



MATIS

EXTENSION

IN STOCK

STEEL™ FIXTURE SPRINGS
INCHES X 25.4 = MM
LBS. X .454 = KG



Order by stock number

O.O.	Length Inches	stock No.	Wire Diameter	Coils	Approx. Initial Tension Lbs.	Rate Per Inch Lbs.	Max. Ext.	Max. Safe Load Lbs.	Type of Ends	No. Per Box
5/32	2-1/16	G-35	.020 Brass	90	1/4	1	1-3/16	1-3/4	Full loops	12
5/32	6-5/8	G-11	.0258	232	1-1/2	1-5/16	4	6-3/4	Full loops	12
11/64	9-1/16	G-9	.0286	302	1-1/2	1-1/16	5-1/2	7-1/2	Full loops	12
3/16	1	G-42	.014	70	1/8	3/16	4	7/8	Plain ends	12
15/64	1-1/8	G-40	.020	34	1/2	3/4	2-3/8	2-1/4	Full loops	12
1/4	4	G-20	.0286	118	1/4	2-5/8	1-1/2	4	Full loops	17
1/4	5-11/32	G-18	.041	118	5-1/2	3-3/4	3	17	Full loops	12
1/4	5-3/4	G-17	.0286	181	5/8	9/16	2-1/4	4-1/2	Full loops	12
17/64	6-1/8	G-16	.0348	153	1-3/4	1-3/8	5-1/2	9-1/4	Full loops, side	12
19/64	1-1/8	G-39	.040 Brass	14-1/2	1/2	15	5/16	5	Dbl. loops	12
19/64	5-3/4	G-15	.0475	108	3/4	4-1/4	3-1/2	17	Full loops, side	12
5/16	5	G-26	.041	101			4-3/4	11-1/4	Full loops, side	12
11/32	6-1/2	G-38	.0475	162	1-1/4	9/16	9	6-1/4	Dbl. loops, side	12
11/32	1-1/16	G-27	.0475	17	4-3/8	17	3/4	17-1/2	Full loops	12
11/32	5-3/8	G-27	.0475	103	1-1/8	2-7/8	3-5/8	24	Full loops	12
11/32	8-1/8	G-7	.0475	1.58	2-3/16	1-7/8	7-1/2	16-1/4	Full loops	12
23/64	10	G-2	.0475	193-1/2	1-1/2	1-5/8	4	20	Full loops	12
3/8	3-1/4	G-19	.041				8	8	Half loops	12
3/8	5-1/2	G-14	.054	90	2	4-1/4	3-1/4	15-1/2	Full loops	12
3/8	10	G-6	.0475	193-1/2		1-1/8	8-1/2	11-1/2	Full loops	12
7/16	5-1/4	G-28	.0625	118-1/2	2	5-3/4	4	58	Full loops	12
7/16	6-7/16	G-9	.048			1-1/8	7-1/2	10-1/2	Dbl. loops	12
31/64	4-1/2	G-22	.0625	57-1/2	1	5-1/4	3	17	Full loops	12
1/2	5-5/8	G-34	.080	11	28	74	9/16	67	Half loops	12
1/2	10	G-4	.0625	144	4-1/2	1-7/8	8-1/2	20-1/2	Full loops	12
17/32	5-1/4	G-25	.0625	49	3-3/4	4-3/8	4	27-3/4	Full loops	12
35/64	5-5/8	G-12	.080	58-1/2	4	10-1/4	2-5/8	31	Full loops	12
9/16	5-1/2	G-13	.080	55	9	10	2-15/16	38	Half loops	12
5/8	10	G-3	.072	118-1/2	2-7/16	2	9-1/2	21-1/2	Full loops	6
11/16	4	*G-99	.1055	30-1/2		30	1.530	58	Half loops	12
23/32	4	G-95	.105	9		85	.530	57	Full loops	12
47/64	4-1/6	G-23	.1055	26	24	27	2-1/8	82	Half loops	12
3/4	2-19/32	G-32	.1055	45	1-1/2	1-5/8	6-1/2	12	Full loops	12
3/4	13			13	12-1/4	31	13/16	44	Full loops	12
3/4	2-21/32	G-33	.080	18-1/2	2-1/4			47	Full loops	12
7/8	6	G-2	.0705	119	4-1/8	13/16	21/16	23-1/8	Full loops	3
7/8	10	*G-29	.1055	38-1/2	8	25	2-3/8	68	Half loops	6
1		G-1	.0915	94	4-3/8	2-1/4	11	30-1/2	Full loops	3
1	8-1/2	G-31	.1055	69	9	13	3-3/4	8-1/2	Half loops	3
1-1/16	8	*G-30	.135				5	45	Half loops	6
1-1/8	10	*G-100	.148	59			12-3/4	6	Half loops	6
1-1/4	12	*G-101	.162	65			11	7,400	Half loops	6
1-3/8	14	*G-102	.177	70			12	8,750	Half loops	6
1-9/16	16	*G-103	.207	70			15-1/2	9	Half loops	6

SHEAR AND BRAKE SPRINGS

Extension springs of medium rnd heavy wire. For heavy duty.

Total Length	Outside Diameter	Wire Size	Rate Per Inch	Safe Max. Ext Per Length	List Price Each
4	1 1/4	.105	34 lbs.	1	.45
6	7/8	.120	17 lbs.	1 1/2	.60
8	1 1/4	.135	12 lbs.	3 1/2	.90
				5	1.25
10	1 1/4	.162	14 1/2 lbs.	5 1/2	1.75
14	1 1/4	.177	12 lbs.	7	2.50
16	1 1/4	.207	16 lbs.	8	3.00

MACHINERY BRAKE & SHEAR SPRINGS

The following stock numbers identify certain standard springs described in the table above that are of oil-tempered carbon steel and specially suited to heavy-duty extension spring use.

- G-29 G-30 G-99 G-100
- G-1 01 G-1 02 G-1 03

They are flagged with an asterisk to simplify finding them.