



MATIS

COMPRESSION ASSORTMENT NO. 450

REFILLS PACKED 12 PER BOX

Small Music Wire Compression Springs (sizes larger than .075 are carbon steel). Contains 2 each of the Springs listed below. Stocked only in 10" lengths.

Stock No.	Hole Dia.	Wire Dia.	Coils Per Inch	Pounds Per In. of Compression	Approx Solid Height Inches	Max. Safe Load Pounds
93-010	3/32	.010	28	.135	2.80	Solid
93-014	3/32	.014	28½	.6	3.99	1.5
2-012	¼	.012	25	.11	3.0	Solid
2-016	¼	.016	25	.4	4.0	2.5
3-014	3/16	.014	14	.1	1.96	1
3-018	3/16	.018	14	.3	2.52	2¼
3-026	3/16	.026	13	1.95	3.38	8
3-035	3/16	.035	19	5.6	6.65	18¾
4-018	¼	.018	9½	.31	1.71	1¼
4-022	¼	.022	11	.33	2.42	2.5
4-026	¼	.026	9½	.78	2.47	5½
4-031	¼	.031	10	1.6	3.10	9
4-035	¼	.035	13	2.3	4.55	12½
4-041	¼	.041	9	6.25	3.69	22
4-047	¼	.047	10	11	4.70	32
5-022	5/16	.022	10	.175	2.20	1.5
5-031	5/16	.031	11	.65	3.41	4¼
5-037	5/16	.037	11	1.5	4.07	9
5-041	5/16	.041	8	3.25	3.28	17
5-047	5/16	.047	7½	6.5	3.53	25
5-055	5/16	.055	8	12.5	4.40	40
6-031	¾	.031	11	.57	3.41	3¾
6-035	¾	.035	10	.675	3.50	5
6-043	¾	.043	7	2.15	3.01	15
6-047	¾	.047	8½	2.8	4.0	17
6-055	¾	.055	6	8.2	3.30	32
6-062	¾	.062	6½	13	4.03	43
6-075	¾	.075	7	28	5.25	80
7-035	7/16	.035	7	.55	2.45	4
7-047	7/16	.047	7	2	3.29	13
7-055	7/16	.055	6	4.7	3.30	25
7-062	7/16	.062	6½	7.4	4.03	40
7-075	7/16	.075	5½	20	4.125	65
7-085	7/16	.085	6	35	5.10	65
8-035	½	.035	9	.28	3.15	2
8-047	½	.047	7½	1.2	3.53	7
8-055	½	.055	7	2.5	3.85	16
8-062	½	.062	4	7.4	2.40	32
8-075	½	.075	4½	15	3.375	55
8-091	½	.091	5	33	4.55	65
8-115	½	.115	5½	95	6.325	135

JIG AND FIXTURE SPRING ASSORTMENT No. 500

Includes 1 each of the springs listed below—
Stocked in 18" lengths only. Open ends.

Catalog Number	Hole Size	Rod Diam.	Wire Size	Coils Inch	Pressure at Solid (In lbs.)
DS-221	½	¾	.041	4½	7
DS-222	½	¾	.054	4	18
DS-223	9/16	¾	.062	5¾	45
DS-224	9/16	¾	.072	4	50
DS-225	¾	½	.054	3	15
DS-226	11/16	½	.062	3	22
DS-227	11/16	½	.072	3¼	44
DS-228	11/16	½	.068	3½	30
DS-229	13/16	¾	.062	2½	20
DS-230	13/16	¾	.080	2½	40
DS-231	7/8	¾	.098	2¼	60
DS-232	15/16	¾	.125	2¾	145
DS-232A	17/16	13/16	.125	2¾	90
DS-233	15/16	¾	.080	2½	30
DS-234	1	¾	.098	2	60
DS-235	11/16	¾	.125	2	110
DS-235A	11/8	¾	.135	3	110
DS-236	11/16	7/8	.085	2¼	35
DS-237	13/16	7/8	.125	2	95
DS-238	13/16	1	.090	1¾	40
DS-239	13/8	1	.148	1¾	145
DS-240	15/16	1¼	.148	1½	125
DS-241	17/16	1½	.148	1¾	80

Assortments may be ordered complete or by single unit parts. Specify catalog number when buying.

EXTENSION ASSORTMENT No. 375

27 selected springs

Catalog Number	Outside Diam.	Free Length	Wire Size	Rate Per Inch	Safe Max. Extension Per Inch
2016	½	12	.016	1.2	.9
3016	3/16	12	.016	.3	2.3
3023	3/16	12	.023	2.2	1.0
3031	3/16	12	.031	10.7	.4
4023	¼	12	.023	.8	2.0
4031	¼	12	.031	3.8	.9
4047	¼	12	.047	40	.3
6031	¾	12	.031	1.0	2.4
6047	¾	12	.047	9.5	.8
6062	¾	12	.062	45	.35
8047	½	12	.047	3.7	1.6
8062	½	12	.062	16	.7
12062	¾	12	.062	4.1	2.2
12094	¾	12	.094	38	.7
16094	1	12	.094	13.7	1.4
16125	1	12	.125	68	.64
16187	1	12	.187	600	.22

EXTENSION ASSORTMENT No. 350

35 selected springs

No.	Outside Diam.	Wire Size	Length	Rate Per Inch	Safe Max. Extension
1	23/64	.054	10	2 lbs. 5 oz.	2
2	11/32	.048	8¾	1 lb. 9 oz.	2
3	5/32	.026	6¾	18 oz.	2
4	7/16	.048	67/16	1 lb. 1 oz.	2
5	21/64	.035	6½	7½ oz.	2
6	7/16	.063	5¼	6½ lbs.	2
7	35/64	.080	5¾	10 lbs.	2¼
8	31/64	.063	4½	6 lbs. 4 oz.	2
9	3/8	.054	5½	4 lbs.	2
10	11/64	.029	97/16	1 lb.	2
11	11/32	.048	5¾	2 lbs. 9 oz.	2
12	19/64	.048	5¾	3 lbs. 10 oz.	2
13	1/4	.041	511/32	5 lbs.	½
14	1/4	.029	5¾	7 oz.	2
15	11/32	.048	17/16	15 lbs.	¾