

BATTERY SPRINGS

Guide to using tables

OD Base
outside diameter at the base of the spring.

ID Top
outside diameter at the top of the spring.

Free Length
length of the spring in the unloaded position, measured from inside the end loops.

Wire Diameter
in ascending order of size.

Lee Stock Number
ordering reference.

Battery Size
size of battery the springs have been designed to work with.

ID Eyelet
inside diameter at the top of the spring.

Price Group
reference to the price list.

Centre to Centre Length
distance between the centres of double mount battery springs.

Installed Height
the length to which the spring will be compressed when assembled.

Approximate Load
the load or force required to reach the installed height.

Interior Mount Battery Springs

LEE STOCK NUMBER	BATTERY SIZE	WIRE DIAMETER		OD BASE		ID TOP		FREE LENGTH		ID EYELET		APPROX LOAD		INSTALLED HEIGHT		CENTRE TO CENTRE LENGTH		PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N	LB	MM	IN	MM	IN	
LB 024A 01 AA	AA	0.61	0.024	9.91	0.390	5.59	0.220	11.18	0.440	2.79	0.110	7.79	1.750	3.61	0.142	N/A	N/A	P
LB 024B 01 AAA	AAA	0.61	0.024	9.14	0.360	4.06	0.160	9.02	0.355	2.79	0.110	6.67	1.500	4.95	0.195	N/A	N/A	P
LB 032A 01 C	C	0.81	0.032	13.72	0.540	8.38	0.330	13.21	0.520	4.45	0.175	4.45	1.000	8.64	0.340	N/A	N/A	P
LB 036A 01 D	D	0.91	0.036	16.76	0.660	9.14	0.360	18.29	0.720	4.45	0.175	13.35	3.000	4.45	0.175	N/A	N/A	P

Exterior Mount Battery Springs

LEE STOCK NUMBER	BATTERY SIZE	WIRE DIAMETER		OD BASE		ID TOP		FREE LENGTH		ID EYELET		APPROX LOAD		INSTALLED HEIGHT		CENTRE TO CENTRE LENGTH		PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N	LB	MM	IN	MM	IN	
LB 024B 01 AA	AA	0.61	0.024	9.91	0.390	5.59	0.220	11.18	0.440	2.79	0.110	7.79	1.750	3.61	0.142	13.81	0.545	P
LB 024B 01 AAA	AAA	0.61	0.024	9.14	0.360	4.06	0.160	9.02	0.355	2.79	0.110	6.67	1.500	4.95	0.195	12.14	0.478	P
LB 032B 01 C	C	0.81	0.032	13.72	0.540	8.38	0.330	13.21	0.520	4.45	0.175	4.45	1.000	8.64	0.340	24.99	0.984	P
LB 036B 01 D	D	0.91	0.036	16.76	0.660	9.14	0.360	18.29	0.720	4.45	0.175	13.35	3.000	4.45	0.175	30.94	0.918	P

Adaptable Mount Battery Springs

LEE STOCK NUMBER	BATTERY SIZE	WIRE DIAMETER		OD BASE		ID TOP		FREE LENGTH		ID EYELET		APPROX LOAD		INSTALLED HEIGHT		CENTRE TO CENTRE LENGTH		PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N	LB	MM	IN	MM	IN	
LB 024C 01 AA	AA	0.61	0.024	9.91	0.390	5.59	0.220	11.18	0.440	N/A	N/A	7.79	1.750	3.61	0.142	76.20	3.000	N
LB 024C 01 AAA	AAA	0.61	0.024	9.14	0.360	4.06	0.160	9.02	0.355	N/A	N/A	6.67	1.500	4.95	0.195	76.20	3.000	N
LB 032C 01 C	C	0.81	0.032	13.72	0.540	8.38	0.330	13.21	0.520	N/A	N/A	4.45	1.000	8.64	0.340	76.20	3.000	N
LB 036C 01 D	D	0.91	0.036	16.76	0.660	9.14	0.360	18.29	0.720	N/A	N/A	13.35	3.000	4.45	0.175	76.20	3.000	N

Double Mount Battery Springs

LEE STOCK NUMBER	BATTERY SIZE	WIRE DIAMETER		OD BASE		ID TOP		FREE LENGTH		ID EYELET		APPROX LOAD		INSTALLED HEIGHT		CENTRE TO CENTRE LENGTH		PRICE GROUP
		MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	N	LB	MM	IN	MM	IN	
LB 024D 01 AA	AA	0.61	0.024	9.91	0.390	5.59	0.220	11.18	0.440	N/A	N/A	7.79	1.750	3.61	0.142	15.75	0.620	T
LB 024D 01 AAA	AAA	0.61	0.024	9.14	0.360	4.06	0.160	9.02	0.355	N/A	N/A	6.67	1.500	4.95	0.195	11.84	0.466	T
LB 032D 01 C	C	0.81	0.032	13.72	0.540	8.38	0.330	13.21	0.520	N/A	N/A	4.45	1.000	8.64	0.340	27.18	1.070	T
LB 036D 01 D	D	0.91	0.036	16.76	0.660	9.14	0.360	18.29	0.720	N/A	N/A	13.35	3.000	4.45	0.175	34.04	1.340	T

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ADDITIONAL INFORMATION

- Four mounting configurations are offered – interior, exterior, adjustable and double - all of which have been developed to work with the four most popular battery sizes: AA, AAA, C and D. Custom designs are also possible.
- Battery springs are produced in nickel coated music wire for several reasons. Most alkaline batteries use nickel plated containers and so nickel coatings on contact surfaces are generally preferred. The use of similar materials also removes the possibility of galvanic corrosion and enhances resistance to wear. Additionally, nickel helps to break down the oxide that can form on battery contact surfaces, it offers excellent corrosion resistance and is an excellent conductor of electricity.