

EXTENSION SPRINGS: INSTRUMENT 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 M	#302 Stainless S
EI 007A 01	.063	1.60	.007	.18	.32	.145	.030	.014	0.250	6.35	1.000	.018	0.540	13.72	T	T
EI 007A 02									0.313	7.95	0.690	.012	0.733	18.62	T	T
EI 007A 03									0.375	9.53	0.530	.009	0.925	23.50	T	T
EI 007A 04									0.438	11.13	0.430	.008	1.108	28.14	T	T
EI 007A 05									0.500	12.70	0.360	.006	1.310	33.27	T	T
SEE NOTE ON PAGE 3 UNDER PLATING																
EI 008A 01	.063	1.60	.008	.20	.45	.204	.040	.018	0.250	6.35	2.000	.036	0.460	11.68	T	T
EI 008A 02									0.313	7.95	1.400	.025	0.603	15.32	T	T
EI 008A 03									0.375	9.53	1.100	.020	0.745	18.92	T	T
EI 008A 04									0.438	11.13	0.880	.016	0.908	23.06	T	T
EI 008A 05									0.500	12.70	0.740	.013	1.050	26.67	T	T
EI 008A 06	0.625	15.88	0.570	.010	1.345	34.16	T	T								
EI 008A 07	SEE NOTE ON PAGE 3 UNDER PLATING														T	T
EI 008A 08	0.750	19.05	0.460	.008	1.640	41.66	T	T								
	0.875	22.23	0.380	.007	1.955	49.66	T	T								
EI 009A 01	.063	1.60	.009	.23	.62	.281	.060	.027	0.250	6.35	3.700	.066	0.400	10.16	T	T
EI 009A 02									0.313	7.95	2.700	.048	0.523	13.28	T	T
EI 009A 03									0.375	9.53	2.100	.037	0.645	16.38	T	T
EI 009A 04									0.438	11.13	1.700	.030	0.768	19.51	T	T
EI 009A 05									0.500	12.70	1.400	.025	0.900	22.86	T	T
EI 009A 06	0.625	15.88	1.100	.020	1.135	28.83	T	T								
EI 009A 07	0.750	19.05	0.860	.015	1.400	35.56	T	T								
EI 009A 08	SEE NOTE ON PAGE 3 UNDER PLATING														T	T
	0.875	22.23	0.720	.013	1.655	42.04	T	T								
EI 011A 01	.063	1.60	.011	.28	1.14	.517	.100	.045	0.250	6.35	11.100	.198	0.344	8.74	T	U
EI 011A 02									0.313	7.95	7.900	.141	0.445	11.30	T	U
EI 011A 03									0.375	9.53	5.900	.105	0.551	14.00	T	U
EI 011A 04									0.438	11.13	4.800	.086	0.655	16.64	T	U
EI 011A 05									0.500	12.70	4.100	.073	0.754	19.15	T	U
EI 011A 06	0.625	15.88	3.200	.057	0.950	24.13	T	U								
EI 011A 07	SEE NOTE ON PAGE 3 UNDER PLATING														T	U
	0.750	19.05	2.500	.045	1.166	29.62	T	U								
EI 007AA 01	.078	1.98	.007	.18	.26	.117	.025	.011	0.250	6.35	0.611	.011	0.630	16.00	L	L
EI 007AA 02									0.313	7.95	0.394	.007	0.902	22.91	L	L
EI 007AA 03									0.375	9.53	0.292	.005	1.169	29.69	L	L
EI 007AA 04									0.438	11.13	0.231	.004	1.441	36.60	L	L
EI 007AA 05									0.500	12.70	0.192	.003	1.709	43.41	L	L
SEE NOTE ON PAGE 3 UNDER PLATING																
EI 008AA 01	.078	1.98	.008	.20	.39	.175	.035	.016	0.250	6.35	1.210	.022	0.540	13.72	L	L
EI 008AA 02									0.313	7.95	0.789	.014	0.759	19.28	L	L
EI 008AA 03									0.375	9.53	0.587	.010	0.973	24.71	L	L
EI 008AA 04									0.438	11.13	0.466	.008	1.192	30.28	L	L
EI 008AA 05									0.500	12.70	0.388	.007	1.407	35.74	L	L
EI 008AA 06	0.625	15.88	0.289	.005	1.840	46.74	L	L								
EI 008AA 07	SEE NOTE ON PAGE 3 UNDER PLATING														L	L
EI 008AA 08	0.750	19.05	0.231	.004	2.273	57.73	L	L								
	0.875	22.23	0.192	.003	2.706	68.73	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; 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: INSTRUMENT 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		
EI 009AA 01	.078	1.98	.009	.23	.56	.252	.050	.023	0.250	6.35	2.221	.040	0.477	12.12	L	L		
EI 009AA 02									0.313	7.95	1.459	.026	0.659	16.74	L	L		
EI 009AA 03									0.375	9.53	1.091	.019	0.838	21.29	L	L		
EI 009AA 04									0.438	11.13	0.869	.016	1.020	25.91	L	L		
EI 009AA 05									0.500	12.70	0.723	.013	1.198	30.43	L	L		
EI 009AA 06									0.625	15.88	0.541	.010	1.559	39.60	L	L		
EI 009AA 07									SEE NOTE ON PAGE 3 UNDER PLATING		0.750	19.05	0.432	.008	1.919	48.74	L	L
EI 009AA 08									SEE NOTE ON PAGE 3 UNDER PLATING		0.875	22.23	0.360	.006	2.280	57.91	L	L
EI 011AA 01	.078	1.98	.011	.28	1.03	.467	.090	.041	0.250	6.35	6.302	.113	0.399	10.13	L	L		
EI 011AA 02									0.313	7.95	4.209	.075	0.536	13.61	L	L		
EI 011AA 03									0.375	9.53	3.173	.057	0.671	17.04	L	L		
EI 011AA 04									0.438	11.13	2.538	.045	0.808	20.52	L	L		
EI 011AA 05									0.500	12.70	2.120	.038	0.943	23.95	L	L		
EI 011AA 06									0.625	15.88	1.592	.028	1.216	30.89	L	L		
EI 011AA 07									0.750	19.05	1.274	.023	1.488	37.80	L	L		
EI 011AA 08									SEE NOTE ON PAGE 3 UNDER PLATING		0.875	22.23	1.062	.019	1.760	44.70	L	L
EI 010B 01	.094	2.39	.010	.25	.60	.272	.050	.023	0.375	9.53	1.200	.021	0.835	21.21	L	L		
EI 010B 02									0.438	11.13	0.940	.017	1.028	26.11	L	L		
EI 010B 03									0.500	12.70	0.760	.014	1.220	30.99	L	L		
EI 010B 04									0.625	15.88	0.560	.010	1.605	40.77	L	L		
EI 010B 05									0.750	19.05	0.440	.008	2.000	50.80	L	L		
EI 010B 06									0.875	22.23	0.360	.006	2.405	61.09	L	L		
EI 010B 07									SEE NOTE ON PAGE 3 UNDER PLATING		1.000	25.40	0.310	.006	2.770	70.36	L	L
EI 011B 01									.094	2.39	.011	.28	.80	.362	.070	.032	0.375	9.53
EI 011B 02	0.438	11.13	1.530	.027	0.918	23.32	L	L										
EI 011B 03	0.500	12.70	1.260	.022	1.080	27.43	L	L										
EI 011B 04	0.625	15.88	0.930	.016	1.405	35.69	L	L										
EI 011B 05	0.750	19.05	0.730	.013	1.750	44.45	L	L										
EI 011B 06	0.875	22.23	0.600	.011	2.095	53.21	L	L										
EI 011B 07	SEE NOTE ON PAGE 3 UNDER PLATING		1.000	25.40	0.517	.009	2.400	60.96									L	L
EI 012B 01	.094	2.39	.012	.30	1.00	.453	.100	.045									0.375	9.53
EI 012B 02									0.438	11.13	2.400	.043	0.818	20.78	L	L		
EI 012B 03									0.500	12.70	2.000	.036	0.950	24.13	L	L		
EI 012B 04									0.625	15.88	1.500	.027	1.225	31.12	L	L		
EI 012B 05									0.750	19.05	1.200	.021	1.500	38.10	L	L		
EI 012B 06									0.875	22.23	0.960	.017	1.815	46.10	L	L		
EI 012B 07									SEE NOTE ON PAGE 3 UNDER PLATING		1.000	25.40	0.820	.015	2.100	53.34	L	L

EXTENSION SPRINGS

SPECIAL INSTRUCTIONS FOR EXTENSION SERIES

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EXTENSION SPRINGS: INSTRUMENT 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 M	#302 Stainless S
EI 013B 01	.094	2.39	.013	.33	1.25	.566	.130	.059	0.375	9.53	4.800	.086	0.605	15.37	L	L
EI 013B 02									0.438	11.13	3.700	.066	0.738	18.75	L	L
EI 013B 03									0.500	12.70	3.100	.055	0.860	21.84	L	L
EI 013B 04									0.625	15.88	2.260	.040	1.125	28.58	L	L
EI 013B 05									0.750	19.05	1.800	.032	1.370	34.80	L	L
EI 013B 06									0.875	22.23	1.500	.027	1.625	41.28	L	L
EI 013B 07									1.000	25.40	1.270	.023	1.880	47.75	L	L
SEE NOTE ON PAGE 3 UNDER PLATING																
EI 014B 01	.094	2.39	.014	.36	1.50	.679	.170	.077	0.375	9.53	7.100	.127	0.565	14.35	L	L
EI 014B 02									0.438	11.13	5.500	.098	0.678	17.22	L	L
EI 014B 03									0.500	12.70	4.600	.082	0.790	20.07	L	L
EI 014B 04									0.625	15.88	3.400	.061	1.015	25.78	L	L
EI 014B 05									0.750	19.05	2.700	.048	1.240	31.50	L	L
EI 014B 06									0.875	22.23	2.200	.039	1.475	37.47	L	L
EI 014B 07									1.000	25.40	1.900	.034	1.700	43.18	L	L
SEE NOTE ON PAGE 3 UNDER PLATING																
EI 016B 01	.094	2.39	.016	.41	2.26	1.025	.190	.086	0.375	9.53	14.200	.254	0.574	14.57	L	L
EI 016B 02									0.438	11.13	11.000	.196	0.626	15.90	L	L
EI 016B 03									0.500	12.70	9.200	.164	0.725	18.42	L	L
EI 016B 04									0.625	15.88	6.800	.121	0.929	23.60	L	L
EI 016B 05									0.750	19.05	5.300	.095	1.141	28.98	L	L
EI 016B 06									0.875	22.23	4.400	.079	1.345	34.16	L	L
EI 016B 07									1.000	25.40	3.700	.066	1.559	39.60	L	L
SEE NOTE ON PAGE 3 UNDER PLATING																
EI 010C 01	.109	2.77	.010	.25	.53	.238	.050	.023	0.375	9.53	0.821	.015	0.955	24.26	L	L
EI 010C 02									0.438	11.13	0.613	.011	1.214	30.84	L	L
EI 010C 03									0.500	12.70	0.491	.009	1.468	37.29	L	L
EI 010C 04									0.625	15.88	0.350	.006	1.982	50.34	L	L
EI 010C 05									0.750	19.05	0.272	.005	2.496	63.40	L	L
EI 010C 06									0.875	22.23	0.223	.004	3.010	76.45	L	L
EI 010C 07									1.000	25.40	0.188	.003	3.524	89.51	L	L
SEE NOTE ON PAGE 3 UNDER PLATING																
EI 011C 01	.109	2.77	.011	.28	.70	.319	.065	.029	0.375	9.53	1.341	.024	0.851	21.62	L	L
EI 011C 02									0.438	11.13	1.006	.018	1.072	27.23	L	L
EI 011C 03									0.500	12.70	0.807	.014	1.290	32.77	L	L
EI 011C 04									0.625	15.88	0.578	.010	1.729	43.92	L	L
EI 011C 05									0.750	19.05	0.450	.008	2.169	55.09	L	L
EI 011C 06									0.875	22.23	0.368	.007	2.608	66.24	L	L
EI 011C 07									1.000	25.40	0.312	.006	3.047	77.39	L	L
SEE NOTE ON PAGE 3 UNDER PLATING																
EI 012C 01	.109	2.77	.012	.30	.91	.415	.085	.039	0.375	9.53	2.103	.038	0.770	19.56	L	L
EI 012C 02									0.438	11.13	1.584	.028	0.962	24.43	L	L
EI 012C 03									0.500	12.70	1.274	.023	1.151	29.24	L	L
EI 012C 04									0.625	15.88	0.914	.016	1.533	38.94	L	L
EI 012C 05									0.750	19.05	0.713	.013	1.914	48.62	L	L
EI 012C 06									0.875	22.23	0.584	.010	2.296	58.32	L	L
EI 012C 07									1.000	25.40	0.495	.009	2.677	68.00	L	L
SEE NOTE ON PAGE 3 UNDER PLATING																

EXTENSION SPRINGS



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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
EI 013C 01	.109	2.77	.013	.33	1.17	.529	.105	.048	0.375	9.53	3.187	.057	0.708	17.98	L	L
EI 013C 02									0.438	11.13	2.409	.043	0.878	22.30	L	L
EI 013C 03									0.500	12.70	1.943	.035	1.046	26.57	L	L
EI 013C 04									0.625	15.88	1.397	.025	1.384	35.15	L	L
EI 013C 05									0.750	19.05	1.091	.019	1.722	43.74	L	L
EI 013C 06									0.875	22.23	0.895	.016	2.060	52.32	L	L
EI 013C 07									1.000	25.40	0.759	.014	2.398	60.91	L	L
SEE NOTE ON PAGE 3 UNDER PLATING																
EI 014C 01	.109	2.77	.014	.36	1.46	.664	.130	.059	0.375	9.53	4.690	.084	0.659	16.74	L	L
EI 014C 02									0.438	11.13	3.559	.064	0.813	20.65	L	L
EI 014C 03									0.500	12.70	2.877	.051	0.963	24.46	L	L
EI 014C 04									0.625	15.88	2.074	.037	1.268	32.21	L	L
EI 014C 05									0.750	19.05	1.622	.029	1.572	39.93	L	L
EI 014C 06									0.875	22.23	1.332	.024	1.876	47.65	L	L
EI 014C 07									1.000	25.40	1.130	.020	2.180	55.37	L	L
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