

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.1770 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3311	
			Rate (in*lbs*coil/turn) 1078	10	15	25	50		100
				MIP (in*lbs)					
				137	127	115	98		85
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
11	62.1	57.1	18.9	7.3	6.7	6.1	5.2	4.5	3.6
12	67.8	62.8	17.2	8.0	7.4	6.7	5.7	4.9	4.0
13	73.4	68.4	15.8	8.7	8.1	7.3	6.2	5.4	4.3
14	79.1	74.1	14.6	9.4	8.7	7.9	6.8	5.8	4.6
15	84.7	79.7	13.5	10.1	9.4	8.5	7.3	6.3	5.0
16	90.4	85.4	12.6	10.8	10.1	9.1	7.8	6.7	5.3
17	96.0	91.0	11.8	11.6	10.7	9.7	8.3	7.2	5.6
18	101.7	96.7	11.2	12.3	11.4	10.3	8.8	7.6	6.0
19	107.3	102.3	10.5	13.0	12.1	10.9	9.3	8.0	6.3
20	113.0	108.0	10.0	13.7	12.7	11.5	9.9	8.5	6.6
21	118.6	113.6	9.5	14.4	13.4	12.1	10.4	8.9	7.0
22	124.3	119.3	9.0	15.2	14.1	12.7	10.9	9.4	7.3
23	129.9	124.9	8.6	15.9	14.7	13.3	11.4	9.8	7.6
24	135.6	130.6	8.3	16.6	15.4	13.9	11.9	10.3	7.9
25	141.2	136.2	7.9	17.3	16.1	14.5	12.4	10.7	8.3
26	146.9	141.9	7.6	18.0	16.7	15.1	12.9	11.1	8.6
27	152.5	147.5	7.3	18.7	17.4	15.7	13.5	11.6	8.9
28	158.2	153.2	7.0	19.5	18.0	16.3	14.0	12.0	9.3
29	163.8	158.8	6.8	20.2	18.7	16.9	14.5	12.5	9.6
30	169.5	164.5	6.6	20.9	19.4	17.5	15.0	12.9	9.9
31	175.1	170.1	6.3	21.6	20.0	18.1	15.5	13.4	10.3
32	180.8	175.8	6.1	22.3	20.7	18.7	16.0	13.8	10.6
33	186.4	181.4	5.9	23.1	21.4	19.3	16.6	14.3	10.9
34	192.1	187.1	5.8	23.8	22.0	19.9	17.1	14.7	11.3
35	197.7	192.7	5.6	24.5	22.7	20.5	17.6	15.1	11.6
36	203.4	198.4	5.4	25.2	23.4	21.1	18.1	15.6	11.9
37	209.0	204.0	5.3	25.9	24.0	21.7	18.6	16.0	12.3
38	214.7	209.7	5.1	26.6	24.7	22.3	19.1	16.5	12.6
39	220.3	215.3	5.0	27.4	25.4	22.9	19.6	16.9	12.9
40	226.0	221.0	4.9	28.1	26.0	23.5	20.2	17.4	13.2
41	231.6	226.6	4.8	28.8	26.7	24.1	20.7	17.8	13.6
42	237.3	232.3	4.6	29.5	27.4	24.7	21.2	18.2	13.9
43	242.9	237.9	4.5	30.2	28.0	25.3	21.7	18.7	14.2
44	248.6	243.6	4.4	30.9	28.7	25.9	22.2	19.1	14.6
45	254.2	249.2	4.3	31.7	29.4	26.5	22.7	19.6	14.9
46	259.9	254.9	4.2	32.4	30.0	27.1	23.3	20.0	15.2
47	265.5	260.5	4.1	33.1	30.7	27.7	23.8	20.5	15.6
48	271.2	266.2	4.1	33.8	31.4	28.3	24.3	20.9	15.9
49	276.8	271.8	4.0	34.5	32.0	28.9	24.8	21.3	16.2
50	282.5	277.5	3.9	35.3	32.7	29.5	25.3	21.8	16.6
51	288.1	283.1	3.8	36.0	33.4	30.1	25.8	22.2	16.9
52	293.8	288.8	3.7	36.7	34.0	30.7	26.3	22.7	17.2
53	299.4	294.4	3.7	37.4	34.7	31.3	26.9	23.1	17.5
54	305.1	300.1	3.6	38.1	35.4	31.9	27.4	23.6	17.9
55	310.7	305.7	3.5	38.8	36.0	32.5	27.9	24.0	18.2
56	316.4	311.4	3.5	39.6	36.7	33.1	28.4	24.5	18.5
57	322.0	317.0	3.4	40.3	37.3	33.7	28.9	24.9	18.9
58	327.7	322.7	3.3	41.0	38.0	34.3	29.4	25.3	19.2

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.1875 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 1352 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3521 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				161	149	135	116	99	
				Turns on spring (Turns)					
12	64.0	59.0	22.9	7.0	6.5	5.9	5.0	4.3	4.2
13	69.3	64.3	21.0	7.7	7.1	6.4	5.5	4.7	4.6
14	74.7	69.7	19.4	8.3	7.7	6.9	6.0	5.1	4.9
15	80.0	75.0	18.0	8.9	8.3	7.5	6.4	5.5	5.3
16	85.3	80.3	16.8	9.6	8.9	8.0	6.9	5.9	5.6
17	90.7	85.7	15.8	10.2	9.4	8.5	7.3	6.3	6.0
18	96.0	91.0	14.9	10.8	10.0	9.1	7.8	6.7	6.3
19	101.3	96.3	14.0	11.5	10.6	9.6	8.2	7.1	6.7
20	106.7	101.7	13.3	12.1	11.2	10.1	8.7	7.5	7.0
21	112.0	107.0	12.6	12.7	11.8	10.6	9.1	7.9	7.4
22	117.3	112.3	12.0	13.4	12.4	11.2	9.6	8.3	7.7
23	122.7	117.7	11.5	14.0	13.0	11.7	10.1	8.7	8.1
24	128.0	123.0	11.0	14.6	13.6	12.2	10.5	9.0	8.5
25	133.3	128.3	10.5	15.3	14.2	12.8	11.0	9.4	8.8
26	138.7	133.7	10.1	15.9	14.7	13.3	11.4	9.8	9.2
27	144.0	139.0	9.7	16.5	15.3	13.8	11.9	10.2	9.5
28	149.3	144.3	9.4	17.2	15.9	14.4	12.3	10.6	9.9
29	154.7	149.7	9.0	17.8	16.5	14.9	12.8	11.0	10.2
30	160.0	155.0	8.7	18.4	17.1	15.4	13.2	11.4	10.6
31	165.3	160.3	8.4	19.1	17.7	16.0	13.7	11.8	10.9
32	170.7	165.7	8.2	19.7	18.3	16.5	14.2	12.2	11.3
33	176.0	171.0	7.9	20.3	18.9	17.0	14.6	12.6	11.6
34	181.3	176.3	7.7	21.0	19.5	17.5	15.1	13.0	12.0
35	186.7	181.7	7.4	21.6	20.0	18.1	15.5	13.4	12.3
36	192.0	187.0	7.2	22.2	20.6	18.6	16.0	13.8	12.7
37	197.3	192.3	7.0	22.9	21.2	19.1	16.4	14.1	13.0
38	202.7	197.7	6.8	23.5	21.8	19.7	16.9	14.5	13.4
39	208.0	203.0	6.7	24.1	22.4	20.2	17.3	14.9	13.7
40	213.3	208.3	6.5	24.8	23.0	20.7	17.8	15.3	14.1
41	218.7	213.7	6.3	25.4	23.6	21.3	18.3	15.7	14.4
42	224.0	219.0	6.2	26.1	24.2	21.8	18.7	16.1	14.8
43	229.3	224.3	6.0	26.7	24.7	22.3	19.2	16.5	15.1
44	234.7	229.7	5.9	27.3	25.3	22.8	19.6	16.9	15.5
45	240.0	235.0	5.8	28.0	25.9	23.4	20.1	17.3	15.8
46	245.3	240.3	5.6	28.6	26.5	23.9	20.5	17.7	16.2
47	250.7	245.7	5.5	29.2	27.1	24.4	21.0	18.1	16.5
48	256.0	251.0	5.4	29.9	27.7	25.0	21.4	18.5	16.9
49	261.3	256.3	5.3	30.5	28.3	25.5	21.9	18.9	17.3
50	266.7	261.7	5.2	31.1	28.9	26.0	22.4	19.2	17.6
51	272.0	267.0	5.1	31.8	29.5	26.6	22.8	19.6	18.0
52	277.3	272.3	5.0	32.4	30.0	27.1	23.3	20.0	18.3
53	282.7	277.7	4.9	33.0	30.6	27.6	23.7	20.4	18.7
54	288.0	283.0	4.8	33.7	31.2	28.2	24.2	20.8	19.0
55	293.3	288.3	4.7	34.3	31.8	28.7	24.6	21.2	19.4
56	298.7	293.7	4.6	34.9	32.4	29.2	25.1	21.6	19.7
57	304.0	299.0	4.5	35.6	33.0	29.7	25.5	22.0	20.1
58	309.3	304.3	4.4	36.2	33.6	30.3	26.0	22.4	20.4
59	314.7	309.7	4.4	36.8	34.2	30.8	26.5	22.8	20.8

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.1920 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 1484 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3612 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				172	159	144	123	106	
				Turns on spring (Turns)					
13	67.7	62.7	23.7	7.3	6.7	6.1	5.2	4.5	4.7
14	72.9	67.9	21.9	7.9	7.3	6.6	5.6	4.9	5.1
15	78.1	73.1	20.3	8.5	7.9	7.1	6.1	5.2	5.4
16	83.3	78.3	19.0	9.1	8.4	7.6	6.5	5.6	5.8
17	88.5	83.5	17.8	9.7	9.0	8.1	6.9	6.0	6.1
18	93.8	88.8	16.7	10.3	9.5	8.6	7.4	6.4	6.5
19	99.0	94.0	15.8	10.9	10.1	9.1	7.8	6.7	6.9
20	104.2	99.2	15.0	11.5	10.6	9.6	8.2	7.1	7.2
21	109.4	104.4	14.2	12.1	11.2	10.1	8.7	7.5	7.6
22	114.6	109.6	13.5	12.7	11.8	10.6	9.1	7.8	7.9
23	119.8	114.8	12.9	13.3	12.3	11.1	9.5	8.2	8.3
24	125.0	120.0	12.4	13.9	12.9	11.6	10.0	8.6	8.7
25	130.2	125.2	11.9	14.5	13.4	12.1	10.4	9.0	9.0
26	135.4	130.4	11.4	15.1	14.0	12.6	10.8	9.3	9.4
27	140.6	135.6	10.9	15.7	14.6	13.1	11.3	9.7	9.8
28	145.8	140.8	10.5	16.3	15.1	13.6	11.7	10.1	10.1
29	151.0	146.0	10.2	16.9	15.7	14.1	12.1	10.5	10.5
30	156.3	151.3	9.8	17.5	16.2	14.6	12.6	10.8	10.8
31	161.5	156.5	9.5	18.1	16.8	15.2	13.0	11.2	11.2
32	166.7	161.7	9.2	18.7	17.4	15.7	13.4	11.6	11.6
33	171.9	166.9	8.9	19.3	17.9	16.2	13.9	11.9	11.9
34	177.1	172.1	8.6	19.9	18.5	16.7	14.3	12.3	12.3
35	182.3	177.3	8.4	20.5	19.0	17.2	14.7	12.7	12.6
36	187.5	182.5	8.1	21.1	19.6	17.7	15.2	13.1	13.0
37	192.7	187.7	7.9	21.7	20.2	18.2	15.6	13.4	13.4
38	197.9	192.9	7.7	22.3	20.7	18.7	16.0	13.8	13.7
39	203.1	198.1	7.5	22.9	21.3	19.2	16.5	14.2	14.1
40	208.3	203.3	7.3	23.5	21.8	19.7	16.9	14.6	14.4
41	213.5	208.5	7.1	24.1	22.4	20.2	17.3	14.9	14.8
42	218.8	213.8	6.9	24.7	22.9	20.7	17.8	15.3	15.2
43	224.0	219.0	6.8	25.4	23.5	21.2	18.2	15.7	15.5
44	229.2	224.2	6.6	26.0	24.1	21.7	18.6	16.0	15.9
45	234.4	229.4	6.5	26.6	24.6	22.2	19.1	16.4	16.3
46	239.6	234.6	6.3	27.2	25.2	22.7	19.5	16.8	16.6
47	244.8	239.8	6.2	27.8	25.7	23.2	19.9	17.2	17.0
48	250.0	245.0	6.1	28.4	26.3	23.7	20.4	17.5	17.3
49	255.2	250.2	5.9	29.0	26.9	24.2	20.8	17.9	17.7
50	260.4	255.4	5.8	29.6	27.4	24.7	21.2	18.3	18.1
51	265.6	260.6	5.7	30.2	28.0	25.2	21.7	18.7	18.4
52	270.8	265.8	5.6	30.8	28.5	25.7	22.1	19.0	18.8
53	276.0	271.0	5.5	31.4	29.1	26.2	22.5	19.4	19.1
54	281.3	276.3	5.4	32.0	29.7	26.8	23.0	19.8	19.5
55	286.5	281.5	5.3	32.6	30.2	27.3	23.4	20.1	19.9
56	291.7	286.7	5.2	33.2	30.8	27.8	23.8	20.5	20.2
57	296.9	291.9	5.1	33.8	31.3	28.3	24.3	20.9	20.6
58	302.1	297.1	5.0	34.4	31.9	28.8	24.7	21.3	20.9
59	307.3	302.3	4.9	35.0	32.5	29.3	25.1	21.6	21.3
60	312.5	307.5	4.8	35.6	33.0	29.8	25.6	22.0	21.7

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2070 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 1994 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3916 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				212	197	177	152	131	
				Turns on spring (Turns)					
14	67.6	62.6	31.9	6.7	6.2	5.6	4.8	4.1	5.5
15	72.5	67.5	29.6	7.2	6.7	6.0	5.2	4.4	5.9
16	77.3	72.3	27.6	7.7	7.1	6.4	5.5	4.8	6.3
17	82.1	77.1	25.9	8.2	7.6	6.9	5.9	5.1	6.7
18	87.0	82.0	24.3	8.7	8.1	7.3	6.3	5.4	7.0
19	91.8	86.8	23.0	9.2	8.6	7.7	6.6	5.7	7.4
20	96.6	91.6	21.8	9.7	9.0	8.1	7.0	6.0	7.8
21	101.4	96.4	20.7	10.3	9.5	8.6	7.4	6.3	8.2
22	106.3	101.3	19.7	10.8	10.0	9.0	7.7	6.7	8.6
23	111.1	106.1	18.8	11.3	10.5	9.4	8.1	7.0	9.0
24	115.9	110.9	18.0	11.8	10.9	9.9	8.5	7.3	9.4
25	120.8	115.8	17.2	12.3	11.4	10.3	8.8	7.6	9.8
26	125.6	120.6	16.5	12.8	11.9	10.7	9.2	7.9	10.2
27	130.4	125.4	15.9	13.3	12.4	11.2	9.6	8.2	10.6
28	135.3	130.3	15.3	13.8	12.8	11.6	9.9	8.6	11.0
29	140.1	135.1	14.8	14.4	13.3	12.0	10.3	8.9	11.4
30	144.9	139.9	14.3	14.9	13.8	12.4	10.7	9.2	11.7
31	149.8	144.8	13.8	15.4	14.3	12.9	11.1	9.5	12.1
32	154.6	149.6	13.3	15.9	14.7	13.3	11.4	9.8	12.5
33	159.4	154.4	12.9	16.4	15.2	13.7	11.8	10.1	12.9
34	164.3	159.3	12.5	16.9	15.7	14.2	12.2	10.5	13.3
35	169.1	164.1	12.2	17.4	16.2	14.6	12.5	10.8	13.7
36	173.9	168.9	11.8	18.0	16.7	15.0	12.9	11.1	14.1
37	178.7	173.7	11.5	18.5	17.1	15.4	13.3	11.4	14.5
38	183.6	178.6	11.2	19.0	17.6	15.9	13.6	11.7	14.9
39	188.4	183.4	10.9	19.5	18.1	16.3	14.0	12.1	15.3
40	193.2	188.2	10.6	20.0	18.6	16.7	14.4	12.4	15.7
41	198.1	193.1	10.3	20.5	19.0	17.2	14.7	12.7	16.1
42	202.9	197.9	10.1	21.0	19.5	17.6	15.1	13.0	16.4
43	207.7	202.7	9.8	21.6	20.0	18.0	15.5	13.3	16.8
44	212.6	207.6	9.6	22.1	20.5	18.5	15.8	13.6	17.2
45	217.4	212.4	9.4	22.6	20.9	18.9	16.2	14.0	17.6
46	222.2	217.2	9.2	23.1	21.4	19.3	16.6	14.3	18.0
47	227.1	222.1	9.0	23.6	21.9	19.7	17.0	14.6	18.4
48	231.9	226.9	8.8	24.1	22.4	20.2	17.3	14.9	18.8
49	236.7	231.7	8.6	24.6	22.8	20.6	17.7	15.2	19.2
50	241.5	236.5	8.4	25.1	23.3	21.0	18.1	15.5	19.6
51	246.4	241.4	8.3	25.7	23.8	21.5	18.4	15.9	20.0
52	251.2	246.2	8.1	26.2	24.3	21.9	18.8	16.2	20.4
53	256.0	251.0	7.9	26.7	24.7	22.3	19.2	16.5	20.8
54	260.9	255.9	7.8	27.2	25.2	22.7	19.5	16.8	21.1
55	265.7	260.7	7.7	27.7	25.7	23.2	19.9	17.1	21.5
56	270.5	265.5	7.5	28.2	26.2	23.6	20.3	17.4	21.9
57	275.4	270.4	7.4	28.7	26.7	24.0	20.6	17.8	22.3
58	280.2	275.2	7.2	29.3	27.1	24.5	21.0	18.1	22.7
59	285.0	280.0	7.1	29.8	27.6	24.9	21.4	18.4	23.1
60	289.9	284.9	7.0	30.3	28.1	25.3	21.7	18.7	23.5
61	294.7	289.7	6.9	30.8	28.6	25.8	22.1	19.0	23.9

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2187 Wire diameter (in)
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*coil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			2474	247	229	207	178	153	0.4155
Length (in.)	Total coils	Active coils	IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)
16	73.2	68.2	36.3	6.8	6.3	5.7	4.9	4.2	6.6
17	77.7	72.7	34.0	7.3	6.7	6.1	5.2	4.5	7.1
18	82.3	77.3	32.0	7.7	7.2	6.5	5.5	4.8	7.5
19	86.9	81.9	30.2	8.2	7.6	6.8	5.9	5.1	7.9
20	91.4	86.4	28.6	8.6	8.0	7.2	6.2	5.3	8.3
21	96.0	91.0	27.2	9.1	8.4	7.6	6.5	5.6	8.7
22	100.6	95.6	25.9	9.5	8.9	8.0	6.9	5.9	9.1
23	105.2	100.2	24.7	10.0	9.3	8.4	7.2	6.2	9.6
24	109.7	104.7	23.6	10.5	9.7	8.8	7.5	6.5	10.0
25	114.3	109.3	22.6	10.9	10.1	9.1	7.8	6.8	10.4
26	118.9	113.9	21.7	11.4	10.5	9.5	8.2	7.0	10.8
27	123.5	118.5	20.9	11.8	11.0	9.9	8.5	7.3	11.2
28	128.0	123.0	20.1	12.3	11.4	10.3	8.8	7.6	11.6
29	132.6	127.6	19.4	12.7	11.8	10.7	9.2	7.9	12.0
30	137.2	132.2	18.7	13.2	12.2	11.0	9.5	8.2	12.5
31	141.7	136.7	18.1	13.7	12.7	11.4	9.8	8.4	12.9
32	146.3	141.3	17.5	14.1	13.1	11.8	10.1	8.7	13.3
33	150.9	145.9	17.0	14.6	13.5	12.2	10.5	9.0	13.7
34	155.5	150.5	16.4	15.0	13.9	12.6	10.8	9.3	14.1
35	160.0	155.0	16.0	15.5	14.4	13.0	11.1	9.6	14.5
36	164.6	159.6	15.5	15.9	14.8	13.3	11.5	9.9	15.0
37	169.2	164.2	15.1	16.4	15.2	13.7	11.8	10.1	15.4
38	173.8	168.8	14.7	16.9	15.6	14.1	12.1	10.4	15.8
39	178.3	173.3	14.3	17.3	16.1	14.5	12.4	10.7	16.2
40	182.9	177.9	13.9	17.8	16.5	14.9	12.8	11.0	16.6
41	187.5	182.5	13.6	18.2	16.9	15.2	13.1	11.3	17.0
42	192.0	187.0	13.2	18.7	17.3	15.6	13.4	11.6	17.4
43	196.6	191.6	12.9	19.1	17.7	16.0	13.7	11.8	17.9
44	201.2	196.2	12.6	19.6	18.2	16.4	14.1	12.1	18.3
45	205.8	200.8	12.3	20.1	18.6	16.8	14.4	12.4	18.7
46	210.3	205.3	12.1	20.5	19.0	17.2	14.7	12.7	19.1
47	214.9	209.9	11.8	21.0	19.4	17.5	15.1	13.0	19.5
48	219.5	214.5	11.5	21.4	19.9	17.9	15.4	13.2	19.9
49	224.1	219.1	11.3	21.9	20.3	18.3	15.7	13.5	20.4
50	228.6	223.6	11.1	22.3	20.7	18.7	16.0	13.8	20.8
51	233.2	228.2	10.8	22.8	21.1	19.1	16.4	14.1	21.2
52	237.8	232.8	10.6	23.3	21.6	19.4	16.7	14.4	21.6
53	242.3	237.3	10.4	23.7	22.0	19.8	17.0	14.7	22.0
54	246.9	241.9	10.2	24.2	22.4	20.2	17.4	14.9	22.4
55	251.5	246.5	10.0	24.6	22.8	20.6	17.7	15.2	22.9
56	256.1	251.1	9.9	25.1	23.3	21.0	18.0	15.5	23.3
57	260.6	255.6	9.7	25.5	23.7	21.4	18.3	15.8	23.7
58	265.2	260.2	9.5	26.0	24.1	21.7	18.7	16.1	24.1
59	269.8	264.8	9.3	26.4	24.5	22.1	19.0	16.4	24.5
60	274.3	269.3	9.2	26.9	24.9	22.5	19.3	16.6	24.9
61	278.9	273.9	9.0	27.4	25.4	22.9	19.7	16.9	25.3
62	283.5	278.5	8.9	27.8	25.8	23.3	20.0	17.2	25.8
63	288.1	283.1	8.7	28.3	26.2	23.6	20.3	17.5	26.2

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2253 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)	10	15	25	50		100
				MIP (in*lbs)					
				2780	269	249	225		193
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
	2780	269	249	225	193		166		
18	79.9	74.9	37.1	7.2	6.7	6.1	5.2	4.5	7.7
19	84.3	79.3	35.1	7.7	7.1	6.4	5.5	4.7	8.2
20	88.8	83.8	33.2	8.1	7.5	6.8	5.8	5.0	8.6
21	93.2	88.2	31.5	8.5	7.9	7.1	6.1	5.3	9.0
22	97.6	92.6	30.0	8.9	8.3	7.5	6.4	5.5	9.4
23	102.1	97.1	28.6	9.4	8.7	7.8	6.7	5.8	9.9
24	106.5	101.5	27.4	9.8	9.1	8.2	7.0	6.1	10.3
25	111.0	106.0	26.2	10.2	9.5	8.6	7.4	6.3	10.7
26	115.4	110.4	25.2	10.7	9.9	8.9	7.7	6.6	11.2
27	119.8	114.8	24.2	11.1	10.3	9.3	8.0	6.9	11.6
28	124.3	119.3	23.3	11.5	10.7	9.6	8.3	7.1	12.0
29	128.7	123.7	22.5	12.0	11.1	10.0	8.6	7.4	12.4
30	133.2	128.2	21.7	12.4	11.5	10.4	8.9	7.7	12.9
31	137.6	132.6	21.0	12.8	11.9	10.7	9.2	7.9	13.3
32	142.0	137.0	20.3	13.2	12.3	11.1	9.5	8.2	13.7
33	146.5	141.5	19.7	13.7	12.7	11.4	9.8	8.4	14.2
34	150.9	145.9	19.1	14.1	13.1	11.8	10.1	8.7	14.6
35	155.3	150.3	18.5	14.5	13.5	12.1	10.4	9.0	15.0
36	159.8	154.8	18.0	15.0	13.9	12.5	10.7	9.2	15.4
37	164.2	159.2	17.5	15.4	14.3	12.9	11.0	9.5	15.9
38	168.7	163.7	17.0	15.8	14.7	13.2	11.4	9.8	16.3
39	173.1	168.1	16.5	16.2	15.1	13.6	11.7	10.0	16.7
40	177.5	172.5	16.1	16.7	15.5	13.9	12.0	10.3	17.2
41	182.0	177.0	15.7	17.1	15.9	14.3	12.3	10.6	17.6
42	186.4	181.4	15.3	17.5	16.2	14.7	12.6	10.8	18.0
43	190.9	185.9	15.0	18.0	16.6	15.0	12.9	11.1	18.4
44	195.3	190.3	14.6	18.4	17.0	15.4	13.2	11.4	18.9
45	199.7	194.7	14.3	18.8	17.4	15.7	13.5	11.6	19.3
46	204.2	199.2	14.0	19.2	17.8	16.1	13.8	11.9	19.7
47	208.6	203.6	13.7	19.7	18.2	16.4	14.1	12.2	20.2
48	213.0	208.0	13.4	20.1	18.6	16.8	14.4	12.4	20.6
49	217.5	212.5	13.1	20.5	19.0	17.2	14.7	12.7	21.0
50	221.9	216.9	12.8	21.0	19.4	17.5	15.0	13.0	21.5
51	226.4	221.4	12.6	21.4	19.8	17.9	15.4	13.2	21.9
52	230.8	225.8	12.3	21.8	20.2	18.2	15.7	13.5	22.3
53	235.2	230.2	12.1	22.2	20.6	18.6	16.0	13.7	22.7
54	239.7	234.7	11.8	22.7	21.0	19.0	16.3	14.0	23.2
55	244.1	239.1	11.6	23.1	21.4	19.3	16.6	14.3	23.6
56	248.6	243.6	11.4	23.5	21.8	19.7	16.9	14.5	24.0
57	253.0	248.0	11.2	24.0	22.2	20.0	17.2	14.8	24.5
58	257.4	252.4	11.0	24.4	22.6	20.4	17.5	15.1	24.9
59	261.9	256.9	10.8	24.8	23.0	20.8	17.8	15.3	25.3
60	266.3	261.3	10.6	25.2	23.4	21.1	18.1	15.6	25.7
61	270.8	265.8	10.5	25.7	23.8	21.5	18.4	15.9	26.2
62	275.2	270.2	10.3	26.1	24.2	21.8	18.7	16.1	26.6
63	279.6	274.6	10.1	26.5	24.6	22.2	19.1	16.4	27.0
64	284.1	279.1	10.0	27.0	25.0	22.5	19.4	16.7	27.5
65	288.5	283.5	9.8	27.4	25.4	22.9	19.7	16.9	27.9

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2340 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.4470	
			Rate (in*lbs*coil/turn) 3225	10	15	25	50		100
				MIP (in*lbs)					
				299	277	250	214		185
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
20	85.5	80.5	40.1	7.4	6.9	6.2	5.3	4.6	8.9
21	89.7	84.7	38.1	7.8	7.3	6.6	5.6	4.8	9.4
22	94.0	89.0	36.2	8.2	7.6	6.9	5.9	5.1	9.8
23	98.3	93.3	34.6	8.6	8.0	7.2	6.2	5.3	10.3
24	102.6	97.6	33.1	9.0	8.4	7.6	6.5	5.6	10.7
25	106.8	101.8	31.7	9.4	8.7	7.9	6.8	5.8	11.2
26	111.1	106.1	30.4	9.8	9.1	8.2	7.1	6.1	11.6
27	115.4	110.4	29.2	10.2	9.5	8.5	7.3	6.3	12.1
28	119.7	114.7	28.1	10.6	9.8	8.9	7.6	6.6	12.5
29	123.9	118.9	27.1	11.0	10.2	9.2	7.9	6.8	13.0
30	128.2	123.2	26.2	11.4	10.6	9.5	8.2	7.0	13.4
31	132.5	127.5	25.3	11.8	10.9	9.9	8.5	7.3	13.9
32	136.8	131.8	24.5	12.2	11.3	10.2	8.8	7.5	14.3
33	141.0	136.0	23.7	12.6	11.7	10.5	9.0	7.8	14.8
34	145.3	140.3	23.0	13.0	12.0	10.9	9.3	8.0	15.2
35	149.6	144.6	22.3	13.4	12.4	11.2	9.6	8.3	15.6
36	153.8	148.8	21.7	13.8	12.8	11.5	9.9	8.5	16.1
37	158.1	153.1	21.1	14.2	13.1	11.9	10.2	8.8	16.5
38	162.4	157.4	20.5	14.6	13.5	12.2	10.5	9.0	17.0
39	166.7	161.7	20.0	15.0	13.9	12.5	10.7	9.3	17.4
40	170.9	165.9	19.4	15.4	14.2	12.8	11.0	9.5	17.9
41	175.2	170.2	18.9	15.8	14.6	13.2	11.3	9.7	18.3
42	179.5	174.5	18.5	16.2	15.0	13.5	11.6	10.0	18.8
43	183.8	178.8	18.0	16.5	15.3	13.8	11.9	10.2	19.2
44	188.0	183.0	17.6	16.9	15.7	14.2	12.2	10.5	19.7
45	192.3	187.3	17.2	17.3	16.1	14.5	12.5	10.7	20.1
46	196.6	191.6	16.8	17.7	16.4	14.8	12.7	11.0	20.6
47	200.9	195.9	16.5	18.1	16.8	15.2	13.0	11.2	21.0
48	205.1	200.1	16.1	18.5	17.2	15.5	13.3	11.5	21.5
49	209.4	204.4	15.8	18.9	17.5	15.8	13.6	11.7	21.9
50	213.7	208.7	15.5	19.3	17.9	16.2	13.9	11.9	22.4
51	217.9	212.9	15.1	19.7	18.3	16.5	14.2	12.2	22.8
52	222.2	217.2	14.8	20.1	18.6	16.8	14.4	12.4	23.2
53	226.5	221.5	14.6	20.5	19.0	17.1	14.7	12.7	23.7
54	230.8	225.8	14.3	20.9	19.4	17.5	15.0	12.9	24.1
55	235.0	230.0	14.0	21.3	19.7	17.8	15.3	13.2	24.6
56	239.3	234.3	13.8	21.7	20.1	18.1	15.6	13.4	25.0
57	243.6	238.6	13.5	22.1	20.5	18.5	15.9	13.7	25.5
58	247.9	242.9	13.3	22.5	20.8	18.8	16.1	13.9	25.9
59	252.1	247.1	13.1	22.9	21.2	19.1	16.4	14.1	26.4
60	256.4	251.4	12.8	23.3	21.6	19.5	16.7	14.4	26.8
61	260.7	255.7	12.6	23.7	21.9	19.8	17.0	14.6	27.3
62	265.0	260.0	12.4	24.1	22.3	20.1	17.3	14.9	27.7
63	269.2	264.2	12.2	24.5	22.7	20.5	17.6	15.1	28.2
64	273.5	268.5	12.0	24.9	23.0	20.8	17.8	15.4	28.6
65	277.8	272.8	11.8	25.2	23.4	21.1	18.1	15.6	29.1
66	282.1	277.1	11.6	25.6	23.8	21.4	18.4	15.9	29.5
67	286.3	281.3	11.5	26.0	24.1	21.8	18.7	16.1	30.0

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2375 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)	10	15	25	50		100
				MIP (in*lbs)					
				3418	311	289	260		223
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
	3418	311	289	260	223		192		
21	88.4	83.4	41.0	7.6	7.0	6.4	5.5	4.7	9.5
22	92.6	87.6	39.0	8.0	7.4	6.7	5.7	4.9	10.0
23	96.8	91.8	37.2	8.4	7.8	7.0	6.0	5.2	10.4
24	101.1	96.1	35.6	8.7	8.1	7.3	6.3	5.4	10.9
25	105.3	100.3	34.1	9.1	8.5	7.6	6.6	5.6	11.4
26	109.5	104.5	32.7	9.5	8.8	8.0	6.8	5.9	11.8
27	113.7	108.7	31.5	9.9	9.2	8.3	7.1	6.1	12.3
28	117.9	112.9	30.3	10.3	9.5	8.6	7.4	6.4	12.7
29	122.1	117.1	29.2	10.7	9.9	8.9	7.7	6.6	13.2
30	126.3	121.3	28.2	11.0	10.2	9.2	7.9	6.8	13.6
31	130.5	125.5	27.2	11.4	10.6	9.6	8.2	7.1	14.1
32	134.7	129.7	26.3	11.8	11.0	9.9	8.5	7.3	14.5
33	138.9	133.9	25.5	12.2	11.3	10.2	8.8	7.5	15.0
34	143.2	138.2	24.7	12.6	11.7	10.5	9.0	7.8	15.4
35	147.4	142.4	24.0	13.0	12.0	10.8	9.3	8.0	15.9
36	151.6	146.6	23.3	13.3	12.4	11.2	9.6	8.2	16.4
37	155.8	150.8	22.7	13.7	12.7	11.5	9.9	8.5	16.8
38	160.0	155.0	22.1	14.1	13.1	11.8	10.1	8.7	17.3
39	164.2	159.2	21.5	14.5	13.4	12.1	10.4	9.0	17.7
40	168.4	163.4	20.9	14.9	13.8	12.4	10.7	9.2	18.2
41	172.6	167.6	20.4	15.3	14.2	12.8	11.0	9.4	18.6
42	176.8	171.8	19.9	15.6	14.5	13.1	11.2	9.7	19.1
43	181.1	176.1	19.4	16.0	14.9	13.4	11.5	9.9	19.5
44	185.3	180.3	19.0	16.4	15.2	13.7	11.8	10.1	20.0
45	189.5	184.5	18.5	16.8	15.6	14.0	12.1	10.4	20.4
46	193.7	188.7	18.1	17.2	15.9	14.4	12.3	10.6	20.9
47	197.9	192.9	17.7	17.6	16.3	14.7	12.6	10.9	21.4
48	202.1	197.1	17.3	17.9	16.6	15.0	12.9	11.1	21.8
49	206.3	201.3	17.0	18.3	17.0	15.3	13.2	11.3	22.3
50	210.5	205.5	16.6	18.7	17.3	15.6	13.4	11.6	22.7
51	214.7	209.7	16.3	19.1	17.7	16.0	13.7	11.8	23.2
52	218.9	213.9	16.0	19.5	18.1	16.3	14.0	12.0	23.6
53	223.2	218.2	15.7	19.9	18.4	16.6	14.3	12.3	24.1
54	227.4	222.4	15.4	20.2	18.8	16.9	14.5	12.5	24.5
55	231.6	226.6	15.1	20.6	19.1	17.3	14.8	12.8	25.0
56	235.8	230.8	14.8	21.0	19.5	17.6	15.1	13.0	25.4
57	240.0	235.0	14.5	21.4	19.8	17.9	15.4	13.2	25.9
58	244.2	239.2	14.3	21.8	20.2	18.2	15.6	13.5	26.3
59	248.4	243.4	14.0	22.2	20.5	18.5	15.9	13.7	26.8
60	252.6	247.6	13.8	22.5	20.9	18.9	16.2	13.9	27.3
61	256.8	251.8	13.6	22.9	21.3	19.2	16.5	14.2	27.7
62	261.1	256.1	13.4	23.3	21.6	19.5	16.7	14.4	28.2
63	265.3	260.3	13.1	23.7	22.0	19.8	17.0	14.6	28.6
64	269.5	264.5	12.9	24.1	22.3	20.1	17.3	14.9	29.1
65	273.7	268.7	12.7	24.5	22.7	20.5	17.6	15.1	29.5
66	277.9	272.9	12.5	24.8	23.0	20.8	17.8	15.4	30.0
67	282.1	277.1	12.3	25.2	23.4	21.1	18.1	15.6	30.4
68	286.3	281.3	12.2	25.6	23.7	21.4	18.4	15.8	30.9

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2437 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 3780 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.4672 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				334	310	280	240	207	
				Turns on spring (Turns)					
22	90.3	85.3	44.3	7.5	7.0	6.3	5.4	4.7	10.3
23	94.4	89.4	42.3	7.9	7.3	6.6	5.7	4.9	10.7
24	98.5	93.5	40.4	8.3	7.7	6.9	5.9	5.1	11.2
25	102.6	97.6	38.7	8.6	8.0	7.2	6.2	5.3	11.7
26	106.7	101.7	37.2	9.0	8.3	7.5	6.5	5.6	12.1
27	110.8	105.8	35.7	9.4	8.7	7.8	6.7	5.8	12.6
28	114.9	109.9	34.4	9.7	9.0	8.1	7.0	6.0	13.1
29	119.0	114.0	33.2	10.1	9.3	8.4	7.2	6.2	13.5
30	123.1	118.1	32.0	10.4	9.7	8.7	7.5	6.5	14.0
31	127.2	122.2	30.9	10.8	10.0	9.0	7.8	6.7	14.5
32	131.3	126.3	29.9	11.2	10.4	9.3	8.0	6.9	15.0
33	135.4	130.4	29.0	11.5	10.7	9.6	8.3	7.1	15.4
34	139.5	134.5	28.1	11.9	11.0	9.9	8.5	7.4	15.9
35	143.6	138.6	27.3	12.3	11.4	10.3	8.8	7.6	16.4
36	147.7	142.7	26.5	12.6	11.7	10.6	9.1	7.8	16.8
37	151.8	146.8	25.8	13.0	12.0	10.9	9.3	8.0	17.3
38	155.9	150.9	25.1	13.3	12.4	11.2	9.6	8.3	17.8
39	160.0	155.0	24.4	13.7	12.7	11.5	9.8	8.5	18.2
40	164.1	159.1	23.8	14.1	13.1	11.8	10.1	8.7	18.7
41	168.2	163.2	23.2	14.4	13.4	12.1	10.4	8.9	19.2
42	172.3	167.3	22.6	14.8	13.7	12.4	10.6	9.1	19.6
43	176.4	171.4	22.1	15.2	14.1	12.7	10.9	9.4	20.1
44	180.5	175.5	21.5	15.5	14.4	13.0	11.1	9.6	20.6
45	184.7	179.7	21.0	15.9	14.7	13.3	11.4	9.8	21.0
46	188.8	183.8	20.6	16.3	15.1	13.6	11.7	10.0	21.5
47	192.9	187.9	20.1	16.6	15.4	13.9	11.9	10.3	22.0
48	197.0	192.0	19.7	17.0	15.7	14.2	12.2	10.5	22.4
49	201.1	196.1	19.3	17.3	16.1	14.5	12.5	10.7	22.9
50	205.2	200.2	18.9	17.7	16.4	14.8	12.7	10.9	23.4
51	209.3	204.3	18.5	18.1	16.8	15.1	13.0	11.2	23.8
52	213.4	208.4	18.1	18.4	17.1	15.4	13.2	11.4	24.3
53	217.5	212.5	17.8	18.8	17.4	15.7	13.5	11.6	24.8
54	221.6	216.6	17.5	19.2	17.8	16.0	13.8	11.8	25.2
55	225.7	220.7	17.1	19.5	18.1	16.3	14.0	12.1	25.7
56	229.8	224.8	16.8	19.9	18.4	16.6	14.3	12.3	26.2
57	233.9	228.9	16.5	20.2	18.8	16.9	14.5	12.5	26.6
58	238.0	233.0	16.2	20.6	19.1	17.2	14.8	12.7	27.1
59	242.1	237.1	15.9	21.0	19.4	17.5	15.1	13.0	27.6
60	246.2	241.2	15.7	21.3	19.8	17.8	15.3	13.2	28.0
61	250.3	245.3	15.4	21.7	20.1	18.1	15.6	13.4	28.5
62	254.4	249.4	15.2	22.1	20.5	18.4	15.8	13.6	29.0
63	258.5	253.5	14.9	22.4	20.8	18.8	16.1	13.9	29.4
64	262.6	257.6	14.7	22.8	21.1	19.1	16.4	14.1	29.9
65	266.7	261.7	14.4	23.1	21.5	19.4	16.6	14.3	30.4
66	270.8	265.8	14.2	23.5	21.8	19.7	16.9	14.5	30.8
67	274.9	269.9	14.0	23.9	22.1	20.0	17.1	14.8	31.3
68	279.0	274.0	13.8	24.2	22.5	20.3	17.4	15.0	31.8
69	283.1	278.1	13.6	24.6	22.8	20.6	17.7	15.2	32.2

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2500 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)	10	15	25	50		100
				MIP (in*lbs)					
				4177	359	333	300		258
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
	4177	359	333	300	258		222		
23	92.0	87.0	48.0	7.5	6.9	6.3	5.4	4.6	11.0
24	96.0	91.0	45.9	7.8	7.3	6.5	5.6	4.8	11.5
25	100.0	95.0	44.0	8.2	7.6	6.8	5.9	5.0	12.0
26	104.0	99.0	42.2	8.5	7.9	7.1	6.1	5.3	12.5
27	108.0	103.0	40.6	8.9	8.2	7.4	6.4	5.5	13.0
28	112.0	107.0	39.0	9.2	8.5	7.7	6.6	5.7	13.5
29	116.0	111.0	37.6	9.5	8.8	8.0	6.9	5.9	13.9
30	120.0	115.0	36.3	9.9	9.2	8.3	7.1	6.1	14.4
31	124.0	119.0	35.1	10.2	9.5	8.6	7.3	6.3	14.9
32	128.0	123.0	34.0	10.6	9.8	8.8	7.6	6.5	15.4
33	132.0	127.0	32.9	10.9	10.1	9.1	7.8	6.7	15.9
34	136.0	131.0	31.9	11.3	10.4	9.4	8.1	7.0	16.3
35	140.0	135.0	30.9	11.6	10.8	9.7	8.3	7.2	16.8
36	144.0	139.0	30.1	11.9	11.1	10.0	8.6	7.4	17.3
37	148.0	143.0	29.2	12.3	11.4	10.3	8.8	7.6	17.8
38	152.0	147.0	28.4	12.6	11.7	10.6	9.1	7.8	18.3
39	156.0	151.0	27.7	13.0	12.0	10.9	9.3	8.0	18.7
40	160.0	155.0	27.0	13.3	12.4	11.1	9.6	8.2	19.2
41	164.0	159.0	26.3	13.7	12.7	11.4	9.8	8.4	19.7
42	168.0	163.0	25.6	14.0	13.0	11.7	10.1	8.7	20.2
43	172.0	167.0	25.0	14.4	13.3	12.0	10.3	8.9	20.7
44	176.0	171.0	24.4	14.7	13.6	12.3	10.6	9.1	21.1
45	180.0	175.0	23.9	15.0	13.9	12.6	10.8	9.3	21.6
46	184.0	179.0	23.3	15.4	14.3	12.9	11.0	9.5	22.1
47	188.0	183.0	22.8	15.7	14.6	13.2	11.3	9.7	22.6
48	192.0	187.0	22.3	16.1	14.9	13.4	11.5	9.9	23.1
49	196.0	191.0	21.9	16.4	15.2	13.7	11.8	10.1	23.5
50	200.0	195.0	21.4	16.8	15.5	14.0	12.0	10.4	24.0
51	204.0	199.0	21.0	17.1	15.9	14.3	12.3	10.6	24.5
52	208.0	203.0	20.6	17.4	16.2	14.6	12.5	10.8	25.0
53	212.0	207.0	20.2	17.8	16.5	14.9	12.8	11.0	25.5
54	216.0	211.0	19.8	18.1	16.8	15.2	13.0	11.2	25.9
55	220.0	215.0	19.4	18.5	17.1	15.5	13.3	11.4	26.4
56	224.0	219.0	19.1	18.8	17.5	15.7	13.5	11.6	26.9
57	228.0	223.0	18.7	19.2	17.8	16.0	13.8	11.8	27.4
58	232.0	227.0	18.4	19.5	18.1	16.3	14.0	12.1	27.9
59	236.0	231.0	18.1	19.9	18.4	16.6	14.3	12.3	28.3
60	240.0	235.0	17.8	20.2	18.7	16.9	14.5	12.5	28.8
61	244.0	239.0	17.5	20.5	19.0	17.2	14.8	12.7	29.3
62	248.0	243.0	17.2	20.9	19.4	17.5	15.0	12.9	29.8
63	252.0	247.0	16.9	21.2	19.7	17.8	15.2	13.1	30.3
64	256.0	251.0	16.6	21.6	20.0	18.0	15.5	13.3	30.7
65	260.0	255.0	16.4	21.9	20.3	18.3	15.7	13.5	31.2
66	264.0	259.0	16.1	22.3	20.6	18.6	16.0	13.8	31.7
67	268.0	263.0	15.9	22.6	21.0	18.9	16.2	14.0	32.2
68	272.0	267.0	15.6	22.9	21.3	19.2	16.5	14.2	32.7
69	276.0	271.0	15.4	23.3	21.6	19.5	16.7	14.4	33.1
70	280.0	275.0	15.2	23.6	21.9	19.8	17.0	14.6	33.6

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2625 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.5067	
			Rate (in*lbs*coil/turn) 5055	10	15	25	50		100
				MIP (in*lbs)					
				411	382	344	295		254
			IPPT	Turns on spring					Weight of spring (lbs)
			(in*lbs/turn)	(Turns)					
25	95.2	90.2	56.0	7.3	6.8	6.1	5.3	4.5	12.7
26	99.0	94.0	53.8	7.7	7.1	6.4	5.5	4.7	13.2
27	102.9	97.9	51.7	8.0	7.4	6.7	5.7	4.9	13.7
28	106.7	101.7	49.7	8.3	7.7	6.9	5.9	5.1	14.2
29	110.5	105.5	47.9	8.6	8.0	7.2	6.2	5.3	14.7
30	114.3	109.3	46.3	8.9	8.2	7.4	6.4	5.5	15.2
31	118.1	113.1	44.7	9.2	8.5	7.7	6.6	5.7	15.7
32	121.9	116.9	43.2	9.5	8.8	8.0	6.8	5.9	16.2
33	125.7	120.7	41.9	9.8	9.1	8.2	7.1	6.1	16.7
34	129.5	124.5	40.6	10.1	9.4	8.5	7.3	6.3	17.2
35	133.3	128.3	39.4	10.4	9.7	8.7	7.5	6.5	17.7
36	137.1	132.1	38.3	10.8	10.0	9.0	7.7	6.6	18.2
37	141.0	136.0	37.2	11.1	10.3	9.3	7.9	6.8	18.7
38	144.8	139.8	36.2	11.4	10.5	9.5	8.2	7.0	19.3
39	148.6	143.6	35.2	11.7	10.8	9.8	8.4	7.2	19.8
40	152.4	147.4	34.3	12.0	11.1	10.0	8.6	7.4	20.3
41	156.2	151.2	33.4	12.3	11.4	10.3	8.8	7.6	20.8
42	160.0	155.0	32.6	12.6	11.7	10.6	9.1	7.8	21.3
43	163.8	158.8	31.8	12.9	12.0	10.8	9.3	8.0	21.8
44	167.6	162.6	31.1	13.2	12.3	11.1	9.5	8.2	22.3
45	171.4	166.4	30.4	13.5	12.6	11.3	9.7	8.4	22.8
46	175.2	170.2	29.7	13.9	12.8	11.6	10.0	8.6	23.3
47	179.0	174.0	29.0	14.2	13.1	11.8	10.2	8.8	23.8
48	182.9	177.9	28.4	14.5	13.4	12.1	10.4	8.9	24.3
49	186.7	181.7	27.8	14.8	13.7	12.4	10.6	9.1	24.8
50	190.5	185.5	27.3	15.1	14.0	12.6	10.8	9.3	25.3
51	194.3	189.3	26.7	15.4	14.3	12.9	11.1	9.5	25.8
52	198.1	193.1	26.2	15.7	14.6	13.1	11.3	9.7	26.3
53	201.9	196.9	25.7	16.0	14.9	13.4	11.5	9.9	26.9
54	205.7	200.7	25.2	16.3	15.1	13.7	11.7	10.1	27.4
55	209.5	204.5	24.7	16.6	15.4	13.9	12.0	10.3	27.9
56	213.3	208.3	24.3	17.0	15.7	14.2	12.2	10.5	28.4
57	217.1	212.1	23.8	17.3	16.0	14.4	12.4	10.7	28.9
58	221.0	216.0	23.4	17.6	16.3	14.7	12.6	10.9	29.4
59	224.8	219.8	23.0	17.9	16.6	15.0	12.8	11.1	29.9
60	228.6	223.6	22.6	18.2	16.9	15.2	13.1	11.2	30.4
61	232.4	227.4	22.2	18.5	17.2	15.5	13.3	11.4	30.9
62	236.2	231.2	21.9	18.8	17.4	15.7	13.5	11.6	31.4
63	240.0	235.0	21.5	19.1	17.7	16.0	13.7	11.8	31.9
64	243.8	238.8	21.2	19.4	18.0	16.3	14.0	12.0	32.4
65	247.6	242.6	20.8	19.7	18.3	16.5	14.2	12.2	32.9
66	251.4	246.4	20.5	20.1	18.6	16.8	14.4	12.4	33.4
67	255.2	250.2	20.2	20.4	18.9	17.0	14.6	12.6	33.9
68	259.0	254.0	19.9	20.7	19.2	17.3	14.8	12.8	34.5
69	262.9	257.9	19.6	21.0	19.5	17.6	15.1	13.0	35.0
70	266.7	261.7	19.3	21.3	19.7	17.8	15.3	13.2	35.5
71	270.5	265.5	19.0	21.6	20.0	18.1	15.5	13.4	36.0
72	274.3	269.3	18.8	21.9	20.3	18.3	15.7	13.5	36.5

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2730 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)	10	15	25	50		100
				MIP (in*lbs)					
				5891	459	426	384		330
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
	5891	459	426	384	330		284		
29	106.2	101.2	58.2	7.9	7.3	6.6	5.7	4.9	15.3
30	109.9	104.9	56.2	8.2	7.6	6.8	5.9	5.1	15.9
31	113.6	108.6	54.3	8.5	7.8	7.1	6.1	5.2	16.4
32	117.2	112.2	52.5	8.7	8.1	7.3	6.3	5.4	16.9
33	120.9	115.9	50.8	9.0	8.4	7.6	6.5	5.6	17.5
34	124.5	119.5	49.3	9.3	8.6	7.8	6.7	5.8	18.0
35	128.2	123.2	47.8	9.6	8.9	8.0	6.9	5.9	18.5
36	131.9	126.9	46.4	9.9	9.2	8.3	7.1	6.1	19.0
37	135.5	130.5	45.1	10.2	9.4	8.5	7.3	6.3	19.6
38	139.2	134.2	43.9	10.5	9.7	8.7	7.5	6.5	20.1
39	142.9	137.9	42.7	10.7	10.0	9.0	7.7	6.6	20.6
40	146.5	141.5	41.6	11.0	10.2	9.2	7.9	6.8	21.2
41	150.2	145.2	40.6	11.3	10.5	9.5	8.1	7.0	21.7
42	153.8	148.8	39.6	11.6	10.8	9.7	8.3	7.2	22.2
43	157.5	152.5	38.6	11.9	11.0	9.9	8.5	7.3	22.7
44	161.2	156.2	37.7	12.2	11.3	10.2	8.7	7.5	23.3
45	164.8	159.8	36.9	12.5	11.5	10.4	8.9	7.7	23.8
46	168.5	163.5	36.0	12.7	11.8	10.7	9.1	7.9	24.3
47	172.2	167.2	35.2	13.0	12.1	10.9	9.4	8.1	24.9
48	175.8	170.8	34.5	13.3	12.3	11.1	9.6	8.2	25.4
49	179.5	174.5	33.8	13.6	12.6	11.4	9.8	8.4	25.9
50	183.2	178.2	33.1	13.9	12.9	11.6	10.0	8.6	26.4
51	186.8	181.8	32.4	14.2	13.1	11.8	10.2	8.8	27.0
52	190.5	185.5	31.8	14.5	13.4	12.1	10.4	8.9	27.5
53	194.1	189.1	31.1	14.7	13.7	12.3	10.6	9.1	28.0
54	197.8	192.8	30.6	15.0	13.9	12.6	10.8	9.3	28.6
55	201.5	196.5	30.0	15.3	14.2	12.8	11.0	9.5	29.1
56	205.1	200.1	29.4	15.6	14.5	13.0	11.2	9.6	29.6
57	208.8	203.8	28.9	15.9	14.7	13.3	11.4	9.8	30.2
58	212.5	207.5	28.4	16.2	15.0	13.5	11.6	10.0	30.7
59	216.1	211.1	27.9	16.4	15.3	13.8	11.8	10.2	31.2
60	219.8	214.8	27.4	16.7	15.5	14.0	12.0	10.3	31.7
61	223.4	218.4	27.0	17.0	15.8	14.2	12.2	10.5	32.3
62	227.1	222.1	26.5	17.3	16.0	14.5	12.4	10.7	32.8
63	230.8	225.8	26.1	17.6	16.3	14.7	12.6	10.9	33.3
64	234.4	229.4	25.7	17.9	16.6	15.0	12.8	11.1	33.9
65	238.1	233.1	25.3	18.2	16.8	15.2	13.0	11.2	34.4
66	241.8	236.8	24.9	18.4	17.1	15.4	13.2	11.4	34.9
67	245.4	240.4	24.5	18.7	17.4	15.7	13.5	11.6	35.4
68	249.1	244.1	24.1	19.0	17.6	15.9	13.7	11.8	36.0
69	252.7	247.7	23.8	19.3	17.9	16.1	13.9	11.9	36.5
70	256.4	251.4	23.4	19.6	18.2	16.4	14.1	12.1	37.0
71	260.1	255.1	23.1	19.9	18.4	16.6	14.3	12.3	37.6
72	263.7	258.7	22.8	20.2	18.7	16.9	14.5	12.5	38.1
73	267.4	262.4	22.5	20.4	19.0	17.1	14.7	12.6	38.6
74	271.1	266.1	22.1	20.7	19.2	17.3	14.9	12.8	39.1
75	274.7	269.7	21.8	21.0	19.5	17.6	15.1	13.0	39.7
76	278.4	273.4	21.5	21.3	19.8	17.8	15.3	13.2	40.2

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2830 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.5503	
			Rate (in*lbs*coil/turn) 6778	10	15	25	50		100
				MIP (in*lbs)					
				507	471	424	364		314
			IPPT	Turns on spring					Weight of spring (lbs)
			(in*lbs/turn)	(Turns)					
31	109.5	104.5	64.8	7.8	7.3	6.5	5.6	4.8	17.1
32	113.1	108.1	62.7	8.1	7.5	6.8	5.8	5.0	17.6
33	116.6	111.6	60.7	8.4	7.7	7.0	6.0	5.2	18.2
34	120.1	115.1	58.9	8.6	8.0	7.2	6.2	5.3	18.7
35	123.7	118.7	57.1	8.9	8.2	7.4	6.4	5.5	19.3
36	127.2	122.2	55.5	9.1	8.5	7.7	6.6	5.7	19.8
37	130.7	125.7	53.9	9.4	8.7	7.9	6.8	5.8	20.4
38	134.3	129.3	52.4	9.7	9.0	8.1	7.0	6.0	20.9
39	137.8	132.8	51.0	9.9	9.2	8.3	7.1	6.1	21.5
40	141.3	136.3	49.7	10.2	9.5	8.5	7.3	6.3	22.0
41	144.9	139.9	48.5	10.5	9.7	8.8	7.5	6.5	22.6
42	148.4	143.4	47.3	10.7	10.0	9.0	7.7	6.6	23.1
43	151.9	146.9	46.1	11.0	10.2	9.2	7.9	6.8	23.7
44	155.5	150.5	45.0	11.3	10.4	9.4	8.1	7.0	24.2
45	159.0	154.0	44.0	11.5	10.7	9.6	8.3	7.1	24.8
46	162.5	157.5	43.0	11.8	10.9	9.9	8.5	7.3	25.3
47	166.1	161.1	42.1	12.1	11.2	10.1	8.7	7.5	25.9
48	169.6	164.6	41.2	12.3	11.4	10.3	8.9	7.6	26.4
49	173.1	168.1	40.3	12.6	11.7	10.5	9.0	7.8	27.0
50	176.7	171.7	39.5	12.9	11.9	10.7	9.2	7.9	27.5
51	180.2	175.2	38.7	13.1	12.2	11.0	9.4	8.1	28.1
52	183.7	178.7	37.9	13.4	12.4	11.2	9.6	8.3	28.6
53	187.3	182.3	37.2	13.6	12.7	11.4	9.8	8.4	29.2
54	190.8	185.8	36.5	13.9	12.9	11.6	10.0	8.6	29.7
55	194.3	189.3	35.8	14.2	13.1	11.9	10.2	8.8	30.3
56	197.9	192.9	35.1	14.4	13.4	12.1	10.4	8.9	30.8
57	201.4	196.4	34.5	14.7	13.6	12.3	10.6	9.1	31.4
58	204.9	199.9	33.9	15.0	13.9	12.5	10.8	9.3	31.9
59	208.5	203.5	33.3	15.2	14.1	12.7	10.9	9.4	32.5
60	212.0	207.0	32.7	15.5	14.4	13.0	11.1	9.6	33.0
61	215.5	210.5	32.2	15.8	14.6	13.2	11.3	9.7	33.6
62	219.1	214.1	31.7	16.0	14.9	13.4	11.5	9.9	34.1
63	222.6	217.6	31.2	16.3	15.1	13.6	11.7	10.1	34.7
64	226.1	221.1	30.7	16.6	15.4	13.8	11.9	10.2	35.2
65	229.7	224.7	30.2	16.8	15.6	14.1	12.1	10.4	35.8
66	233.2	228.2	29.7	17.1	15.8	14.3	12.3	10.6	36.3
67	236.7	231.7	29.3	17.3	16.1	14.5	12.5	10.7	36.9
68	240.3	235.3	28.8	17.6	16.3	14.7	12.6	10.9	37.4
69	243.8	238.8	28.4	17.9	16.6	15.0	12.8	11.1	38.0
70	247.3	242.3	28.0	18.1	16.8	15.2	13.0	11.2	38.5
71	250.9	245.9	27.6	18.4	17.1	15.4	13.2	11.4	39.1
72	254.4	249.4	27.2	18.7	17.3	15.6	13.4	11.5	39.6
73	258.0	253.0	26.8	18.9	17.6	15.8	13.6	11.7	40.2
74	261.5	256.5	26.4	19.2	17.8	16.1	13.8	11.9	40.7
75	265.0	260.0	26.1	19.5	18.0	16.3	14.0	12.0	41.3
76	268.6	263.6	25.7	19.7	18.3	16.5	14.2	12.2	41.8
77	272.1	267.1	25.4	20.0	18.5	16.7	14.4	12.4	42.4
78	275.6	270.6	25.0	20.3	18.8	16.9	14.5	12.5	42.9

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2890 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)	10	15	25	50		100
				MIP (in*lbs)					
				7356	538	499	450		386
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
	7356	538	499	450	386		333		
32	110.7	105.7	69.6	7.7	7.2	6.5	5.6	4.8	18.0
33	114.2	109.2	67.4	8.0	7.4	6.7	5.7	4.9	18.6
34	117.6	112.6	65.3	8.2	7.6	6.9	5.9	5.1	19.1
35	121.1	116.1	63.4	8.5	7.9	7.1	6.1	5.2	19.7
36	124.6	119.6	61.5	8.7	8.1	7.3	6.3	5.4	20.3
37	128.0	123.0	59.8	9.0	8.3	7.5	6.5	5.6	20.8
38	131.5	126.5	58.2	9.3	8.6	7.7	6.6	5.7	21.4
39	134.9	129.9	56.6	9.5	8.8	7.9	6.8	5.9	22.0
40	138.4	133.4	55.1	9.8	9.0	8.2	7.0	6.0	22.5
41	141.9	136.9	53.7	10.0	9.3	8.4	7.2	6.2	23.1
42	145.3	140.3	52.4	10.3	9.5	8.6	7.4	6.3	23.7
43	148.8	143.8	51.2	10.5	9.8	8.8	7.6	6.5	24.2
44	152.2	147.2	50.0	10.8	10.0	9.0	7.7	6.7	24.8
45	155.7	150.7	48.8	11.0	10.2	9.2	7.9	6.8	25.3
46	159.2	154.2	47.7	11.3	10.5	9.4	8.1	7.0	25.9
47	162.6	157.6	46.7	11.5	10.7	9.6	8.3	7.1	26.5
48	166.1	161.1	45.7	11.8	10.9	9.9	8.5	7.3	27.0
49	169.6	164.6	44.7	12.0	11.2	10.1	8.6	7.4	27.6
50	173.0	168.0	43.8	12.3	11.4	10.3	8.8	7.6	28.2
51	176.5	171.5	42.9	12.5	11.6	10.5	9.0	7.8	28.7
52	179.9	174.9	42.1	12.8	11.9	10.7	9.2	7.9	29.3
53	183.4	178.4	41.2	13.0	12.1	10.9	9.4	8.1	29.9
54	186.9	181.9	40.5	13.3	12.3	11.1	9.6	8.2	30.4
55	190.3	185.3	39.7	13.6	12.6	11.3	9.7	8.4	31.0
56	193.8	188.8	39.0	13.8	12.8	11.5	9.9	8.5	31.5
57	197.2	192.2	38.3	14.1	13.0	11.8	10.1	8.7	32.1
58	200.7	195.7	37.6	14.3	13.3	12.0	10.3	8.8	32.7
59	204.2	199.2	36.9	14.6	13.5	12.2	10.5	9.0	33.2
60	207.6	202.6	36.3	14.8	13.7	12.4	10.6	9.2	33.8
61	211.1	206.1	35.7	15.1	14.0	12.6	10.8	9.3	34.4
62	214.5	209.5	35.1	15.3	14.2	12.8	11.0	9.5	34.9
63	218.0	213.0	34.5	15.6	14.4	13.0	11.2	9.6	35.5
64	221.5	216.5	34.0	15.8	14.7	13.2	11.4	9.8	36.0
65	224.9	219.9	33.5	16.1	14.9	13.5	11.6	9.9	36.6
66	228.4	223.4	32.9	16.3	15.2	13.7	11.7	10.1	37.2
67	231.8	226.8	32.4	16.6	15.4	13.9	11.9	10.3	37.7
68	235.3	230.3	31.9	16.8	15.6	14.1	12.1	10.4	38.3
69	238.8	233.8	31.5	17.1	15.9	14.3	12.3	10.6	38.9
70	242.2	237.2	31.0	17.4	16.1	14.5	12.5	10.7	39.4
71	245.7	240.7	30.6	17.6	16.3	14.7	12.6	10.9	40.0
72	249.1	244.1	30.1	17.9	16.6	14.9	12.8	11.0	40.6
73	252.6	247.6	29.7	18.1	16.8	15.1	13.0	11.2	41.1
74	256.1	251.1	29.3	18.4	17.0	15.4	13.2	11.4	41.7
75	259.5	254.5	28.9	18.6	17.3	15.6	13.4	11.5	42.2
76	263.0	258.0	28.5	18.9	17.5	15.8	13.6	11.7	42.8
77	266.4	261.4	28.1	19.1	17.7	16.0	13.7	11.8	43.4
78	269.9	264.9	27.8	19.4	18.0	16.2	13.9	12.0	43.9
79	273.4	268.4	27.4	19.6	18.2	16.4	14.1	12.1	44.5

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2950 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)	10	15	25	50		100
				MIP (in*lbs)					
				7969	570	528	477		409
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
	7969	570	528	477	409		352		
33	111.9	106.9	74.6	7.6	7.1	6.4	5.5	4.7	19.0
34	115.3	110.3	72.3	7.9	7.3	6.6	5.7	4.9	19.6
35	118.6	113.6	70.1	8.1	7.5	6.8	5.8	5.0	20.2
36	122.0	117.0	68.1	8.4	7.8	7.0	6.0	5.2	20.7
37	125.4	120.4	66.2	8.6	8.0	7.2	6.2	5.3	21.3
38	128.8	123.8	64.4	8.9	8.2	7.4	6.4	5.5	21.9
39	132.2	127.2	62.7	9.1	8.4	7.6	6.5	5.6	22.5
40	135.6	130.6	61.0	9.3	8.7	7.8	6.7	5.8	23.0
41	139.0	134.0	59.5	9.6	8.9	8.0	6.9	5.9	23.6
42	142.4	137.4	58.0	9.8	9.1	8.2	7.1	6.1	24.2
43	145.8	140.8	56.6	10.1	9.3	8.4	7.2	6.2	24.8
44	149.2	144.2	55.3	10.3	9.6	8.6	7.4	6.4	25.4
45	152.5	147.5	54.0	10.5	9.8	8.8	7.6	6.5	25.9
46	155.9	150.9	52.8	10.8	10.0	9.0	7.8	6.7	26.5
47	159.3	154.3	51.6	11.0	10.2	9.2	7.9	6.8	27.1
48	162.7	157.7	50.5	11.3	10.5	9.4	8.1	7.0	27.7
49	166.1	161.1	49.5	11.5	10.7	9.6	8.3	7.1	28.2
50	169.5	164.5	48.4	11.8	10.9	9.8	8.4	7.3	28.8
51	172.9	167.9	47.5	12.0	11.1	10.0	8.6	7.4	29.4
52	176.3	171.3	46.5	12.2	11.4	10.2	8.8	7.6	30.0
53	179.7	174.7	45.6	12.5	11.6	10.4	9.0	7.7	30.5
54	183.1	178.1	44.8	12.7	11.8	10.6	9.1	7.9	31.1
55	186.4	181.4	43.9	13.0	12.0	10.9	9.3	8.0	31.7
56	189.8	184.8	43.1	13.2	12.3	11.1	9.5	8.2	32.3
57	193.2	188.2	42.3	13.5	12.5	11.3	9.7	8.3	32.8
58	196.6	191.6	41.6	13.7	12.7	11.5	9.8	8.5	33.4
59	200.0	195.0	40.9	13.9	12.9	11.7	10.0	8.6	34.0
60	203.4	198.4	40.2	14.2	13.2	11.9	10.2	8.8	34.6
61	206.8	201.8	39.5	14.4	13.4	12.1	10.4	8.9	35.1
62	210.2	205.2	38.8	14.7	13.6	12.3	10.5	9.1	35.7
63	213.6	208.6	38.2	14.9	13.8	12.5	10.7	9.2	36.3
64	216.9	211.9	37.6	15.2	14.1	12.7	10.9	9.4	36.9
65	220.3	215.3	37.0	15.4	14.3	12.9	11.1	9.5	37.4
66	223.7	218.7	36.4	15.6	14.5	13.1	11.2	9.7	38.0
67	227.1	222.1	35.9	15.9	14.7	13.3	11.4	9.8	38.6
68	230.5	225.5	35.3	16.1	15.0	13.5	11.6	10.0	39.2
69	233.9	228.9	34.8	16.4	15.2	13.7	11.8	10.1	39.8
70	237.3	232.3	34.3	16.6	15.4	13.9	11.9	10.3	40.3
71	240.7	235.7	33.8	16.9	15.6	14.1	12.1	10.4	40.9
72	244.1	239.1	33.3	17.1	15.9	14.3	12.3	10.6	41.5
73	247.5	242.5	32.9	17.3	16.1	14.5	12.5	10.7	42.1
74	250.8	245.8	32.4	17.6	16.3	14.7	12.6	10.9	42.6
75	254.2	249.2	32.0	17.8	16.5	14.9	12.8	11.0	43.2
76	257.6	252.6	31.5	18.1	16.7	15.1	13.0	11.2	43.8
77	261.0	256.0	31.1	18.3	17.0	15.3	13.1	11.3	44.4
78	264.4	259.4	30.7	18.5	17.2	15.5	13.3	11.5	44.9
79	267.8	262.8	30.3	18.8	17.4	15.7	13.5	11.6	45.5
80	271.2	266.2	29.9	19.0	17.6	15.9	13.7	11.8	46.1

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.2970 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.5805	
			Rate (in*lbs*coil/turn) 8181	10	15	25	50		100
				MIP (in*lbs)					
				581	538	486	417		359
			IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)
33	111.1	106.1	77.1	7.5	7.0	6.3	5.4	4.7	19.2
34	114.5	109.5	74.7	7.8	7.2	6.5	5.6	4.8	19.7
35	117.8	112.8	72.5	8.0	7.4	6.7	5.8	5.0	20.3
36	121.2	116.2	70.4	8.2	7.6	6.9	5.9	5.1	20.9
37	124.6	119.6	68.4	8.5	7.9	7.1	6.1	5.2	21.5
38	127.9	122.9	66.5	8.7	8.1	7.3	6.3	5.4	22.1
39	131.3	126.3	64.8	9.0	8.3	7.5	6.4	5.5	22.6
40	134.7	129.7	63.1	9.2	8.5	7.7	6.6	5.7	23.2
41	138.0	133.0	61.5	9.4	8.8	7.9	6.8	5.8	23.8
42	141.4	136.4	60.0	9.7	9.0	8.1	7.0	6.0	24.4
43	144.8	139.8	58.5	9.9	9.2	8.3	7.1	6.1	25.0
44	148.1	143.1	57.2	10.2	9.4	8.5	7.3	6.3	25.5
45	151.5	146.5	55.8	10.4	9.6	8.7	7.5	6.4	26.1
46	154.9	149.9	54.6	10.6	9.9	8.9	7.6	6.6	26.7
47	158.2	153.2	53.4	10.9	10.1	9.1	7.8	6.7	27.3
48	161.6	156.6	52.2	11.1	10.3	9.3	8.0	6.9	27.9
49	165.0	160.0	51.1	11.4	10.5	9.5	8.2	7.0	28.4
50	168.4	163.4	50.1	11.6	10.7	9.7	8.3	7.2	29.0
51	171.7	166.7	49.1	11.8	11.0	9.9	8.5	7.3	29.6
52	175.1	170.1	48.1	12.1	11.2	10.1	8.7	7.5	30.2
53	178.5	173.5	47.2	12.3	11.4	10.3	8.8	7.6	30.8
54	181.8	176.8	46.3	12.5	11.6	10.5	9.0	7.8	31.3
55	185.2	180.2	45.4	12.8	11.9	10.7	9.2	7.9	31.9
56	188.6	183.6	44.6	13.0	12.1	10.9	9.4	8.1	32.5
57	191.9	186.9	43.8	13.3	12.3	11.1	9.5	8.2	33.1
58	195.3	190.3	43.0	13.5	12.5	11.3	9.7	8.3	33.7
59	198.7	193.7	42.3	13.7	12.7	11.5	9.9	8.5	34.2
60	202.0	197.0	41.5	14.0	13.0	11.7	10.0	8.6	34.8
61	205.4	200.4	40.8	14.2	13.2	11.9	10.2	8.8	35.4
62	208.8	203.8	40.2	14.5	13.4	12.1	10.4	8.9	36.0
63	212.1	207.1	39.5	14.7	13.6	12.3	10.6	9.1	36.6
64	215.5	210.5	38.9	14.9	13.9	12.5	10.7	9.2	37.2
65	218.9	213.9	38.3	15.2	14.1	12.7	10.9	9.4	37.7
66	222.2	217.2	37.7	15.4	14.3	12.9	11.1	9.5	38.3
67	225.6	220.6	37.1	15.7	14.5	13.1	11.2	9.7	38.9
68	229.0	224.0	36.5	15.9	14.7	13.3	11.4	9.8	39.5
69	232.3	227.3	36.0	16.1	15.0	13.5	11.6	10.0	40.1
70	235.7	230.7	35.5	16.4	15.2	13.7	11.8	10.1	40.6
71	239.1	234.1	35.0	16.6	15.4	13.9	11.9	10.3	41.2
72	242.4	237.4	34.5	16.8	15.6	14.1	12.1	10.4	41.8
73	245.8	240.8	34.0	17.1	15.8	14.3	12.3	10.6	42.4
74	249.2	244.2	33.5	17.3	16.1	14.5	12.4	10.7	43.0
75	252.5	247.5	33.1	17.6	16.3	14.7	12.6	10.9	43.5
76	255.9	250.9	32.6	17.8	16.5	14.9	12.8	11.0	44.1
77	259.3	254.3	32.2	18.0	16.7	15.1	13.0	11.2	44.7
78	262.6	257.6	31.8	18.3	17.0	15.3	13.1	11.3	45.3
79	266.0	261.0	31.3	18.5	17.2	15.5	13.3	11.5	45.9
80	269.4	264.4	30.9	18.8	17.4	15.7	13.5	11.6	46.4

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.3065 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)	10	15	25	50		100
				MIP (in*lbs)					
				9248	634	588	530		455
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
	9248	634	588	530	455		392		
35	114.2	109.2	84.7	7.5	6.9	6.3	5.4	4.6	21.0
36	117.5	112.5	82.2	7.7	7.1	6.4	5.5	4.8	21.6
37	120.7	115.7	79.9	7.9	7.4	6.6	5.7	4.9	22.2
38	124.0	119.0	77.7	8.2	7.6	6.8	5.9	5.0	22.8
39	127.2	122.2	75.7	8.4	7.8	7.0	6.0	5.2	23.4
40	130.5	125.5	73.7	8.6	8.0	7.2	6.2	5.3	24.0
41	133.8	128.8	71.8	8.8	8.2	7.4	6.3	5.5	24.6
42	137.0	132.0	70.0	9.1	8.4	7.6	6.5	5.6	25.2
43	140.3	135.3	68.4	9.3	8.6	7.8	6.7	5.7	25.8
44	143.6	138.6	66.8	9.5	8.8	7.9	6.8	5.9	26.4
45	146.8	141.8	65.2	9.7	9.0	8.1	7.0	6.0	27.0
46	150.1	145.1	63.7	9.9	9.2	8.3	7.1	6.1	27.6
47	153.3	148.3	62.3	10.2	9.4	8.5	7.3	6.3	28.3
48	156.6	151.6	61.0	10.4	9.6	8.7	7.5	6.4	28.9
49	159.9	154.9	59.7	10.6	9.8	8.9	7.6	6.6	29.5
50	163.1	158.1	58.5	10.8	10.1	9.1	7.8	6.7	30.1
51	166.4	161.4	57.3	11.1	10.3	9.3	7.9	6.8	30.7
52	169.7	164.7	56.2	11.3	10.5	9.4	8.1	7.0	31.3
53	172.9	167.9	55.1	11.5	10.7	9.6	8.3	7.1	31.9
54	176.2	171.2	54.0	11.7	10.9	9.8	8.4	7.3	32.5
55	179.4	174.4	53.0	12.0	11.1	10.0	8.6	7.4	33.1
56	182.7	177.7	52.0	12.2	11.3	10.2	8.7	7.5	33.7
57	186.0	181.0	51.1	12.4	11.5	10.4	8.9	7.7	34.3
58	189.2	184.2	50.2	12.6	11.7	10.6	9.1	7.8	34.9
59	192.5	187.5	49.3	12.9	11.9	10.7	9.2	7.9	35.5
60	195.8	190.8	48.5	13.1	12.1	10.9	9.4	8.1	36.1
61	199.0	194.0	47.7	13.3	12.3	11.1	9.6	8.2	36.7
62	202.3	197.3	46.9	13.5	12.5	11.3	9.7	8.4	37.3
63	205.5	200.5	46.1	13.7	12.7	11.5	9.9	8.5	37.9
64	208.8	203.8	45.4	14.0	13.0	11.7	10.0	8.6	38.5
65	212.1	207.1	44.7	14.2	13.2	11.9	10.2	8.8	39.1
66	215.3	210.3	44.0	14.4	13.4	12.1	10.4	8.9	39.7
67	218.6	213.6	43.3	14.6	13.6	12.2	10.5	9.1	40.3
68	221.9	216.9	42.6	14.9	13.8	12.4	10.7	9.2	40.9
69	225.1	220.1	42.0	15.1	14.0	12.6	10.8	9.3	41.5
70	228.4	223.4	41.4	15.3	14.2	12.8	11.0	9.5	42.1
71	231.6	226.6	40.8	15.5	14.4	13.0	11.2	9.6	42.7
72	234.9	229.9	40.2	15.8	14.6	13.2	11.3	9.7	43.3
73	238.2	233.2	39.7	16.0	14.8	13.4	11.5	9.9	43.9
74	241.4	236.4	39.1	16.2	15.0	13.6	11.6	10.0	44.5
75	244.7	239.7	38.6	16.4	15.2	13.7	11.8	10.2	45.1
76	248.0	243.0	38.1	16.7	15.4	13.9	12.0	10.3	45.7
77	251.2	246.2	37.6	16.9	15.7	14.1	12.1	10.4	46.3
78	254.5	249.5	37.1	17.1	15.9	14.3	12.3	10.6	46.9
79	257.7	252.7	36.6	17.3	16.1	14.5	12.4	10.7	47.5
80	261.0	256.0	36.1	17.5	16.3	14.7	12.6	10.8	48.1
81	264.3	259.3	35.7	17.8	16.5	14.9	12.8	11.0	48.7
82	267.5	262.5	35.2	18.0	16.7	15.1	12.9	11.1	49.3

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.3125 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)	10	15	25	50		100
				MIP (in*lbs)					
				9973	669	621	560		481
IPPT (in*lbs/turn)	Turns on spring					Weight of spring (lbs)			
	(Turns)								
37	118.4	113.4	87.9	7.6	7.1	6.4	5.5	4.7	22.7
38	121.6	116.6	85.5	7.8	7.3	6.5	5.6	4.8	23.3
39	124.8	119.8	83.2	8.0	7.5	6.7	5.8	5.0	24.0
40	128.0	123.0	81.1	8.3	7.7	6.9	5.9	5.1	24.6
41	131.2	126.2	79.0	8.5	7.9	7.1	6.1	5.2	25.2
42	134.4	129.4	77.1	8.7	8.1	7.3	6.2	5.4	25.8
43	137.6	132.6	75.2	8.9	8.3	7.4	6.4	5.5	26.4
44	140.8	135.8	73.4	9.1	8.4	7.6	6.5	5.6	27.0
45	144.0	139.0	71.7	9.3	8.6	7.8	6.7	5.8	27.6
46	147.2	142.2	70.1	9.5	8.8	8.0	6.9	5.9	28.3
47	150.4	145.4	68.6	9.8	9.0	8.2	7.0	6.0	28.9
48	153.6	148.6	67.1	10.0	9.2	8.3	7.2	6.2	29.5
49	156.8	151.8	65.7	10.2	9.4	8.5	7.3	6.3	30.1
50	160.0	155.0	64.3	10.4	9.6	8.7	7.5	6.4	30.7
51	163.2	158.2	63.0	10.6	9.8	8.9	7.6	6.6	31.3
52	166.4	161.4	61.8	10.8	10.0	9.1	7.8	6.7	31.9
53	169.6	164.6	60.6	11.0	10.2	9.2	7.9	6.8	32.6
54	172.8	167.8	59.4	11.3	10.4	9.4	8.1	7.0	33.2
55	176.0	171.0	58.3	11.5	10.6	9.6	8.2	7.1	33.8
56	179.2	174.2	57.3	11.7	10.8	9.8	8.4	7.2	34.4
57	182.4	177.4	56.2	11.9	11.0	10.0	8.5	7.4	35.0
58	185.6	180.6	55.2	12.1	11.2	10.1	8.7	7.5	35.6
59	188.8	183.8	54.3	12.3	11.4	10.3	8.9	7.6	36.2
60	192.0	187.0	53.3	12.5	11.6	10.5	9.0	7.8	36.8
61	195.2	190.2	52.4	12.8	11.8	10.7	9.2	7.9	37.5
62	198.4	193.4	51.6	13.0	12.0	10.9	9.3	8.0	38.1
63	201.6	196.6	50.7	13.2	12.2	11.0	9.5	8.2	38.7
64	204.8	199.8	49.9	13.4	12.4	11.2	9.6	8.3	39.3
65	208.0	203.0	49.1	13.6	12.6	11.4	9.8	8.4	39.9
66	211.2	206.2	48.4	13.8	12.8	11.6	9.9	8.6	40.5
67	214.4	209.4	47.6	14.1	13.0	11.8	10.1	8.7	41.1
68	217.6	212.6	46.9	14.3	13.2	11.9	10.2	8.8	41.8
69	220.8	215.8	46.2	14.5	13.4	12.1	10.4	9.0	42.4
70	224.0	219.0	45.5	14.7	13.6	12.3	10.6	9.1	43.0
71	227.2	222.2	44.9	14.9	13.8	12.5	10.7	9.2	43.6
72	230.4	225.4	44.2	15.1	14.0	12.7	10.9	9.4	44.2
73	233.6	228.6	43.6	15.3	14.2	12.8	11.0	9.5	44.8
74	236.8	231.8	43.0	15.6	14.4	13.0	11.2	9.6	45.4
75	240.0	235.0	42.4	15.8	14.6	13.2	11.3	9.7	46.1
76	243.2	238.2	41.9	16.0	14.8	13.4	11.5	9.9	46.7
77	246.4	241.4	41.3	16.2	15.0	13.5	11.6	10.0	47.3
78	249.6	244.6	40.8	16.4	15.2	13.7	11.8	10.1	47.9
79	252.8	247.8	40.2	16.6	15.4	13.9	11.9	10.3	48.5
80	256.0	251.0	39.7	16.8	15.6	14.1	12.1	10.4	49.1
81	259.2	254.2	39.2	17.1	15.8	14.3	12.3	10.5	49.7
82	262.4	257.4	38.7	17.3	16.0	14.4	12.4	10.7	50.4
83	265.6	260.6	38.3	17.5	16.2	14.6	12.6	10.8	51.0
84	268.8	263.8	37.8	17.7	16.4	14.8	12.7	10.9	51.6

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.3195 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.6295	
			Rate (in*lbs*coil/turn) 10870	10	15	25	50		100
				MIP (in*lbs)					
				712	660	595	511		440
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
38	118.9	113.9	95.4	7.5	6.9	6.2	5.4	4.6	23.9
39	122.1	117.1	92.9	7.7	7.1	6.4	5.5	4.7	24.5
40	125.2	120.2	90.4	7.9	7.3	6.6	5.7	4.9	25.2
41	128.3	123.3	88.1	8.1	7.5	6.8	5.8	5.0	25.8
42	131.5	126.5	86.0	8.3	7.7	6.9	5.9	5.1	26.4
43	134.6	129.6	83.9	8.5	7.9	7.1	6.1	5.2	27.1
44	137.7	132.7	81.9	8.7	8.1	7.3	6.2	5.4	27.7
45	140.8	135.8	80.0	8.9	8.2	7.4	6.4	5.5	28.3
46	144.0	139.0	78.2	9.1	8.4	7.6	6.5	5.6	29.0
47	147.1	142.1	76.5	9.3	8.6	7.8	6.7	5.8	29.6
48	150.2	145.2	74.8	9.5	8.8	8.0	6.8	5.9	30.2
49	153.4	148.4	73.3	9.7	9.0	8.1	7.0	6.0	30.8
50	156.5	151.5	71.8	9.9	9.2	8.3	7.1	6.1	31.5
51	159.6	154.6	70.3	10.1	9.4	8.5	7.3	6.3	32.1
52	162.8	157.8	68.9	10.3	9.6	8.6	7.4	6.4	32.7
53	165.9	160.9	67.6	10.5	9.8	8.8	7.6	6.5	33.4
54	169.0	164.0	66.3	10.7	10.0	9.0	7.7	6.6	34.0
55	172.1	167.1	65.0	10.9	10.2	9.2	7.9	6.8	34.6
56	175.3	170.3	63.8	11.2	10.3	9.3	8.0	6.9	35.3
57	178.4	173.4	62.7	11.4	10.5	9.5	8.2	7.0	35.9
58	181.5	176.5	61.6	11.6	10.7	9.7	8.3	7.1	36.5
59	184.7	179.7	60.5	11.8	10.9	9.8	8.5	7.3	37.1
60	187.8	182.8	59.5	12.0	11.1	10.0	8.6	7.4	37.8
61	190.9	185.9	58.5	12.2	11.3	10.2	8.7	7.5	38.4
62	194.1	189.1	57.5	12.4	11.5	10.4	8.9	7.7	39.0
63	197.2	192.2	56.6	12.6	11.7	10.5	9.0	7.8	39.7
64	200.3	195.3	55.7	12.8	11.9	10.7	9.2	7.9	40.3
65	203.4	198.4	54.8	13.0	12.1	10.9	9.3	8.0	40.9
66	206.6	201.6	53.9	13.2	12.2	11.0	9.5	8.2	41.5
67	209.7	204.7	53.1	13.4	12.4	11.2	9.6	8.3	42.2
68	212.8	207.8	52.3	13.6	12.6	11.4	9.8	8.4	42.8
69	216.0	211.0	51.5	13.8	12.8	11.6	9.9	8.5	43.4
70	219.1	214.1	50.8	14.0	13.0	11.7	10.1	8.7	44.1
71	222.2	217.2	50.0	14.2	13.2	11.9	10.2	8.8	44.7
72	225.4	220.4	49.3	14.4	13.4	12.1	10.4	8.9	45.3
73	228.5	223.5	48.6	14.6	13.6	12.2	10.5	9.0	46.0
74	231.6	226.6	48.0	14.8	13.8	12.4	10.7	9.2	46.6
75	234.7	229.7	47.3	15.0	14.0	12.6	10.8	9.3	47.2
76	237.9	232.9	46.7	15.3	14.1	12.8	11.0	9.4	47.8
77	241.0	236.0	46.1	15.5	14.3	12.9	11.1	9.6	48.5
78	244.1	239.1	45.5	15.7	14.5	13.1	11.2	9.7	49.1
79	247.3	242.3	44.9	15.9	14.7	13.3	11.4	9.8	49.7
80	250.4	245.4	44.3	16.1	14.9	13.4	11.5	9.9	50.4
81	253.5	248.5	43.7	16.3	15.1	13.6	11.7	10.1	51.0
82	256.7	251.7	43.2	16.5	15.3	13.8	11.8	10.2	51.6
83	259.8	254.8	42.7	16.7	15.5	14.0	12.0	10.3	52.2
84	262.9	257.9	42.1	16.9	15.7	14.1	12.1	10.4	52.9
85	266.0	261.0	41.6	17.1	15.9	14.3	12.3	10.6	53.5

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.3310 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.6548	
			Rate (in*lbs*coil/turn) 12470	10	15	25	50		100
				MIP (in*lbs)					
				786	729	657	564		486
IPPT	Turns on spring					Weight of spring (lbs)			
	(in*lbs/turn)	(Turns)							
38	114.8	109.8	113.6	6.9	6.4	5.8	5.0	4.3	24.9
39	117.8	112.8	110.5	7.1	6.6	5.9	5.1	4.4	25.5
40	120.8	115.8	107.6	7.3	6.8	6.1	5.2	4.5	26.2
41	123.9	118.9	104.9	7.5	6.9	6.3	5.4	4.6	26.8
42	126.9	121.9	102.3	7.7	7.1	6.4	5.5	4.7	27.5
43	129.9	124.9	99.8	7.9	7.3	6.6	5.7	4.9	28.2
44	132.9	127.9	97.5	8.1	7.5	6.7	5.8	5.0	28.8
45	136.0	131.0	95.2	8.3	7.7	6.9	5.9	5.1	29.5
46	139.0	134.0	93.1	8.4	7.8	7.1	6.1	5.2	30.1
47	142.0	137.0	91.0	8.6	8.0	7.2	6.2	5.3	30.8
48	145.0	140.0	89.1	8.8	8.2	7.4	6.3	5.5	31.4
49	148.0	143.0	87.2	9.0	8.4	7.5	6.5	5.6	32.1
50	151.1	146.1	85.4	9.2	8.5	7.7	6.6	5.7	32.7
51	154.1	149.1	83.7	9.4	8.7	7.9	6.7	5.8	33.4
52	157.1	152.1	82.0	9.6	8.9	8.0	6.9	5.9	34.0
53	160.1	155.1	80.4	9.8	9.1	8.2	7.0	6.0	34.7
54	163.1	158.1	78.9	10.0	9.2	8.3	7.2	6.2	35.4
55	166.2	161.2	77.4	10.2	9.4	8.5	7.3	6.3	36.0
56	169.2	164.2	76.0	10.3	9.6	8.7	7.4	6.4	36.7
57	172.2	167.2	74.6	10.5	9.8	8.8	7.6	6.5	37.3
58	175.2	170.2	73.3	10.7	9.9	9.0	7.7	6.6	38.0
59	178.2	173.2	72.0	10.9	10.1	9.1	7.8	6.7	38.6
60	181.3	176.3	70.7	11.1	10.3	9.3	8.0	6.9	39.3
61	184.3	179.3	69.6	11.3	10.5	9.4	8.1	7.0	39.9
62	187.3	182.3	68.4	11.5	10.7	9.6	8.2	7.1	40.6
63	190.3	185.3	67.3	11.7	10.8	9.8	8.4	7.2	41.3
64	193.4	188.4	66.2	11.9	11.0	9.9	8.5	7.3	41.9
65	196.4	191.4	65.2	12.1	11.2	10.1	8.7	7.5	42.6
66	199.4	194.4	64.2	12.2	11.4	10.2	8.8	7.6	43.2
67	202.4	197.4	63.2	12.4	11.5	10.4	8.9	7.7	43.9
68	205.4	200.4	62.2	12.6	11.7	10.6	9.1	7.8	44.5
69	208.5	203.5	61.3	12.8	11.9	10.7	9.2	7.9	45.2
70	211.5	206.5	60.4	13.0	12.1	10.9	9.3	8.0	45.8
71	214.5	209.5	59.5	13.2	12.2	11.0	9.5	8.2	46.5
72	217.5	212.5	58.7	13.4	12.4	11.2	9.6	8.3	47.1
73	220.5	215.5	57.9	13.6	12.6	11.4	9.8	8.4	47.8
74	223.6	218.6	57.1	13.8	12.8	11.5	9.9	8.5	48.5
75	226.6	221.6	56.3	14.0	12.9	11.7	10.0	8.6	49.1
76	229.6	224.6	55.5	14.2	13.1	11.8	10.2	8.7	49.8
77	232.6	227.6	54.8	14.3	13.3	12.0	10.3	8.9	50.4
78	235.6	230.6	54.1	14.5	13.5	12.2	10.4	9.0	51.1
79	238.7	233.7	53.4	14.7	13.7	12.3	10.6	9.1	51.7
80	241.7	236.7	52.7	14.9	13.8	12.5	10.7	9.2	52.4
81	244.7	239.7	52.0	15.1	14.0	12.6	10.8	9.3	53.0
82	247.7	242.7	51.4	15.3	14.2	12.8	11.0	9.5	53.7
83	250.8	245.8	50.7	15.5	14.4	12.9	11.1	9.6	54.3
84	253.8	248.8	50.1	15.7	14.5	13.1	11.3	9.7	55.0
85	256.8	251.8	49.5	15.9	14.7	13.3	11.4	9.8	55.7

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.3437 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.6830	
			Rate (in*lbs*coil/turn) 14432	10	15	25	50		100
				MIP (in*lbs)					
				873	809	730	627		540
IPPT	Turns on spring					Weight of spring (lbs)			
	(in*lbs/turn)	(Turns)							
39	113.5	108.5	133.1	6.6	6.1	5.5	4.7	4.1	26.6
40	116.4	111.4	129.6	6.7	6.2	5.6	4.8	4.2	27.3
41	119.3	114.3	126.3	6.9	6.4	5.8	5.0	4.3	28.0
42	122.2	117.2	123.1	7.1	6.6	5.9	5.1	4.4	28.7
43	125.1	120.1	120.2	7.3	6.7	6.1	5.2	4.5	29.4
44	128.0	123.0	117.3	7.4	6.9	6.2	5.3	4.6	30.1
45	130.9	125.9	114.6	7.6	7.1	6.4	5.5	4.7	30.7
46	133.8	128.8	112.0	7.8	7.2	6.5	5.6	4.8	31.4
47	136.7	131.7	109.6	8.0	7.4	6.7	5.7	4.9	32.1
48	139.7	134.7	107.2	8.1	7.6	6.8	5.8	5.0	32.8
49	142.6	137.6	104.9	8.3	7.7	7.0	6.0	5.1	33.5
50	145.5	140.5	102.7	8.5	7.9	7.1	6.1	5.3	34.1
51	148.4	143.4	100.7	8.7	8.0	7.3	6.2	5.4	34.8
52	151.3	146.3	98.7	8.8	8.2	7.4	6.4	5.5	35.5
53	154.2	149.2	96.7	9.0	8.4	7.5	6.5	5.6	36.2
54	157.1	152.1	94.9	9.2	8.5	7.7	6.6	5.7	36.9
55	160.0	155.0	93.1	9.4	8.7	7.8	6.7	5.8	37.6
56	162.9	157.9	91.4	9.6	8.9	8.0	6.9	5.9	38.2
57	165.8	160.8	89.7	9.7	9.0	8.1	7.0	6.0	38.9
58	168.8	163.8	88.1	9.9	9.2	8.3	7.1	6.1	39.6
59	171.7	166.7	86.6	10.1	9.3	8.4	7.2	6.2	40.3
60	174.6	169.6	85.1	10.3	9.5	8.6	7.4	6.3	41.0
61	177.5	172.5	83.7	10.4	9.7	8.7	7.5	6.4	41.7
62	180.4	175.4	82.3	10.6	9.8	8.9	7.6	6.6	42.3
63	183.3	178.3	80.9	10.8	10.0	9.0	7.7	6.7	43.0
64	186.2	181.2	79.6	11.0	10.2	9.2	7.9	6.8	43.7
65	189.1	184.1	78.4	11.1	10.3	9.3	8.0	6.9	44.4
66	192.0	187.0	77.2	11.3	10.5	9.5	8.1	7.0	45.1
67	194.9	189.9	76.0	11.5	10.7	9.6	8.2	7.1	45.8
68	197.8	192.8	74.8	11.7	10.8	9.8	8.4	7.2	46.4
69	200.8	195.8	73.7	11.8	11.0	9.9	8.5	7.3	47.1
70	203.7	198.7	72.6	12.0	11.1	10.0	8.6	7.4	47.8
71	206.6	201.6	71.6	12.2	11.3	10.2	8.8	7.5	48.5
72	209.5	204.5	70.6	12.4	11.5	10.3	8.9	7.6	49.2
73	212.4	207.4	69.6	12.5	11.6	10.5	9.0	7.8	49.9
74	215.3	210.3	68.6	12.7	11.8	10.6	9.1	7.9	50.5
75	218.2	213.2	67.7	12.9	12.0	10.8	9.3	8.0	51.2
76	221.1	216.1	66.8	13.1	12.1	10.9	9.4	8.1	51.9
77	224.0	219.0	65.9	13.2	12.3	11.1	9.5	8.2	52.6
78	226.9	221.9	65.0	13.4	12.4	11.2	9.6	8.3	53.3
79	229.9	224.9	64.2	13.6	12.6	11.4	9.8	8.4	54.0
80	232.8	227.8	63.4	13.8	12.8	11.5	9.9	8.5	54.6
81	235.7	230.7	62.6	13.9	12.9	11.7	10.0	8.6	55.3
82	238.6	233.6	61.8	14.1	13.1	11.8	10.1	8.7	56.0
83	241.5	236.5	61.0	14.3	13.3	12.0	10.3	8.8	56.7
84	244.4	239.4	60.3	14.5	13.4	12.1	10.4	8.9	57.4
85	247.3	242.3	59.6	14.7	13.6	12.3	10.5	9.1	58.1
86	250.2	245.2	58.9	14.8	13.7	12.4	10.6	9.2	58.7

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.3625 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)						Weight per inch (lbs/in) 0.7251
			Rate (in*lbs*coil/turn)		MIP (in*lbs)				
			17742	1013	939	847	727	626	
			IPPT (in*lbs/turn)	Turns on spring (Turns)					
39	107.6	102.6	172.9	5.9	5.4	4.9	4.2	3.6	28.3
40	110.3	105.3	168.4	6.0	5.6	5.0	4.3	3.7	29.0
41	113.1	108.1	164.1	6.2	5.7	5.2	4.4	3.8	29.7
42	115.9	110.9	160.0	6.3	5.9	5.3	4.5	3.9	30.5
43	118.6	113.6	156.2	6.5	6.0	5.4	4.7	4.0	31.2
44	121.4	116.4	152.5	6.6	6.2	5.6	4.8	4.1	31.9
45	124.1	119.1	148.9	6.8	6.3	5.7	4.9	4.2	32.6
46	126.9	121.9	145.6	7.0	6.5	5.8	5.0	4.3	33.4
47	129.7	124.7	142.3	7.1	6.6	6.0	5.1	4.4	34.1
48	132.4	127.4	139.2	7.3	6.7	6.1	5.2	4.5	34.8
49	135.2	130.2	136.3	7.4	6.9	6.2	5.3	4.6	35.5
50	137.9	132.9	133.5	7.6	7.0	6.3	5.4	4.7	36.3
51	140.7	135.7	130.8	7.7	7.2	6.5	5.6	4.8	37.0
52	143.4	138.4	128.2	7.9	7.3	6.6	5.7	4.9	37.7
53	146.2	141.2	125.6	8.1	7.5	6.7	5.8	5.0	38.4
54	149.0	144.0	123.2	8.2	7.6	6.9	5.9	5.1	39.2
55	151.7	146.7	120.9	8.4	7.8	7.0	6.0	5.2	39.9
56	154.5	149.5	118.7	8.5	7.9	7.1	6.1	5.3	40.6
57	157.2	152.2	116.5	8.7	8.1	7.3	6.2	5.4	41.3
58	160.0	155.0	114.5	8.8	8.2	7.4	6.4	5.5	42.1
59	162.8	157.8	112.5	9.0	8.3	7.5	6.5	5.6	42.8
60	165.5	160.5	110.5	9.2	8.5	7.7	6.6	5.7	43.5
61	168.3	163.3	108.7	9.3	8.6	7.8	6.7	5.8	44.2
62	171.0	166.0	106.9	9.5	8.8	7.9	6.8	5.9	45.0
63	173.8	168.8	105.1	9.6	8.9	8.1	6.9	6.0	45.7
64	176.6	171.6	103.4	9.8	9.1	8.2	7.0	6.1	46.4
65	179.3	174.3	101.8	9.9	9.2	8.3	7.1	6.1	47.1
66	182.1	177.1	100.2	10.1	9.4	8.5	7.3	6.2	47.9
67	184.8	179.8	98.7	10.3	9.5	8.6	7.4	6.3	48.6
68	187.6	182.6	97.2	10.4	9.7	8.7	7.5	6.4	49.3
69	190.3	185.3	95.7	10.6	9.8	8.8	7.6	6.5	50.0
70	193.1	188.1	94.3	10.7	10.0	9.0	7.7	6.6	50.8
71	195.9	190.9	93.0	10.9	10.1	9.1	7.8	6.7	51.5
72	198.6	193.6	91.6	11.1	10.2	9.2	7.9	6.8	52.2
73	201.4	196.4	90.3	11.2	10.4	9.4	8.0	6.9	52.9
74	204.1	199.1	89.1	11.4	10.5	9.5	8.2	7.0	53.7
75	206.9	201.9	87.9	11.5	10.7	9.6	8.3	7.1	54.4
76	209.7	204.7	86.7	11.7	10.8	9.8	8.4	7.2	55.1
77	212.4	207.4	85.5	11.8	11.0	9.9	8.5	7.3	55.8
78	215.2	210.2	84.4	12.0	11.1	10.0	8.6	7.4	56.6
79	217.9	212.9	83.3	12.2	11.3	10.2	8.7	7.5	57.3
80	220.7	215.7	82.3	12.3	11.4	10.3	8.8	7.6	58.0
81	223.4	218.4	81.2	12.5	11.6	10.4	9.0	7.7	58.7
82	226.2	221.2	80.2	12.6	11.7	10.6	9.1	7.8	59.5
83	229.0	224.0	79.2	12.8	11.9	10.7	9.2	7.9	60.2
84	231.7	226.7	78.3	12.9	12.0	10.8	9.3	8.0	60.9
85	234.5	229.5	77.3	13.1	12.1	11.0	9.4	8.1	61.6
86	237.2	232.2	76.4	13.3	12.3	11.1	9.5	8.2	62.4

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.3750 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)						Weight per inch (lbs/in) 0.7534
			Rate (in*lbs*coil/turn)		MIP (in*lbs)				
			20230	1113	1032	931	799	688	
			IPPT (in*lbs/turn)	Turns on spring (Turns)					
40	106.7	101.7	199.0	5.6	5.2	4.7	4.0	3.5	30.1
41	109.3	104.3	193.9	5.7	5.3	4.8	4.1	3.5	30.9
42	112.0	107.0	189.1	5.9	5.5	4.9	4.2	3.6	31.6
43	114.7	109.7	184.5	6.0	5.6	5.0	4.3	3.7	32.4
44	117.3	112.3	180.1	6.2	5.7	5.2	4.4	3.8	33.1
45	120.0	115.0	175.9	6.3	5.9	5.3	4.5	3.9	33.9
46	122.7	117.7	171.9	6.5	6.0	5.4	4.6	4.0	34.7
47	125.3	120.3	168.1	6.6	6.1	5.5	4.8	4.1	35.4
48	128.0	123.0	164.5	6.8	6.3	5.7	4.9	4.2	36.2
49	130.7	125.7	161.0	6.9	6.4	5.8	5.0	4.3	36.9
50	133.3	128.3	157.6	7.1	6.5	5.9	5.1	4.4	37.7
51	136.0	131.0	154.4	7.2	6.7	6.0	5.2	4.5	38.4
52	138.7	133.7	151.4	7.4	6.8	6.2	5.3	4.5	39.2
53	141.3	136.3	148.4	7.5	7.0	6.3	5.4	4.6	39.9
54	144.0	139.0	145.5	7.6	7.1	6.4	5.5	4.7	40.7
55	146.7	141.7	142.8	7.8	7.2	6.5	5.6	4.8	41.4
56	149.3	144.3	140.2	7.9	7.4	6.6	5.7	4.9	42.2
57	152.0	147.0	137.6	8.1	7.5	6.8	5.8	5.0	42.9
58	154.7	149.7	135.2	8.2	7.6	6.9	5.9	5.1	43.7
59	157.3	152.3	132.8	8.4	7.8	7.0	6.0	5.2	44.4
60	160.0	155.0	130.5	8.5	7.9	7.1	6.1	5.3	45.2
61	162.7	157.7	128.3	8.7	8.0	7.3	6.2	5.4	46.0
62	165.3	160.3	126.2	8.8	8.2	7.4	6.3	5.5	46.7
63	168.0	163.0	124.1	9.0	8.3	7.5	6.4	5.5	47.5
64	170.7	165.7	122.1	9.1	8.5	7.6	6.5	5.6	48.2
65	173.3	168.3	120.2	9.3	8.6	7.7	6.7	5.7	49.0
66	176.0	171.0	118.3	9.4	8.7	7.9	6.8	5.8	49.7
67	178.7	173.7	116.5	9.6	8.9	8.0	6.9	5.9	50.5
68	181.3	176.3	114.7	9.7	9.0	8.1	7.0	6.0	51.2
69	184.0	179.0	113.0	9.8	9.1	8.2	7.1	6.1	52.0
70	186.7	181.7	111.4	10.0	9.3	8.4	7.2	6.2	52.7
71	189.3	184.3	109.7	10.1	9.4	8.5	7.3	6.3	53.5
72	192.0	187.0	108.2	10.3	9.5	8.6	7.4	6.4	54.2
73	194.7	189.7	106.7	10.4	9.7	8.7	7.5	6.5	55.0
74	197.3	192.3	105.2	10.6	9.8	8.9	7.6	6.5	55.7
75	200.0	195.0	103.7	10.7	9.9	9.0	7.7	6.6	56.5
76	202.7	197.7	102.3	10.9	10.1	9.1	7.8	6.7	57.3
77	205.3	200.3	101.0	11.0	10.2	9.2	7.9	6.8	58.0
78	208.0	203.0	99.7	11.2	10.4	9.3	8.0	6.9	58.8
79	210.7	205.7	98.4	11.3	10.5	9.5	8.1	7.0	59.5
80	213.3	208.3	97.1	11.5	10.6	9.6	8.2	7.1	60.3
81	216.0	211.0	95.9	11.6	10.8	9.7	8.3	7.2	61.0
82	218.7	213.7	94.7	11.8	10.9	9.8	8.4	7.3	61.8
83	221.3	216.3	93.5	11.9	11.0	10.0	8.5	7.4	62.5
84	224.0	219.0	92.4	12.0	11.2	10.1	8.7	7.4	63.3
85	226.7	221.7	91.3	12.2	11.3	10.2	8.8	7.5	64.0
86	229.3	224.3	90.2	12.3	11.4	10.3	8.9	7.6	64.8
87	232.0	227.0	89.1	12.5	11.6	10.4	9.0	7.7	65.5

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.3938 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)						Weight per inch (lbs/in) 0.7963
			Rate (in*lbs*coil/turn)		MIP (in*lbs)				
			24443	1276	1183	1067	916	789	
			IPPT	Turns on spring					
(in*lbs/turn)	(Turns)								
44	111.7	106.7	229.0	5.6	5.2	4.7	4.0	3.4	35.0
45	114.3	109.3	223.7	5.7	5.3	4.8	4.1	3.5	35.8
46	116.8	111.8	218.6	5.8	5.4	4.9	4.2	3.6	36.6
47	119.3	114.3	213.8	6.0	5.5	5.0	4.3	3.7	37.4
48	121.9	116.9	209.1	6.1	5.7	5.1	4.4	3.8	38.2
49	124.4	119.4	204.7	6.2	5.8	5.2	4.5	3.9	39.0
50	127.0	122.0	200.4	6.4	5.9	5.3	4.6	3.9	39.8
51	129.5	124.5	196.3	6.5	6.0	5.4	4.7	4.0	40.6
52	132.0	127.0	192.4	6.6	6.1	5.5	4.8	4.1	41.4
53	134.6	129.6	188.6	6.8	6.3	5.7	4.9	4.2	42.2
54	137.1	132.1	185.0	6.9	6.4	5.8	5.0	4.3	43.0
55	139.7	134.7	181.5	7.0	6.5	5.9	5.0	4.3	43.8
56	142.2	137.2	178.2	7.2	6.6	6.0	5.1	4.4	44.6
57	144.7	139.7	174.9	7.3	6.8	6.1	5.2	4.5	45.4
58	147.3	142.3	171.8	7.4	6.9	6.2	5.3	4.6	46.2
59	149.8	144.8	168.8	7.6	7.0	6.3	5.4	4.7	47.0
60	152.4	147.4	165.9	7.7	7.1	6.4	5.5	4.8	47.8
61	154.9	149.9	163.1	7.8	7.3	6.5	5.6	4.8	48.6
62	157.4	152.4	160.3	8.0	7.4	6.7	5.7	4.9	49.4
63	160.0	155.0	157.7	8.1	7.5	6.8	5.8	5.0	50.2
64	162.5	157.5	155.2	8.2	7.6	6.9	5.9	5.1	51.0
65	165.1	160.1	152.7	8.4	7.7	7.0	6.0	5.2	51.8
66	167.6	162.6	150.3	8.5	7.9	7.1	6.1	5.2	52.6
67	170.1	165.1	148.0	8.6	8.0	7.2	6.2	5.3	53.4
68	172.7	167.7	145.8	8.8	8.1	7.3	6.3	5.4	54.1
69	175.2	170.2	143.6	8.9	8.2	7.4	6.4	5.5	54.9
70	177.8	172.8	141.5	9.0	8.4	7.5	6.5	5.6	55.7
71	180.3	175.3	139.4	9.1	8.5	7.7	6.6	5.7	56.5
72	182.8	177.8	137.4	9.3	8.6	7.8	6.7	5.7	57.3
73	185.4	180.4	135.5	9.4	8.7	7.9	6.8	5.8	58.1
74	187.9	182.9	133.6	9.5	8.9	8.0	6.9	5.9	58.9
75	190.5	185.5	131.8	9.7	9.0	8.1	7.0	6.0	59.7
76	193.0	188.0	130.0	9.8	9.1	8.2	7.0	6.1	60.5
77	195.5	190.5	128.3	9.9	9.2	8.3	7.1	6.1	61.3
78	198.1	193.1	126.6	10.1	9.3	8.4	7.2	6.2	62.1
79	200.6	195.6	125.0	10.2	9.5	8.5	7.3	6.3	62.9
80	203.1	198.1	123.4	10.3	9.6	8.6	7.4	6.4	63.7
81	205.7	200.7	121.8	10.5	9.7	8.8	7.5	6.5	64.5
82	208.2	203.2	120.3	10.6	9.8	8.9	7.6	6.6	65.3
83	210.8	205.8	118.8	10.7	10.0	9.0	7.7	6.6	66.1
84	213.3	208.3	117.3	10.9	10.1	9.1	7.8	6.7	66.9
85	215.8	210.8	115.9	11.0	10.2	9.2	7.9	6.8	67.7
86	218.4	213.4	114.5	11.1	10.3	9.3	8.0	6.9	68.5
87	220.9	215.9	113.2	11.3	10.5	9.4	8.1	7.0	69.3
88	223.5	218.5	111.9	11.4	10.6	9.5	8.2	7.0	70.1
89	226.0	221.0	110.6	11.5	10.7	9.6	8.3	7.1	70.9
90	228.5	223.5	109.3	11.7	10.8	9.8	8.4	7.2	71.7
91	231.1	226.1	108.1	11.8	10.9	9.9	8.5	7.3	72.5

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

2.500 Coil diameter (in)
 0.4062 Wire diameter (in)
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)						Weight per inch (lbs/in) 0.8249
			Rate (in*lbs*coil/turn) 27552	MIP (in*lbs)					
				10	15	25	50	100	
				1391	1290	1163	999	860	
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
48	118.2	113.2	243.5	5.7	5.3	4.8	4.1	3.5	39.6
49	120.6	115.6	238.3	5.8	5.4	4.9	4.2	3.6	40.4
50	123.1	118.1	233.3	6.0	5.5	5.0	4.3	3.7	41.2
51	125.6	120.6	228.5	6.1	5.6	5.1	4.4	3.8	42.1
52	128.0	123.0	224.0	6.2	5.8	5.2	4.5	3.8	42.9
53	130.5	125.5	219.6	6.3	5.9	5.3	4.5	3.9	43.7
54	132.9	127.9	215.4	6.5	6.0	5.4	4.6	4.0	44.5
55	135.4	130.4	211.3	6.6	6.1	5.5	4.7	4.1	45.4
56	137.9	132.9	207.4	6.7	6.2	5.6	4.8	4.1	46.2
57	140.3	135.3	203.6	6.8	6.3	5.7	4.9	4.2	47.0
58	142.8	137.8	200.0	7.0	6.5	5.8	5.0	4.3	47.8
59	145.2	140.2	196.5	7.1	6.6	5.9	5.1	4.4	48.7
60	147.7	142.7	193.1	7.2	6.7	6.0	5.2	4.5	49.5
61	150.2	145.2	189.8	7.3	6.8	6.1	5.3	4.5	50.3
62	152.6	147.6	186.6	7.5	6.9	6.2	5.4	4.6	51.1
63	155.1	150.1	183.6	7.6	7.0	6.3	5.4	4.7	52.0
64	157.6	152.6	180.6	7.7	7.1	6.4	5.5	4.8	52.8
65	160.0	155.0	177.7	7.8	7.3	6.5	5.6	4.8	53.6
66	162.5	157.5	175.0	8.0	7.4	6.6	5.7	4.9	54.4
67	164.9	159.9	172.3	8.1	7.5	6.8	5.8	5.0	55.3
68	167.4	162.4	169.7	8.2	7.6	6.9	5.9	5.1	56.1
69	169.9	164.9	167.1	8.3	7.7	7.0	6.0	5.1	56.9
70	172.3	167.3	164.7	8.4	7.8	7.1	6.1	5.2	57.7
71	174.8	169.8	162.3	8.6	7.9	7.2	6.2	5.3	58.6
72	177.3	172.3	160.0	8.7	8.1	7.3	6.2	5.4	59.4
73	179.7	174.7	157.7	8.8	8.2	7.4	6.3	5.5	60.2
74	182.2	177.2	155.5	8.9	8.3	7.5	6.4	5.5	61.0
75	184.6	179.6	153.4	9.1	8.4	7.6	6.5	5.6	61.9
76	187.1	182.1	151.3	9.2	8.5	7.7	6.6	5.7	62.7
77	189.6	184.6	149.3	9.3	8.6	7.8	6.7	5.8	63.5
78	192.0	187.0	147.3	9.4	8.8	7.9	6.8	5.8	64.3
79	194.5	189.5	145.4	9.6	8.9	8.0	6.9	5.9	65.2
80	196.9	191.9	143.5	9.7	9.0	8.1	7.0	6.0	66.0
81	199.4	194.4	141.7	9.8	9.1	8.2	7.0	6.1	66.8
82	201.9	196.9	140.0	9.9	9.2	8.3	7.1	6.1	67.6
83	204.3	199.3	138.2	10.1	9.3	8.4	7.2	6.2	68.5
84	206.8	201.8	136.5	10.2	9.4	8.5	7.3	6.3	69.3
85	209.3	204.3	134.9	10.3	9.6	8.6	7.4	6.4	70.1
86	211.7	206.7	133.3	10.4	9.7	8.7	7.5	6.5	70.9
87	214.2	209.2	131.7	10.6	9.8	8.8	7.6	6.5	71.8
88	216.6	211.6	130.2	10.7	9.9	8.9	7.7	6.6	72.6
89	219.1	214.1	128.7	10.8	10.0	9.0	7.8	6.7	73.4
90	221.6	216.6	127.2	10.9	10.1	9.1	7.9	6.8	74.2
91	224.0	219.0	125.8	11.1	10.3	9.2	7.9	6.8	75.1
92	226.5	221.5	124.4	11.2	10.4	9.4	8.0	6.9	75.9
93	229.0	224.0	123.0	11.3	10.5	9.5	8.1	7.0	76.7
94	231.4	226.4	121.7	11.4	10.6	9.6	8.2	7.1	77.5
95	233.9	228.9	120.4	11.6	10.7	9.7	8.3	7.1	78.4

Material: Oil tempered wire

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