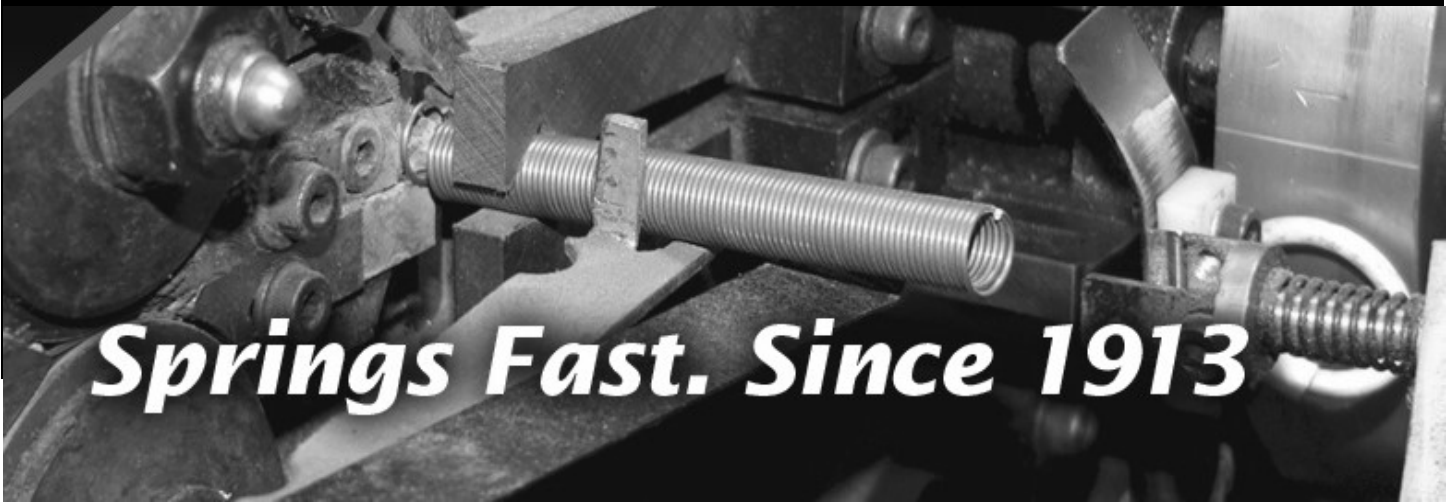




[www.springsfast.com](http://www.springsfast.com)



***Springs Fast. Since 1913***

140 South Street

Wilder, KY 41071

P: (859)581-7600

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E: [sales@springsfast.com](mailto:sales@springsfast.com)

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[www.springsfast.com](http://www.springsfast.com)



All prices are for immediate acceptance and may be affected by conditions beyond our control. All goods are FOB our plant in Wilder, Kentucky with payment terms of net 30 days. We do not assume any responsibility for plating since this is not done in our plant. Block tolerances on prints do not apply as all tolerances are to Spring Manufacturers Institute specifications. The quantities for custom made springs can vary +/- 10%.

We have a \$10 handling fee for direct shipments and for carriers other than UPS or LTL truck line.

## W.B. JONES 100 YEAR HISTORY

**M**r. Jones established the W.B. Jones Spring Company in 1913. He focused on supplying stock springs to hardware stores throughout the United States and Canada. The handmade wood-cabinet spring assortments were the most popular products. These cabinets can still be found in antique stores across the USA.

The company sent out quarterly mailings to about 7000 of its customers. These mailings consisted of witty poems about the current conditions and events in the USA. These poems, written by the secretary, Anna George, are an unique part of our history. Check our online blog for postings of these poems.

Mr. Jones passed away in 1955. Having no close relatives, he bequeathed the company to Anna George; Marie Witte, the bookkeeper; and Marie's two sons, Bill and Bob.

Bob, a graduate of chemical engineering from the University of Cincinnati, decided to join the company. In 1962, he became the first president of the corporation. Bob is still active in the daily activities of the business. Bill worked from 1972 until his retirement in 1987.

In 1974, Bob's son, Mike started working during the summers while attending the University of Cincinnati. It wasn't long before he decided to pursue a career in his father's footsteps. He currently resides as the company's president. Bob's son in law, Dirc Lindeman, joined the family team in 1989 as vice president.

## W.B. JONES TODAY

### W.B. JONES SPRING IS COMMITED TO PROVIDE....

- 100 years of experience.
- Personal assistance.
- Quality products tailored to your needs.
- A wide range of stock springs off the shelf.
- Online ordering.
- Quotes and answers the same day.
- Shipping within 3 to 10 business days for most custom orders.
- Products manufactured in the USA.



## WE SUPPLY

### STOCK SPRINGS

We stock compression, extension, and torsion springs to control costs and shorten delivery time. This catalog contains all the springs we keep on the shelf and generally ship in 1 day. Visit our website to order online!

### CUSTOM SPRINGS

When a stock item doesn't meet your needs, we can manufacture a custom made spring. Specialists will assist with the design, if required. We manufacture compression, extension, and torsion springs as well as wire forms. Quantities 100 and less usually ship in 5 working days, while larger orders take 2 weeks to complete.

### ASSORTMENTS

We have one of the largest selections of assortments in the industry. Our catalog contains a complete description to help you decide which best fits your needs. In addition, you can order each assortment on our website.

## CUSTOM MADE SPRINGS OPTIONS

**TYPES** Compression spring, extension springs, torsion springs, and wire forms

**WIRE RANGES** .008" to .500"

**DELIVERY** Ships in approximately 5 business days on 100 pieces and less with wire sizes .500" and less  
 Ships in approximately 2 weeks on over 100 pieces and less with wire sizes .500" and less  
 Ships in approximately 4 weeks on all other

**MATERIALS** Music Wire: a high carbon steel for high stress applications  
Hard Drawn MB: a carbon steel for low stresses and low costs  
Oil Tempered: a carbon steel for wire forms, torsion springs, and larger wire sizes  
Stainless Steel: types 302 and 316 for high temperatures and corrosion resistance  
Chrome Vanadium: an alloy wire for larger wire sizes in high stresses  
Phosphor Bronze: for electrical applications  
Brass: for applications requiring water resistance  
Others: available on an as needed basis

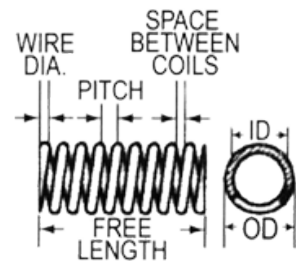
**FINISHES** Zinc plate, black oxide, shot peen, passivate, as well as many others required

**NEW DESIGNS AND CHANGES TO EXISTING DESIGNS** We suggest you call and talk to one of our design specialists. There are many questions that need to be answered to supply you with a spring that works and is cost effective. Our designers are trained to help you navigate through these questions.

**FOR EXISTING DESIGNS** It is best to fax or email a current print or to send in a sample. However, if that is not an option, fill out one of the following forms using the criteria above. Please be sure to take measurements with a good pair of dial calipers. Accurate info in, accurate springs out.

## COMPRESSION SPRINGS

- 1) Type of material \_\_\_\_\_
- 2) Wire diameter \_\_\_\_\_  
(should be thousands of an inch and not a gauge number)
- 3) Outside diameter \_\_\_\_\_ or Inside diameter \_\_\_\_\_  
(**only** fill in one of these as the other can be calculated)
- 4) Free length \_\_\_\_\_
- 5) Total coils \_\_\_\_\_ or Pitch \_\_\_\_\_ or Space between the coils \_\_\_\_\_



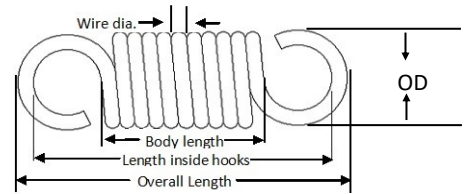
- 6) Type of ends Closed not ground **or** Closed and ground **or** Open not ground **or** Open and ground  
(**only** circle one)



Other information that \_\_\_\_\_ is not required but helpful if \_\_\_\_\_ known are the size of the hole it fits into \_\_\_\_\_, the size of the rod it fits over \_\_\_\_\_, the maximum temperature \_\_\_\_\_, the maximum required deflection \_\_\_\_\_, and the finish \_\_\_\_\_.

### EXTENSION SPRINGS

- 1) Type of material \_\_\_\_\_
- 2) Wire diameter \_\_\_\_\_  
(should be thousands of an inch and not a gauge number)
- 3) Outside diameter \_\_\_\_\_ or Inside diameter \_\_\_\_\_  
(only fill in one of these as the other can be calculated)
- 4) Body length \_\_\_\_\_ or Number of coils \_\_\_\_\_  
(only fill in one of these as the other can be calculated)
- 5) Overall length \_\_\_\_\_ or Length inside the hooks \_\_\_\_\_



- 6) Ends style Crossover or Machine or Side or Special (supply print)  
(only circle one)



- 7) End type Hook (specify gap \_\_\_\_\_) or Single loop (no gap) or Double loop (no gap)  
(only circle one)

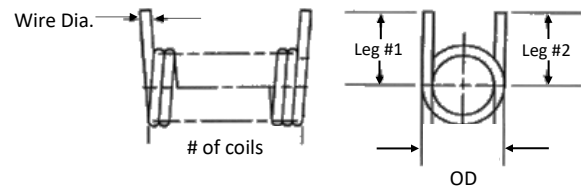


- 8) Relationship of \_\_\_\_\_ ends  
Random (least expensive) or inline or opposite or 90 degrees or other  
(only circle one)

Other information that is not required but helpful if known are the finish \_\_\_\_\_, the maximum required deflection \_\_\_\_\_, and the maximum temperature \_\_\_\_\_.

### TORSION SPRINGS

- 1) Type of material \_\_\_\_\_
- 2) Wire diameter \_\_\_\_\_  
(should be thousands of an inch and not a gauge number)
- 3) Outside diameter \_\_\_\_\_ or Inside diameter \_\_\_\_\_  
(only fill in one of these as the other can be calculated)
- 4) Relationship of legs 90 degrees or 180 degrees or 270 degrees or 360 degrees or other (supply print)  
(only circle one)



- 5) Number of coils \_\_\_\_\_
- 6) Length of leg #1 \_\_\_\_\_ and Length of leg #2 \_\_\_\_\_  
(fill in both)
- 7) Direction of wind Right hand (counter-clock wise) or Left hand (clockwise)



Other information the is not required but helpful if known are the size of the rod it fits over \_\_\_\_\_, the maximum temperature \_\_\_\_\_, the maximum required rotation \_\_\_\_\_, and the finish \_\_\_\_\_.

- 4) Type of ends Closed not ground or Closed and ground or Open not ground or Open and ground



## ASSORTMENTS

We supply a wide range of spring assortments to meet our customers' unique needs. Each is filled with a variety of our stock springs that can be reordered on an as need basis. The package types vary depending on the sizes of springs included, but all are clearly labeled to help identify the stock part numbers.

Our largest assortment, the #1 assortment, comes with 2 5-drawer plastic cabinets to store the 840 springs included. A list of the part numbers included in each assortments can be found online at <http://www.springsfast.com/assortments.php>. Please call if you would additional information.

### COMPRESSION AND EXTENSION SPRING ASSORTMENTS

Asst. #	# of Springs	# of Compression	# of Extension	# of Sizes	Outside Dia.	Free Length	Wires Dia.	Package Type	Package Dia. (w x d x h)	Package weight
101	840	457	383	216	.140 - 1.250	.750 - 7.500	.012 - .162	2 PLASTIC CABINET	15.5 x 16 x 14.5	62.0
105	401	229	172	70	.218 - .750	1.000 - 6.500	.023 - .105	PLASTIC CABINET	15.5 x 16 x 14.5	28.0
110	254	128	126	92	.141 - .343	1.000 - 2.500	.016 - .041	PLASTIC TRAY	13.5 x 2.6 x 9.5	2.6
200	200	80	120	20	.156 - .375	.406 - 3.125	.018 - .031	PLASTIC TRAY	11 x 1.8 x 6.8	1.7

### COMPRESSION ONLY SPRING ASSORTMENTS

Asst. #	# of Springs	# of Sizes	Outside Dia.	Free Length	Wires Dia.	Package Type	Package Dia. (w x d x h)	Package weight
3C	126	42	.156 - .375	1.00 - 1.75	.012 - .041	PLASTIC TRAY	11 x 1.8 x 6.8	1.3
6C	47	47	.120 - 1.468	11.000	.025 - .115	CARDBOARD BOX	12 x 5.5 x 9.3	5.2
111	164	19	.250 - .437	1.000 - 2.500	.023 - .062	PLASTIC TRAY	13.5 x 2.6 x 9.5	2.5
112	65	16	.500 - .750	1.250 - 4.000	.047 - .105	PLASTIC TRAY	13.5 x 2.6 x 9.5	3.7
113	52	15	.375 - 1.250	.750 - 4.000	.047 - .162	PLASTIC TRAY	13.5 x 2.6 x 9.5	4.3
114	48	17	.625 - 1.250	2.000 - 3.000	.080 - .162	PLASTIC TRAY	13.5 x 2.6 x 9.5	5.2

### EXTENSION ONLY SPRING ASSORTMENTS

Asst. #	# of Springs	# of Sizes	Outside Dia.	Free Length	Wires Dia.	Package Type	Package Dia. (w x d x h)	Package weight
3E	126	54	.141 - .343	1.50 - 2.50	.015 - .028	PLASTIC TRAY	11 x 1.8 x 6.8	1.7
6E	58	58	.125 - 1.000	11.000	.013 - .105	CARDBOARD BOX	11.8 x 3 x 9.3	8.4
17	150	18	.150 - .375	1.000 - 4.000	.016 - .047	PLASTIC TRAY	13.5 x 2.6 x 9.5	3.1
72	72	12	.205 - .750	1.625 - 10.250	.023 - .080	PLASTIC TRAY	13.5 x 2.6 x 9.5	4.0
40k42	28	28	0.25 - 1.00	11.000	.013 - .105	CARDBOARD BOX	13.5 x 2.6 x 9.5	5.6
115	76	13	.218 - .343	2.312 - 6.000	.025 - .041	PLASTIC TRAY	13.5 x 2.6 x 9.5	3.0
116	61	12	.218 - .812	1.125 - 6.000	.023 - .120	PLASTIC TRAY	13.5 x 2.6 x 9.5	4.8
117	52	11	.343 - .468	2.750 - 6.000	.028 - .047	PLASTIC TRAY	13.5 x 2.6 x 9.5	3.0
118	44	12	.500 - .750	1.187 - 6.500	.047 - .105	PLASTIC TRAY	13.5 x 2.6 x 9.5	5.0
119	24	9	.688 - 1.125	2.437 - 7.500	.072 - .105	PLASTIC TRAY	13.5 x 2.6 x 9.5	6.0



## COMPRESSION SPRINGS

Pages 7-8: **Original Line** – a wide range of high carbon steel springs that meet **small budgets**.

Pages 9-24: **“C” Series** - perfect for the **initial testing** of loads while keeping the OD and overall length consistent.

Page 25-27: **Stainless Steel** – **corrosion resistant** springs made from type 302/304 stainless steel.

Page 28: **Cut to Length** - 11” or 20” long springs that can be **cut to length**.

Page 29: **Conical Springs**– cone shaped springs.

Page 29-32: **Heavy Duty/DIE Springs** – springs made with large round wire, square wire or rectangular wire that withstand **heavier loads**.

### COMPRESSION SPRINGS - W.B. JONES ORIGINAL LINE

Outer Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils	E*	M*	F*
0.125	0.016	0.250	181	18.90	1.99	5.8	C	MW	Z
0.125	0.016	0.375	182	11.00	1.99	8.6	C	MW	Z
0.125	0.016	0.500	183	8.10	1.99	11.0	C	MW	Z
0.125	0.016	0.750	184	6.10	1.99	13.9	C	MW	Z
0.125	0.022	1.000	185	15.80	4.77	21.5	C	MW	Z
0.156	0.016	1.000	157-A	2.45	1.40	16.0	C	MW	N
0.156	0.016	1.375	157-B	1.72	1.40	22.0	C	MW	N
0.156	0.016	1.750	157-C	1.43	1.40	26.0	C	MW	N
0.156	0.028	1.000	158-A	30.09	6.70	16.0	C	MW	N
0.156	0.028	1.375	158-B	21.07	6.70	22.0	C	MW	N
0.156	0.028	1.750	158-C	16.20	6.70	28.0	C	MW	N
0.187	0.012	0.937	288	0.29	0.20	21.2	C	MW	N
0.187	0.012	1.000	152-A	0.46	0.32	14.0	C	MW	N
0.187	0.012	1.375	152-B	0.33	0.31	19.0	C	MW	N
0.187	0.012	1.750	152-C	0.29	0.36	21.0	C	MW	N
0.187	0.014	1.000	153-A	0.76	0.49	16.0	C	MW	N
0.187	0.014	1.375	153-B	0.56	0.49	21.0	C	MW	N
0.187	0.014	1.750	153-C	0.43	0.49	27.0	C	MW	N
0.187	0.020	1.000	154-A	3.53	1.97	16.0	C	MW	N
0.187	0.020	1.375	154-B	2.47	1.92	22.0	C	MW	N
0.187	0.020	1.750	154-C	2.15	2.24	25.0	C	MW	N
0.187	0.023	1.000	155-A	8.29	3.33	13.0	C	MW	N
0.187	0.023	1.375	155-B	5.36	3.33	19.0	C	MW	N
0.187	0.023	1.750	155-C	3.65	3.33	27.0	C	MW	N
0.187	0.028	1.000	156-A	16.91	5.72	15.0	C	MW	N
0.187	0.028	1.375	156-B	9.99	5.72	24.0	C	MW	N
0.187	0.028	1.750	156-C	8.79	5.72	27.0	C	MW	N
0.187	0.029	0.500	186	43.5	7.12	7.9	G	MW	Z
0.187	0.029	0.750	187	28.1	7.12	11.2	G	MW	Z
0.218	0.016	1.000	159-A	1.04	0.69	13.0	C	MW	N
0.218	0.016	1.375	159-B	0.76	0.69	17.0	C	MW	N
0.218	0.016	1.750	159-C	0.60	0.69	21.0	C	MW	N
0.218	0.018	0.687	230	2.050	0.89	13.0	C	MW	Z
0.218	0.018	1.000	160-A	1.71	1.09	13.0	C	MW	N

Outer Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils	E*	M*	F*
0.218	0.018	1.375	160-B	1.18	1.04	18.0	C	MW	N
0.218	0.018	1.750	160-C	0.79	0.84	26.0	C	MW	N
0.218	0.020	1.500	231	1.150	0.60	23.5	C	MW	Z
0.218	0.023	1.000	161-A	4.93	2.84	13.0	C	MW	N
0.218	0.023	1.375	161-B	3.62	2.88	17.0	C	MW	N
0.218	0.023	1.750	161-C	2.86	2.88	21.0	C	MW	N
0.218	0.028	1.000	162-A	10.73	4.98	14.0	C	MW	N
0.218	0.028	1.375	162-B	7.58	4.98	19.0	C	MW	N
0.218	0.028	1.750	162-C	6.13	4.98	23.0	C	MW	N
0.250	0.020	0.250	188	13.20	1.92	3.4	C	MW	Z
0.250	0.020	0.406	236	4.970	1.34	5.8	C	MW	Z
0.250	0.020	1.000	151-A	1.72	1.05	13.0	C	MW	N
0.250	0.020	1.375	151-B	1.26	1.09	17.0	C	MW	N
0.250	0.020	1.750	151-C	0.90	0.97	23.0	C	MW	N
0.250	0.023	1.250	7	2.87	2.24	14.0	C	MW	Z
0.250	0.026	0.500	189	16.30	4.07	5.6	G	MW	Z
0.250	0.026	0.750	190	11.50	4.07	7.1	G	MW	Z
0.250	0.026	1.250	191	5.70	4.07	12.3	G	MW	Z
0.250	0.026	1.500	192	4.80	4.07	14.2	G	MW	Z
0.250	0.028	2.500	117	2.88	4.00	30.0	C	MW	Z
0.250	0.035	2.500	118	6.78	5.75	34.0	C	MB	Z
0.281	0.026	0.500	237	5.650	0.99	9.0	C	MW	Z
0.281	0.026	0.750	232	6.890	1.81	7.8	C	MW	Z
0.281	0.028	1.375	4	4.36	3.49	14.5	C	MW	Z
0.281	0.039	1.250	289	17.50	11.36	15.4	C	MW	N
0.312	0.023	1.500	3	1.11	1.03	17.0	C	MW	Z
0.312	0.026	1.000	194	4.00	3.07	9.0	G	MW	Z
0.312	0.031	1.375	113	5.98	4.73	12.0	C	MW	Z
0.312	0.035	1.500	6	7.81	4.69	15.0	C	MB	Z
0.312	0.041	1.250	2	19.44	7.26	12.5	C	MB	Z
0.312	0.041	1.625	116	15.70	7.26	15.0	C	MB	Z
0.312	0.047	2.000	9	22.17	10.55	19.0	C	MB	Z
0.343	0.041	1.000	1	18.43	6.65	10.0	C	MB	Z
0.343	0.047	1.500	5	22.54	9.69	14.0	C	MB	Z

**E\* TYPE OF ENDS**  
 C = Closed not ground  
 G = Closed and ground

**M\* TYPE OF MATERIAL**  
 M = Music wire  
 MB = Hard drawn

**F\* TYPE OF FINISH**  
 N = No finish  
 Z = Zinc



COMPRESSION SPRINGS - W.B. JONES ORIGINAL LINE

Outer Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils	E*	M*	F*
0.359	0.031	1.375	235	3.270	2.82	15.5	C	MW	Z
0.375	0.025	1.500	111	1.09	1.04	14.0	C	MW	Z
0.375	0.026	0.625	233	3.860	0.84	6.0	C	MW	Z
0.375	0.028	1.500	30	2.01	1.92	12.5	C	MW	Z
0.375	0.031	0.750	234	9.310	2.44	5.5	C	MW	Z
0.375	0.035	0.500	195	16.10	5.00	5.4	G	MW	Z
0.375	0.035	0.750	196	8.90	4.13	8.2	G	MW	Z
0.375	0.035	1.000	197	8.20	5.71	8.7	G	MW	Z
0.375	0.041	1.750	114	9.08	6.12	14.0	C	MB	Z
0.375	0.047	2.000	17	12.42	8.93	18.0	C	MB	Z
0.375	0.062	2.250	14	40.75	19.02	19.0	C	MB	Z
0.406	0.047	2.000	115	10.11	8.29	17.0	C	MB	Z
0.406	0.047	2.750	22	7.58	8.29	22.0	C	MB	Z
0.406	0.062	1.750	8	47.44	17.73	13.0	C	MB	Z
0.437	0.035	1.875	112	3.02	3.41	13.0	C	MB	Z
0.437	0.041	2.250	13	3.54	4.11	20.5	C	MB	Z
0.437	0.054	2.000	16	15.54	11.36	16.0	C	MB	Z
0.468	0.054	2.500	12	9.84	10.66	19.5	C	MB	Z
0.500	0.041	1.000	198	9.90	7.37	6.2	G	MW	Z
0.500	0.047	2.000	15	6.29	6.82	14.0	C	MB	Z
0.500	0.047	3.000	10	3.77	6.15	22.0	C	MB	Z
0.500	0.054	2.500	324	8.61	10.02	18.0	C	MB	N
0.500	0.062	0.500	199	104.80	23.73	4.4	G	MW	Z
0.500	0.062	0.750	275	62.40	23.39	6.1	G	MW	Z
0.500	0.062	1.000	276	44.60	23.40	7.7	G	MW	Z
0.500	0.062	1.250	277	34.70	23.40	9.3	G	MW	Z
0.500	0.062	1.500	278	28.40	23.41	10.9	G	MW	Z
0.500	0.062	2.500	24	18.06	14.68	16.0	C	MB	Z
0.500	0.072	2.750	11	28.98	22.10	19.0	C	MB	Z
0.500	0.080	3.000	323	46.75	29.42	19.0	C	MB	Z
0.563	0.072	1.375	29	54.39	19.84	8.0	C	MB	Z
0.563	0.080	3.000	325	34.84	26.46	17.0	C	MB	Z
0.563	0.091	1.500	279	110.10	59.80	10.5	G	MW	Z
0.563	0.091	3.000	326	62.50	37.53	17.0	G	MB	Z
0.593	0.054	3.000	20	4.59	7.49	19.0	C	MB	Z
0.625	0.054	2.750	21	5.05	8.11	15.0	C	MB	Z
0.625	0.080	2.500	23	27.98	24.06	15.0	C	MB	Z
0.625	0.080	3.000	19	25.98	24.06	16.0	C	MB	Z
0.625	0.091	3.500	327	38.08	34.20	19.0	G	MB	Z
0.625	0.105	2.375	47	130.81	50.35	11.5	G	MB	Z
0.625	0.120	1.000	280	516.70	114.95	6.5	G	MW	Z
0.625	0.120	1.250	281	388.80	114.95	8.0	G	MW	Z
0.625	0.120	1.500	282	311.70	115.00	9.4	G	MW	Z
0.625	0.120	2.750	51	165.32	71.87	16.0	G	MB	Z
0.688	0.047	3.000	18	1.90	3.56	16.0	C	MB	Z
0.688	0.091	1.250	28	102.95	31.34	6.5	C	MB	Z
0.688	0.105	4.000	35	48.99	46.26	20.0	G	MB	Z

Outer Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils	E*	M*	F*
0.718	0.041	3.500	313	1.09	2.68	14.0	C	MB	N
0.750	0.080	2.000	66	19.58	15.97	12.0	C	MB	Z
0.750	0.091	3.125	44	29.95	28.95	13.5	G	MB	Z
0.750	0.091	3.500	40	24.60	28.95	16.0	G	MB	Z
0.750	0.105	2.500	48	63.22	42.81	12.3	G	MB	Z
0.750	0.135	1.000	283	564.60	135.05	5.6	G	MW	Z
0.750	0.135	1.250	284	420.50	134.98	6.9	G	MW	Z
0.750	0.135	1.500	285	335.10	135.06	8.1	G	MW	Z
0.750	0.135	2.500	50	205.27	84.24	12.0	G	MB	Z
0.750	0.135	3.500	41	157.90	84.24	15.0	G	MB	Z
0.781	0.120	1.625	64	172.02	59.29	8.0	G	MB	Z
0.812	0.105	2.250	69	59.57	39.81	10.3	G	MB	Z
0.812	0.120	1.875	65	138.39	57.26	8.5	G	MB	Z
0.812	0.120	2.250	70	112.44	57.26	10.0	G	MB	Z
0.812	0.135	3.750	37	118.37	78.66	15.0	G	MB	Z
0.812	0.162	1.375	63	901.30	127.60	6.0	G	MB	Z
0.875	0.091	0.875	26	88.94	25.07	4.3	C	MB	Z
0.875	0.091	1.000	286	71.60	39.95	4.9	G	MW	Z
0.875	0.091	1.500	287	44.50	40.04	6.6	G	MW	Z
0.875	0.091	3.000	55	18.60	25.07	13.0	G	MB	Z
0.875	0.105	3.000	56	38.27	37.16	12.0	G	MB	Z
0.875	0.120	2.000	68	110.82	53.51	8.3	G	MB	Z
0.875	0.135	2.500	49	124.03	73.64	11.5	G	MB	Z
0.875	0.148	2.750	52	199.44	94.28	11.0	G	MB	Z
0.906	0.105	2.750	53	37.78	35.98	11.0	G	MB	Z
0.938	0.080	2.000	67	15.54	16.42	8.0	C	MB	Z
0.938	0.148	4.000	36	107.60	88.70	15.0	G	MB	Z
0.938	0.207	3.250	42	726.53	215.00	11.3	G	MB	N
1.000	0.120	2.500	71	54.68	47.34	10.0	G	MB	Z
1.000	0.120	3.000	57	46.04	47.34	11.5	G	MB	Z
1.000	0.120	3.500	39	39.76	47.34	13.0	G	MB	Z
1.000	0.125	1.000	27	261.94	52.93	4.0	G	MB	N
1.000	0.162	3.500	38	152.95	106.88	13.0	G	MB	Z
1.125	0.192	3.000	59	300.66	151.90	10.0	G	MB	N
1.188	0.225	3.250	43	550.04	220.88	9.5	G	MB	N
1.250	0.148	3.000	58	73.62	68.32	9.0	G	MB	Z
1.250	0.148	4.000	34	57.26	68.32	11.0	G	MB	Z
1.250	0.177	2.500	72	190.35	111.18	8.0	G	MB	N
1.250	0.192	3.000	60	235.64	138.46	9.0	G	MB	N
1.250	0.225	4.000	33	360.12	211.44	11.5	G	MB	N
1.375	0.135	2.500	73	41.74	48.54	8.0	G	MB	N
1.375	0.177	2.750	54	126.25	101.92	8.5	G	MB	N
1.500	0.135	2.500	74	31.29	37.77	8.0	G	MB	N
1.500	0.135	4.000	32	23.47	44.69	10.0	G	MB	N
1.750	0.162	4.000	31	41.21	63.80	8.0	C	MB	N

**E\* TYPE OF ENDS**  
 C = Closed not ground  
 G = Closed and ground

**M\* TYPE OF ENDS**  
 M = Music wire  
 H = Hard drawn

**F\* TYPE OF ENDS**  
 N = No finish  
 Z = Zinc







**COMPRESSION SPRINGS - "C" Series**

Part #	Length	Rate	Load	Coils
<b>OD .120 WIRE .024</b>				
C04-024-008	0.250	107.40	5.50	7.0
C04-024-010	0.313	82.25	5.50	8.6
C04-024-012	0.375	65.00	5.50	10.3
C04-024-014	0.438	55.30	5.50	11.7
C04-024-016	0.500	47.85	5.50	13.3
C04-024-018	0.563	42.15	5.50	14.8
C04-024-020	0.625	37.65	5.50	16.3
C04-024-022	0.688	33.80	5.50	17.9
C04-024-024	0.750	30.80	5.50	19.5
C04-024-026	0.813	28.35	5.50	21.0
C04-024-028	0.875	26.05	5.50	22.7
C04-024-030	0.938	24.30	5.50	24.2
C04-024-032	1.000	22.70	5.50	25.7
C04-024-036	1.125	20.10	5.50	28.8
C04-024-040	1.250	17.95	5.50	32.0
C04-024-048	1.500	14.90	5.50	38.2
<b>OD .148 WIRE .014</b>				
C05-014-008	0.250	6.60	1.00	5.5
C05-014-012	0.375	5.20	1.00	6.4
C05-014-016	0.500	3.30	1.00	9.0
C05-014-020	0.625	2.60	1.00	10.8
C05-014-024	0.750	2.20	1.00	12.4
C05-014-028	0.875	1.90	1.00	14.1
C05-014-032	1.000	1.60	1.00	16.3
C05-014-040	1.250	1.30	1.00	19.7
C05-014-048	1.500	1.10	1.00	22.9
<b>OD .148 WIRE .016</b>				
C05-016-008	0.250	8.10	1.50	7.1
C05-016-012	0.375	6.60	1.50	8.2
C05-016-016	0.500	4.10	1.50	12.0
C05-016-020	0.625	3.30	1.50	14.4
C05-016-024	0.750	2.70	1.50	17.2
C05-016-028	0.875	2.30	1.50	19.8
C05-016-032	1.000	2.00	1.50	22.5
C05-016-040	1.250	1.60	1.50	27.6
C05-016-048	1.500	1.40	1.50	31.3
<b>OD .148 WIRE .018</b>				
C05-018-008	0.250	12.00	2.10	7.7
C05-018-012	0.375	9.60	2.10	9.2
C05-018-016	0.500	6.00	2.10	13.4
C05-018-020	0.625	4.80	2.10	16.3
C05-018-024	0.750	4.00	2.10	19.2
C05-018-028	0.875	3.50	2.10	21.6
C05-018-032	1.000	3.00	2.10	24.9
C05-018-040	1.250	2.40	2.10	30.6
C05-018-048	1.500	2.00	2.10	36.3

**Most of the music wire springs in this series have a plain finish.**

Part #	Length	Rate	Load	Coils
<b>OD .148 WIRE .020</b>				
C05-020-008	0.250	18.00	2.80	8.1
C05-020-012	0.375	14.60	2.80	9.5
C05-020-016	0.500	9.10	2.80	14.1
C05-020-020	0.625	7.30	2.80	17.0
C05-020-024	0.750	6.10	2.80	20.0
C05-020-028	0.875	5.40	2.80	22.3
C05-020-032	1.000	4.60	2.80	25.8
C05-020-040	1.250	3.80	2.80	30.9
C05-020-048	1.500	3.00	2.80	38.6
<b>OD .148 WIRE .021</b>				
C05-021-008	0.250	34.00	3.20	6.0
C05-021-010	0.313	26.30	3.20	7.2
C05-021-012	0.375	21.00	3.20	8.5
C05-021-014	0.438	17.60	3.20	9.8
C05-021-016	0.500	15.50	3.20	10.8
C05-021-018	0.563	13.60	3.20	12.0
C05-021-020	0.625	12.30	3.20	13.1
C05-021-022	0.688	11.00	3.20	14.4
C05-021-024	0.750	10.00	3.20	15.6
C05-021-026	0.813	9.40	3.20	16.5
C05-021-028	0.875	8.90	3.20	17.3
C05-021-030	0.938	7.90	3.20	19.3
C05-021-032	1.000	7.40	3.20	20.4
C05-021-040	1.250	6.00	3.20	24.7
C05-021-048	1.500	5.00	3.20	29.3
<b>OD .148 WIRE .023</b>				
C05-023-008	0.250	50.00	4.10	6.1
C05-023-010	0.313	38.00	4.10	7.4
C05-023-012	0.375	31.00	4.10	8.6
C05-023-014	0.438	26.00	4.10	9.9
C05-023-016	0.500	21.50	4.10	11.6
C05-023-018	0.563	20.30	4.10	12.1
C05-023-020	0.625	17.70	4.10	13.6
C05-023-022	0.688	15.00	4.10	15.7
C05-023-024	0.750	14.50	4.10	16.2
C05-023-026	0.813	13.50	4.10	17.3
C05-023-028	0.875	12.70	4.10	18.2
C05-023-030	0.938	11.40	4.10	20.1
C05-023-032	1.000	10.80	4.10	21.1
C05-023-040	1.250	8.60	4.10	25.9
C05-023-048	1.500	7.10	4.10	31.0

**The rate listed in our catalog is the pounds it takes to deflect the spring to 1 inch.**

Part #	Length	Rate	Load	Coils
<b>OD .180 WIRE .014</b>				
C06-014-008	0.250	6.00	0.90	4.0
C06-014-010	0.313	4.70	0.90	4.6
C06-014-012	0.375	3.85	0.90	5.1
C06-014-014	0.438	3.35	0.90	5.6
C06-014-016	0.500	2.80	0.90	6.3
C06-014-018	0.563	2.50	0.90	6.8
C06-014-020	0.625	2.20	0.90	7.5
C06-014-022	0.688	2.05	0.90	7.9
C06-014-024	0.750	1.85	0.90	8.5
C06-014-028	0.875	1.55	0.90	9.8
C06-014-032	1.000	1.35	0.90	10.9
C06-014-040	1.250	1.07	0.90	13.3
C06-014-044	1.375	0.97	0.90	14.4
C06-014-048	1.500	0.89	0.90	15.6
C06-014-056	1.750	0.70	0.90	19.2
<b>OD .180 WIRE .016</b>				
C06-016-008	0.250	8.95	1.20	4.4
C06-016-010	0.313	7.50	1.20	4.8
C06-016-012	0.375	5.95	1.20	5.6
C06-016-014	0.438	4.95	1.20	6.3
C06-016-016	0.500	4.35	1.20	6.9
C06-016-018	0.563	3.85	1.20	7.5
C06-016-020	0.625	3.45	1.20	8.2
C06-016-022	0.688	3.05	1.20	9.0
C06-016-024	0.750	2.65	1.20	10.1
C06-016-028	0.875	2.35	1.20	11.1
C06-016-032	1.000	2.05	1.20	12.4
C06-016-040	1.250	1.60	1.20	15.3
C06-016-044	1.375	1.45	1.20	16.7
C06-016-048	1.500	1.30	1.20	18.4
C06-016-056	1.750	1.10	1.20	21.4
C06-016-064	2.000	0.84	1.20	27.4
<b>OD .180 WIRE .018</b>				
C06-018-008	0.250	13.50	1.70	4.6
C06-018-010	0.313	11.20	1.70	5.2
C06-018-012	0.375	9.15	1.70	5.9
C06-018-014	0.438	7.90	1.70	6.5
C06-018-016	0.500	6.85	1.70	7.2
C06-018-018	0.563	5.85	1.70	8.1
C06-018-020	0.625	5.05	1.70	9.0
C06-018-022	0.688	4.55	1.70	9.8
C06-018-024	0.750	4.05	1.70	10.8
C06-018-028	0.875	3.65	1.70	11.7
C06-018-032	1.000	3.15	1.70	13.3
C06-018-040	1.250	2.55	1.70	15.9
C06-018-044	1.375	2.28	1.70	17.6
C06-018-048	1.500	2.05	1.70	19.3
C06-018-056	1.750	1.75	1.70	22.3

**Ends closed not ground**



## COMPRESSION SPRINGS - "C" Series

Part #	Length	Rate	Load	Coils
<b>OD .180 WIRE .020</b>				
C06-020-008	0.250	21.10	2.30	4.7
C06-020-010	0.313	16.30	2.30	5.4
C06-020-012	0.375	12.90	2.30	6.4
C06-020-014	0.438	11.05	2.30	7.1
C06-020-016	0.500	9.50	2.30	7.9
C06-020-018	0.563	8.50	2.30	8.6
C06-020-020	0.625	7.50	2.30	9.5
C06-020-022	0.688	6.70	2.30	10.4
C06-020-024	0.750	6.20	2.30	11.1
C06-020-028	0.875	5.20	2.30	12.8
C06-020-032	1.000	4.55	2.30	14.3
C06-020-040	1.250	3.60	2.30	17.6
C06-020-044	1.375	3.25	2.30	19.3
C06-020-048	1.500	2.95	2.30	21.0
C06-020-056	1.750	2.50	2.30	24.5
C06-020-064	2.000	2.10	2.30	28.7
<b>OD .180 WIRE .022</b>				
C06-022-008	0.250	29.80	3.00	4.9
C06-022-010	0.313	23.80	3.00	5.6
C06-022-012	0.375	19.90	3.00	6.3
C06-022-014	0.438	16.95	3.00	7.0
C06-022-016	0.500	14.10	3.00	8.1
C06-022-018	0.563	11.95	3.00	9.1
C06-022-020	0.625	10.50	3.00	10.1
C06-022-022	0.688	9.55	3.00	10.9
C06-022-024	0.750	8.60	3.00	11.9
C06-022-026	0.813	7.60	3.00	13.2
C06-022-028	0.875	7.00	3.00	14.2
C06-022-030	0.938	6.80	3.00	14.6
C06-022-032	1.000	6.40	3.00	15.3
C06-022-036	1.125	5.70	3.00	17.0
C06-022-040	1.250	5.10	3.00	18.7
C06-022-048	1.500	4.20	3.00	22.3
C06-022-056	1.750	3.70	3.00	25.1
C06-022-064	2.000	3.00	3.00	30.5
<b>OD .180 WIRE .024</b>				
C06-024-008	0.250	43.00	3.90	4.9
C06-024-010	0.313	32.80	3.90	5.8
C06-024-012	0.375	26.00	3.90	6.8
C06-024-014	0.438	21.90	3.90	7.7
C06-024-016	0.500	18.95	3.90	8.6
C06-024-018	0.563	16.60	3.90	9.6
C06-024-020	0.625	14.95	3.90	10.4
C06-024-024	0.750	12.10	3.90	12.4
C06-024-028	0.875	10.28	3.90	14.2
C06-024-032	1.000	9.00	3.90	16.0
C06-024-036	1.125	7.90	3.90	17.9
C06-024-040	1.250	7.05	3.90	19.8
C06-024-048	1.500	5.85	3.90	23.5
C06-024-056	1.750	5.00	3.90	27.1
C06-024-064	2.000	4.35	3.90	30.9

Part #	Length	Rate	Load	Coils
<b>OD .180 WIRE .026</b>				
C06-026-008	0.250	59.00	4.80	5.0
C06-026-010	0.313	47.00	4.80	5.8
C06-026-012	0.375	37.30	4.80	6.8
C06-026-014	0.438	31.20	4.80	7.8
C06-026-016	0.500	26.90	4.80	8.7
C06-026-018	0.563	23.25	4.80	9.7
C06-026-020	0.625	20.95	4.80	10.6
C06-026-022	0.688	18.90	4.80	11.5
C06-026-024	0.750	17.00	4.80	12.6
C06-026-026	0.813	15.80	4.80	13.4
C06-026-028	0.875	14.70	4.80	14.2
C06-026-032	1.000	12.22	4.80	16.7
C06-026-036	1.125	10.80	4.80	18.7
C06-026-040	1.250	9.70	4.80	20.5
C06-026-048	1.500	8.00	4.80	24.5
C06-026-056	1.750	6.85	4.80	28.3
C06-026-064	2.000	5.95	4.80	32.2
<b>OD .180 WIRE .029</b>				
C06-029-008	0.250	95.00	6.50	5.1
C06-029-010	0.313	74.00	6.50	6.0
C06-029-012	0.375	58.00	6.50	7.1
C06-029-014	0.438	49.00	6.50	8.0
C06-029-016	0.500	42.00	6.50	9.0
C06-029-018	0.563	37.00	6.50	10.0
C06-029-020	0.625	32.50	6.50	11.1
C06-029-022	0.688	29.50	6.50	12.0
C06-029-024	0.750	26.50	6.50	13.1
C06-029-026	0.813	24.50	6.50	14.1
C06-029-028	0.875	23.50	6.50	14.6
C06-029-030	0.938	20.00	6.50	16.8
C06-029-032	1.000	19.30	6.50	17.3
C06-029-036	1.125	17.00	6.50	19.4
C06-029-040	1.250	15.30	6.50	21.3
C06-029-044	1.375	13.80	6.50	23.4
C06-029-048	1.500	12.60	6.50	25.4
C06-029-056	1.750	10.70	6.50	29.6
C06-029-064	2.000	9.40	6.50	33.4
<b>OD .180 WIRE .031</b>				
C06-031-008	0.250	121.00	7.80	5.3
C06-031-012	0.375	72.00	7.80	7.6
C06-031-016	0.500	52.00	7.80	9.7
C06-031-024	0.750	33.00	7.80	14.2
C06-031-032	1.000	24.30	7.80	18.5
C06-031-048	1.500	15.80	7.80	27.4
C06-031-064	2.000	11.80	7.80	36.0

**Order any of these springs  
online.**

[www.springfast.com](http://www.springfast.com)

Part #	Length	Rate	Load	Coils
<b>OD .180 WIRE .032</b>				
C06-032-008	0.250	130.00	8.50	5.6
C06-032-010	0.313	122.00	8.50	5.8
C06-032-012	0.375	96.00	8.50	6.8
C06-032-014	0.438	79.00	8.50	7.9
C06-032-016	0.500	64.95	8.50	9.2
C06-032-018	0.563	58.40	8.50	10.0
C06-032-020	0.625	51.10	8.50	11.1
C06-032-022	0.688	47.20	8.50	11.9
C06-032-024	0.750	41.10	8.50	13.3
C06-032-026	0.813	37.20	8.50	14.5
C06-032-028	0.875	33.70	8.50	15.8
C06-032-030	0.938	31.60	8.50	16.7
C06-032-032	1.000	29.20	8.50	17.9
C06-032-036	1.125	25.80	8.50	20.0
C06-032-040	1.250	23.00	8.50	22.2
C06-032-044	1.375	20.80	8.50	24.4
C06-032-048	1.500	19.00	8.50	26.5
C06-032-056	1.750	16.30	8.50	30.5
C06-032-064	2.000	14.10	8.50	35.0
<b>OD .180 WIRE .035</b>				
C06-035-012	0.375	138.00	10.80	7.1
C06-035-014	0.438	114.80	10.80	8.2
C06-035-016	0.500	98.70	10.80	9.2
C06-035-018	0.563	86.30	10.80	10.2
C06-035-020	0.625	76.70	10.80	11.2
C06-035-022	0.688	68.60	10.80	12.3
C06-035-024	0.750	62.40	10.80	13.3
C06-035-026	0.813	57.30	10.80	14.3
C06-035-028	0.875	52.60	10.80	15.5
C06-035-030	0.938	48.85	10.80	16.5
C06-035-032	1.000	45.65	10.80	17.5
C06-035-036	1.125	40.10	10.80	19.6
C06-035-040	1.250	36.00	10.80	21.7
C06-035-044	1.375	32.50	10.80	23.8
C06-035-048	1.500	29.70	10.80	25.8
C06-035-056	1.750	25.30	10.80	30.0
C06-035-064	2.000	22.00	10.80	34.2
C06-035-072	2.250	19.50	10.80	38.3
<b>OD .210 WIRE .018</b>				
C07-018-008	0.250	11.90	1.50	3.8
C07-018-010	0.313	8.60	1.50	4.5
C07-018-012	0.375	6.90	1.50	5.1
C07-018-014	0.438	5.85	1.50	5.6
C07-018-016	0.500	5.10	1.50	6.2
C07-018-018	0.563	4.50	1.50	6.7
C07-018-020	0.625	4.00	1.50	7.3
C07-018-022	0.688	3.65	1.50	7.8
C07-018-024	0.750	3.30	1.50	8.5
C07-018-026	0.813	3.05	1.50	9.0
C07-018-028	0.875	2.80	1.50	9.6
C07-018-032	1.000	2.45	1.50	10.7
C07-018-040	1.250	1.95	1.50	12.9
C07-018-048	1.500	1.60	1.50	15.3
C07-018-056	1.750	1.40	1.50	17.2
C07-018-064	2.000	1.20	1.50	19.8

WIRE ≤ .020" = closed not ground ends; Otherwise, closed and ground ends



COMPRESSION SPRINGS - "C" Series

Part #	Length	Rate	Load	Coils
<b>OD .210 WIRE .022</b>				
C07-022-008	0.250	21.50	2.60	4.4
C07-022-010	0.313	16.70	2.60	5.0
C07-022-012	0.375	13.30	2.60	5.8
C07-022-014	0.438	11.20	2.60	6.5
C07-022-016	0.500	9.80	2.60	7.2
C07-022-018	0.563	8.60	2.60	7.9
C07-022-020	0.625	7.70	2.60	8.6
C07-022-022	0.688	6.90	2.60	9.3
C07-022-024	0.750	6.30	2.60	10.0
C07-022-026	0.813	5.80	2.60	10.7
C07-022-028	0.875	5.30	2.60	11.6
C07-022-032	1.000	4.20	2.60	14.1
C07-022-040	1.250	3.70	2.60	15.7
C07-022-048	1.500	3.00	2.60	18.9
C07-022-056	1.750	2.90	2.60	19.5
C07-022-064	2.000	2.50	2.60	22.3
<b>OD .210 WIRE .026</b>				
C07-026-008	0.250	41.00	4.20	4.6
C07-026-010	0.313	31.00	4.20	5.4
C07-026-012	0.375	25.00	4.20	6.2
C07-026-014	0.438	21.00	4.20	7.0
C07-026-016	0.500	18.00	4.20	7.9
C07-026-018	0.563	16.00	4.20	8.6
C07-026-020	0.625	14.00	4.20	9.5
C07-026-022	0.688	12.80	4.20	10.2
C07-026-024	0.750	11.70	4.20	11.0
C07-026-026	0.813	10.70	4.20	11.9
C07-026-028	0.875	9.70	4.20	12.9
C07-026-032	1.000	8.60	4.20	14.3
C07-026-040	1.250	6.80	4.20	17.5
C07-026-048	1.500	5.60	4.20	20.8
C07-026-056	1.750	5.10	4.20	22.7
C07-026-064	2.000	4.50	4.20	25.4
<b>OD .240 WIRE .016</b>				
C08-016-008	0.250	6.20	0.90	3.4
C08-016-010	0.313	4.81	0.90	3.7
C08-016-012	0.375	3.92	0.90	4.1
C08-016-014	0.438	3.31	0.90	4.5
C08-016-016	0.500	2.90	0.90	4.9
C08-016-018	0.563	2.53	0.90	5.3
C08-016-020	0.625	2.29	0.90	5.7
C08-016-022	0.688	2.00	0.90	6.2
C08-016-024	0.750	1.89	0.90	6.4
C08-016-026	0.813	1.72	0.90	6.9
C08-016-028	0.875	1.60	0.90	7.2
C08-016-030	0.938	1.50	0.90	7.6
C08-016-032	1.000	1.40	0.90	8.0
C08-016-040	1.250	1.11	0.90	9.6
C08-016-048	1.500	0.91	0.90	11.2
C08-016-056	1.750	0.80	0.90	12.5
C08-016-064	2.000	0.70	0.90	14.0

Part #	Length	Rate	Load	Coils
<b>OD .240 WIRE .018</b>				
C08-018-008	0.250	9.45	1.30	3.5
C08-018-010	0.313	7.35	1.30	3.9
C08-018-012	0.375	5.90	1.30	4.3
C08-018-014	0.438	5.00	1.30	4.8
C08-018-016	0.500	4.35	1.30	5.2
C08-018-018	0.563	3.85	1.30	5.6
C08-018-020	0.625	3.45	1.30	6.0
C08-018-022	0.688	3.10	1.30	6.4
C08-018-024	0.750	2.80	1.30	6.9
C08-018-026	0.813	2.60	1.30	7.3
C08-018-028	0.875	2.40	1.30	7.7
C08-018-030	0.938	2.20	1.30	8.3
C08-018-032	1.000	2.10	1.30	8.6
C08-018-040	1.250	1.70	1.30	10.1
C08-018-048	1.500	1.40	1.30	11.9
C08-018-056	1.750	1.20	1.30	13.5
C08-018-064	2.000	1.00	1.30	15.8
<b>OD .240 WIRE .020</b>				
C08-020-008	0.250	12.50	1.80	3.7
C08-020-010	0.313	9.80	1.80	4.2
C08-020-012	0.375	7.70	1.80	4.8
C08-020-014	0.438	6.50	1.80	5.3
C08-020-016	0.500	5.50	1.80	5.9
C08-020-018	0.563	5.00	1.80	6.3
C08-020-020	0.625	4.40	1.80	6.9
C08-020-022	0.688	4.10	1.80	7.3
C08-020-024	0.750	3.70	1.80	7.8
C08-020-026	0.813	3.30	1.80	8.5
C08-020-028	0.875	3.10	1.80	9.0
C08-020-032	1.000	2.70	1.80	10.0
C08-020-040	1.250	2.10	1.80	12.3
C08-020-048	1.500	1.80	1.80	14.0
C08-020-056	1.750	1.50	1.80	16.4
C08-020-064	2.000	1.30	1.80	18.6
<b>OD .240 WIRE .022</b>				
C08-022-008	0.250	18.90	2.30	3.7
C08-022-010	0.313	14.60	2.30	4.2
C08-022-012	0.375	12.15	2.30	4.7
C08-022-014	0.438	9.85	2.30	5.3
C08-022-016	0.500	8.75	2.30	5.7
C08-022-018	0.563	7.75	2.30	6.2
C08-022-020	0.625	6.90	2.30	6.7
C08-022-022	0.688	6.10	2.30	7.3
C08-022-024	0.750	5.60	2.30	7.8
C08-022-026	0.813	5.10	2.30	8.4
C08-022-028	0.875	4.70	2.30	8.9
C08-022-032	1.000	4.22	2.30	9.7
C08-022-040	1.250	3.30	2.30	11.8
C08-022-048	1.500	2.80	2.30	13.6
C08-022-056	1.750	2.35	2.30	15.8
C08-022-064	2.000	2.05	2.30	17.9
C08-022-096	3.000	1.30	2.30	27.0

Part #	Length	Rate	Load	Coils
<b>OD .240 WIRE .024</b>				
C08-024-012	0.375	16.60	3.00	4.9
C08-024-014	0.438	14.10	3.00	5.4
C08-024-016	0.500	12.10	3.00	5.9
C08-024-018	0.563	10.75	3.00	6.4
C08-024-020	0.625	9.60	3.00	6.9
C08-024-022	0.688	8.70	3.00	7.4
C08-024-024	0.750	7.80	3.00	8.1
C08-024-026	0.813	7.15	3.00	8.6
C08-024-028	0.875	6.50	3.00	9.3
C08-024-032	1.000	5.75	3.00	10.2
C08-024-040	1.250	4.55	3.00	12.4
C08-024-048	1.500	3.72	3.00	14.7
C08-024-056	1.750	3.25	3.00	16.6
C08-024-064	2.000	2.75	3.00	19.2
<b>OD .240 WIRE .026</b>				
C08-026-010	0.313	28.30	3.70	4.4
C08-026-012	0.375	23.70	3.70	4.8
C08-026-014	0.438	19.95	3.70	5.4
C08-026-016	0.500	17.20	3.70	5.9
C08-026-018	0.563	14.40	3.70	6.7
C08-026-020	0.625	12.60	3.70	7.3
C08-026-022	0.688	11.05	3.70	8.1
C08-026-024	0.750	10.00	3.70	8.7
C08-026-026	0.813	9.15	3.70	9.3
C08-026-028	0.875	8.20	3.70	10.2
C08-026-032	1.000	7.40	3.70	11.1
C08-026-040	1.250	5.90	3.70	13.4
C08-026-048	1.500	4.90	3.70	15.7
C08-026-056	1.750	4.15	3.70	18.2
C08-026-064	2.000	3.62	3.70	20.5
<b>OD .240 WIRE .029</b>				
C08-029-010	0.313	62.00	5.00	3.7
C08-029-012	0.375	32.70	5.00	5.3
C08-029-014	0.438	27.30	5.00	6.0
C08-029-016	0.500	23.50	5.00	6.6
C08-029-018	0.563	20.60	5.00	7.3
C08-029-020	0.625	18.45	5.00	7.9
C08-029-022	0.688	16.50	5.00	8.6
C08-029-024	0.750	15.30	5.00	9.1
C08-029-026	0.813	13.85	5.00	9.8
C08-029-028	0.875	12.75	5.00	10.5
C08-029-030	0.938	11.70	5.00	11.3
C08-029-032	1.000	11.15	5.00	11.7
C08-029-036	1.125	9.70	5.00	13.2
C08-029-040	1.250	8.80	5.00	14.3
C08-029-044	1.375	7.80	5.00	15.9
C08-029-048	1.500	7.30	5.00	16.8
C08-029-056	1.750	6.15	5.00	19.6
C08-029-064	2.000	5.35	5.00	22.2
C08-029-096	3.000	3.60	5.00	32.1

WIRE ≤ .020" = closed not ground ends; Otherwise, closed and ground ends



**COMPRESSION SPRINGS - "C" Series**

Part #	Length	Rate	Load	Coils
<b>OD .240 WIRE .032</b>				
C08-032-010	0.313	62.90	6.60	4.7
C08-032-012	0.375	51.90	6.60	5.2
C08-032-014	0.438	43.10	6.60	5.9
C08-032-016	0.500	36.40	6.60	6.6
C08-032-018	0.563	31.95	6.60	7.2
C08-032-020	0.625	28.00	6.60	8.0
C08-032-022	0.688	25.00	6.60	8.7
C08-032-024	0.750	21.95	6.60	9.6
C08-032-026	0.813	20.00	6.60	10.4
C08-032-028	0.875	18.70	6.60	11.0
C08-032-030	0.938	17.30	6.60	11.7
C08-032-032	1.000	15.95	6.60	12.5
C08-032-040	1.250	13.00	6.60	14.9
C08-032-044	1.375	11.60	6.60	16.4
C08-032-048	1.500	10.70	6.60	17.7
C08-032-056	1.750	9.20	6.60	20.2
C08-032-064	2.000	8.00	6.60	22.9
<b>OD .240 WIRE .035</b>				
C08-035-010	0.313	88.50	8.40	4.8
C08-035-012	0.375	70.00	8.40	5.6
C08-035-014	0.438	58.00	8.40	6.3
C08-035-016	0.500	50.00	8.40	7.0
C08-035-018	0.563	43.50	8.40	7.8
C08-035-020	0.625	39.00	8.40	8.4
C08-035-022	0.688	34.50	8.40	9.3
C08-035-024	0.750	31.50	8.40	9.9
C08-035-026	0.813	28.70	8.40	10.7
C08-035-028	0.875	26.30	8.40	11.5
C08-035-030	0.938	24.20	8.40	12.3
C08-035-032	1.000	22.70	8.40	13.0
C08-035-040	1.250	17.85	8.40	16.0
C08-035-044	1.375	15.95	8.40	17.7
C08-035-048	1.500	14.70	8.40	19.0
C08-035-056	1.750	12.40	8.40	22.2
C08-035-064	2.000	10.90	8.40	25.0
C08-035-072	2.250	9.70	8.40	27.8
C08-035-080	2.500	8.75	8.40	30.6

**Springs in this catalog can also be supplied in stainless steel. The rate would be 15% less.**

Part #	Length	Rate	Load	Coils
<b>OD .240 WIRE .039</b>				
C08-039-010	0.313	127.00	11.30	5.2
C08-039-012	0.375	101.20	11.30	6.0
C08-039-014	0.438	84.20	11.30	6.9
C08-039-016	0.500	72.15	11.30	7.7
C08-039-018	0.563	63.60	11.30	8.4
C08-039-020	0.625	56.70	11.30	9.2
C08-039-022	0.688	50.85	11.30	10.1
C08-039-024	0.750	46.05	11.30	10.9
C08-039-026	0.813	42.10	11.30	11.7
C08-039-028	0.875	38.00	11.30	12.8
C08-039-030	0.938	34.80	11.30	13.8
C08-039-032	1.000	32.70	11.30	14.5
C08-039-036	1.125	28.85	11.30	16.2
C08-039-040	1.250	25.90	11.30	17.8
C08-039-044	1.375	23.20	11.30	19.7
C08-039-048	1.500	21.20	11.30	21.3
C08-039-056	1.750	17.60	11.30	25.3
C08-039-064	2.000	15.60	11.30	28.3
C08-039-072	2.250	13.70	11.30	31.9
C08-039-080	2.500	12.30	11.30	35.3
<b>OD .240 WIRE .041</b>				
C08-041-010	0.313	155.40	13.00	5.3
C08-041-012	0.375	120.80	13.00	6.3
C08-041-014	0.438	99.70	13.00	7.2
C08-041-016	0.500	84.60	13.00	8.1
C08-041-018	0.563	74.30	13.00	8.9
C08-041-020	0.625	66.75	13.00	9.7
C08-041-022	0.688	59.50	13.00	10.7
C08-041-024	0.750	55.20	13.00	11.3
C08-041-026	0.813	48.80	13.00	12.6
C08-041-028	0.875	45.40	13.00	13.4
C08-041-030	0.938	41.85	13.00	14.3
C08-041-032	1.000	39.15	13.00	15.2
C08-041-036	1.125	34.75	13.00	16.8
C08-041-040	1.250	30.80	13.00	18.7
C08-041-044	1.375	27.55	13.00	20.7
C08-041-048	1.500	25.50	13.00	22.2
C08-041-056	1.750	21.60	13.00	25.9
C08-041-064	2.000	19.00	13.00	29.1
C08-041-072	2.250	16.60	13.00	33.1
C08-041-080	2.500	14.90	13.00	36.6

**Springs made with stainless steel ARE magnetic.**

Part #	Length	Rate	Load	Coils
<b>OD .240 WIRE .043</b>				
C08-043-012	0.375	151.10	14.80	6.3
C08-043-014	0.438	122.90	14.80	7.2
C08-043-016	0.500	106.20	14.80	8.1
C08-043-018	0.563	93.80	14.80	8.9
C08-043-020	0.625	84.90	14.80	9.6
C08-043-022	0.688	75.20	14.80	10.5
C08-043-024	0.750	64.50	14.80	12.0
C08-043-026	0.813	60.00	14.80	12.7
C08-043-028	0.875	56.00	14.80	13.5
C08-043-030	0.938	51.00	14.80	14.6
C08-043-032	1.000	48.00	14.80	15.4
C08-043-036	1.125	42.25	14.80	17.2
C08-043-040	1.250	37.75	14.80	19.0
C08-043-044	1.375	34.00	14.80	20.9
C08-043-048	1.500	30.75	14.80	22.9
C08-043-056	1.750	26.50	14.80	26.3
C08-043-064	2.000	23.00	14.80	29.9
C08-043-072	2.250	20.45	14.80	33.4
C08-043-080	2.500	18.00	14.80	37.7

Part #	Length	Rate	Load	Coils
<b>OD .240 WIRE .045</b>				
C08-045-012	0.375	215.00	16.70	5.7
C08-045-014	0.438	176.00	16.70	6.5
C08-045-016	0.500	149.40	16.70	7.3
C08-045-018	0.563	130.10	16.70	8.1
C08-045-020	0.625	115.00	16.70	8.9
C08-045-022	0.688	2.30	16.70	9.8
C08-045-024	0.750	92.80	16.70	10.6
C08-045-026	0.813	84.95	16.70	11.4
C08-045-028	0.875	77.80	16.70	12.2
C08-045-030	0.938	72.40	16.70	13.0
C08-045-032	1.000	67.35	16.70	13.8
C08-045-036	1.125	59.00	16.70	15.5
C08-045-040	1.250	52.85	16.70	17.0
C08-045-048	1.500	43.45	16.70	20.3
C08-045-056	1.750	36.90	16.70	23.5
C08-045-064	2.000	32.05	16.70	26.8
C08-045-072	2.250	28.35	16.70	30.0
C08-045-080	2.500	25.40	16.70	33.3

Part #	Length	Rate	Load	Coils
<b>OD .240 WIRE .047</b>				
C08-047-008	0.250	467.00	18.70	4.1
C08-047-012	0.375	254.00	18.70	5.8
C08-047-016	0.500	180.00	18.70	7.4
C08-047-024	0.750	111.00	18.70	10.8
C08-047-032	1.000	80.00	18.70	14.2
C08-047-048	1.500	52.00	18.70	20.8
C08-047-064	2.000	38.00	18.70	27.7
C08-047-096	3.000	22.00	18.70	46.4

**Ends closed and ground**



**COMPRESSION SPRINGS - "C" Series**

Part #	Length	Rate	Load	Coils
<b>OD .300 WIRE .020</b>				
C10-020-012	0.375	4.00	1.40	4.6
C10-020-016	0.500	2.80	1.40	5.7
C10-020-020	0.625	2.30	1.40	6.6
C10-020-024	0.750	1.90	1.40	7.5
C10-020-028	0.875	1.60	1.40	8.5
C10-020-032	1.000	1.40	1.40	9.5
C10-020-040	1.250	1.10	1.40	11.5
C10-020-048	1.500	0.93	1.40	13.3
C10-020-056	1.750	0.80	1.40	15.1
C10-020-064	2.000	0.70	1.40	17.0

<b>OD .300 WIRE .022</b>				
C10-022-012	0.375	7.46	1.90	4.1
C10-022-014	0.438	7.20	1.90	4.2
C10-022-016	0.500	6.55	1.90	4.4
C10-022-018	0.563	5.95	1.90	4.6
C10-022-020	0.625	5.00	1.90	5.1
C10-022-022	0.688	4.60	1.90	5.4
C10-022-024	0.750	4.05	1.90	5.9
C10-022-026	0.813	3.65	1.90	6.3
C10-022-028	0.875	3.30	1.90	6.7
C10-022-032	1.000	3.00	1.90	7.2
C10-022-040	1.250	2.40	1.90	8.5
C10-022-048	1.500	2.05	1.90	9.6
C10-022-056	1.750	1.70	1.90	11.2
C10-022-064	2.000	1.45	1.90	12.8
C10-022-072	2.250	1.30	1.90	14.1
C10-022-080	2.500	1.20	1.90	15.1

<b>OD .300 WIRE .026</b>				
C10-026-014	0.438	13.15	3.00	4.4
C10-026-016	0.500	11.30	3.00	4.8
C10-026-018	0.563	10.15	3.00	5.1
C10-026-020	0.625	8.95	3.00	5.6
C10-026-022	0.688	7.90	3.00	6.0
C10-026-024	0.750	7.45	3.00	6.3
C10-026-026	0.813	6.85	3.00	6.7
C10-026-028	0.875	6.05	3.00	7.3
C10-026-030	0.938	5.50	3.00	7.8
C10-026-032	1.000	5.05	3.00	8.3
C10-026-040	1.250	4.30	3.00	9.4
C10-026-048	1.500	3.50	3.00	11.1
C10-026-056	1.750	3.00	3.00	12.6
C10-026-064	2.000	2.60	3.00	14.3
C10-026-072	2.250	2.40	3.00	15.3
C10-026-080	2.500	2.15	3.00	16.9

Part #	Length	Rate	Load	Coils
<b>OD .300 WIRE .028</b>				
C10-028-012	0.375	20.90	3.70	4.1
C10-028-016	0.500	14.30	3.70	5.1
C10-028-020	0.625	11.10	3.70	6.0
C10-028-024	0.750	9.20	3.70	6.8
C10-028-028	0.875	7.60	3.70	7.8
C10-028-032	1.000	6.50	3.70	8.8
C10-028-040	1.250	5.30	3.70	10.3
C10-028-048	1.500	4.40	3.70	12.0
C10-028-056	1.750	3.80	3.70	13.6
C10-028-064	2.000	3.20	3.70	15.7

<b>OD .300 WIRE .030</b>				
C10-030-014	0.438	20.70	4.50	4.9
C10-030-016	0.500	17.80	4.50	5.3
C10-030-018	0.563	15.70	4.50	5.8
C10-030-020	0.625	14.00	4.50	6.2
C10-030-022	0.688	12.50	4.50	6.7
C10-030-024	0.750	11.40	4.50	7.2
C10-030-026	0.813	10.40	4.50	7.7
C10-030-028	0.875	9.70	4.50	8.1
C10-030-030	0.938	9.00	4.50	8.6
C10-030-032	1.000	8.40	4.50	9.0
C10-030-040	1.250	6.60	4.50	11.0
C10-030-048	1.500	5.50	4.50	12.8
C10-030-056	1.750	4.65	4.50	14.7
C10-030-064	2.000	4.00	4.50	16.8
C10-030-072	2.250	3.60	4.50	18.4
C10-030-080	2.500	3.25	4.50	20.2

<b>OD .300 WIRE .032</b>				
C10-032-014	0.438	27.15	5.40	4.9
C10-032-016	0.500	23.30	5.40	5.4
C10-032-018	0.563	20.20	5.40	5.9
C10-032-020	0.625	18.10	5.40	6.3
C10-032-022	0.688	16.20	5.40	6.8
C10-032-024	0.750	14.95	5.40	7.2
C10-032-026	0.813	13.55	5.40	7.8
C10-032-028	0.875	12.30	5.40	8.4
C10-032-030	0.938	11.15	5.40	9.0
C10-032-032	1.000	10.30	5.40	9.6
C10-032-040	1.250	8.60	5.40	11.1
C10-032-048	1.500	7.05	5.40	13.1
C10-032-056	1.750	6.00	5.40	15.1
C10-032-064	2.000	5.30	5.40	16.8
C10-032-072	2.250	4.80	5.40	18.3
C10-032-080	2.500	4.25	5.40	20.4

Part #	Length	Rate	Load	Coils
<b>OD .300 WIRE .035</b>				
C10-035-012	0.375	45.90	6.90	4.5
C10-035-014	0.438	38.30	6.90	5.0
C10-035-016	0.500	32.80	6.90	5.5
C10-035-018	0.563	28.70	6.90	6.0
C10-035-020	0.625	25.40	6.90	6.6
C10-035-022	0.688	22.85	6.90	7.1
C10-035-024	0.750	20.80	6.90	7.6
C10-035-026	0.813	19.00	6.90	8.1
C10-035-028	0.875	17.50	6.90	8.6
C10-035-030	0.938	16.25	6.90	9.1
C10-035-032	1.000	15.15	6.90	9.7
C10-035-036	1.125	13.45	6.90	10.6
C10-035-040	1.250	12.00	6.90	11.7
C10-035-044	1.375	10.80	6.90	12.7
C10-035-048	1.500	9.90	6.90	13.7
C10-035-056	1.750	8.40	6.90	15.8
C10-035-064	2.000	7.30	6.90	17.9
C10-035-072	2.250	6.45	6.90	20.0
C10-035-080	2.500	5.85	6.90	21.8

<b>OD .300 WIRE .039</b>				
C10-039-012	0.375	64.30	9.30	4.9
C10-039-014	0.438	53.20	9.30	5.5
C10-039-016	0.500	46.20	9.30	6.0
C10-039-018	0.563	38.90	9.30	6.8
C10-039-020	0.625	34.95	9.30	7.4
C10-039-022	0.688	30.15	9.30	8.2
C10-039-024	0.750	27.95	9.30	8.7
C10-039-026	0.813	25.90	9.30	9.2
C10-039-028	0.875	23.10	9.30	10.1
C10-039-030	0.938	21.90	9.30	10.5
C10-039-032	1.000	20.70	9.30	11.0
C10-039-036	1.125	18.60	9.30	12.1
C10-039-040	1.250	16.30	9.30	13.5
C10-039-044	1.375	15.05	9.30	14.4
C10-039-048	1.500	13.70	9.30	15.7
C10-039-056	1.750	11.23	9.30	18.7
C10-039-064	2.000	9.60	9.30	21.5
C10-039-072	2.250	8.80	9.30	23.3
C10-039-080	2.500	7.90	9.30	25.7

**Please contact our design team to verify loads.**

**859-581-7600**

**The loads in our catalog are the loads suggested for normal operating conditions.**

**Temperature, cycle time, water, and friction are some conditions that affect the suggested load.**

**Ends closed and ground**



**COMPRESSION SPRINGS - "C" Series**

Part #	Length	Rate	Load	Coils
<b>OD .300 WIRE .041</b>				
C10-041-012	0.375	77.00	10.60	5.0
C10-041-014	0.438	65.50	10.60	5.6
C10-041-016	0.500	55.00	10.60	6.3
C10-041-018	0.563	48.10	10.60	6.9
C10-041-020	0.625	43.00	10.60	7.4
C10-041-022	0.688	38.00	10.60	8.2
C10-041-024	0.750	34.40	10.60	8.8
C10-041-026	0.813	31.50	10.60	9.4
C10-041-028	0.875	29.10	10.60	10.0
C10-041-030	0.938	27.10	10.60	10.6
C10-041-032	1.000	25.30	10.60	11.2
C10-041-036	1.125	22.40	10.60	12.4
C10-041-040	1.250	19.70	10.60	13.9
C10-041-044	1.375	17.70	10.60	15.2
C10-041-048	1.500	16.00	10.60	16.6
C10-041-056	1.750	13.80	10.60	18.9
C10-041-064	2.000	11.90	10.60	21.6
C10-041-072	2.250	10.65	10.60	24.0
C10-041-080	2.500	9.50	10.60	26.6
<b>OD .300 WIRE .043</b>				
C10-043-012	0.375	107.00	12.10	4.7
C10-043-014	0.438	89.50	12.10	5.2
C10-043-016	0.500	70.30	12.10	6.1
C10-043-018	0.563	60.10	12.10	6.8
C10-043-020	0.625	51.80	12.10	7.6
C10-043-022	0.688	45.60	12.10	8.3
C10-043-024	0.750	41.85	12.10	8.9
C10-043-026	0.813	37.70	12.10	9.7
C10-043-028	0.875	33.90	12.10	10.5
C10-043-030	0.938	31.95	12.10	11.1
C10-043-032	1.000	30.05	12.10	11.6
C10-043-036	1.125	27.60	12.10	12.5
C10-043-040	1.250	24.05	12.10	14.0
C10-043-044	1.375	21.85	12.10	15.3
C10-043-048	1.500	19.85	12.10	16.6
C10-043-056	1.750	16.45	12.10	19.6
C10-043-064	2.000	14.35	12.10	22.2
C10-043-072	2.250	12.80	12.10	24.6
C10-043-080	2.500	11.70	12.10	26.7

Part #	Length	Rate	Load	Coils
<b>OD .300 WIRE .045</b>				
C10-045-012	0.375	124.00	13.70	4.9
C10-045-014	0.438	104.50	13.70	5.4
C10-045-016	0.500	91.80	13.70	5.9
C10-045-018	0.563	77.70	13.70	6.6
C10-045-020	0.625	66.50	13.70	7.3
C10-045-022	0.688	61.50	13.70	7.8
C10-045-024	0.750	55.00	13.70	8.5
C10-045-026	0.813	51.15	13.70	9.0
C10-045-028	0.875	46.20	13.70	9.7
C10-045-030	0.938	42.10	13.70	10.4
C10-045-032	1.000	40.10	13.70	10.9
C10-045-036	1.125	36.10	13.70	11.8
C10-045-040	1.250	32.15	13.70	13.1
C10-045-044	1.375	29.05	13.70	14.2
C10-045-048	1.500	26.25	13.70	15.5
C10-045-056	1.750	21.75	13.70	18.3
C10-045-064	2.000	18.85	13.70	20.9
C10-045-072	2.250	16.80	13.70	23.2
C10-045-080	2.500	15.45	13.70	25.0
<b>OD .300 WIRE .047</b>				
C10-047-012	0.375	159.00	15.50	4.7
C10-047-014	0.438	131.50	15.50	5.3
C10-047-016	0.500	112.00	15.50	5.9
C10-047-018	0.563	97.40	15.50	6.4
C10-047-020	0.625	86.90	15.50	7.0
C10-047-022	0.688	76.50	15.50	7.7
C10-047-024	0.750	69.30	15.50	8.3
C10-047-026	0.813	63.45	15.50	8.8
C10-047-028	0.875	58.00	15.50	9.5
C10-047-030	0.938	53.90	15.50	10.0
C10-047-032	1.000	50.20	15.50	10.6
C10-047-036	1.125	44.20	15.50	11.8
C10-047-040	1.250	39.35	15.50	13.0
C10-047-044	1.375	35.55	15.50	14.2
C10-047-048	1.500	32.35	15.50	15.4
C10-047-056	1.750	27.50	15.50	17.8
C10-047-064	2.000	23.90	15.50	20.1
C10-047-072	2.250	21.10	15.50	22.5
C10-047-080	2.500	18.90	15.50	24.9

Part #	Length	Rate	Load	Coils
<b>OD .300 WIRE .049</b>				
C10-049-012	0.375	192.00	17.30	4.7
C10-049-014	0.438	156.50	17.30	5.3
C10-049-016	0.500	133.00	17.30	5.9
C10-049-018	0.563	115.70	17.30	6.5
C10-049-020	0.625	101.80	17.30	7.1
C10-049-022	0.688	90.70	17.30	7.8
C10-049-024	0.750	82.10	17.30	8.4
C10-049-026	0.813	75.10	17.30	9.0
C10-049-028	0.875	68.70	17.30	9.6
C10-049-030	0.938	62.60	17.30	10.4
C10-049-032	1.000	59.35	17.30	10.8
C10-049-036	1.125	52.20	17.30	12.0
C10-049-040	1.250	46.45	17.30	13.3
C10-049-044	1.375	45.80	17.30	13.4
C10-049-048	1.500	38.15	17.30	15.7
C10-049-056	1.750	32.40	17.30	18.2
C10-049-064	2.000	28.13	17.30	20.6
C10-049-072	2.250	24.90	17.30	23.0
C10-049-080	2.500	22.30	17.30	25.5
C10-049-088	2.750	20.20	17.30	27.9
C10-049-096	3.000	18.40	17.30	30.5
<b>OD .300 WIRE .051</b>				
C10-051-012	0.375	228.00	19.30	4.8
C10-051-014	0.438	186.50	19.30	5.4
C10-051-016	0.500	157.90	19.30	6.0
C10-051-018	0.563	137.00	19.30	6.6
C10-051-020	0.625	121.00	19.30	7.2
C10-051-022	0.688	107.20	19.30	7.9
C10-051-024	0.750	97.00	19.30	8.5
C10-051-026	0.813	88.70	19.30	9.1
C10-051-028	0.875	81.20	19.30	9.8
C10-051-030	0.938	75.20	19.30	10.4
C10-051-032	1.000	70.00	19.30	11.0
C10-051-036	1.125	61.70	19.30	12.2
C10-051-040	1.250	54.80	19.30	13.5
C10-051-044	1.375	49.30	19.30	14.8
C10-051-048	1.500	45.00	19.30	16.0
C10-051-056	1.750	38.15	19.30	18.5
C10-051-064	2.000	33.15	19.30	21.0
C10-051-072	2.250	29.25	19.30	23.5
C10-051-080	2.500	26.25	19.30	26.0
C10-051-088	2.750	23.80	19.30	28.5
C10-051-096	3.000	21.70	19.30	31.0

Part #	Length	Rate	Load	Coils
<b>OD .360 WIRE .023</b>				
C12-023-016	0.500	5.30	1.80	4.0
C12-023-020	0.625	4.70	1.80	4.2
C12-023-024	0.750	4.00	1.80	4.6
C12-023-028	0.875	3.30	1.80	5.2
C12-023-032	1.000	2.60	1.80	6.0
C12-023-040	1.250	2.10	1.80	7.0
C12-023-048	1.500	1.80	1.80	7.8
C12-023-056	1.750	1.50	1.80	9.0
C12-023-064	2.000	1.30	1.80	10.1

Can you locate the city in the picture of our building on the front inside cover?

We moved from Cincinnati in 1997. However, we are now closer to downtown than before. Just a short seven minute drive.

Ends closed and ground



**COMPRESSION SPRINGS - "C" Series**

Part #	Length	Rate	Load	Coils
<b>OD .360 WIRE .026</b>				
C12-026-016	0.500	9.10	2.50	3.9
C12-026-018	0.563	8.10	2.50	4.2
C12-026-020	0.625	7.20	2.50	4.4
C12-026-022	0.688	6.60	2.50	4.7
C12-026-024	0.750	6.05	2.50	4.9
C12-026-026	0.813	5.60	2.50	5.1
C12-026-028	0.875	4.95	2.50	5.6
C12-026-030	0.938	4.55	2.50	5.9
C12-026-032	1.000	4.05	2.50	6.4
C12-026-036	1.125	3.70	2.50	6.8
C12-026-040	1.250	3.30	2.50	7.3
C12-026-048	1.500	2.75	2.50	8.4
C12-026-056	1.750	2.40	2.50	9.3
C12-026-064	2.000	2.10	2.50	10.4
C12-026-072	2.250	1.90	2.50	11.3
<b>OD .360 WIRE .029</b>				
C12-029-012	0.375	17.00	3.40	3.6
C12-029-016	0.500	12.50	3.40	4.2
C12-029-018	0.563	11.00	3.40	4.5
C12-029-020	0.625	9.90	3.40	4.8
C12-029-022	0.688	8.80	3.40	5.2
C12-029-024	0.750	7.90	3.40	5.5
C12-029-026	0.813	7.30	3.40	5.8
C12-029-028	0.875	6.70	3.40	6.2
C12-029-030	0.938	6.30	3.40	6.5
C12-029-032	1.000	5.90	3.40	6.8
C12-029-036	1.125	5.20	3.40	7.4
C12-029-040	1.250	4.60	3.40	8.1
C12-029-044	1.375	4.15	3.40	8.8
C12-029-048	1.500	3.80	3.40	9.4
C12-029-056	1.750	3.30	3.40	10.5
C12-029-064	2.000	2.80	3.40	12.0
C12-029-096	3.000	1.90	3.40	16.8
C12-029-128	4.000	1.40	3.40	22.0
<b>OD .360 WIRE .032</b>				
C12-032-012	0.375	25.10	4.50	3.7
C12-032-014	0.438	20.80	4.50	4.1
C12-032-016	0.500	17.95	4.50	4.4
C12-032-018	0.563	16.15	4.50	4.6
C12-032-020	0.625	14.70	4.50	4.9
C12-032-022	0.688	12.90	4.50	5.3
C12-032-024	0.750	11.95	4.50	5.6
C12-032-026	0.813	11.10	4.50	5.8
C12-032-028	0.875	9.95	4.50	6.3
C12-032-030	0.938	9.45	4.50	6.5
C12-032-032	1.000	8.50	4.50	7.0
C12-032-036	1.125	7.50	4.50	7.7
C12-032-040	1.250	6.80	4.50	8.3
C12-032-044	1.375	6.30	4.50	8.8
C12-032-048	1.500	5.45	4.50	9.8
C12-032-056	1.750	4.60	4.50	11.3
C12-032-064	2.000	4.00	4.50	12.7
C12-032-072	2.250	3.70	4.50	13.5
C12-032-080	2.500	3.30	4.50	14.9

Part #	Length	Rate	Load	Coils
<b>OD .360 WIRE .035</b>				
C12-035-014	0.438	28.10	5.80	4.2
C12-035-016	0.500	24.00	5.80	4.6
C12-035-018	0.563	20.80	5.80	5.0
C12-035-020	0.625	18.50	5.80	5.4
C12-035-022	0.688	16.40	5.80	5.8
C12-035-024	0.750	15.00	5.80	6.2
C12-035-026	0.813	13.80	5.80	6.6
C12-035-028	0.875	12.75	5.80	6.9
C12-035-030	0.938	11.90	5.80	7.3
C12-035-032	1.000	11.15	5.80	7.6
C12-035-036	1.125	9.75	5.80	8.4
C12-035-040	1.250	8.75	5.80	9.2
C12-035-044	1.375	7.85	5.80	10.0
C12-035-048	1.500	7.15	5.80	10.8
C12-035-056	1.750	6.20	5.80	12.1
C12-035-064	2.000	5.30	5.80	13.9
C12-035-072	2.250	4.70	5.80	15.4
C12-035-080	2.500	4.20	5.80	17.0
<b>OD .360 WIRE .039</b>				
C12-039-014	0.438	37.70	7.80	4.7
C12-039-016	0.500	33.00	7.80	5.0
C12-039-018	0.563	28.40	7.80	5.5
C12-039-020	0.625	24.95	7.80	6.0
C12-039-022	0.688	22.05	7.80	6.6
C12-039-024	0.750	20.90	7.80	6.8
C12-039-026	0.813	18.85	7.80	7.3
C12-039-028	0.875	17.00	7.80	7.9
C12-039-030	0.938	15.80	7.80	8.4
C12-039-032	1.000	15.00	7.80	8.7
C12-039-036	1.125	12.95	7.80	9.8
C12-039-040	1.250	11.85	7.80	10.5
C12-039-044	1.375	10.20	7.80	11.9
C12-039-048	1.500	9.30	7.80	12.8
C12-039-056	1.750	8.25	7.80	14.2
C12-039-064	2.000	7.35	7.80	15.7
C12-039-072	2.250	6.45	7.80	17.6
C12-039-080	2.500	5.75	7.80	19.5

Part #	Length	Rate	Load	Coils
<b>OD .360 WIRE .041</b>				
C12-041-014	0.438	45.00	9.00	4.8
C12-041-016	0.500	38.70	9.00	5.2
C12-041-018	0.563	33.70	9.00	5.7
C12-041-020	0.625	29.00	9.00	6.3
C12-041-022	0.688	26.70	9.00	6.7
C12-041-024	0.750	24.30	9.00	7.1
C12-041-026	0.813	22.50	9.00	7.6
C12-041-028	0.875	20.50	9.00	8.1
C12-041-030	0.938	19.00	9.00	8.6
C12-041-032	1.000	17.70	9.00	9.1
C12-041-036	1.125	15.70	9.00	10.0
C12-041-040	1.250	13.95	9.00	11.0
C12-041-044	1.375	12.55	9.00	12.0
C12-041-048	1.500	11.60	9.00	12.8
C12-041-056	1.750	9.80	9.00	14.8
C12-041-064	2.000	8.60	9.00	16.6
C12-041-072	2.250	7.50	9.00	18.7
C12-041-080	2.500	6.70	9.00	20.7
<b>OD .360 WIRE .043</b>				
C12-043-014	0.438	57.00	10.30	4.7
C12-043-016	0.500	47.00	10.30	5.3
C12-043-018	0.563	41.60	10.30	5.7
C12-043-020	0.625	37.80	10.30	6.1
C12-043-022	0.688	33.50	10.30	6.6
C12-043-024	0.750	30.95	10.30	7.0
C12-043-026	0.813	27.75	10.30	7.6
C12-043-028	0.875	25.10	10.30	8.1
C12-043-030	0.938	23.05	10.30	8.7
C12-043-032	1.000	21.25	10.30	9.3
C12-043-036	1.125	18.85	10.30	10.2
C12-043-040	1.250	17.00	10.30	11.1
C12-043-044	1.375	15.80	10.30	11.8
C12-043-048	1.500	14.50	10.30	12.6
C12-043-056	1.750	11.90	10.30	15.0
C12-043-064	2.000	10.40	10.30	16.8
C12-043-072	2.250	9.05	10.30	19.0
C12-043-080	2.500	8.15	10.30	20.9

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 www.springsfast.com

You can get pricing online  
 or please feel free to call or  
 email for a pricing list.

Ends closed and ground







### COMPRESSION SPRINGS - "C" Series

Part #	Length	Rate	Load	Coils
<b>OD .420 WIRE .067</b>				
C14-067-024	0.750	144.00	30.10	6.6
C14-067-032	1.000	102.50	30.10	8.4
C14-067-040	1.250	79.40	30.10	10.3
C14-067-048	1.500	65.90	30.10	12.0
C14-067-056	1.750	54.90	30.10	14.0
C14-067-064	2.000	47.50	30.10	15.9
C14-067-072	2.250	41.90	30.10	17.7
C14-067-080	2.500	37.50	30.10	19.6
<b>OD .420 WIRE .072</b>				
C14-072-032	1.000	139.20	36.50	8.6
C14-072-040	1.250	107.70	36.50	10.5
C14-072-048	1.500	87.90	36.50	12.4
C14-072-056	1.750	74.20	36.50	14.4
C14-072-064	2.000	64.20	36.50	16.3
C14-072-072	2.250	56.60	36.50	18.2
C14-072-080	2.500	50.60	36.50	20.1
<b>OD .455 WIRE .039</b>				
C15-039-016	0.500	22.80	6.30	4.0
C15-039-020	0.625	17.80	6.30	4.6
C15-039-024	0.750	14.40	6.30	5.2
C15-039-028	0.875	12.10	6.30	5.8
C15-039-032	1.000	10.50	6.30	6.4
C15-039-040	1.250	8.20	6.30	7.6
C15-039-048	1.500	6.80	6.30	8.8
C15-039-056	1.750	5.80	6.30	10.0
<b>OD .455 WIRE .047</b>				
C15-047-016	0.500	41.30	10.50	4.5
C15-047-020	0.625	31.90	10.50	5.2
C15-047-024	0.750	25.70	10.50	6.0
C15-047-028	0.875	21.40	10.50	6.8
C15-047-032	1.000	18.70	10.50	7.5
C15-047-040	1.250	14.60	10.50	9.1
C15-047-048	1.500	11.90	10.50	10.7
C15-047-056	1.750	10.20	10.50	12.1
<b>OD .480 WIRE .035</b>				
C16-035-016	0.500	15.70	4.40	3.6
C16-035-020	0.625	12.10	4.40	4.0
C16-035-024	0.750	9.91	4.40	4.5
C16-035-028	0.875	8.34	4.40	4.9
C16-035-032	1.000	7.22	4.40	5.4
C16-035-040	1.250	5.70	4.40	6.3
C16-035-048	1.500	4.72	4.40	7.2
C16-035-056	1.750	4.02	4.40	8.1
C16-035-064	2.000	3.51	4.40	9.0
C16-035-072	2.250	3.10	4.40	9.9
C16-035-080	2.500	2.78	4.40	10.8
C16-035-088	2.750	2.50	4.40	11.8
C16-035-096	3.000	2.30	4.40	12.6

Part #	Length	Rate	Load	Coils
<b>OD .480 WIRE .039</b>				
C16-039-016	0.500	20.00	6.00	3.9
C16-039-020	0.625	15.00	6.00	4.6
C16-039-024	0.750	12.50	6.00	5.1
C16-039-028	0.875	10.50	6.00	5.7
C16-039-032	1.000	9.25	6.00	6.2
C16-039-040	1.250	7.50	6.00	7.2
C16-039-048	1.500	6.00	6.00	8.5
C16-039-052	1.625	5.50	6.00	9.0
C16-039-056	1.750	5.20	6.00	9.5
C16-039-064	2.000	4.50	6.00	10.6
C16-039-072	2.250	4.20	6.00	11.2
C16-039-080	2.500	3.70	6.00	12.5
C16-039-088	2.750	3.40	6.00	13.4
C16-039-096	3.000	3.10	6.00	14.5
<b>OD .480 WIRE .043</b>				
C16-043-016	0.500	28.00	7.80	4.1
C16-043-020	0.625	21.50	7.80	4.7
C16-043-024	0.750	18.00	7.80	5.3
C16-043-028	0.875	15.00	7.80	5.9
C16-043-032	1.000	13.00	7.80	6.5
C16-043-040	1.250	10.00	7.80	7.9
C16-043-048	1.500	8.50	7.80	8.9
C16-043-052	1.625	7.70	7.80	9.6
C16-043-056	1.750	7.30	7.80	10.1
C16-043-064	2.000	6.30	7.80	11.3
C16-043-072	2.250	5.70	7.80	12.3
C16-043-080	2.500	5.30	7.80	13.1
C16-043-088	2.750	4.80	7.80	14.3
C16-043-096	3.000	4.40	7.80	15.4
<b>OD .480 WIRE .045</b>				
C16-045-016	0.500	35.00	8.90	4.0
C16-045-020	0.625	28.00	8.90	4.6
C16-045-024	0.750	22.00	8.90	5.3
C16-045-028	0.875	19.00	8.90	5.8
C16-045-032	1.000	17.00	8.90	6.2
C16-045-040	1.250	13.00	8.90	7.5
C16-045-048	1.500	11.00	8.90	8.5
C16-045-052	1.625	9.80	8.90	9.3
C16-045-056	1.750	9.30	8.90	9.7
C16-045-064	2.000	8.00	8.90	11.0
C16-045-072	2.250	7.00	8.90	12.2
C16-045-080	2.500	6.40	8.90	13.2
C16-045-088	2.750	5.80	8.90	14.3
C16-045-096	3.000	5.35	8.90	15.4
C16-045-128	4.000	3.90	8.90	20.4
C16-045-192	6.000	2.50	8.90	30.6

Part #	Length	Rate	Load	Coils
<b>OD .480 WIRE .047</b>				
C16-047-016	0.500	40.00	10.00	4.2
C16-047-024	0.750	26.20	10.00	5.3
C16-047-032	1.000	18.40	10.00	6.7
C16-047-040	1.250	16.30	10.00	7.3
C16-047-048	1.500	14.40	10.00	8.0
C16-047-056	1.750	11.50	10.00	9.5
C16-047-064	2.000	10.20	10.00	10.5
C16-047-080	2.500	8.90	10.00	11.7
<b>OD .480 WIRE .051</b>				
C16-051-016	0.500	59.00	12.60	4.1
C16-051-020	0.625	45.00	12.60	4.7
C16-051-024	0.750	37.35	12.60	5.3
C16-051-028	0.875	30.50	12.60	6.0
C16-051-032	1.000	26.10	12.60	6.7
C16-051-040	1.250	20.40	12.60	8.0
C16-051-048	1.500	16.80	12.60	9.3
C16-051-052	1.625	15.00	12.60	10.2
C16-051-056	1.750	14.30	12.60	10.6
C16-051-064	2.000	12.40	12.60	11.9
C16-051-072	2.250	11.00	12.60	13.2
C16-051-080	2.500	9.80	12.60	14.6
C16-051-088	2.750	8.70	12.60	16.2
C16-051-096	3.000	8.00	12.60	17.4
<b>OD .480 WIRE .055</b>				
C16-055-016	0.500	72.00	15.50	4.4
C16-055-020	0.625	56.00	15.50	5.1
C16-055-024	0.750	47.00	15.50	5.6
C16-055-028	0.875	38.00	15.50	6.5
C16-055-032	1.000	35.00	15.50	6.9
C16-055-040	1.250	37.00	15.50	6.6
C16-055-048	1.500	22.00	15.50	9.8
C16-055-052	1.625	20.00	15.50	10.6
C16-055-056	1.750	18.70	15.50	11.2
C16-055-064	2.000	16.40	15.50	12.4
C16-055-072	2.250	14.50	15.50	13.8
C16-055-080	2.500	12.90	15.50	15.3
C16-055-088	2.750	11.70	15.50	16.6
C16-055-096	3.000	10.70	15.50	18.0



Ends closed and ground





**COMPRESSION SPRINGS - "C" Series**

Part #	Length	Rate	Load	Coils
<b>OD .540 WIRE .059</b>				
C18-059-016	0.500	75.60	16.90	4.1
C18-059-020	0.625	57.00	16.90	4.7
C18-059-024	0.750	45.70	16.90	5.4
C18-059-028	0.875	38.20	16.90	6.1
C18-059-032	1.000	32.80	16.90	6.8
C18-059-040	1.250	25.50	16.90	8.1
C18-059-048	1.500	20.80	16.90	9.5
C18-059-056	1.750	17.60	16.90	10.9
C18-059-064	2.000	15.30	16.90	12.2
C18-059-072	2.250	13.50	16.90	13.6
C18-059-080	2.500	12.00	16.90	15.0
C18-059-088	2.750	10.80	16.90	16.5
C18-059-096	3.000	9.90	16.90	17.8
<b>OD .540 WIRE .062</b>				
C18-062-016	0.500	105.00	19.30	3.9
C18-062-020	0.625	79.00	19.30	4.5
C18-062-024	0.750	63.00	19.30	5.1
C18-062-028	0.875	53.00	19.30	5.7
C18-062-032	1.000	45.00	19.30	6.3
C18-062-040	1.250	35.00	19.30	7.6
C18-062-048	1.500	29.00	19.30	8.7
C18-062-056	1.750	24.00	19.30	10.1
C18-062-064	2.000	21.00	19.30	11.3
C18-062-072	2.250	18.40	19.30	12.6
C18-062-080	2.500	16.40	19.30	13.9
C18-062-088	2.750	14.80	19.30	15.1
C18-062-096	3.000	13.50	19.30	16.4
<b>OD .540 WIRE .067</b>				
C18-067-016	0.500	136.00	23.90	4.0
C18-067-020	0.625	101.00	23.90	4.7
C18-067-024	0.750	81.00	23.90	5.4
C18-067-028	0.875	67.30	23.90	6.1
C18-067-032	1.000	57.50	23.90	6.8
C18-067-040	1.250	44.60	23.90	8.1
C18-067-048	1.500	36.40	23.90	9.5
C18-067-056	1.750	30.80	23.90	10.9
C18-067-064	2.000	26.60	23.90	12.3
C18-067-072	2.250	23.40	23.90	13.7
C18-067-080	2.500	20.90	23.90	15.1
C18-067-088	2.750	18.90	23.90	16.5
C18-067-096	3.000	17.30	23.90	17.8
<b>W.B.</b>				

Part #	Length	Rate	Load	Coils
<b>OD .600 WIRE .045</b>				
C20-045-016	0.500	23.20	7.20	3.5
C20-045-020	0.625	18.00	7.20	3.9
C20-045-024	0.750	14.50	7.20	4.4
C20-045-028	0.875	12.00	7.20	4.9
C20-045-032	1.000	10.25	7.20	5.4
C20-045-040	1.250	8.00	7.20	6.3
C20-045-044	1.375	7.10	7.20	6.9
C20-045-048	1.500	6.50	7.20	7.3
C20-045-056	1.750	5.80	7.20	7.9
C20-045-064	2.000	5.30	7.20	8.5
C20-045-072	2.250	4.70	7.20	9.3
C20-045-080	2.500	4.20	7.20	10.2
C20-045-088	2.750	3.60	7.20	11.6
C20-045-096	3.000	3.30	7.20	12.4
C20-045-104	3.250	3.00	7.20	13.5
C20-045-112	3.500	2.80	7.20	14.3
<b>OD .600 WIRE .049</b>				
C20-049-020	0.625	28.00	9.10	3.8
C20-049-024	0.750	22.70	9.10	4.2
C20-049-028	0.875	19.00	9.10	4.6
C20-049-032	1.000	16.10	9.10	5.1
C20-049-040	1.250	12.80	9.10	5.9
C20-049-048	1.500	10.20	9.10	6.9
C20-049-056	1.750	8.70	9.10	7.7
C20-049-064	2.000	7.60	9.10	8.5
C20-049-072	2.250	6.70	9.10	9.4
C20-049-080	2.500	5.90	9.10	10.4
C20-049-088	2.750	5.30	9.10	11.3
C20-049-096	3.000	4.80	9.10	12.3
<b>OD .600 WIRE .055</b>				
C20-055-020	0.625	40.00	12.60	4.0
C20-055-024	0.750	33.00	12.60	4.5
C20-055-028	0.875	27.50	12.60	5.0
C20-055-032	1.000	24.00	12.60	5.4
C20-055-040	1.250	18.50	12.60	6.4
C20-055-048	1.500	15.00	12.60	7.4
C20-055-056	1.750	12.87	12.60	8.3
C20-055-064	2.000	11.15	12.60	9.3
C20-055-072	2.250	9.85	12.60	10.2
C20-055-080	2.500	8.90	12.60	11.1
C20-055-088	2.750	8.00	12.60	12.2
C20-055-096	3.000	7.30	12.60	13.1
<b>JONES</b>				

Part #	Length	Rate	Load	Coils
<b>OD .600 WIRE .059</b>				
C20-059-020	0.625	53.30	15.30	4.1
C20-059-024	0.750	42.30	15.30	4.6
C20-059-028	0.875	35.20	15.30	5.1
C20-059-032	1.000	30.30	15.30	5.6
C20-059-040	1.250	23.90	15.30	6.6
C20-059-048	1.500	19.25	15.30	7.7
C20-059-056	1.750	16.25	15.30	8.8
C20-059-064	2.000	14.15	15.30	9.8
C20-059-072	2.250	12.55	15.30	10.8
C20-059-080	2.500	11.28	15.30	11.8
C20-059-088	2.750	9.70	15.30	13.3
C20-059-096	3.000	8.90	15.30	14.4
<b>OD .600 WIRE .062</b>				
C20-062-020	0.625	63.00	17.50	4.2
C20-062-024	0.750	52.00	17.50	4.6
C20-062-028	0.875	44.50	17.50	5.1
C20-062-032	1.000	38.00	17.50	5.6
C20-062-040	1.250	30.50	17.50	6.5
C20-062-048	1.500	24.00	17.50	7.7
C20-062-056	1.750	20.40	17.50	8.7
C20-062-064	2.000	17.50	17.50	9.8
C20-062-072	2.250	15.10	17.50	11.0
C20-062-080	2.500	14.10	17.50	11.7
C20-062-088	2.750	12.90	17.50	12.6
C20-062-096	3.000	11.80	17.50	13.6
C20-062-104	3.250	10.70	17.50	14.7
C20-062-112	3.500	10.00	17.50	15.6
<b>OD .600 WIRE .067</b>				
C20-067-020	0.625	80.00	21.70	4.4
C20-067-024	0.750	64.50	21.70	5.0
C20-067-028	0.875	50.00	21.70	5.8
C20-067-032	1.000	45.00	21.70	6.3
C20-067-040	1.250	35.00	21.70	7.5
C20-067-048	1.500	29.00	21.70	8.6
C20-067-056	1.750	25.03	21.70	9.7
C20-067-064	2.000	21.00	21.70	11.1
C20-067-072	2.250	18.90	21.70	12.1
C20-067-080	2.500	16.30	21.70	13.7
C20-067-088	2.750	15.00	21.70	14.8
C20-067-096	3.000	13.70	21.70	16.0
<b>SPRING</b>				

Ends closed and ground











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COMPRESSION SPRINGS - STAINLESS STEEL LINE

Table with 10 columns: Outer Dia., Wire Dia., Free Length, Part #, Rate (lbs./in.), Load (lbs.), Total Coils, E\*, M\*, F\*. Rows include parts 4009 through 4131.

Table with 10 columns: Outer Dia., Wire Dia., Free Length, Part #, Rate (lbs./in.), Load (lbs.), Total Coils, E\*, M\*, F\*. Rows include parts 4132 through 4054.

E\* TYPE OF ENDS
C = Closed not ground
G = Closed and ground

M\* TYPE OF ENDS
S = 302/304 STAINLESS STEEL

F\* TYPE OF ENDS
N = No finish









### COMPRESSION SPRINGS - CONICAL SPRING

Conical or cone shaped springs offer a smaller solid height and better stability than typical cylindrical springs. These conical springs are made of 302/304 stainless steel and have closed not ground ends.

Large Outer Dia.	Small Inside Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils
0.850	0.302	0.041	1.500	4900	3.30	2.99	7.6
0.975	0.340	0.049	1.500	4901	5.17	4.33	6.9
0.975	0.267	0.054	1.500	4902	8.37	5.68	7.3
1.250	0.509	0.058	1.750	4909	0.71	5.44	5.6
1.250	0.495	0.065	1.750	4910	7.91	7.48	6.2
1.500	0.614	0.068	2.000	4903	6.47	7.09	5.5
1.500	0.590	0.080	2.000	4904	10.43	11.12	6.3
1.750	0.715	0.080	1.750	4911	10.31	9.56	4.7
1.750	0.693	0.091	1.750	4912	14.91	13.64	5.2
1.875	0.768	0.085	2.500	4905	7.85	10.57	5.6
1.875	0.738	0.100	2.500	4906	12.19	16.51	6.6
2.000	0.800	0.100	2.000	4913	14.76	15.50	5.1

Large Outer Dia.	Small Inside Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils
2.000	0.770	0.115	2.000	4914	21.97	22.69	5.7
2.250	0.925	0.100	3.000	4907	8.44	13.81	5.7
2.250	0.885	0.120	3.000	4908	14.32	22.70	6.7
2.500	1.010	0.120	2.500	4917	15.54	20.48	5.1
2.500	0.980	0.135	2.500	4918	21.66	28.18	5.6
2.750	1.145	0.115	4.000	4919	7.56	16.62	5.9
2.750	1.105	0.135	4.000	4920	11.80	25.67	6.9
3.000	1.204	0.148	3.000	4921	19.15	30.21	5.4
3.000	1.176	0.162	3.000	4922	24.67	38.51	5.8
4.000	1.626	0.187	4.000	4923	20.16	42.64	5.4
4.000	1.564	0.218	4.000	4924	30.81	64.06	6.3

### COMPRESSION SPRINGS - HEAVY DUTY - ROUND WIRE

Our heavy duty compression springs can handle a much heavier loads than our original stock line. They are made from round chrome silicon wire and have closed and ground ends. These have a shot peen and oil finish.

Outer Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils
2.438	.438	3.000	475	1715	665	5.8
2.438	.438	3.500	476	1415	724	6.7
2.438	.438	4.000	477	1265	927	7.2
2.438	.438	5.000	479	960	933	8.9
2.438	.438	6.000	480	800	1051	10.3
2.438	.438	8.000	481	600	1200	13.0
2.438	.438	12.000	483	375	1112	19.6

Outer Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils
2.906	.500	4.000	485	1775	1593	5.6
2.906	.500	15.000	490	420	1593	17.4
4.000	.625	3.000	491	3200	1727	3.8
4.000	.625	8.000	496	1020	2198	7.6
4.000	.625	10.000	497	815	2198	9.0
4.000	.625	12.000	498	675	2198	10.5

### COMPRESSION SPRINGS - HEAVY DUTY - SQUARE WIRE

These springs are made of carbon square wire. They carry a higher load than similar springs made of round wire. The ends are closed and ground and there is no finish.

Outer Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils
0.406	0.062	2.500	401	38.00	19.95	21.8
0.406	0.062	3.000	402	29.00	19.95	28.0
0.406	0.062	3.500	403	27.00	19.95	30.0
0.468	0.093	2.500	407	176.00	52.75	18.8
0.531	0.062	2.500	404	17.00	15.46	19.0
0.656	0.062	3.000	405	7.00	9.38	23.0
0.656	0.062	3.500	406	6.00	9.38	26.3
0.656	0.093	3.000	408	60.00	38.49	16.5
0.656	0.093	3.500	409	55.00	38.49	17.8
0.656	0.125	3.000	411	275.00	86.16	14.4
0.781	0.093	2.500	410	50.00	32.60	11.5
0.781	0.125	2.500	412	195.00	73.26	11.2
0.781	0.125	3.000	413	160.00	73.26	13.2
0.906	0.125	2.500	414	125.00	63.69	10.5

Outer Dia.	Wire Dia.	Free Length	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils
0.906	0.125	3.000	415	110.00	63.69	11.6
0.906	0.125	3.500	416	100.00	63.69	12.6
1.031	0.125	2.500	417	95.00	56.34	9.1
1.031	0.125	3.000	418	78.00	56.34	10.7
1.031	0.125	3.500	419	65.00	56.34	12.5
1.031	0.156	2.500	420	220.00	103.50	10.3
1.031	0.156	3.000	421	185.00	103.50	11.9
1.031	0.250	3.000	425	2820.00	385.26	9.0
1.250	0.250	2.500	426	1810.00	315.99	6.5
1.281	0.187	3.000	422	306.00	138.83	8.3
1.281	0.187	3.500	423	255.00	138.83	9.5
1.281	0.187	4.000	424	215.00	138.83	11.0
1.375	0.250	3.000	427	952.00	289.45	8.0
1.375	0.250	5.000	428	500.00	289.45	13.5



**HEAVY DUTY SPRINGS - SQUARE & RECTANGULAR WIRE - 36" LONG**

These cut to length compression springs are made with square or rectangular wire to achieve a higher load than round.

Outer Dia.	Wire Dia.	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils	Outer Dia.	Wire Dia.	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils	Outer Dia.	Wire Dia.	Part #	Rate (lbs./in.)	Load (lbs.)	Total Coils
0.406	0.062	451	2.95	19.95	255.0	0.781	0.125	459	11.63	73.26	154.0	1.156	0.187	467	29.04	152.91	96.0
0.468	0.093	454	14.11	52.75	210.0	0.781	0.156	462	37.45	133.96	135.0	1.250	0.312	469	305.72	578.7	80.0
0.531	0.062	452	1.41	15.46	210.0	0.906	0.125	460	7.35	63.69	144.0	1.281	0.187	468	20.13	138.84	96.0
0.531	0.093	455	9.57	46.92	193.0	0.906	0.156	463	21.57	116.83	135.0	1.750	0.281	474	58.1	307.04	69.3
0.656	0.062	453	0.82	12.62	178.0	0.906	0.187	465	53.76	191.52	128.0	1.750	0.312	470	103.58	427.52	64.0
0.656	0.093	456	5.22	38.48	166.0	1.031	0.125	461	5.84	56.34	116.0	2.000	0.312	471	69.2	377.37	59.0
0.656	0.125	458	20.46	86.16	166.0	1.031	0.187	466	39.94	170.13	106.0	2.250	0.312	472	53.83	337.68	50.0
0.781	0.093	457	2.85	32.6	166.0	1.156	0.156	464	11.5	92.89	106.0	2.500	0.312	473	43.43	305.51	43.0

Outer Dia.	Wire Dia.	Part #	Rate (lbs./in.)	Load (lbs.)
0.562	.062 x .125	580	6.40	38.00
0.750	.093 x .156	581	12.70	85.00
1.000	.109 x .218	582	16.70	126.00
1.250	.156 x .281	583	39.50	252.00
1.500	.187 x .312	584	49.50	300.00
1.750	.187 x .375	585	46.90	342.00
2.000	.218 x .437	586	63.90	1030.00

These are all made out of carbon steel wire with a plain and open ends. The group above is square wire and the group to the left is rectangular.

**DIE COMPRESSION SPRINGS - RECTANGULAR WIRE**

The following list of springs are made of rectangular shaped material to achieve the greatest possible load for a given amount of travel. They are commonly used in die press applications, but can be used in any situation requiring a heavy load. All the ends are closed and ground. They are also color coded for easy identification from one strength to the next.

COLOR CODE MATERIAL Suggested deflection			BLUE Chrome Silicon 35% of free length		BLACK Carbon Steel 15% of free length		RED Chrome Silicon 25% of free length		GOLD Chrome Silicon 20% of free length		GREEN Chrome Silicon 17% of free length	
Hole	Rod	Length	Part #	Rate	P/N	Rate	Part #	Rate	Part #	Rate	Part #	Rate
<b>0.375</b>	<b>0.187</b>	1.000	3001	60	<b>Supplying springs since 1913!</b>		3101	84	3201	116	3301	210
		1.250	3002	50			3102	73	3202	98	3302	146
		1.500	3003	42			3103	67	3203	80	3303	125
		1.750	3004	37			3104	58	3204	75	3304	105
		2.000	3005	31			3105	50	3205	62	3305	90
		2.500	3006	26			3106	37	3206	50	3306	75
		3.000	3007	21			3107	30	3207	41	3307	63
		12.000	3008	6			3108	8	3208	11	3308	15
<b>0.500</b>	<b>0.283</b>	1.000	3009	110			3109	155	3209	225	3309	310
		1.250	3010	82			3110	122	3210	182	3310	240
		1.500	3011	68			3111	98	3211	148	3311	192
		1.750	3012	60			3112	85	3212	126	3312	170
		2.000	3013	55			3113	75	3213	110	3313	140
		2.500	3014	45			3114	60	3214	86	3314	115
		3.000	3015	35			3115	51	3215	74	3315	94
		3.500	3016	30			3116	40	3216	60	3316	80
		12.000	3017	7	3117	11	3217	17	3317	24		
<b>0.563</b>	<b>0.250</b>	1.000	<b>Thanks!</b>		501	260	<b>We can supply odd lengths on these die springs if your application requires.</b>					
		1.500			502	155						
		2.000			503	120						
		2.500			504	100						
		3.000			505	80						
		3.500			506	70						
		4.000			507	60						
		4.500			508	55						
5.000	509	45										



**DIE COMPRESSION SPRINGS - RECTANGULAR WIRE**

COLOR CODE MATERIAL Suggested deflection			BLUE Chrome Silicon 35% of free length		BLACK Carbon Steel 15% of free length		RED Chrome Silicon 25% of free length		GOLD Chrome Silicon 20% of free length		GREEN Chrome Silicon 17% of free length	
Hole	Rod	Length	Part #	Rate	P/N	Rate	Part #	Rate	Part #	Rate	Part #	Rate
0.625	0.343	1.000	3018	164	<b>We make people steel springs fast.</b>		3118	300	3218	424	3318	630
		1.250	3019	124			3119	215	3219	325	3319	438
		1.500	3020	108			3120	190	3220	280	3320	370
		1.750	3021	96			3121	168	3221	240	3321	310
		2.000	3022	86			3122	155	3222	208	3322	280
		2.500	3023	65			3123	115	3223	170	3323	220
		3.000	3024	58			3124	100	3224	140	3324	190
		3.500	3025	50			3125	85	3225	122	3325	154
		4.000	3026	44			3126	76	3226	108	3326	135
		12.000	3027	15			3127	26	3227	30	3327	45
0.750	0.375	1.000	3028	320	510	563	3128	500	3228	1080	3328	1400
		1.250	3029	256			3129	380	3229	880	3329	1100
		1.500	3030	200	511	376	3130	310	3230	690	3330	890
		1.750	3031	176			3131	270	3231	600	3331	750
		2.000	3032	150	512	264	3132	240	3232	515	3332	660
		2.500	3033	120	513	208	3133	188	3233	400	3333	500
		3.000	3034	101	514	176	3134	149	3234	330	3334	405
		3.500	3035	83	515	144	3135	128	3235	290	3335	345
		4.000	3036	75	516	128	3136	110	3236	250	3336	300
		4.500	3037	64	516A	112	3137	100	3237	220	3337	265
		5.000	3038	60	517	96	3138	90	3238	195	3338	235
		5.500	3039	55	517A	88	3139	80	3239	178	3339	215
		6.000	3040	50	518	80	3140	75	3240	160	3340	195
12.000	3041	24			3141	35	3241	80	3341	95		
1.000	0.500	1.000	3042	550	519	800	3142	827	3242	1932	<b>"Hole" means the size of hole the spring fits into. The outer diameter is slightly smaller than the hole dimensions. Likewise, "rod" means the size of rod the spring fits over. The inner diameter is slightly larger than the rod dimension</b>	
		1.250	3043	450			3143	653	3243	1465		
		1.500	3044	373	520	560	3144	538	3244	1200		
		1.750	3045	320			3145	461	3245	1040		
		2.000	3046	268	521	400	3146	400	3246	872		
		2.500	3047	209	522	312	3147	322	3247	665		
		3.000	3048	171	523	256	3148	267	3248	544		
		3.500	3049	145	524	216	3149	229	3249	456		
		4.000	3050	125	525	184	3150	202	3250	400		
		4.500	3051	111	526	168	3151	178	3251	352		
		5.000	3052	96	527	144	3152	157	3252	312		
		5.500	3053	88			3153	137	3253	288		
		6.000	3054	80	528	120	3154	125	3254	256		
		7.000	3055	72			3155	109	3255	224		
8.000	3056	60	529	80	3156	96	3256	192				
12.000	3057	40			3157	65	3257	128				
1.062	0.5	1.000	<b>The black springs are less expensive than the other four colors because they are made with carbon steel.</b>		529A	1440	<b>"Hole" means the size of hole the spring fits into. The outer diameter is slightly smaller than the hole dimensions. Likewise, "rod" means the size of rod the spring fits over. The inner diameter is slightly larger than the rod dimension</b>					
		1.500			530	660						
		2.000			531	520						
		2.500			531A	448						
		3.000			532	350						
		3.500			532A	312						
		4.000			533	255						
		4.500			534	215						
1.125	0.563	4.500	535	190								
		5.000	536	165								
		1.000	537	1200								
		1.500	537A	880								
		2.000	537B	600								
		2.500	538	464								
3.000	538A	390										
3.500	538B	327										
4.000	538C	280										
4.500	538D	250										

Continued on next page



**DIE COMPRESSION SPRINGS - RECTANGULAR WIRE**

COLOR CODE MATERIAL Suggested deflection			BLUE Chrome Silicon 35% of free length		BLACK Carbon Steel 15% of free length		RED Chrome Silicon 25% of free length		GOLD Chrome Silicon 20% of free length		GREEN Chrome Silicon 17% of free length	
Hole	Rod	Length	Part #	Rate	P/N	Rate	Part #	Rate	Part #	Rate	Part #	Rate
1.125	0.563	5.000	<b>Made in the USA</b>		538E	216	<b>Visit our website for more information and to order. www.springsfast.com</b>					
		6.000			539	176						
		7.000			539A	152						
		8.000			539B	128						
		10.000			540	104						
1.250	0.625	1.500	3058	496	541	1120	3158	1144	3258	2200		
		1.750	3059	406			3159	1008	3259	1816		
		2.000	3060	376	542	800	3160	838	3260	1496	3360	2050
		2.500	3061	288	543	616	3161	624	3261	1176	3361	1525
		3.000	3062	240	544	520	3162	512	3262	952	3362	1220
		3.500	3063	200	545	440	3163	440	3263	780	3363	1085
		4.000	3064	176	546	376	3164	381	3264	664	3364	890
		4.500	3065	160	546A	330	3165	329	3265	584	3365	835
		5.000	3066	143	547	288	3166	300	3266	530	3366	700
		5.500	3067	128	547A	264	3167	264	3267	472		
		6.000	3068	120	548	240	3168	250	3268	450	3368	575
		7.000	3069	104	548A	200	3169	210	3269	368		
		8.000	3070	88	549	168	3170	184	3270	328	3370	460
10.000	3071	72	550	136	3171	145	3271	256	3371	345		
12.000	3072	60			3172	124	3272	220	3372	270		
1.500	0.750	2.000	3073	530	551	1000	3173	1030	3273	1980	3373	4085
		2.500	3074	427	552	776	3174	812	3274	1550	3374	3285
		3.000	3075	360	553	648	3175	624	3275	1300	3375	2550
		3.500	3076	300	554	544	3176	540	3276	1064	3376	2135
		4.000	3077	249	555	472	3177	465	3277	912	3377	1845
		4.500	3078	230	556	416	3178	410	3278	816	3378	1625
		5.000	3079	210	557	360	3179	368	3279	730	3379	1450
		5.500	3080	185			3180	330	3280	670		
		6.000	3081	170	558	296	3181	295	3281	584	3381	1205
		7.000	3082	153			3182	255	3282	496		
		8.000	3083	132	559	208	3183	220	3283	432	3383	905
		10.000	3084	106	560	168	3184	176	3284	362	3384	710
12.000	3085	85			3185	144	3285	300	3385	550		
1.750	0.875	2.000	<b>The actual lengths are typically longer than listed to allow for set during use.</b>		561	1140	<b>To calculated the suggested load, multiply the (length) times (suggested % of deflection) times the (rate)</b>  <b>Example: 3058</b> <b>(1.5) x (.35) x (496) = 260 pounds</b>					
		2.500			561A	880						
		3.000			562	744						
		3.500			562A	616						
		4.000			562B	536						
		4.500			562C	472						
		5.000			562D	416						
		6.000			563	336						
		7.000			563A	280						
		8.000			564	240						
10.000	565	192										
2.000	1.000	2.500	3086	1000	566	1030	3186	1184	3286	2512	3386	4110
		3.000	3087	830	567	864	3187	930	3287	2060	3387	3190
		3.500	3088	677	567A	728	3188	782	3288	1700	3388	2764
		4.000	3089	600	568	624	3189	664	3289	1500	3389	2311
		4.500	3090	530	568A	552	3190	600	3290	1272	3390	1888
		5.000	3091	470	569	488	3191	534	3291	1186	3391	1804
		5.500	3092	405	569A	440	3192	490	3292	1077		
		6.000	3093	390	570	392	3193	450	3293	977	3393	1473
		7.000	3094	312	571	336	3194	374	3294	820		
		8.000	3095	285	572	280	3195	330	3295	730	3395	1116
		9.000			573	248						
		10.000	3096	216	574	224	3196	260	3296	572	3396	884
		12.000	3097	185	575	184	3197	215	3297	477	3397	712





## EXTENSION SPRINGS

Pages 33-36: **Standard Finished Ends** – a wide range of high carbon steel and stainless steel extension springs that meet **small budgets**. These all have hook or loops on the ends.

Pages 37-38: **Cut to Length** - 11" or 20" long springs that can be **cut to length**.

Page 38: **Extended Ends**– a group of stock items with unique extended ends.

### EXTENSION SPRINGS - FINISHED ENDS

This line of extension springs consists of carbon steel and stainless steel springs with standard hook or loops ends. There is a wide range of ODs and lengths to meet many needs and small budgets.

Outer Dia.	Wire Dia.	Overall length	Part #	Rate	Load	Initial Ten.	S*	T*	M*	F*
0.125	0.014	0.500	2121	2.40	0.76	0.15	C	L	MW	N
0.125	0.014	0.500	2700	2.08	0.63	0.15	C	L	SS	N
0.125	0.014	0.625	2125	1.57	0.76	0.15	C	L	MW	N
0.125	0.014	0.750	2129	1.16	0.76	0.15	C	L	MW	N
0.125	0.014	0.875	2139	0.93	0.76	0.15	C	L	MW	N
0.125	0.014	1.000	2143	0.77	0.76	0.15	C	L	MW	N
0.125	0.016	0.750	2130	2.40	1.10	0.26	C	L	MW	N
0.125	0.016	1.000	2144	1.59	1.10	0.26	C	L	MW	N
0.125	0.018	0.500	2122	9.56	1.52	0.41	C	L	MW	N
0.125	0.018	0.500	2703	8.31	1.52	0.41	C	L	SS	N
0.125	0.018	0.625	2126	6.21	1.52	0.41	C	L	MW	N
0.125	0.018	0.750	2131	4.60	1.52	0.41	C	L	MW	N
0.125	0.018	0.875	2140	3.65	1.52	0.41	C	L	MW	N
0.125	0.018	1.000	2145	3.03	1.52	0.41	C	L	MW	N
0.125	0.020	0.750	2132	8.28	2.04	0.58	C	L	MW	N
0.125	0.020	1.000	2146	5.44	2.04	0.58	C	L	MW	N
0.125	0.023	0.750	2133	18.28	2.98	0.98	C	L	MW	N
0.125	0.028	5.000	358	5.74	8.23	2.00	C	L	MW	Z
0.140	0.016	1.500	163-A	0.66	0.99	0.21	C	L	MW	N
0.140	0.016	1.875	163-B	0.50	0.99	0.21	C	L	MW	N

Outer Dia.	Wire Dia.	Overall length	Part #	Rate	Load	Initial Ten.	S*	T*	M*	F*
0.140	0.016	2.500	163-C	0.36	0.99	0.21	C	L	MW	N
0.156	0.020	1.500	164-A	1.57	1.67	0.40	C	L	MW	N
0.156	0.020	1.875	164-B	1.19	1.67	0.40	C	L	MW	N
0.156	0.020	2.500	164-C	0.84	1.67	0.40	C	L	MW	N
0.156	0.026	3.125	249	2.79	2.76	1.09	C	L	MW	N
0.156	0.031	4.812	357	4.71	8.81	2.02	C	L	MW	Z
0.187	0.015	1.500	165-A	0.19	0.63	0.08	C	L	MW	N
0.187	0.015	1.875	165-B	0.14	0.63	0.08	C	L	MW	N
0.187	0.015	2.500	165-C	0.10	0.63	0.08	C	L	MW	N
0.187	0.016	0.500	2123	2.77	0.75	0.11	C	L	MW	N
0.187	0.016	0.625	2127	1.29	0.75	0.11	C	L	MW	N
0.187	0.016	0.750	2134	0.84	0.75	0.11	C	L	MW	N
0.187	0.016	0.875	2141	0.62	0.75	0.11	C	L	MW	N
0.187	0.016	1.000	2033	0.50	0.75	0.11	C	L	MW	N
0.187	0.016	1.500	166-A	0.27	0.75	0.11	C	L	MW	N
0.187	0.016	1.875	166-B	0.20	0.75	0.11	C	L	MW	N
0.187	0.016	2.500	166-C	0.14	0.75	0.11	C	L	MW	N
0.187	0.016	3.000	2034	0.12	0.75	0.11	C	L	MW	N
0.187	0.018	0.750	2135	1.58	1.05	0.18	C	L	MW	N
0.187	0.018	1.000	2035	0.93	1.05	0.18	C	L	MW	N

**S\* END STYLE**

C = Crossover  
M = Machine

**T\* END TYPE**

H = Hooks  
L = Loops

**M\* TYPE OF MATERIAL**

SS = Stainless Steel  
MW = Music Wire  
MB = Hard Drawn

**F\* TYPE OF FINISH**

Z = Zinc  
N = No Finish



**EXTENSION SPRINGS - FINISHED ENDS**

Outer Dia.	Wire Dia.	Overall length	Part #	Rate	Load	Initial Ten.	S*	T*	M*	F*
0.187	0.018	1.500	2036	0.51	1.05	0.18	C	L	MW	N
0.187	0.018	2.000	2037	0.35	1.05	0.18	C	L	MW	N
0.187	0.018	2.500	2038	0.27	1.05	0.18	C	L	MW	N
0.187	0.018	3.000	2039	0.22	1.05	0.18	C	L	MW	N
0.187	0.020	0.500	2124	9.41	1.41	0.28	C	L	MW	N
0.187	0.020	0.625	2128	4.29	1.41	0.28	C	L	MW	N
0.187	0.020	0.750	2136	2.78	1.41	0.28	C	L	MW	N
0.187	0.020	0.875	2142	2.06	1.41	0.28	C	L	MW	N
0.187	0.020	1.000	2040	1.63	1.41	0.28	C	L	MW	N
0.187	0.020	1.500	2041	0.89	1.41	0.28	C	L	MW	N
0.187	0.020	1.750	245	0.73	1.13	0.28	C	L	MW	Z
0.187	0.020	2.000	2042	0.62	1.41	0.28	C	L	MW	N
0.187	0.020	2.500	2043	0.47	1.41	0.28	C	L	MW	N
0.187	0.020	3.000	2044	0.38	1.41	0.28	C	L	MW	N
0.187	0.023	0.750	2137	5.96	2.08	0.49	C	L	MW	N
0.187	0.023	1.000	2045	3.48	2.08	0.49	C	L	MW	N
0.187	0.023	1.500	2046	1.90	2.08	0.49	C	L	MW	N
0.187	0.023	2.000	2047	1.31	2.08	0.49	C	L	MW	N
0.187	0.023	2.500	2048	1.00	2.08	0.49	C	L	MW	N
0.187	0.023	3.000	2049	0.81	2.08	0.49	C	L	MW	N
0.187	0.025	0.750	2138	9.43	2.62	0.68	C	L	MW	N
0.187	0.025	1.000	2050	5.50	2.62	0.68	C	L	MW	N
0.187	0.025	1.500	167-A	3.00	2.62	0.68	C	L	MW	N
0.187	0.025	1.875	167-B	2.24	2.62	0.68	C	L	MW	N
0.187	0.025	2.500	167-C	1.57	2.62	0.68	C	L	MW	N
0.187	0.025	3.000	2051	1.27	2.62	0.68	C	L	MW	N
0.188	0.016	0.750	2701	0.72	0.71	0.11	C	L	SS	N
0.188	0.016	1.000	2702	0.42	0.71	0.11	C	L	SS	N
0.203	0.020	0.812	239	1.94	1.05	0.24	C	L	MW	Z
0.218	0.016	1.500	168-A	0.17	0.65	0.08	C	L	MW	N
0.218	0.016	1.875	168-B	0.13	0.65	0.08	C	L	MW	N
0.218	0.016	2.500	168-C	0.09	0.65	0.08	C	L	MW	N
0.218	0.020	1.000	238	1.09	0.98	0.20	C	L	MW	Z
0.218	0.020	1.500	169-A	0.57	1.22	0.20	C	L	MW	N
0.218	0.020	1.875	169-B	0.42	1.22	0.20	C	L	MW	N
0.218	0.020	2.500	169-C	0.29	1.22	0.20	C	L	MW	N
0.218	0.023	1.500	170-A	1.20	1.80	0.36	C	L	MW	N
0.218	0.023	1.875	170-B	0.88	1.80	0.36	C	L	MW	N
0.218	0.023	2.500	170-C	0.61	1.80	0.36	C	L	MW	N
0.218	0.023	5.000	108	0.27	1.80	0.36	C	L	MW	Z
0.218	0.025	3.250	308	0.70	2.27	0.51	C	L	MW	Z
0.250	0.015	1.500	171-A	0.09	0.47	0.04	C	L	MW	N
0.250	0.015	1.875	171-B	0.06	0.47	0.04	C	L	MW	N
0.250	0.015	2.500	171-C	0.04	0.47	0.04	C	L	MW	N
0.250	0.020	0.875	240	1.07	0.86	0.15	C	L	MW	Z
0.250	0.020	1.000	2052	0.79	1.07	0.15	C	L	MW	N

Outer Dia.	Wire Dia.	Overall length	Part #	Rate	Load	Initial Ten.	S*	T*	M*	F*
0.250	0.020	1.500	172-A	0.39	1.07	0.15	C	L	MW	N
0.250	0.020	1.875	172-B	0.28	1.07	0.15	C	L	MW	N
0.250	0.020	2.500	172-C	0.19	1.07	0.15	C	L	MW	N
0.250	0.020	3.000	2053	0.15	1.07	0.15	C	L	MW	N
0.250	0.023	1.000	2054	1.66	1.58	0.27	C	L	MW	N
0.250	0.023	1.000	2704	1.44	1.58	0.27	C	L	SS	N
0.250	0.023	1.500	173-A	0.81	1.58	0.27	C	L	MW	N
0.250	0.023	1.875	173-B	0.59	1.58	0.27	C	L	MW	N
0.250	0.023	2.500	173-C	0.40	1.58	0.27	C	L	MW	N
0.250	0.023	3.000	2055	0.32	1.58	0.27	C	L	MW	N
0.250	0.025	1.000	2056	2.59	2.00	0.39	C	L	MW	N
0.250	0.025	1.500	2057	1.26	2.00	0.39	C	L	MW	N
0.250	0.025	2.000	2058	0.84	2.00	0.39	C	L	MW	N
0.250	0.025	2.500	2059	0.62	2.00	0.39	C	L	MW	N
0.250	0.025	3.000	2060	0.50	2.00	0.39	C	L	MW	N
0.250	0.025	3.250	309	0.45	2.00	0.39	C	L	MW	Z
0.250	0.028	1.000	2061	4.79	2.74	0.61	C	L	MW	N
0.250	0.028	1.000	2705	4.17	2.74	0.61	C	L	SS	N
0.250	0.028	1.500	2062	2.33	2.74	0.61	C	L	MW	N
0.250	0.028	2.000	2063	1.54	2.74	0.61	C	L	MW	N
0.250	0.028	2.500	2064	1.15	2.74	0.61	C	L	MW	N
0.250	0.028	3.000	110	0.91	2.74	0.61	C	L	MW	Z
0.250	0.028	6.000	85	0.41	2.74	0.61	C	L	MW	Z
0.250	0.031	1.000	2065	8.35	3.64	0.91	C	L	MW	N
0.250	0.031	1.000	2706	7.26	3.64	0.91	C	L	SS	N
0.250	0.031	1.500	2066	4.04	3.64	0.91	C	L	MW	N
0.250	0.031	2.000	2067	2.67	3.64	0.91	C	L	MW	N
0.250	0.031	2.500	2068	1.99	3.64	0.91	C	L	MW	N
0.250	0.031	3.000	2086	1.59	3.64	0.91	C	L	MW	N
0.250	0.031	5.000	149	0.88	3.64	0.91	C	L	MW	Z
0.250	0.035	1.000	2069	16.34	4.11	1.46	C	L	MW	N
0.250	0.035	1.500	2070	7.88	4.11	1.46	C	L	MW	N
0.250	0.035	2.000	2071	5.19	4.11	1.46	C	L	MW	N
0.250	0.035	2.312	301	4.28	4.11	1.46	C	L	MB	Z
0.250	0.035	2.500	2087	3.87	4.11	1.46	C	L	MB	N
0.250	0.035	3.000	2088	3.08	4.11	1.46	C	L	MB	N
0.250	0.039	5.250	356	2.93	10.66	2.10	C	L	MW	Z
0.281	0.016	1.500	174-A	0.09	0.51	0.04	C	L	MW	N
0.281	0.016	1.875	174-B	0.06	0.51	0.04	C	L	MW	N
0.281	0.016	2.500	174-C	0.04	0.51	0.04	C	L	MW	N
0.281	0.025	1.500	175-A	0.92	1.79	0.30	C	L	MW	N
0.281	0.025	1.875	175-B	0.65	1.79	0.30	C	L	MW	N
0.281	0.025	2.500	175-C	0.44	1.79	0.30	C	L	MW	N
0.281	0.025	3.375	312	0.30	1.79	0.30	C	L	MW	Z
0.281	0.026	1.500	244	1.13	1.61	0.35	C	L	MW	Z
0.281	0.026	2.187	248	0.64	1.61	0.35	C	L	MW	N

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**EXTENSION SPRINGS - FINISHED ENDS**

Outer Dia.	Wire Dia.	Overall length	Part #	Rate	Load	Initial Ten.	S*	T*	M*	F*
0.281	0.028	3.250	310	0.57	2.46	0.48	C	L	MW	Z
0.281	0.035	6.000	84	0.94	3.69	1.17	C	L	MB	Z
0.297	0.041	4.250	86	2.75	5.42	1.95	C	L	MB	Z
0.312	0.020	1.250	242	0.30	0.69	0.08	C	L	MW	Z
0.312	0.020	1.500	176-A	0.22	0.86	0.08	C	L	MW	N
0.312	0.020	1.875	176-B	0.15	0.86	0.08	C	L	MW	N
0.312	0.020	2.500	176-C	0.10	0.86	0.08	C	L	MW	N
0.312	0.023	1.500	178-A	0.45	1.28	0.16	C	L	MW	N
0.312	0.023	1.875	178-B	0.31	1.28	0.16	C	L	MW	N
0.312	0.023	2.500	178-C	0.21	1.28	0.16	C	L	MW	N
0.312	0.023	3.000	2089	0.16	1.28	0.16	C	L	MW	N
0.312	0.023	4.000	2090	0.11	1.28	0.16	C	L	MW	N
0.312	0.025	1.500	177-A	0.70	1.62	0.23	C	L	MW	N
0.312	0.025	1.875	177-B	0.48	1.62	0.23	C	L	MW	N
0.312	0.025	2.500	177-C	0.32	1.62	0.23	C	L	MW	N
0.312	0.025	3.000	2091	0.25	1.62	0.23	C	L	MW	N
0.312	0.025	4.000	2092	0.18	1.62	0.23	C	L	MW	N
0.312	0.026	1.125	241	1.54	1.45	0.28	C	L	MW	N
0.312	0.028	1.500	2072	1.28	2.22	0.38	C	L	MW	N
0.312	0.028	2.000	2073	0.80	2.22	0.38	C	L	MW	N
0.312	0.028	2.500	2093	0.58	2.22	0.38	C	L	MW	N
0.312	0.028	3.000	109	0.46	2.22	0.38	C	L	MW	Z
0.312	0.028	4.000	2094	0.32	2.22	0.38	C	L	MW	N
0.312	0.031	1.500	2074	2.20	2.95	0.58	C	L	MW	N
0.312	0.031	1.750	246	1.69	2.38	0.58	C	L	MW	N
0.312	0.031	2.000	2075	1.38	2.95	0.58	C	L	MW	N
0.312	0.031	2.500	2095	1.01	2.95	0.58	C	L	MW	N
0.312	0.031	3.000	2096	0.79	2.95	0.58	C	L	MW	N
0.312	0.031	4.000	2111	0.55	2.95	0.58	C	L	MW	N
0.312	0.031	5.000	314	0.43	2.95	0.58	C	L	MW	Z
0.312	0.035	1.500	2076	4.23	3.35	0.96	C	L	MB	N
0.312	0.035	2.000	2077	2.65	3.35	0.96	C	L	MB	N
0.312	0.035	2.500	2097	1.93	3.35	0.96	C	L	MB	N
0.312	0.035	3.000	2098	1.52	3.35	0.96	C	L	MB	N
0.312	0.035	4.000	2112	1.60	3.35	0.96	C	L	MB	N
0.312	0.035	5.000	315	0.82	3.35	0.96	C	L	MB	Z
0.312	0.041	1.125	LOCK	9.51	2.44	1.78	C	L	BRASS	N
0.312	0.041	1.500	2078	10.03	5.18	1.78	C	L	MB	N
0.312	0.041	2.000	2099	6.27	5.18	1.78	C	L	MB	N
0.312	0.041	2.500	2100	4.56	5.18	1.78	C	L	MB	N
0.312	0.041	3.000	2101	3.59	5.18	1.78	C	L	MB	N
0.312	0.041	4.000	104	2.51	5.18	1.78	C	L	MB	Z
0.312	0.041	6.000	320	1.57	5.18	1.78	C	L	MB	Z
0.343	0.025	1.500	179-A	0.55	1.48	0.18	C	L	MW	N
0.343	0.025	1.875	179-B	0.38	1.48	0.18	C	L	MW	N
0.343	0.025	2.500	179-C	0.24	1.48	0.18	C	L	MW	N

Outer Dia.	Wire Dia.	Overall length	Part #	Rate	Load	Initial Ten.	S*	T*	M*	F*
0.343	0.025	4.500	307	0.12	1.48	0.18	C	L	MW	Z
0.343	0.026	1.437	243	0.74	1.33	0.22	C	L	MW	Z
0.343	0.028	1.500	180-A	1.01	2.03	0.31	C	L	MW	N
0.343	0.028	1.875	180-B	0.68	2.03	0.31	C	L	MW	N
0.343	0.028	2.500	180-C	0.44	2.03	0.31	C	L	MW	N
0.343	0.035	2.750	303	1.27	3.06	0.79	C	L	MB	Z
0.344	0.047	1.500	2710	14.30	9.21	2.49	C	L	SS	N
0.350	0.031	1.844	247	1.14	2.13	0.45	C	L	MW	N
0.375	0.028	1.500	2079	0.82	1.86	0.25	C	L	MW	N
0.375	0.028	2.000	2080	0.48	1.86	0.25	C	L	MW	N
0.375	0.028	2.500	2102	0.34	1.86	0.25	C	L	MW	N
0.375	0.028	3.000	2103	0.27	1.86	0.25	C	L	MW	N
0.375	0.028	4.000	2113	0.18	1.86	0.25	C	L	MW	N
0.375	0.028	4.500	305	0.16	1.86	0.25	C	L	MW	Z
0.375	0.031	1.500	2081	1.41	2.48	0.39	C	L	MW	N
0.375	0.031	2.000	2082	0.83	2.48	0.39	C	L	MW	N
0.375	0.031	2.500	2104	0.59	2.48	0.39	C	L	MW	N
0.375	0.031	3.000	2105	0.46	2.48	0.39	C	L	MW	N
0.375	0.031	4.000	2114	0.31	2.48	0.39	C	L	MW	N
0.375	0.031	4.500	107	0.27	2.48	0.39	C	L	MW	Z
0.375	0.035	1.500	2083	2.69	2.82	0.65	C	L	MB	N
0.375	0.035	1.500	2707	2.34	2.82	0.65	C	L	SS	N
0.375	0.035	2.000	2106	1.58	2.82	0.65	C	L	MB	N
0.375	0.035	2.000	2708	1.37	2.82	0.65	C	L	SS	N
0.375	0.035	2.500	311	1.12	2.82	0.65	C	L	MB	Z
0.375	0.035	3.000	2107	0.87	2.82	0.65	C	L	MB	N
0.375	0.035	3.000	2709	0.75	2.82	0.65	C	L	SS	N
0.375	0.035	4.000	150	0.60	2.82	0.65	C	L	MB	Z
0.375	0.041	1.500	2084	6.30	4.37	1.26	C	L	MB	N
0.375	0.041	2.000	2108	3.70	4.37	1.26	C	L	MB	N
0.375	0.041	2.500	2109	2.62	4.37	1.26	C	L	MB	N
0.375	0.041	3.000	2115	2.02	4.37	1.26	C	L	MB	N
0.375	0.041	3.750	87	1.51	4.37	1.26	C	L	MB	Z
0.375	0.041	4.000	2116	1.39	4.37	1.26	C	L	MB	N
0.375	0.041	6.000	83	0.86	4.37	1.26	C	L	MB	Z
0.375	0.047	1.500	2085	13.29	6.38	2.14	C	L	MB	N
0.375	0.047	2.000	2110	7.77	6.38	2.14	C	L	MB	N
0.375	0.047	2.500	2117	5.49	6.38	2.14	C	L	MB	N
0.375	0.047	3.000	2118	4.24	6.38	2.14	C	L	MB	N
0.375	0.047	4.000	2119	2.92	6.38	2.14	C	L	MB	N
0.375	0.047	4.500	105	2.52	6.38	2.14	C	L	MB	Z
0.406	0.035	4.500	306	0.40	2.61	0.54	C	L	MB	Z
0.437	0.028	4.500	304	0.10	1.61	0.16	C	L	MW	Z
0.437	0.035	2.750	88	0.63	2.43	0.46	C	L	MB	Z
0.437	0.041	4.500	106	0.75	3.78	0.90	C	L	MB	Z
0.437	0.047	8.500	119	2.71	5.53	1.58	M	L	MB	N

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**EXTENSION SPRINGS - FINISHED ENDS**

Outer Dia.	Wire Dia.	Overall length	Part #	Rate	Load	Initial Ten.	S*	T*	M*	F*
0.437	0.054	8.500	120	1.51	8.12	2.75	M	L	MB	Z
0.437	0.062	6.000	82	4.73	11.86	4.69	M	L	MB	Z
0.437	0.072	8.500	121	7.36	17.80	8.24	M	L	MB	N
0.468	0.041	4.500	302	0.61	3.54	0.77	C	L	MB	Z
0.484	0.062	4.625	2711	3.97	13.92	3.73	M	L	SS	N
0.500	0.047	8.500	122	0.46	4.87	1.19	M	L	MB	N
0.500	0.054	8.500	123	0.97	7.16	2.11	M	L	MB	N
0.500	0.062	4.000	2120	5.33	10.49	3.63	C	L	MB	N
0.500	0.062	4.500	92	4.25	10.48	3.65	M	L	MB	Z
0.500	0.072	5.000	94	8.49	15.79	6.49	M	L	MB	Z
0.531	0.080	1.875	COT	53.49	19.92	8.69	M	H	MB	Z
0.531	0.091	3.500	80	40.31	28.21	14.08	M	L	MB	Z
0.562	0.047	4.000	91	0.85	4.35	0.91	C	L	MB	Z
0.562	0.054	8.500	124	0.66	6.41	1.65	M	L	MB	N
0.562	0.062	8.500	125	1.39	9.40	2.90	M	L	MB	N
0.562	0.072	5.000	95	5.75	14.17	5.22	M	L	MB	Z
0.562	0.080	8.500	126	5.55	18.93	7.85	M	L	MB	N
0.562	0.091	3.250	81	36.86	26.81	12.73	M	L	MB	Z
0.625	0.062	8.500	127	0.98	8.51	2.32	M	L	MB	N
0.625	0.072	8.500	128	2.20	12.86	4.26	M	L	MB	N
0.625	0.080	6.500	99	5.31	17.18	6.45	M	L	MB	Z
0.625	0.091	8.500	129	7.88	24.43	10.58	M	L	MB	N
0.688	0.062	8.500	130	0.72	7.77	1.89	M	L	MB	N
0.688	0.072	5.000	96	3.05	11.76	3.51	M	L	MB	Z
0.688	0.080	5.500	97	4.78	15.72	5.36	M	L	MB	Z
0.688	0.091	2.500	2713	26.62	29.43	8.87	M	L	SS	N
0.688	0.091	4.750	93	11.62	22.39	8.87	M	L	MB	Z
0.688	0.105	4.000	342	32.34	33.04	15.32	M	L	MB	N
0.719	0.105	4.250	2716	22.48	42.76	13.60	M	L	SS	N
0.734	0.091	4.000	2714	10.45	26.83	7.54	M	L	SS	N
0.750	0.062	3.500	79	1.75	7.15	1.54	M	L	MB	Z
0.750	0.062	4.500	75	1.22	7.15	1.54	M	L	MB	Z
0.750	0.072	8.500	131	1.22	10.84	2.93	M	L	MB	N
0.750	0.080	2.812	2712	8.47	15.46	1.39	M	L	SS	N
0.750	0.080	8.500	132	2.15	14.50	4.51	M	L	MB	N
0.750	0.091	6.500	100	5.93	20.68	7.54	M	L	MB	Z
0.750	0.105	2.250	316	65.11	30.58	13.12	M	H	MB	Z
0.750	0.105	2.437	317	54.26	30.58	13.12	M	H	MB	Z
0.750	0.105	2.625	318	46.51	30.58	13.12	M	H	MB	Z
0.750	0.105	2.875	319	40.70	30.58	13.12	M	H	MB	Z
0.750	0.105	3.125	89	36.18	30.58	13.12	M	H	MB	Z
0.750	0.105	3.750	77	27.13	30.58	13.12	M	H	MB	Z
0.750	0.105	3.813	2715	23.02	32.16	13.12	M	L	SS	N
0.812	0.062	8.500	133	0.43	6.63	0.43	M	L	MB	Z
0.812	0.072	8.500	134	0.95	10.05	2.45	M	L	MB	N
0.812	0.080	8.500	135	1.67	13.46	3.82	M	L	MB	N

Outer Dia.	Wire Dia.	Overall length	Part #	Rate	Load	Initial Ten.	S*	T*	M*	F*
0.812	0.091	8.500	136	3.33	19.20	6.45	M	L	MB	N
0.812	0.120	4.000	76	40.55	40.90	18.89	M	L	MB	Z
0.813	0.120	4.000	2720	35.13	54.50	18.89	M	L	SS	N
0.875	0.062	8.500	137	0.34	6.17	1.05	M	L	MB	N
0.875	0.080	8.500	138	1.32	12.54	3.24	M	L	MB	N
0.875	0.091	3.500	78	8.88	17.90	5.54	M	L	MB	Z
0.875	0.091	6.000	98	4.05	17.90	5.54	M	L	MB	Z
0.875	0.105	5.500	333	9.84	26.54	9.82	M	L	MB	N
0.875	0.105	7.750	2717	5.52	33.50	9.82	M	L	SS	N
0.875	0.105	8.500	139	5.67	26.54	9.82	M	L	MB	N
0.875	0.120	6.000	343	18.20	38.23	16.50	M	L	MB	N
0.937	0.072	8.500	140	0.61	8.76	1.74	M	L	MB	N
0.937	0.080	8.500	141	1.07	11.74	2.77	M	L	MB	N
0.937	0.091	8.500	142	2.12	16.78	4.79	M	L	MB	N
0.937	0.105	8.500	143	4.56	24.90	8.59	M	L	MB	N
1.000	0.080	8.500	144	0.87	11.03	2.38	M	L	MB	N
1.000	0.091	8.500	145	1.73	15.78	4.15	M	L	MB	N
1.000	0.105	7.500	102	4.34	23.43	7.52	M	L	MB	Z
1.000	0.105	8.500	2718	3.23	23.43	7.52	M	L	SS	N
1.000	0.105	12.000	2719	2.14	23.43	7.52	M	L	SS	N
1.000	0.120	8.500	146	7.63	33.81	12.83	M	L	MB	N
1.000	0.192	4.875	90	223.38	119.93	76.09	M	L	MB	N
1.062	0.080	8.500	147	0.73	10.41	2.05	M	L	MB	N
1.062	0.091	8.500	148	1.44	14.90	3.62	M	L	MB	N
1.062	0.105	7.000	101	3.90	22.13	6.63	M	L	MB	Z
1.062	0.135	8.000	344	12.90	44.14	18.13	M	L	MB	N
1.125	0.091	7.500	103	1.42	14.10	3.16	M	L	MB	Z
1.125	0.105	16.000	334	1.22	20.96	5.85	M	L	MB	N
1.125	0.148	10.000	345	13.41	53.78	23.24	M	L	MB	N
1.125	0.148	10.000	2721	11.66	68.30	23.24	M	L	SS	N
1.250	0.162	12.000	346	12.50	62.45	27.07	M	L	MB	N
1.250	0.162	12.000	2722	10.87	78.61	27.07	M	L	SS	N
1.250	0.207	8.000	2724	70.75	152.94	65.96	M	L	SS	N
1.375	0.177	14.000	347	12.35	72.80	31.91	M	L	MB	N
1.375	0.207	7.000	2723	63.03	140.57	55.79	M	L	SS	N
1.375	0.225	7.250	331	109.83	139.07	79.48	M	L	MB	N
1.500	0.135	12.000	332	2.64	31.92	8.92	M	L	MB	N
1.563	0.207	16.000	348	16.29	99.03	46.03	M	L	MB	N
1.875	0.243	8.750	2725	42.79	155.18	58.50	M	L	SS	N

**S\* END STYLE**  
C = Crossover  
M = Machine

**T\* END TYPE**  
H = Hooks  
L = Loops

**M\* TYPE OF MATERIAL**  
SS = Stainless Steel  
MW = Music Wire  
MB = Hard Drawn

**F\* TYPE OF FINISH**  
Z = Zinc  
N = No Finish



### EXTENSION SPRINGS - CARBON STEEL - 11 INCH LONG

These springs are ideal to cut to the length required for your application. Just cut the spring with a hand held nipper of abrasive cut off wheel to the desired length and have an economical solution for many situations. All springs are 11 inches overall length with looped ends and no finish. Our #6E assortments contains one of each of the springs listed below.

Outer Dia.	Wire Dia.	Part #	Rate	Load	Initial Ten.
0.125	0.014	676	0.05	0.76	0.15
0.125	0.016	677	0.11	1.10	0.26
0.125	0.018	678	0.21	1.52	0.41
0.125	0.025	679	1.30	3.72	1.38
0.156	0.016	680	0.05	0.89	0.17
0.156	0.018	681	0.10	1.24	0.27
0.156	0.020	682	0.17	1.67	0.40
0.187	0.016	683	0.03	0.75	0.11
0.187	0.018	684	0.05	1.05	0.18
0.187	0.020	685	0.09	1.41	0.28
0.187	0.023	686	0.20	2.08	0.49
0.187	0.025	687	0.31	2.62	0.68
0.250	0.013	659	0.00	0.32	0.02
0.250	0.018	658	0.02	0.79	0.09
0.250	0.020	688	0.04	1.07	0.15
0.250	0.023	689	0.08	1.58	0.27
0.250	0.025	656	0.12	2.00	0.39
0.250	0.028	690	0.22	2.74	0.61
0.250	0.031	653	0.37	3.64	0.91
0.250	0.035	691	0.73	4.11	1.46

Outer Dia.	Wire Dia.	Part #	Rate	Load	Initial Ten.
0.312	0.020	657	0.02	0.86	0.08
0.312	0.023	692	0.04	1.28	0.16
0.312	0.025	655	0.06	1.62	0.23
0.312	0.028	693	0.10	2.22	0.38
0.312	0.031	652	0.18	2.95	0.58
0.312	0.035	694	0.34	3.35	0.96
0.312	0.037	649	0.46	4.83	1.19
0.312	0.041	695	0.81	5.18	1.78
0.375	0.025	654	0.03	1.36	0.14
0.375	0.028	696	0.06	1.86	0.25
0.375	0.031	651	0.10	2.48	0.39
0.375	0.035	697	0.19	2.82	0.65
0.375	0.037	648	0.25	4.07	0.82
0.375	0.041	698	0.44	4.37	1.26
0.375	0.047	645	0.92	6.38	2.14
0.437	0.035	699	0.12	2.43	0.46
0.437	0.047	371	0.55	5.53	1.58
0.437	0.054	372	1.14	8.12	2.75
0.500	0.031	650	0.04	1.88	0.18

Outer Dia.	Wire Dia.	Part #	Rate	Load	Initial Ten.
0.500	0.037	647	0.10	3.09	0.42
0.500	0.041	373	0.17	3.33	0.66
0.500	0.047	644	0.36	4.87	1.19
0.500	0.054	374	0.73	7.16	2.11
0.500	0.062	641	1.54	10.48	3.65
0.625	0.037	646	0.05	2.49	0.23
0.625	0.047	643	0.18	3.93	0.70
0.625	0.054	375	0.35	5.80	1.30
0.625	0.062	640	0.74	8.51	2.32
0.625	0.072	376	1.65	12.86	4.26
0.625	0.080	637	2.91	17.18	6.45
0.750	0.047	642	0.10	3.30	0.43
0.750	0.062	639	0.41	7.15	1.54
0.750	0.080	636	1.60	14.50	4.51
0.750	0.091	634	3.20	20.68	7.54
1.000	0.062	638	0.17	5.42	0.73
1.000	0.080	635	0.64	11.03	2.38
1.000	0.091	633	1.27	15.78	4.15
1.000	0.105	632	2.72	23.43	7.52

### EXTENSION SPRINGS - STAINLESS STEEL - 11 INCH LONG

Like the 11 inch carbon springs above, these are ideal to cut to length required for your project. All are mad of 302 stainless steel for corrosion resistance and temperatures up to 550 degrees. They are all 11 inches overall with looped ends and no finish.

Outer Dia.	Wire Dia.	Part #	Rate	Load	Initial Ten.
0.125	0.014	ST676	0.05	0.63	0.15
0.125	0.018	ST678	0.18	1.29	0.41
0.125	0.025	ST679	1.14	3.20	1.38
0.187	0.025	ST687	0.27	2.25	0.68
0.250	0.031	ST653	0.33	3.14	0.91
0.375	0.031	ST651	0.09	2.15	0.39
0.375	0.047	ST645	0.80	6.86	2.14
0.500	0.031	ST650	0.03	1.63	0.03

Outer Dia.	Wire Dia.	Part #	Rate	Load	Initial Ten.
0.500	0.031	ST650	0.03	1.63	0.03
0.500	0.038	ST647	0.10	2.89	0.10
0.500	0.041	ST373	0.15	3.58	0.15
0.500	0.047	ST644	0.31	5.24	0.31
0.500	0.054	ST374	0.63	7.70	0.63
0.500	0.062	ST641	1.34	11.26	1.34
0.625	0.062	ST640	0.64	9.14	2.33
0.625	0.080	ST637	2.53	18.32	6.45

Outer Dia.	Wire Dia.	Part #	Rate	Load	Initial Ten.
0.750	0.047	ST642	0.08	3.55	0.43
0.750	0.062	ST639	0.36	7.68	1.54
0.750	0.080	ST636	1.39	15.46	4.51
0.750	0.091	ST634	2.78	21.92	7.54
1.000	0.062	ST638	0.15	5.82	0.73
1.000	0.080	ST635	0.56	11.76	2.38
1.000	0.091	ST633	1.10	16.73	4.15
1.000	0.105	ST632	2.37	24.64	7.52



### EXTENSION SPRINGS - STAINLESS STEEL - 20 INCH LONG

Like the springs on the previous page, these are ideal to cut to the length required for your project. All are made of 302 stainless steel for corrosion resistance and temperatures up to 550 degrees. They are 20 inch long with plain ends and no finish.

Outer Dia.	Wire Dia.	Part #	Rate	Load	Initial Ten.	Outer Dia.	Wire Dia.	Part #	Rate	Load	Initial Ten.	Outer Dia.	Wire Dia.	Part #	Rate	Load	Initial Ten.
0.125	0.013	751	0.02	0.51	0.11	0.312	0.028	804	0.05	1.92	0.38	0.562	0.054	775	0.22	6.90	1.65
0.125	0.015	752	0.04	0.77	0.20	0.312	0.032	766	0.10	2.79	0.67	0.562	0.062	829	0.46	10.10	2.90
0.125	0.017	753	0.07	1.10	0.33	0.312	0.035	826	0.15	3.59	0.96	0.562	0.072	776	1.03	15.19	5.23
0.125	0.020	754	0.17	1.73	0.60	0.312	0.041	767	0.36	5.58	1.78	0.562	0.091	777	3.75	28.47	12.76
0.125	0.023	800	0.38	2.55	0.98	0.312	0.047	805	0.77	8.11	2.88	0.625	0.062	812	0.32	9.14	2.32
0.187	0.015	755	0.01	0.53	0.08	0.375	0.032	768	0.05	2.35	0.44	0.625	0.072	778	0.72	13.76	4.26
0.187	0.017	756	0.02	0.75	0.14	0.375	0.035	806	0.08	3.02	0.65	0.625	0.091	779	2.57	25.90	10.58
0.187	0.020	757	0.04	1.20	0.28	0.375	0.041	769	0.19	4.70	1.25	0.750	0.047	813	0.04	3.55	0.43
0.187	0.026	758	0.18	2.51	0.79	0.375	0.047	807	0.41	6.86	2.14	0.750	0.072	830	0.39	11.60	2.93
0.187	0.028	801	0.27	3.09	1.01	0.375	0.054	770	0.87	10.04	3.65	0.750	0.091	780	1.37	21.92	7.54
0.250	0.015	759	0.00	0.40	0.04	0.375	0.062	808	1.86	14.59	5.90	0.750	0.105	814	2.96	32.16	13.12
0.250	0.017	760	0.01	0.57	0.07	0.406	0.035	809	0.06	2.80	0.52	0.750	0.120	815	6.18	45.75	20.88
0.250	0.020	761	0.02	0.91	0.15	0.437	0.035	827	0.05	2.61	0.46	1.000	0.080	816	0.26	11.76	2.38
0.250	0.023	824	0.03	1.36	0.27	0.437	0.041	771	0.12	4.07	0.90	1.000	0.091	817	0.52	16.73	4.15
0.250	0.026	762	0.07	1.92	0.45	0.437	0.047	828	0.24	5.95	1.58	1.000	0.105	818	1.11	24.64	7.52
0.250	0.028	802	0.10	2.36	0.61	0.437	0.054	772	0.51	8.73	2.75	1.000	0.120	819	2.27	35.24	12.83
0.250	0.032	763	0.20	3.44	1.03	0.500	0.047	810	0.15	5.24	1.19	1.125	0.105	820	0.75	22.04	5.85
0.250	0.035	803	0.33	4.41	1.46	0.500	0.054	773	0.30	7.70	2.11	1.125	0.135	821	2.87	43.21	15.59
0.312	0.020	764	0.01	0.74	0.08	0.500	0.062	811	0.68	11.26	3.65	1.500	0.135	822	1.09	32.96	8.92
0.312	0.023	825	0.02	1.10	0.16	0.500	0.072	774	1.55	16.89	6.49	1.500	0.162	823	2.89	53.52	18.22
0.312	0.026	765	0.03	1.55	0.28												

### EXTENDED EXTENSION SPRINGS - CARBON STEEL

Our extended extension springs are unique to our regular extension springs. All have at least one elongated end. The "Ends" column will detail each part number's end style.

Outer Dia.	Wire Dia.	Overall Length	Part #	Rate	Load	Initial Ten.	M*	F*	Ends
0.250	0.035	4.000	367	7.87	5.26	1.42	MB	G	EXTENDED HOOKS UNEQUAL LENGTHS
0.250	0.039	1.625	363	19.42	7.29	1.95	MB	G	ONE EXTENDED HOOK and 1 LOOP
0.250	0.041	3.500	369	10.67	8.35	2.61	MB	G	EXTENDED HOOKS UNEQUAL LENGTHS
0.250	0.041	6.062	355	3.93	9.36	2.54	MB	G	EXTENDED HOOKS EQUAL LENGTHS
0.250	0.047	1.750	370	59.90	18.30	4.1	MW	N	EXTENDED HOOKS UNEQUAL LENGTHS
0.281	0.047	2.375	365	21.32	11.75	3.44	MB	G	EXTENDED HOOKS EQUAL LENGTHS
0.312	0.023	2.500	366	0.34	1.20	0.15	MW	G	EXTENDED HOOKS EQUAL LENGTHS
0.312	0.041	2.000	364	8.70	6.43	1.73	MB	G	1 EXTENDED HOOK and 1 LOOP
0.328	0.039	2.000	360	3.20	8.32	1.28	MW	Z	1 SIDE LOOP and 1 LOOP FLAT
0.375	0.054	5.812	354	4.69	13.44	3.5	MB	G	EXTENDED HOOKS EQUAL LENGTHS
0.375	0.062	5.500	378	14.62	17.94	6.06	MB	G	1 EXTENDED HOOK and 1 LOOP
0.406	0.041	3.562	359	1.97	5.35	1.02	MB	G	1 EXTENDED LEG and 1 EXTENDED LOOP
0.437	0.054	5.812	353	2.72	11.36	2.64	MB	G	EXTENDED HOOKS EQUAL LENGTHS
0.468	0.054	1.875	361	5.11	10.36	2.31	MB	G	EXTENDED HOOKS EQUAL LENGTHS
0.500	0.062	5.812	352	4.25	14.68	3.52	MB	G	EXTENDED HOOKS EQUAL LENGTHS
0.500	0.080	5.250	377	26.27	27.74	9.51	MB	G	EXTENDED HOOKS EQUAL LENGTHS
0.562	0.072	3.750	368	29.44	17.60	4.13	MB	G	EXTENDED HOOKS EQUAL LENGTHS
0.562	0.072	5.000	379	9.73	17.60	5.08	MB	G	1 EXTENDED HOOK and 1 LOOP
0.750	0.072	4.218	350	2.60	14.30	2.8	MB	G	1 EXTENDED LEG and 1 HOOK
0.750	0.091	10.250	362	9.19	25.64	7.31	MB	G	EXTENDED HOOKS UNEQUAL LENGTHS
0.812	0.105	2.843	351	26.73	39.81	10.88	MB	G	1 EXTENDED LEG and 1 HOOK

**M\* TYPE OF MATERIAL**  
 MW = Music Wire  
 MB = Hard Drawn

**F\* TYPE OF FINISH**  
 Z = Zinc  
 N = No Finish  
 G = Galvanized



### TORSION SPRINGS - CARBON STEEL

This line is new to our catalog. All are made of music wire with no finish. Each part number is available in a right hand or left hand direction of wind. For right hand add TMR– in front of the part number below and TML– for left hand. They are first sorted by the degrees of deflection; this represents the resting leg angle, as well as the degrees of deflection at the torque stated.

Outer Dia.	Wire Dia.	Rod Dia.	Leg Length	Part #	D*	T*	SL*	C*
0.104	0.012	0.062	0.375	0104-012	120	0.04	0.078	5.17
0.105	0.012	0.065	0.375	0105-012	90	0.05	0.054	3.25
0.160	0.017	0.093	0.500	0160-017	120	0.11	0.111	5.17
0.178	0.018	0.109	0.500	0178-018	90	0.15	0.080	3.25
0.186	0.021	0.109	0.750	0186-021	180	0.25	0.173	7.00
0.217	0.018	0.140	0.750	0217-018	180	0.15	0.109	5.00
0.234	0.018	0.156	0.750	0234-018	90	0.15	0.058	2.25
0.235	0.025	0.140	0.750	0235-025	120	0.33	0.154	5.17
0.249	0.017	0.170	0.375	0249-017	180	0.13	0.090	4.00
0.281	0.030	0.187	1.000	0281-030	120	0.58	0.196	5.17
0.304	0.035	0.187	1.250	0304-035	180	1.07	0.290	7.00
0.305	0.025	0.203	1.000	0305-025	180	0.42	0.151	5.00
0.309	0.041	0.187	1.250	0309-040	120	1.43	0.287	6.17
0.315	0.035	0.187	1.250	0315-035	120	0.96	0.216	5.17
0.325	0.043	0.187	1.250	0325-043	120	1.82	0.323	6.17
0.340	0.028	0.235	1.000	0340-028	180	0.55	0.175	5.00
0.363	0.037	0.240	1.250	0363-038	180	1.28	0.315	7.00
0.366	0.032	0.250	1.000	0366-032	180	0.88	0.200	5.00
0.371	0.018	0.266	1.000	0371-018	360	0.15	0.117	5.50
0.373	0.028	0.250	1.000	0373-028	90	0.55	0.091	2.25
0.373	0.030	0.250	1.000	0373-030	120	0.52	0.166	4.17
0.377	0.030	0.250	1.000	0377-030	270	0.68	0.280	7.75
0.380	0.039	0.250	1.250	0380-039	120	1.22	0.254	5.17
0.386	0.037	0.250	1.250	0386-038	90	1.28	0.170	3.25
0.400	0.047	0.250	1.250	0400-047	120	2.07	0.353	6.17
0.430	0.051	0.275	2.000	0430-051	180	3.10	0.470	8.00
0.453	0.045	0.312	1.250	0453-045	90	2.15	0.191	3.25
0.484	0.055	0.296	2.000	0484-054	120	3.54	0.333	5.17
0.499	0.059	0.312	2.000	0499-059	90	4.50	0.320	4.25
0.508	0.041	0.343	2.000	0508-040	360	1.50	0.470	10.50
0.519	0.051	0.343	2.000	0519-050	180	1.50	0.242	5.00
0.526	0.059	0.335	2.000	0526-059	180	4.50	0.540	8.00
0.555	0.051	0.406	2.000	0555-051	120	2.40	0.332	5.17
0.556	0.051	0.375	2.000	0556-051	180	3.10	0.365	5.00
0.560	0.062	0.343	2.000	0560-063	120	5.68	0.389	5.17
0.575	0.045	0.390	2.000	0575-045	180	2.15	0.280	5.00

Outer Dia.	Wire Dia.	Rod Dia.	Leg Length	Part #	D*	T*	SL*	C*
0.575	0.045	0.390	2.000	0575-045	180	2.15	0.280	5.00
0.619	0.047	0.406	2.000	0619-048	180	2.75	0.292	5.00
0.625	0.070	0.406	2.000	0625-070	180	7.50	0.640	8.00
0.654	0.055	0.460	2.000	0654-054	180	3.50	0.390	6.00
0.672	0.075	0.418	2.000	0672-075	180	9.20	0.689	8.00
0.675	0.062	0.469	2.000	0675-063	90	5.50	0.268	3.25
0.675	0.062	0.468	2.000	0675-062	120	4.32	0.404	5.17
0.678	0.080	0.406	2.000	0678-078	120	9.26	0.559	6.17
0.681	0.059	0.470	2.000	0681-059	180	4.50	0.425	6.00
0.725	0.070	0.500	2.000	0725-070	120	6.57	0.456	5.17
0.748	0.085	0.467	2.500	0748-085	90	12.86	0.455	4.25
0.754	0.070	0.531	2.000	0754-070	90	7.50	0.298	3.25
0.757	0.075	0.486	2.000	0757-075	180	9.20	0.612	7.00
0.781	0.080	0.500	2.000	0781-078	180	10.45	0.637	7.00
0.810	0.070	0.565	2.000	0810-070	180	7.50	0.500	6.00
0.848	0.105	0.500	3.500	0848-105	90	21.00	0.656	5.25
0.871	0.095	0.554	3.000	0871-095	90	17.14	0.509	4.25
0.872	0.095	0.625	3.000	0872-095	120	15.75	0.713	6.17
0.891	0.085	0.580	2.500	0891-085	180	12.86	0.694	7.00
0.920	0.095	0.593	3.000	0920-095	180	17.14	0.872	8.00
0.978	0.115	0.594	4.000	0978-115	90	28.00	0.594	5.25
0.982	0.105	0.609	3.500	0982-105	180	21.00	1.050	9.00
1.038	0.095	0.686	3.000	1038-095	180	17.14	0.775	7.00
1.050	0.100	0.750	3.000	1050-100	120	15.80	0.750	6.17
1.086	0.115	0.688	4.000	1086-115	270	28.00	1.696	13.75
1.101	0.135	0.666	4.000	1101-135	120	44.36	1.102	7.17
1.102	0.135	0.666	4.000	1102-135	90	40.00	0.978	6.25
1.110	0.095	0.812	3.000	1110-095	90	17.14	0.404	3.25
1.342	0.105	1.031	3.500	1342-105	90	21.00	0.446	3.25
1.342	0.110	1.000	3.500	1342-110	120	21.28	0.716	5.17
1.348	0.115	0.859	4.000	1348-115	180	28.00	0.920	7.00
1.372	0.125	1.031	4.000	1372-125	90	32.00	0.656	4.25
1.450	0.115	1.094	4.000	1450-115	90	28.00	0.489	3.25
1.492	0.135	1.125	4.000	1492-135	90	40.00	0.709	4.25
1.493	0.135	1.125	4.000	1493-135	120	43.88	0.878	5.17
1.660	0.135	1.112	4.000	1660-135	270	40.00	1.721	11.75

**D\* DEGREES OF DEFLECTION AND RESTING ANGLE (DEGREES)**

**T\* TORQUE (LBS\*INCH)**

**SL\* SPRING LENGTH AT TORQUE (INCH)**

**C\* NUMBER OF COILS**