA	AZF
LE 177L 03									5.500	139.70	38.500	0.6880	8.357	212.27	AZC	AZG
LE 177L 04									6.000	152.40	32.700	0.5840	9.364	237.85	AZD	AZH
LE 177L 05									6.500	165.10	28.400	0.5070	10.373	263.47	AZE	AZK
LE 177L 06									7.000	177.80	25.100	0.4480	11.382	289.10	AZF	AZL
LE 177L 07									7.500	190.50	22.500	0.4020	12.388	314.66	AZG	AZN
LE 177L 08									8.000	203.20	20.300	0.3630	13.418	340.82	AZH	AZO
LE 148N 01	1.750	44.45	.148	3.76	64.33	29.175	5.79	2.626	5.000	127.00	15.000	0.2680	8.903	226.14	AZA	AZF
LE 148N 02									5.500	139.70	11.500	0.2050	10.590	268.99	AZC	AZG
LE 148N 03									6.000	152.40	9.400	0.1680	12.228	310.59	AZD	AZH
LE 148N 04									6.500	165.10	7.900	0.1410	13.910	353.31	AZE	AZK
LE 148N 05									7.000	177.80	6.800	0.1210	15.609	396.47	AZF	AZL
LE 148N 06									7.500	190.50	6.000	0.1070	17.256	438.30	AZG	AZN
LE 148N 07									8.000	203.20	5.300	0.0950	19.045	483.74	AZH	AZO
LE 148N 08									9.000	228.60	4.400	0.0790	22.304	566.52	AZJ	AZP
LE 177N 01	1.750	44.45	.177	4.50	105.51	47.850	9.50	4.308	5.000	127.00	36.600	0.6540	7.623	193.62	AZA	AZF
LE 177N 02									5.500	139.70	28.500	0.5090	8.869	225.27	AZC	AZG
LE 177N 03									6.000	152.40	23.300	0.4160	10.121	257.07	AZD	AZH
LE 177N 04									6.500	165.10	19.700	0.3520	11.374	288.90	AZE	AZK
LE 177N 05									7.000	177.80	17.100	0.3050	12.615	320.42	AZF	AZL
LE 177N 06									7.500	190.50	15.100	0.2700	13.858	351.99	AZG	AZN
LE 177N 07									8.000	203.20	13.500	0.2410	15.112	383.84	AZH	AZO
LE 177N 08									9.000	228.60	11.200	0.2000	17.572	446.33	AZJ	AZP
LE 207N 01	1.750	44.45	.207	5.26	162.55	73.719	14.59	6.617	5.000	127.00	80.200	1.4320	6.845	173.86	AZB	AZG
LE 207N 02									5.500	139.70	63.200	1.1290	7.841	199.16	AZD	AZH
LE 207N 03									6.000	152.40	52.100	0.9300	8.840	224.54	AZE	AZJ
LE 207N 04									6.500	165.10	44.300	0.7910	9.840	249.94	AZF	AZL
LE 207N 05									7.000	177.80	38.600	0.6890	10.833	275.16	AZG	AZM
LE 207N 06									7.500	190.50	34.200	0.6110	11.826	300.38	AZH	AZO
LE 207N 07									8.000	203.20	30.600	0.5460	12.835	326.01	AZJ	AZP
LE 207N 08									9.000	228.60	25.400	0.4540	14.825	376.56	AZK	AZQ
LE 177P 01	2.000	50.80	.177	4.50	92.95	42.154	8.37	3.796	5.500	139.70	24.200	0.4320	8.995	228.47	AZD	AZH
LE 177P 02									6.000	152.40	18.700	0.3340	10.523	267.28	AZE	AZJ
LE 177P 03									6.500	165.10	15.300	0.2730	12.028	305.51	AZF	AZL
LE 177P 04									7.000	177.80	12.900	0.2300	13.557	344.35	AZG	AZM
LE 177P 05									7.500	190.50	11.100	0.1980	15.120	384.05	AZH	AZO
LE 177P 06									8.000	203.20	9.800	0.1750	16.631	422.43	AZJ	AZP
LE 177P 07									9.000	228.60	7.900	0.1410	19.706	500.53	AZK	AZQ
LE 177P 08									10.000	254.00	6.600	0.1180	22.815	579.50	AZL	AZR

## SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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# EXTENSION SPRINGS: STANDARD SERIES (INCH)

LOOPS AT RANDOM POSITION • Music Wire (Plated or Pretinned) or Stainless Steel (Passivated)

LEE STOCK NUMBER	OUTSIDE DIAMETER		WIRE DIAMETER		MAXIMUM LOAD		INITIAL TENSION		FREE LENGTH		SPRING RATE		MAXIMUM EXTENDED LENGTH		PRICE GROUP	
	IN.	MM	IN.	MM	LB.	KG	LB.	KG	IN.	MM	LB/IN.	KG/MM	IN.	MM	Music Wire	#302 Stainless
															M	S
LE 207P 01									5.500	139.70	52.500	0.9380	7.981	202.72	AZE	AZJ
LE 207P 02									6.000	152.40	41.100	0.7340	9.169	232.89	AZF	AZL
LE 207P 03									6.500	165.10	33.800	0.6040	10.353	262.97	AZG	AZM
LE 207P 04	2.000	50.80	.207	5.26	143.12	64.907	12.88	5.841	7.000	177.80	28.700	0.5130	11.538	293.07	AZH	AZO
LE 207P 05									7.500	190.50	24.900	0.4450	12.731	323.37	AZJ	AZP
LE 207P 06									8.000	203.20	22.000	0.3930	13.920	353.57	AZK	AZQ
LE 207P 07									9.000	228.60	17.900	0.3200	16.276	413.41	AZL	AZR
LE 207P 08									10.000	254.00	15.000	0.2680	18.683	474.55	AZM	AZS

EXTENSION SPRINGS



## SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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# SEARCH AND SHOP ONLINE... for Lee Stock Springs.

[www.leepring.com](http://www.leepring.com) offers a secure, simple, four-step eCommerce process to place orders for Lee Stock Springs using either a credit card or an open account. Orders can be processed from 10 up to 1000 pieces of each item and quickly shipped **FREE** via ground service. For rush orders you can select premium shipping services, such as FedEx Overnight. Shipping fees for these premium services can be charged to a credit card or added to your invoice.



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Lee Spring has designed four easy ways to find the parts you need. Take your pick...

- Shop by Part Number:** If you know the Lee Spring part number.
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**STEP 3** Review, Change and/or Save and Order.

**STEP 4** Check Out.

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