

CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2253 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)						Weight per inch (lbs/in)
			Rate (in*lbs*coil/turn)	MIP (in*lbs)					
				10	15	25	50	100	
				1603	269	249	225	193	
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
9	39.9	36.9	43.4	6.2	5.7		5.2	4.4	3.8
10	44.4	41.4	38.8	6.9	6.4	5.8	5.0	4.3	7.4
11	48.8	45.8	35.0	7.7	7.1	6.4	5.5	4.7	8.2
12	53.3	50.3	31.9	8.4	7.8	7.0	6.0	5.2	8.9
13	57.7	54.7	29.3	9.2	8.5	7.7	6.6	5.7	9.7
14	62.1	59.1	27.1	9.9	9.2	8.3	7.1	6.1	10.4
15	66.6	63.6	25.2	10.6	9.9	8.9	7.6	6.6	11.2
16	71.0	68.0	23.6	11.4	10.6	9.5	8.2	7.0	11.9
17	75.5	72.5	22.1	12.1	11.3	10.1	8.7	7.5	12.6
18	79.9	76.9	20.9	12.9	11.9	10.8	9.2	8.0	13.4
19	84.3	81.3	19.7	13.6	12.6	11.4	9.8	8.4	14.1
20	88.8	85.8	18.7	14.4	13.3	12.0	10.3	8.9	14.9
21	93.2	90.2	17.8	15.1	14.0	12.6	10.9	9.3	15.6
22	97.6	94.6	16.9	15.9	14.7	13.3	11.4	9.8	16.4
23	102.1	99.1	16.2	16.6	15.4	13.9	11.9	10.3	17.1
24	106.5	103.5	15.5	17.3	16.1	14.5	12.5	10.7	17.9
25	111.0	108.0	14.9	18.1	16.8	15.1	13.0	11.2	18.6
26	115.4	112.4	14.3	18.8	17.5	15.7	13.5	11.6	19.3
27	119.8	116.8	13.7	19.6	18.1	16.4	14.1	12.1	20.1
28	124.3	121.3	13.2	20.3	18.8	17.0	14.6	12.6	20.8
29	128.7	125.7	12.8	21.1	19.5	17.6	15.1	13.0	21.6
30	133.2	130.2	12.3	21.8	20.2	18.2	15.7	13.5	22.3
31	137.6	134.6	11.9	22.5	20.9	18.9	16.2	13.9	23.1
32	142.0	139.0	11.5	23.3	21.6	19.5	16.7	14.4	23.8
33	146.5	143.5	11.2	24.0	22.3	20.1	17.3	14.9	24.5
34	150.9	147.9	10.8	24.8	23.0	20.7	17.8	15.3	25.3
35	155.3	152.3	10.5	25.5	23.7	21.3	18.3	15.8	26.0
36	159.8	156.8	10.2	26.3	24.3	22.0	18.9	16.2	26.8
37	164.2	161.2	9.9	27.0	25.0	22.6	19.4	16.7	27.5
38	168.7	165.7	9.7	27.7	25.7	23.2	19.9	17.2	28.3
39	173.1	170.1	9.4	28.5	26.4	23.8	20.5	17.6	29.0
40	177.5	174.5	9.2	29.2	27.1	24.4	21.0	18.1	29.8
41	182.0	179.0	9.0	30.0	27.8	25.1	21.5	18.5	30.5
42	186.4	183.4	8.7	30.7	28.5	25.7	22.1	19.0	31.2
43	190.9	187.9	8.5	31.5	29.2	26.3	22.6	19.5	32.0
44	195.3	192.3	8.3	32.2	29.9	26.9	23.1	19.9	32.7
45	199.7	196.7	8.2	33.0	30.6	27.6	23.7	20.4	33.5
46	204.2	201.2	8.0	33.7	31.2	28.2	24.2	20.8	34.2
47	208.6	205.6	7.8	34.4	31.9	28.8	24.7	21.3	35.0
48	213.0	210.0	7.6	35.2	32.6	29.4	25.3	21.7	35.7
49	217.5	214.5	7.5	35.9	33.3	30.0	25.8	22.2	36.5
50	221.9	218.9	7.3	36.7	34.0	30.7	26.3	22.7	37.2
51	226.4	223.4	7.2	37.4	34.7	31.3	26.9	23.1	37.9
52	230.8	227.8	7.0	38.2	35.4	31.9	27.4	23.6	38.7
53	235.2	232.2	6.9	38.9	36.1	32.5	27.9	24.0	39.4
54	239.7	236.7	6.8	39.6	36.8	33.2	28.5	24.5	40.2
55	244.1	241.1	6.7	40.4	37.4	33.8	29.0	25.0	40.9
56	248.6	245.6	6.5	41.1	38.1	34.4	29.5	25.4	41.7

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2340 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 1862 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.7741
				10	15	25	50	100	
				MIP (in*lbs)					
				299	277	250	214	185	
Length (in.)	Total coils	Active coils	IPPT (in*lbs/turn)	Turns on spring					Weight of spring (lbs)
				299	277	250	214	185	
10	42.7	39.7	46.9	6.4	5.9	5.3	4.6	3.9	7.7
11	47.0	44.0	42.3	7.1	6.5	5.9	5.1	4.4	8.5
12	51.3	48.3	38.6	7.7	7.2	6.5	5.6	4.8	9.3
13	55.6	52.6	35.4	8.4	7.8	7.0	6.0	5.2	10.1
14	59.8	56.8	32.8	9.1	8.4	7.6	6.5	5.6	10.8
15	64.1	61.1	30.5	9.8	9.1	8.2	7.0	6.1	11.6
16	68.4	65.4	28.5	10.5	9.7	8.8	7.5	6.5	12.4
17	72.6	69.6	26.7	11.2	10.4	9.3	8.0	6.9	13.2
18	76.9	73.9	25.2	11.8	11.0	9.9	8.5	7.3	13.9
19	81.2	78.2	23.8	12.5	11.6	10.5	9.0	7.7	14.7
20	85.5	82.5	22.6	13.2	12.3	11.1	9.5	8.2	15.5
21	89.7	86.7	21.5	13.9	12.9	11.6	10.0	8.6	16.3
22	94.0	91.0	20.5	14.6	13.5	12.2	10.5	9.0	17.0
23	98.3	95.3	19.5	15.3	14.2	12.8	11.0	9.4	17.8
24	102.6	99.6	18.7	16.0	14.8	13.3	11.5	9.9	18.6
25	106.8	103.8	17.9	16.6	15.4	13.9	12.0	10.3	19.4
26	111.1	108.1	17.2	17.3	16.1	14.5	12.4	10.7	20.1
27	115.4	112.4	16.6	18.0	16.7	15.1	12.9	11.1	20.9
28	119.7	116.7	16.0	18.7	17.3	15.6	13.4	11.6	21.7
29	123.9	120.9	15.4	19.4	18.0	16.2	13.9	12.0	22.4
30	128.2	125.2	14.9	20.1	18.6	16.8	14.4	12.4	23.2
31	132.5	129.5	14.4	20.8	19.2	17.4	14.9	12.8	24.0
32	136.8	133.8	13.9	21.4	19.9	17.9	15.4	13.3	24.8
33	141.0	138.0	13.5	22.1	20.5	18.5	15.9	13.7	25.5
34	145.3	142.3	13.1	22.8	21.1	19.1	16.4	14.1	26.3
35	149.6	146.6	12.7	23.5	21.8	19.6	16.9	14.5	27.1
36	153.8	150.8	12.3	24.2	22.4	20.2	17.4	14.9	27.9
37	158.1	155.1	12.0	24.9	23.1	20.8	17.9	15.4	28.6
38	162.4	159.4	11.7	25.5	23.7	21.4	18.3	15.8	29.4
39	166.7	163.7	11.4	26.2	24.3	21.9	18.8	16.2	30.2
40	170.9	167.9	11.1	26.9	25.0	22.5	19.3	16.6	31.0
41	175.2	172.2	10.8	27.6	25.6	23.1	19.8	17.1	31.7
42	179.5	176.5	10.6	28.3	26.2	23.7	20.3	17.5	32.5
43	183.8	180.8	10.3	29.0	26.9	24.2	20.8	17.9	33.3
44	188.0	185.0	10.1	29.7	27.5	24.8	21.3	18.3	34.1
45	192.3	189.3	9.8	30.3	28.1	25.4	21.8	18.8	34.8
46	196.6	193.6	9.6	31.0	28.8	25.9	22.3	19.2	35.6
47	200.9	197.9	9.4	31.7	29.4	26.5	22.8	19.6	36.4
48	205.1	202.1	9.2	32.4	30.0	27.1	23.3	20.0	37.2
49	209.4	206.4	9.0	33.1	30.7	27.7	23.8	20.5	37.9
50	213.7	210.7	8.8	33.8	31.3	28.2	24.3	20.9	38.7
51	217.9	214.9	8.7	34.5	31.9	28.8	24.7	21.3	39.5
52	222.2	219.2	8.5	35.1	32.6	29.4	25.2	21.7	40.3
53	226.5	223.5	8.3	35.8	33.2	30.0	25.7	22.1	41.0
54	230.8	227.8	8.2	36.5	33.9	30.5	26.2	22.6	41.8
55	235.0	232.0	8.0	37.2	34.5	31.1	26.7	23.0	42.6
56	239.3	236.3	7.9	37.9	35.1	31.7	27.2	23.4	43.3
57	243.6	240.6	7.7	38.6	35.8	32.3	27.7	23.8	44.1

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2375 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 1975	Life (Thousand cycles)					Weight per inch (lbs/in) 0.7862
				MIP (in*lbs)					
				10	15	25	50	100	
IPPT (in*lbs/turn)	Turns on spring					Weight of spring (lbs)			
	311	289	260	223	192				
10	42.1	39.1	50.5	6.2	5.7	5.2	4.4	3.8	7.9
11	46.3	43.3	45.6	6.8	6.3	5.7	4.9	4.2	8.6
12	50.5	47.5	41.6	7.5	6.9	6.3	5.4	4.6	9.4
13	54.7	51.7	38.2	8.2	7.6	6.8	5.9	5.0	10.2
14	58.9	55.9	35.3	8.8	8.2	7.4	6.3	5.4	11.0
15	63.2	60.2	32.8	9.5	8.8	7.9	6.8	5.9	11.8
16	67.4	64.4	30.7	10.1	9.4	8.5	7.3	6.3	12.6
17	71.6	68.6	28.8	10.8	10.0	9.0	7.8	6.7	13.4
18	75.8	72.8	27.1	11.5	10.6	9.6	8.2	7.1	14.2
19	80.0	77.0	25.7	12.1	11.2	10.1	8.7	7.5	14.9
20	84.2	81.2	24.3	12.8	11.9	10.7	9.2	7.9	15.7
21	88.4	85.4	23.1	13.5	12.5	11.3	9.7	8.3	16.5
22	92.6	89.6	22.0	14.1	13.1	11.8	10.1	8.7	17.3
23	96.8	93.8	21.0	14.8	13.7	12.4	10.6	9.1	18.1
24	101.1	98.1	20.1	15.4	14.3	12.9	11.1	9.5	18.9
25	105.3	102.3	19.3	16.1	14.9	13.5	11.6	10.0	19.7
26	109.5	106.5	18.6	16.8	15.6	14.0	12.0	10.4	20.4
27	113.7	110.7	17.8	17.4	16.2	14.6	12.5	10.8	21.2
28	117.9	114.9	17.2	18.1	16.8	15.1	13.0	11.2	22.0
29	122.1	119.1	16.6	18.8	17.4	15.7	13.5	11.6	22.8
30	126.3	123.3	16.0	19.4	18.0	16.2	14.0	12.0	23.6
31	130.5	127.5	15.5	20.1	18.6	16.8	14.4	12.4	24.4
32	134.7	131.7	15.0	20.8	19.2	17.4	14.9	12.8	25.2
33	138.9	135.9	14.5	21.4	19.9	17.9	15.4	13.2	25.9
34	143.2	140.2	14.1	22.1	20.5	18.5	15.9	13.6	26.7
35	147.4	144.4	13.7	22.7	21.1	19.0	16.3	14.1	27.5
36	151.6	148.6	13.3	23.4	21.7	19.6	16.8	14.5	28.3
37	155.8	152.8	12.9	24.1	22.3	20.1	17.3	14.9	29.1
38	160.0	157.0	12.6	24.7	22.9	20.7	17.8	15.3	29.9
39	164.2	161.2	12.3	25.4	23.6	21.2	18.2	15.7	30.7
40	168.4	165.4	11.9	26.1	24.2	21.8	18.7	16.1	31.4
41	172.6	169.6	11.6	26.7	24.8	22.4	19.2	16.5	32.2
42	176.8	173.8	11.4	27.4	25.4	22.9	19.7	16.9	33.0
43	181.1	178.1	11.1	28.1	26.0	23.5	20.1	17.3	33.8
44	185.3	182.3	10.8	28.7	26.6	24.0	20.6	17.8	34.6
45	189.5	186.5	10.6	29.4	27.2	24.6	21.1	18.2	35.4
46	193.7	190.7	10.4	30.0	27.9	25.1	21.6	18.6	36.2
47	197.9	194.9	10.1	30.7	28.5	25.7	22.1	19.0	37.0
48	202.1	199.1	9.9	31.4	29.1	26.2	22.5	19.4	37.7
49	206.3	203.3	9.7	32.0	29.7	26.8	23.0	19.8	38.5
50	210.5	207.5	9.5	32.7	30.3	27.3	23.5	20.2	39.3
51	214.7	211.7	9.3	33.4	30.9	27.9	24.0	20.6	40.1
52	218.9	215.9	9.1	34.0	31.5	28.5	24.4	21.0	40.9
53	223.2	220.2	9.0	34.7	32.2	29.0	24.9	21.4	41.7
54	227.4	224.4	8.8	35.3	32.8	29.6	25.4	21.9	42.5
55	231.6	228.6	8.6	36.0	33.4	30.1	25.9	22.3	43.2
56	235.8	232.8	8.5	36.7	34.0	30.7	26.3	22.7	44.0
57	240.0	237.0	8.3	37.3	34.6	31.2	26.8	23.1	44.8

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2437 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 2186 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.8078
				10	15	25	50	100	
				MIP (in*lbs)					
				334	310	280	240	207	
			Turns on spring					Weight of spring (lbs)	
			(Turns)						
11	45.1	42.1	51.9	6.4	6.0	5.4	4.6	4.0	8.9
12	49.2	46.2	47.3	7.1	6.6	5.9	5.1	4.4	9.7
13	53.3	50.3	43.4	7.7	7.1	6.4	5.5	4.8	10.5
14	57.4	54.4	40.2	8.3	7.7	7.0	6.0	5.1	11.3
15	61.6	58.6	37.4	9.0	8.3	7.5	6.4	5.5	12.1
16	65.7	62.7	34.9	9.6	8.9	8.0	6.9	5.9	12.9
17	69.8	66.8	32.8	10.2	9.5	8.5	7.3	6.3	13.7
18	73.9	70.9	30.9	10.8	10.0	9.1	7.8	6.7	14.5
19	78.0	75.0	29.2	11.5	10.6	9.6	8.2	7.1	15.3
20	82.1	79.1	27.7	12.1	11.2	10.1	8.7	7.5	16.2
21	86.2	83.2	26.3	12.7	11.8	10.6	9.1	7.9	17.0
22	90.3	87.3	25.1	13.3	12.4	11.2	9.6	8.2	17.8
23	94.4	91.4	23.9	14.0	13.0	11.7	10.0	8.6	18.6
24	98.5	95.5	22.9	14.6	13.5	12.2	10.5	9.0	19.4
25	102.6	99.6	22.0	15.2	14.1	12.7	10.9	9.4	20.2
26	106.7	103.7	21.1	15.9	14.7	13.3	11.4	9.8	21.0
27	110.8	107.8	20.3	16.5	15.3	13.8	11.8	10.2	21.8
28	114.9	111.9	19.5	17.1	15.9	14.3	12.3	10.6	22.6
29	119.0	116.0	18.9	17.7	16.4	14.8	12.7	11.0	23.4
30	123.1	120.1	18.2	18.4	17.0	15.4	13.2	11.4	24.2
31	127.2	124.2	17.6	19.0	17.6	15.9	13.6	11.7	25.0
32	131.3	128.3	17.0	19.6	18.2	16.4	14.1	12.1	25.8
33	135.4	132.4	16.5	20.2	18.8	16.9	14.5	12.5	26.7
34	139.5	136.5	16.0	20.9	19.4	17.5	15.0	12.9	27.5
35	143.6	140.6	15.6	21.5	19.9	18.0	15.4	13.3	28.3
36	147.7	144.7	15.1	22.1	20.5	18.5	15.9	13.7	29.1
37	151.8	148.8	14.7	22.8	21.1	19.0	16.3	14.1	29.9
38	155.9	152.9	14.3	23.4	21.7	19.6	16.8	14.5	30.7
39	160.0	157.0	13.9	24.0	22.3	20.1	17.2	14.8	31.5
40	164.1	161.1	13.6	24.6	22.8	20.6	17.7	15.2	32.3
41	168.2	165.2	13.2	25.3	23.4	21.1	18.1	15.6	33.1
42	172.3	169.3	12.9	25.9	24.0	21.7	18.6	16.0	33.9
43	176.4	173.4	12.6	26.5	24.6	22.2	19.0	16.4	34.7
44	180.5	177.5	12.3	27.1	25.2	22.7	19.5	16.8	35.5
45	184.7	181.7	12.0	27.8	25.8	23.2	19.9	17.2	36.4
46	188.8	185.8	11.8	28.4	26.3	23.8	20.4	17.6	37.2
47	192.9	189.9	11.5	29.0	26.9	24.3	20.8	17.9	38.0
48	197.0	194.0	11.3	29.7	27.5	24.8	21.3	18.3	38.8
49	201.1	198.1	11.0	30.3	28.1	25.3	21.8	18.7	39.6
50	205.2	202.2	10.8	30.9	28.7	25.9	22.2	19.1	40.4
51	209.3	206.3	10.6	31.5	29.2	26.4	22.7	19.5	41.2
52	213.4	210.4	10.4	32.2	29.8	26.9	23.1	19.9	42.0
53	217.5	214.5	10.2	32.8	30.4	27.4	23.6	20.3	42.8
54	221.6	218.6	10.0	33.4	31.0	28.0	24.0	20.7	43.6
55	225.7	222.7	9.8	34.0	31.6	28.5	24.5	21.0	44.4
56	229.8	226.8	9.6	34.7	32.2	29.0	24.9	21.4	45.2
57	233.9	230.9	9.5	35.3	32.7	29.5	25.4	21.8	46.0
58	238.0	235.0	9.3	35.9	33.3	30.1	25.8	22.2	46.9

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2500 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 2418 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.8298	
				10	15	25	50	100		
				MIP (in*lbs)						Weight of spring (lbs)
				359	333	300	258	222		
			Turns on spring (Turns)							
12	48.0	45.0	53.7	6.7	6.2	5.6	4.8	4.1	10.0	
13	52.0	49.0	49.4	7.3	6.7	6.1	5.2	4.5	10.8	
14	56.0	53.0	45.6	7.9	7.3	6.6	5.7	4.9	11.6	
15	60.0	57.0	42.4	8.5	7.8	7.1	6.1	5.2	12.4	
16	64.0	61.0	39.7	9.1	8.4	7.6	6.5	5.6	13.3	
17	68.0	65.0	37.2	9.6	8.9	8.1	6.9	6.0	14.1	
18	72.0	69.0	35.1	10.2	9.5	8.6	7.4	6.3	14.9	
19	76.0	73.0	33.1	10.8	10.0	9.1	7.8	6.7	15.8	
20	80.0	77.0	31.4	11.4	10.6	9.6	8.2	7.1	16.6	
21	84.0	81.0	29.9	12.0	11.2	10.1	8.6	7.4	17.4	
22	88.0	85.0	28.5	12.6	11.7	10.6	9.1	7.8	18.3	
23	92.0	89.0	27.2	13.2	12.3	11.1	9.5	8.2	19.1	
24	96.0	93.0	26.0	13.8	12.8	11.5	9.9	8.5	19.9	
25	100.0	97.0	24.9	14.4	13.4	12.0	10.3	8.9	20.7	
26	104.0	101.0	23.9	15.0	13.9	12.5	10.8	9.3	21.6	
27	108.0	105.0	23.0	15.6	14.5	13.0	11.2	9.6	22.4	
28	112.0	109.0	22.2	16.2	15.0	13.5	11.6	10.0	23.2	
29	116.0	113.0	21.4	16.8	15.6	14.0	12.0	10.4	24.1	
30	120.0	117.0	20.7	17.4	16.1	14.5	12.5	10.7	24.9	
31	124.0	121.0	20.0	18.0	16.7	15.0	12.9	11.1	25.7	
32	128.0	125.0	19.3	18.6	17.2	15.5	13.3	11.5	26.6	
33	132.0	129.0	18.7	19.2	17.8	16.0	13.8	11.8	27.4	
34	136.0	133.0	18.2	19.7	18.3	16.5	14.2	12.2	28.2	
35	140.0	137.0	17.7	20.3	18.9	17.0	14.6	12.6	29.0	
36	144.0	141.0	17.2	20.9	19.4	17.5	15.0	12.9	29.9	
37	148.0	145.0	16.7	21.5	20.0	18.0	15.5	13.3	30.7	
38	152.0	149.0	16.2	22.1	20.5	18.5	15.9	13.7	31.5	
39	156.0	153.0	15.8	22.7	21.1	19.0	16.3	14.0	32.4	
40	160.0	157.0	15.4	23.3	21.6	19.5	16.7	14.4	33.2	
41	164.0	161.0	15.0	23.9	22.2	20.0	17.2	14.8	34.0	
42	168.0	165.0	14.7	24.5	22.7	20.5	17.6	15.1	34.9	
43	172.0	169.0	14.3	25.1	23.3	21.0	18.0	15.5	35.7	
44	176.0	173.0	14.0	25.7	23.8	21.5	18.4	15.9	36.5	
45	180.0	177.0	13.7	26.3	24.4	22.0	18.9	16.2	37.3	
46	184.0	181.0	13.4	26.9	24.9	22.5	19.3	16.6	38.2	
47	188.0	185.0	13.1	27.5	25.5	23.0	19.7	17.0	39.0	
48	192.0	189.0	12.8	28.1	26.0	23.5	20.2	17.3	39.8	
49	196.0	193.0	12.5	28.7	26.6	24.0	20.6	17.7	40.7	
50	200.0	197.0	12.3	29.2	27.1	24.5	21.0	18.1	41.5	
51	204.0	201.0	12.0	29.8	27.7	25.0	21.4	18.4	42.3	
52	208.0	205.0	11.8	30.4	28.2	25.5	21.9	18.8	43.1	
53	212.0	209.0	11.6	31.0	28.8	25.9	22.3	19.2	44.0	
54	216.0	213.0	11.4	31.6	29.3	26.4	22.7	19.5	44.8	
55	220.0	217.0	11.1	32.2	29.9	26.9	23.1	19.9	45.6	
56	224.0	221.0	10.9	32.8	30.4	27.4	23.6	20.3	46.5	
57	228.0	225.0	10.7	33.4	31.0	27.9	24.0	20.6	47.3	
58	232.0	229.0	10.6	34.0	31.5	28.4	24.4	21.0	48.1	
59	236.0	233.0	10.4	34.6	32.1	28.9	24.8	21.4	49.0	

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2625 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 2932 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.8736
				10	15	25	50	100	
				MIP (in*lbs)					
				411	382	344	295	254	
			Turns on spring					Weight of spring (lbs)	
			(Turns)						
13	49.5	46.5	63.0	6.5	6.1	5.5	4.7	4.0	11.4
14	53.3	50.3	58.3	7.1	6.5	5.9	5.1	4.4	12.2
15	57.1	54.1	54.2	7.6	7.0	6.4	5.5	4.7	13.1
16	61.0	58.0	50.6	8.1	7.5	6.8	5.8	5.0	14.0
17	64.8	61.8	47.5	8.7	8.0	7.2	6.2	5.4	14.9
18	68.6	65.6	44.7	9.2	8.5	7.7	6.6	5.7	15.7
19	72.4	69.4	42.3	9.7	9.0	8.1	7.0	6.0	16.6
20	76.2	73.2	40.1	10.3	9.5	8.6	7.4	6.3	17.5
21	80.0	77.0	38.1	10.8	10.0	9.0	7.8	6.7	18.3
22	83.8	80.8	36.3	11.3	10.5	9.5	8.1	7.0	19.2
23	87.6	84.6	34.7	11.9	11.0	9.9	8.5	7.3	20.1
24	91.4	88.4	33.2	12.4	11.5	10.4	8.9	7.7	21.0
25	95.2	92.2	31.8	12.9	12.0	10.8	9.3	8.0	21.8
26	99.0	96.0	30.5	13.5	12.5	11.3	9.7	8.3	22.7
27	102.9	99.9	29.4	14.0	13.0	11.7	10.1	8.7	23.6
28	106.7	103.7	28.3	14.5	13.5	12.2	10.4	9.0	24.5
29	110.5	107.5	27.3	15.1	14.0	12.6	10.8	9.3	25.3
30	114.3	111.3	26.3	15.6	14.5	13.1	11.2	9.7	26.2
31	118.1	115.1	25.5	16.1	15.0	13.5	11.6	10.0	27.1
32	121.9	118.9	24.7	16.7	15.5	14.0	12.0	10.3	28.0
33	125.7	122.7	23.9	17.2	16.0	14.4	12.4	10.6	28.8
34	129.5	126.5	23.2	17.8	16.5	14.8	12.7	11.0	29.7
35	133.3	130.3	22.5	18.3	17.0	15.3	13.1	11.3	30.6
36	137.1	134.1	21.9	18.8	17.5	15.7	13.5	11.6	31.4
37	141.0	138.0	21.3	19.4	17.9	16.2	13.9	12.0	32.3
38	144.8	141.8	20.7	19.9	18.4	16.6	14.3	12.3	33.2
39	148.6	145.6	20.1	20.4	18.9	17.1	14.7	12.6	34.1
40	152.4	149.4	19.6	21.0	19.4	17.5	15.1	13.0	34.9
41	156.2	153.2	19.1	21.5	19.9	18.0	15.4	13.3	35.8
42	160.0	157.0	18.7	22.0	20.4	18.4	15.8	13.6	36.7
43	163.8	160.8	18.2	22.6	20.9	18.9	16.2	13.9	37.6
44	167.6	164.6	17.8	23.1	21.4	19.3	16.6	14.3	38.4
45	171.4	168.4	17.4	23.6	21.9	19.8	17.0	14.6	39.3
46	175.2	172.2	17.0	24.2	22.4	20.2	17.4	14.9	40.2
47	179.0	176.0	16.7	24.7	22.9	20.7	17.7	15.3	41.1
48	182.9	179.9	16.3	25.2	23.4	21.1	18.1	15.6	41.9
49	186.7	183.7	16.0	25.8	23.9	21.6	18.5	15.9	42.8
50	190.5	187.5	15.6	26.3	24.4	22.0	18.9	16.3	43.7
51	194.3	191.3	15.3	26.8	24.9	22.4	19.3	16.6	44.6
52	198.1	195.1	15.0	27.4	25.4	22.9	19.7	16.9	45.4
53	201.9	198.9	14.7	27.9	25.9	23.3	20.0	17.3	46.3
54	205.7	202.7	14.5	28.4	26.4	23.8	20.4	17.6	47.2
55	209.5	206.5	14.2	29.0	26.9	24.2	20.8	17.9	48.0
56	213.3	210.3	13.9	29.5	27.4	24.7	21.2	18.2	48.9
57	217.1	214.1	13.7	30.0	27.9	25.1	21.6	18.6	49.8
58	221.0	218.0	13.5	30.6	28.4	25.6	22.0	18.9	50.7
59	224.8	221.8	13.2	31.1	28.9	26.0	22.3	19.2	51.5
60	228.6	225.6	13.0	31.7	29.3	26.5	22.7	19.6	52.4

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2730 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)							Weight per inch (lbs/in)
			Rate (in*lbs*coil/turn) 3422	MIP (in*lbs)					284	
				10	15	25	50	100		
				459	426	384	330	284		
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)				
14	51.3	48.3	70.9	6.5	6.0		5.4	4.7	4.0	12.7
15	54.9	51.9	65.9	7.0	6.5		5.8	5.0	4.3	13.7
16	58.6	55.6	61.6	7.5	6.9	6.2	5.4	4.6	14.6	
17	62.3	59.3	57.7	7.9	7.4	6.6	5.7	4.9	15.5	
18	65.9	62.9	54.4	8.4	7.8	7.1	6.1	5.2	16.4	
19	69.6	66.6	51.4	8.9	8.3	7.5	6.4	5.5	17.3	
20	73.3	70.3	48.7	9.4	8.7	7.9	6.8	5.8	18.2	
21	76.9	73.9	46.3	9.9	9.2	8.3	7.1	6.1	19.1	
22	80.6	77.6	44.1	10.4	9.6	8.7	7.5	6.4	20.0	
23	84.2	81.2	42.1	10.9	10.1	9.1	7.8	6.7	20.9	
24	87.9	84.9	40.3	11.4	10.6	9.5	8.2	7.0	21.9	
25	91.6	88.6	38.6	11.9	11.0	9.9	8.5	7.3	22.8	
26	95.2	92.2	37.1	12.4	11.5	10.3	8.9	7.6	23.7	
27	98.9	95.9	35.7	12.9	11.9	10.8	9.2	8.0	24.6	
28	102.6	99.6	34.4	13.4	12.4	11.2	9.6	8.3	25.5	
29	106.2	103.2	33.2	13.8	12.8	11.6	9.9	8.6	26.4	
30	109.9	106.9	32.0	14.3	13.3	12.0	10.3	8.9	27.3	
31	113.6	110.6	31.0	14.8	13.7	12.4	10.6	9.2	28.2	
32	117.2	114.2	30.0	15.3	14.2	12.8	11.0	9.5	29.1	
33	120.9	117.9	29.0	15.8	14.7	13.2	11.4	9.8	30.0	
34	124.5	121.5	28.2	16.3	15.1	13.6	11.7	10.1	31.0	
35	128.2	125.2	27.3	16.8	15.6	14.0	12.1	10.4	31.9	
36	131.9	128.9	26.6	17.3	16.0	14.5	12.4	10.7	32.8	
37	135.5	132.5	25.8	17.8	16.5	14.9	12.8	11.0	33.7	
38	139.2	136.2	25.1	18.3	16.9	15.3	13.1	11.3	34.6	
39	142.9	139.9	24.5	18.8	17.4	15.7	13.5	11.6	35.5	
40	146.5	143.5	23.8	19.2	17.8	16.1	13.8	11.9	36.4	
41	150.2	147.2	23.3	19.7	18.3	16.5	14.2	12.2	37.3	
42	153.8	150.8	22.7	20.2	18.8	16.9	14.5	12.5	38.2	
43	157.5	154.5	22.2	20.7	19.2	17.3	14.9	12.8	39.2	
44	161.2	158.2	21.6	21.2	19.7	17.7	15.2	13.1	40.1	
45	164.8	161.8	21.1	21.7	20.1	18.2	15.6	13.4	41.0	
46	168.5	165.5	20.7	22.2	20.6	18.6	15.9	13.7	41.9	
47	172.2	169.2	20.2	22.7	21.0	19.0	16.3	14.0	42.8	
48	175.8	172.8	19.8	23.2	21.5	19.4	16.6	14.3	43.7	
49	179.5	176.5	19.4	23.7	21.9	19.8	17.0	14.6	44.6	
50	183.2	180.2	19.0	24.2	22.4	20.2	17.4	14.9	45.5	
51	186.8	183.8	18.6	24.7	22.9	20.6	17.7	15.2	46.4	
52	190.5	187.5	18.3	25.1	23.3	21.0	18.1	15.5	47.3	
53	194.1	191.1	17.9	25.6	23.8	21.4	18.4	15.8	48.3	
54	197.8	194.8	17.6	26.1	24.2	21.8	18.8	16.1	49.2	
55	201.5	198.5	17.2	26.6	24.7	22.3	19.1	16.5	50.1	
56	205.1	202.1	16.9	27.1	25.1	22.7	19.5	16.8	51.0	
57	208.8	205.8	16.6	27.6	25.6	23.1	19.8	17.1	51.9	
58	212.5	209.5	16.3	28.1	26.0	23.5	20.2	17.4	52.8	
59	216.1	213.1	16.1	28.6	26.5	23.9	20.5	17.7	53.7	
60	219.8	216.8	15.8	29.1	27.0	24.3	20.9	18.0	54.6	
61	223.4	220.4	15.5	29.6	27.4	24.7	21.2	18.3	55.5	

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2830 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 3944	Life (Thousand cycles)					Weight per inch (lbs/in) 0.9458
				MIP (in*lbs)					
				10	15	25	50	100	
				507	471	424	364	314	
IPPT (in*lbs/turn)	Turns on spring					Weight of spring (lbs)			
	(Turns)								
15	53.0	50.0	78.9	6.4	6.0	5.4	4.6	4.0	14.2
16	56.5	53.5	73.7	6.9	6.4	5.8	4.9	4.3	15.1
17	60.1	57.1	69.1	7.3	6.8	6.1	5.3	4.5	16.1
18	63.6	60.6	65.1	7.8	7.2	6.5	5.6	4.8	17.0
19	67.1	64.1	61.5	8.3	7.7	6.9	5.9	5.1	18.0
20	70.7	67.7	58.3	8.7	8.1	7.3	6.3	5.4	18.9
21	74.2	71.2	55.4	9.2	8.5	7.7	6.6	5.7	19.9
22	77.7	74.7	52.8	9.6	8.9	8.0	6.9	5.9	20.8
23	81.3	78.3	50.4	10.1	9.3	8.4	7.2	6.2	21.8
24	84.8	81.8	48.2	10.5	9.8	8.8	7.6	6.5	22.7
25	88.3	85.3	46.2	11.0	10.2	9.2	7.9	6.8	23.6
26	91.9	88.9	44.4	11.4	10.6	9.6	8.2	7.1	24.6
27	95.4	92.4	42.7	11.9	11.0	9.9	8.5	7.3	25.5
28	98.9	95.9	41.1	12.3	11.4	10.3	8.9	7.6	26.5
29	102.5	99.5	39.7	12.8	11.9	10.7	9.2	7.9	27.4
30	106.0	103.0	38.3	13.3	12.3	11.1	9.5	8.2	28.4
31	109.5	106.5	37.0	13.7	12.7	11.5	9.8	8.5	29.3
32	113.1	110.1	35.8	14.2	13.1	11.8	10.2	8.8	30.3
33	116.6	113.6	34.7	14.6	13.6	12.2	10.5	9.0	31.2
34	120.1	117.1	33.7	15.1	14.0	12.6	10.8	9.3	32.2
35	123.7	120.7	32.7	15.5	14.4	13.0	11.2	9.6	33.1
36	127.2	124.2	31.8	16.0	14.8	13.4	11.5	9.9	34.1
37	130.7	127.7	30.9	16.4	15.2	13.7	11.8	10.2	35.0
38	134.3	131.3	30.0	16.9	15.7	14.1	12.1	10.4	35.9
39	137.8	134.8	29.3	17.3	16.1	14.5	12.5	10.7	36.9
40	141.3	138.3	28.5	17.8	16.5	14.9	12.8	11.0	37.8
41	144.9	141.9	27.8	18.3	16.9	15.3	13.1	11.3	38.8
42	148.4	145.4	27.1	18.7	17.3	15.6	13.4	11.6	39.7
43	151.9	148.9	26.5	19.2	17.8	16.0	13.8	11.8	40.7
44	155.5	152.5	25.9	19.6	18.2	16.4	14.1	12.1	41.6
45	159.0	156.0	25.3	20.1	18.6	16.8	14.4	12.4	42.6
46	162.5	159.5	24.7	20.5	19.0	17.2	14.7	12.7	43.5
47	166.1	163.1	24.2	21.0	19.5	17.5	15.1	13.0	44.5
48	169.6	166.6	23.7	21.4	19.9	17.9	15.4	13.3	45.4
49	173.1	170.1	23.2	21.9	20.3	18.3	15.7	13.5	46.3
50	176.7	173.7	22.7	22.3	20.7	18.7	16.0	13.8	47.3
51	180.2	177.2	22.3	22.8	21.1	19.1	16.4	14.1	48.2
52	183.7	180.7	21.8	23.3	21.6	19.4	16.7	14.4	49.2
53	187.3	184.3	21.4	23.7	22.0	19.8	17.0	14.7	50.1
54	190.8	187.8	21.0	24.2	22.4	20.2	17.4	14.9	51.1
55	194.3	191.3	20.6	24.6	22.8	20.6	17.7	15.2	52.0
56	197.9	194.9	20.2	25.1	23.2	21.0	18.0	15.5	53.0
57	201.4	198.4	19.9	25.5	23.7	21.4	18.3	15.8	53.9
58	204.9	201.9	19.5	26.0	24.1	21.7	18.7	16.1	54.9
59	208.5	205.5	19.2	26.4	24.5	22.1	19.0	16.3	55.8
60	212.0	209.0	18.9	26.9	24.9	22.5	19.3	16.6	56.8
61	215.5	212.5	18.6	27.3	25.4	22.9	19.6	16.9	57.7
62	219.1	216.1	18.3	27.8	25.8	23.3	20.0	17.2	58.6

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2890 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 4284 IPPT	Life (Thousand cycles)					Weight per inch (lbs/in) 0.9671
				10	15	25	50	100	
				MIP (in*lbs)					
				538	499	450	386	333	
			Turns on spring (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)
				538	499	450	386	333	
16	55.4	52.4	81.8	6.6	6.1	5.5	4.7	4.1	15.5
17	58.8	55.8	76.7	7.0	6.5	5.9	5.0	4.3	16.4
18	62.3	59.3	72.3	7.4	6.9	6.2	5.3	4.6	17.4
19	65.7	62.7	68.3	7.9	7.3	6.6	5.7	4.9	18.4
20	69.2	66.2	64.7	8.3	7.7	7.0	6.0	5.1	19.3
21	72.7	69.7	61.5	8.7	8.1	7.3	6.3	5.4	20.3
22	76.1	73.1	58.6	9.2	8.5	7.7	6.6	5.7	21.3
23	79.6	76.6	55.9	9.6	8.9	8.0	6.9	5.9	22.2
24	83.0	80.0	53.5	10.1	9.3	8.4	7.2	6.2	23.2
25	86.5	83.5	51.3	10.5	9.7	8.8	7.5	6.5	24.2
26	90.0	87.0	49.3	10.9	10.1	9.1	7.8	6.8	25.1
27	93.4	90.4	47.4	11.4	10.5	9.5	8.2	7.0	26.1
28	96.9	93.9	45.6	11.8	10.9	9.9	8.5	7.3	27.1
29	100.3	97.3	44.0	12.2	11.3	10.2	8.8	7.6	28.0
30	103.8	100.8	42.5	12.7	11.7	10.6	9.1	7.8	29.0
31	107.3	104.3	41.1	13.1	12.1	11.0	9.4	8.1	30.0
32	110.7	107.7	39.8	13.5	12.5	11.3	9.7	8.4	30.9
33	114.2	111.2	38.5	14.0	12.9	11.7	10.0	8.6	31.9
34	117.6	114.6	37.4	14.4	13.4	12.0	10.3	8.9	32.9
35	121.1	118.1	36.3	14.8	13.8	12.4	10.7	9.2	33.8
36	124.6	121.6	35.2	15.3	14.2	12.8	11.0	9.4	34.8
37	128.0	125.0	34.3	15.7	14.6	13.1	11.3	9.7	35.8
38	131.5	128.5	33.3	16.1	15.0	13.5	11.6	10.0	36.8
39	134.9	131.9	32.5	16.6	15.4	13.9	11.9	10.2	37.7
40	138.4	135.4	31.6	17.0	15.8	14.2	12.2	10.5	38.7
41	141.9	138.9	30.9	17.4	16.2	14.6	12.5	10.8	39.7
42	145.3	142.3	30.1	17.9	16.6	15.0	12.8	11.1	40.6
43	148.8	145.8	29.4	18.3	17.0	15.3	13.2	11.3	41.6
44	152.2	149.2	28.7	18.7	17.4	15.7	13.5	11.6	42.6
45	155.7	152.7	28.1	19.2	17.8	16.0	13.8	11.9	43.5
46	159.2	156.2	27.4	19.6	18.2	16.4	14.1	12.1	44.5
47	162.6	159.6	26.8	20.0	18.6	16.8	14.4	12.4	45.5
48	166.1	163.1	26.3	20.5	19.0	17.1	14.7	12.7	46.4
49	169.6	166.6	25.7	20.9	19.4	17.5	15.0	12.9	47.4
50	173.0	170.0	25.2	21.4	19.8	17.9	15.3	13.2	48.4
51	176.5	173.5	24.7	21.8	20.2	18.2	15.6	13.5	49.3
52	179.9	176.9	24.2	22.2	20.6	18.6	16.0	13.7	50.3
53	183.4	180.4	23.7	22.7	21.0	18.9	16.3	14.0	51.3
54	186.9	183.9	23.3	23.1	21.4	19.3	16.6	14.3	52.2
55	190.3	187.3	22.9	23.5	21.8	19.7	16.9	14.5	53.2
56	193.8	190.8	22.5	24.0	22.2	20.0	17.2	14.8	54.2
57	197.2	194.2	22.1	24.4	22.6	20.4	17.5	15.1	55.1
58	200.7	197.7	21.7	24.8	23.0	20.8	17.8	15.3	56.1
59	204.2	201.2	21.3	25.3	23.4	21.1	18.1	15.6	57.1
60	207.6	204.6	20.9	25.7	23.8	21.5	18.5	15.9	58.0
61	211.1	208.1	20.6	26.1	24.2	21.9	18.8	16.2	59.0
62	214.5	211.5	20.3	26.6	24.6	22.2	19.1	16.4	60.0
63	218.0	215.0	19.9	27.0	25.0	22.6	19.4	16.7	60.9

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2950 Wire diameter (in)
 3 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)						352
				4645	570	528	477	409		
IPPT (in*lbs/turn)	Turns on spring (Turns)					352	Weight of spring (lbs)			
	4645	570	528	477	409					
16	54.2	51.2	90.7	6.3	5.8	5.3	4.5	3.9	15.8	
17	57.6	54.6	85.0	6.7	6.2	5.6	4.8	4.1	16.8	
18	61.0	58.0	80.1	7.1	6.6	6.0	5.1	4.4	17.8	
19	64.4	61.4	75.6	7.5	7.0	6.3	5.4	4.7	18.8	
20	67.8	64.8	71.7	7.9	7.4	6.6	5.7	4.9	19.8	
21	71.2	68.2	68.1	8.4	7.8	7.0	6.0	5.2	20.8	
22	74.6	71.6	64.9	8.8	8.1	7.3	6.3	5.4	21.7	
23	78.0	75.0	62.0	9.2	8.5	7.7	6.6	5.7	22.7	
24	81.4	78.4	59.3	9.6	8.9	8.0	6.9	5.9	23.7	
25	84.7	81.7	56.8	10.0	9.3	8.4	7.2	6.2	24.7	
26	88.1	85.1	54.6	10.4	9.7	8.7	7.5	6.5	25.7	
27	91.5	88.5	52.5	10.9	10.1	9.1	7.8	6.7	26.7	
28	94.9	91.9	50.5	11.3	10.5	9.4	8.1	7.0	27.7	
29	98.3	95.3	48.7	11.7	10.8	9.8	8.4	7.2	28.7	
30	101.7	98.7	47.1	12.1	11.2	10.1	8.7	7.5	29.7	
31	105.1	102.1	45.5	12.5	11.6	10.5	9.0	7.7	30.6	
32	108.5	105.5	44.0	12.9	12.0	10.8	9.3	8.0	31.6	
33	111.9	108.9	42.7	13.4	12.4	11.2	9.6	8.3	32.6	
34	115.3	112.3	41.4	13.8	12.8	11.5	9.9	8.5	33.6	
35	118.6	115.6	40.2	14.2	13.2	11.9	10.2	8.8	34.6	
36	122.0	119.0	39.0	14.6	13.5	12.2	10.5	9.0	35.6	
37	125.4	122.4	37.9	15.0	13.9	12.6	10.8	9.3	36.6	
38	128.8	125.8	36.9	15.4	14.3	12.9	11.1	9.5	37.6	
39	132.2	129.2	36.0	15.8	14.7	13.3	11.4	9.8	38.5	
40	135.6	132.6	35.0	16.3	15.1	13.6	11.7	10.1	39.5	
41	139.0	136.0	34.2	16.7	15.5	14.0	12.0	10.3	40.5	
42	142.4	139.4	33.3	17.1	15.9	14.3	12.3	10.6	41.5	
43	145.8	142.8	32.5	17.5	16.2	14.6	12.6	10.8	42.5	
44	149.2	146.2	31.8	17.9	16.6	15.0	12.9	11.1	43.5	
45	152.5	149.5	31.1	18.3	17.0	15.3	13.2	11.3	44.5	
46	155.9	152.9	30.4	18.8	17.4	15.7	13.5	11.6	45.5	
47	159.3	156.3	29.7	19.2	17.8	16.0	13.8	11.9	46.5	
48	162.7	159.7	29.1	19.6	18.2	16.4	14.1	12.1	47.4	
49	166.1	163.1	28.5	20.0	18.6	16.7	14.4	12.4	48.4	
50	169.5	166.5	27.9	20.4	18.9	17.1	14.7	12.6	49.4	
51	172.9	169.9	27.3	20.8	19.3	17.4	15.0	12.9	50.4	
52	176.3	173.3	26.8	21.3	19.7	17.8	15.3	13.1	51.4	
53	179.7	176.7	26.3	21.7	20.1	18.1	15.6	13.4	52.4	
54	183.1	180.1	25.8	22.1	20.5	18.5	15.9	13.7	53.4	
55	186.4	183.4	25.3	22.5	20.9	18.8	16.2	13.9	54.4	
56	189.8	186.8	24.9	22.9	21.3	19.2	16.5	14.2	55.4	
57	193.2	190.2	24.4	23.3	21.6	19.5	16.8	14.4	56.3	
58	196.6	193.6	24.0	23.7	22.0	19.9	17.1	14.7	57.3	
59	200.0	197.0	23.6	24.2	22.4	20.2	17.4	14.9	58.3	
60	203.4	200.4	23.2	24.6	22.8	20.6	17.7	15.2	59.3	
61	206.8	203.8	22.8	25.0	23.2	20.9	18.0	15.5	60.3	
62	210.2	207.2	22.4	25.4	23.6	21.3	18.3	15.7	61.3	
63	213.6	210.6	22.1	25.8	23.9	21.6	18.5	16.0	62.3	

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.2970 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 4770 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.9955 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				581	538	486	417	359	
			Turns on spring (Turns)						
16	53.9	50.9	93.8	6.2	5.7	5.2	4.4	3.8	15.9
17	57.2	54.2	88.0	6.6	6.1	5.5	4.7	4.1	16.9
18	60.6	57.6	82.8	7.0	6.5	5.9	5.0	4.3	17.9
19	64.0	61.0	78.2	7.4	6.9	6.2	5.3	4.6	18.9
20	67.3	64.3	74.1	7.8	7.3	6.5	5.6	4.8	19.9
21	70.7	67.7	70.5	8.2	7.6	6.9	5.9	5.1	20.9
22	74.1	71.1	67.1	8.7	8.0	7.2	6.2	5.3	21.9
23	77.4	74.4	64.1	9.1	8.4	7.6	6.5	5.6	22.9
24	80.8	77.8	61.3	9.5	8.8	7.9	6.8	5.9	23.9
25	84.2	81.2	58.8	9.9	9.2	8.3	7.1	6.1	24.9
26	87.5	84.5	56.4	10.3	9.5	8.6	7.4	6.4	25.9
27	90.9	87.9	54.3	10.7	9.9	8.9	7.7	6.6	26.9
28	94.3	91.3	52.3	11.1	10.3	9.3	8.0	6.9	27.9
29	97.6	94.6	50.4	11.5	10.7	9.6	8.3	7.1	28.9
30	101.0	98.0	48.7	11.9	11.1	10.0	8.6	7.4	29.9
31	104.4	101.4	47.1	12.3	11.4	10.3	8.9	7.6	30.9
32	107.7	104.7	45.5	12.7	11.8	10.7	9.2	7.9	31.9
33	111.1	108.1	44.1	13.2	12.2	11.0	9.5	8.1	32.9
34	114.5	111.5	42.8	13.6	12.6	11.3	9.7	8.4	33.8
35	117.8	114.8	41.5	14.0	13.0	11.7	10.0	8.6	34.8
36	121.2	118.2	40.4	14.4	13.3	12.0	10.3	8.9	35.8
37	124.6	121.6	39.2	14.8	13.7	12.4	10.6	9.1	36.8
38	127.9	124.9	38.2	15.2	14.1	12.7	10.9	9.4	37.8
39	131.3	128.3	37.2	15.6	14.5	13.1	11.2	9.7	38.8
40	134.7	131.7	36.2	16.0	14.9	13.4	11.5	9.9	39.8
41	138.0	135.0	35.3	16.4	15.2	13.7	11.8	10.2	40.8
42	141.4	138.4	34.5	16.8	15.6	14.1	12.1	10.4	41.8
43	144.8	141.8	33.6	17.3	16.0	14.4	12.4	10.7	42.8
44	148.1	145.1	32.9	17.7	16.4	14.8	12.7	10.9	43.8
45	151.5	148.5	32.1	18.1	16.8	15.1	13.0	11.2	44.8
46	154.9	151.9	31.4	18.5	17.1	15.5	13.3	11.4	45.8
47	158.2	155.2	30.7	18.9	17.5	15.8	13.6	11.7	46.8
48	161.6	158.6	30.1	19.3	17.9	16.1	13.9	11.9	47.8
49	165.0	162.0	29.5	19.7	18.3	16.5	14.2	12.2	48.8
50	168.4	165.4	28.9	20.1	18.7	16.8	14.5	12.4	49.8
51	171.7	168.7	28.3	20.5	19.0	17.2	14.7	12.7	50.8
52	175.1	172.1	27.7	20.9	19.4	17.5	15.0	12.9	51.8
53	178.5	175.5	27.2	21.4	19.8	17.9	15.3	13.2	52.8
54	181.8	178.8	26.7	21.8	20.2	18.2	15.6	13.5	53.8
55	185.2	182.2	26.2	22.2	20.6	18.5	15.9	13.7	54.8
56	188.6	185.6	25.7	22.6	20.9	18.9	16.2	14.0	55.8
57	191.9	188.9	25.3	23.0	21.3	19.2	16.5	14.2	56.7
58	195.3	192.3	24.8	23.4	21.7	19.6	16.8	14.5	57.7
59	198.7	195.7	24.4	23.8	22.1	19.9	17.1	14.7	58.7
60	202.0	199.0	24.0	24.2	22.5	20.3	17.4	15.0	59.7
61	205.4	202.4	23.6	24.6	22.8	20.6	17.7	15.2	60.7
62	208.8	205.8	23.2	25.0	23.2	20.9	18.0	15.5	61.7
63	212.1	209.1	22.8	25.5	23.6	21.3	18.3	15.7	62.7

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.3065 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 5400 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.0294 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				634	588	530	455	392	
				Turns on spring (Turns)					
17	55.5	52.5	102.9	6.2	5.7	5.2	4.4	3.8	17.5
18	58.7	55.7	96.9	6.5	6.1	5.5	4.7	4.0	18.5
19	62.0	59.0	91.5	6.9	6.4	5.8	5.0	4.3	19.6
20	65.3	62.3	86.7	7.3	6.8	6.1	5.2	4.5	20.6
21	68.5	65.5	82.4	7.7	7.1	6.4	5.5	4.8	21.6
22	71.8	68.8	78.5	8.1	7.5	6.8	5.8	5.0	22.6
23	75.0	72.0	75.0	8.5	7.8	7.1	6.1	5.2	23.7
24	78.3	75.3	71.7	8.8	8.2	7.4	6.3	5.5	24.7
25	81.6	78.6	68.7	9.2	8.6	7.7	6.6	5.7	25.7
26	84.8	81.8	66.0	9.6	8.9	8.0	6.9	5.9	26.8
27	88.1	85.1	63.5	10.0	9.3	8.4	7.2	6.2	27.8
28	91.4	88.4	61.1	10.4	9.6	8.7	7.4	6.4	28.8
29	94.6	91.6	58.9	10.8	10.0	9.0	7.7	6.6	29.9
30	97.9	94.9	56.9	11.1	10.3	9.3	8.0	6.9	30.9
31	101.1	98.1	55.0	11.5	10.7	9.6	8.3	7.1	31.9
32	104.4	101.4	53.3	11.9	11.0	10.0	8.5	7.4	32.9
33	107.7	104.7	51.6	12.3	11.4	10.3	8.8	7.6	34.0
34	110.9	107.9	50.0	12.7	11.7	10.6	9.1	7.8	35.0
35	114.2	111.2	48.6	13.1	12.1	10.9	9.4	8.1	36.0
36	117.5	114.5	47.2	13.4	12.5	11.2	9.7	8.3	37.1
37	120.7	117.7	45.9	13.8	12.8	11.6	9.9	8.5	38.1
38	124.0	121.0	44.6	14.2	13.2	11.9	10.2	8.8	39.1
39	127.2	124.2	43.5	14.6	13.5	12.2	10.5	9.0	40.1
40	130.5	127.5	42.4	15.0	13.9	12.5	10.8	9.3	41.2
41	133.8	130.8	41.3	15.4	14.2	12.8	11.0	9.5	42.2
42	137.0	134.0	40.3	15.7	14.6	13.2	11.3	9.7	43.2
43	140.3	137.3	39.3	16.1	14.9	13.5	11.6	10.0	44.3
44	143.6	140.6	38.4	16.5	15.3	13.8	11.9	10.2	45.3
45	146.8	143.8	37.5	16.9	15.7	14.1	12.1	10.4	46.3
46	150.1	147.1	36.7	17.3	16.0	14.4	12.4	10.7	47.4
47	153.3	150.3	35.9	17.7	16.4	14.8	12.7	10.9	48.4
48	156.6	153.6	35.2	18.0	16.7	15.1	13.0	11.1	49.4
49	159.9	156.9	34.4	18.4	17.1	15.4	13.2	11.4	50.4
50	163.1	160.1	33.7	18.8	17.4	15.7	13.5	11.6	51.5
51	166.4	163.4	33.1	19.2	17.8	16.0	13.8	11.9	52.5
52	169.7	166.7	32.4	19.6	18.1	16.4	14.1	12.1	53.5
53	172.9	169.9	31.8	19.9	18.5	16.7	14.3	12.3	54.6
54	176.2	173.2	31.2	20.3	18.9	17.0	14.6	12.6	55.6
55	179.4	176.4	30.6	20.7	19.2	17.3	14.9	12.8	56.6
56	182.7	179.7	30.1	21.1	19.6	17.6	15.2	13.0	57.6
57	186.0	183.0	29.5	21.5	19.9	18.0	15.4	13.3	58.7
58	189.2	186.2	29.0	21.9	20.3	18.3	15.7	13.5	59.7
59	192.5	189.5	28.5	22.2	20.6	18.6	16.0	13.8	60.7
60	195.8	192.8	28.0	22.6	21.0	18.9	16.3	14.0	61.8
61	199.0	196.0	27.5	23.0	21.3	19.2	16.5	14.2	62.8
62	202.3	199.3	27.1	23.4	21.7	19.6	16.8	14.5	63.8
63	205.5	202.5	26.7	23.8	22.0	19.9	17.1	14.7	64.9
64	208.8	205.8	26.2	24.2	22.4	20.2	17.4	14.9	65.9

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.3125 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)							Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)	MIP (in*lbs)					Weight of spring (lbs)		
				5828	10	15	25	50			100
					669	621	560	481			414
			IPPT	Turns on spring							
			(in*lbs/turn)	(Turns)							
17	54.4	51.4	113.4	5.9	5.5	4.9	4.2	3.6	17.9		
18	57.6	54.6	106.7	6.3	5.8	5.2	4.5	3.9	18.9		
19	60.8	57.8	100.8	6.6	6.2	5.6	4.8	4.1	20.0		
20	64.0	61.0	95.5	7.0	6.5	5.9	5.0	4.3	21.0		
21	67.2	64.2	90.8	7.4	6.8	6.2	5.3	4.6	22.1		
22	70.4	67.4	86.5	7.7	7.2	6.5	5.6	4.8	23.1		
23	73.6	70.6	82.6	8.1	7.5	6.8	5.8	5.0	24.2		
24	76.8	73.8	79.0	8.5	7.9	7.1	6.1	5.2	25.2		
25	80.0	77.0	75.7	8.8	8.2	7.4	6.3	5.5	26.3		
26	83.2	80.2	72.7	9.2	8.5	7.7	6.6	5.7	27.3		
27	86.4	83.4	69.9	9.6	8.9	8.0	6.9	5.9	28.4		
28	89.6	86.6	67.3	9.9	9.2	8.3	7.1	6.1	29.4		
29	92.8	89.8	64.9	10.3	9.6	8.6	7.4	6.4	30.5		
30	96.0	93.0	62.7	10.7	9.9	8.9	7.7	6.6	31.5		
31	99.2	96.2	60.6	11.0	10.2	9.2	7.9	6.8	32.6		
32	102.4	99.4	58.6	11.4	10.6	9.5	8.2	7.1	33.6		
33	105.6	102.6	56.8	11.8	10.9	9.9	8.5	7.3	34.7		
34	108.8	105.8	55.1	12.1	11.3	10.2	8.7	7.5	35.7		
35	112.0	109.0	53.5	12.5	11.6	10.5	9.0	7.7	36.8		
36	115.2	112.2	51.9	12.9	11.9	10.8	9.3	8.0	37.8		
37	118.4	115.4	50.5	13.3	12.3	11.1	9.5	8.2	38.9		
38	121.6	118.6	49.1	13.6	12.6	11.4	9.8	8.4	39.9		
39	124.8	121.8	47.9	14.0	13.0	11.7	10.0	8.6	41.0		
40	128.0	125.0	46.6	14.4	13.3	12.0	10.3	8.9	42.0		
41	131.2	128.2	45.5	14.7	13.6	12.3	10.6	9.1	43.1		
42	134.4	131.4	44.4	15.1	14.0	12.6	10.8	9.3	44.1		
43	137.6	134.6	43.3	15.5	14.3	12.9	11.1	9.6	45.2		
44	140.8	137.8	42.3	15.8	14.7	13.2	11.4	9.8	46.2		
45	144.0	141.0	41.3	16.2	15.0	13.5	11.6	10.0	47.3		
46	147.2	144.2	40.4	16.6	15.4	13.8	11.9	10.2	48.3		
47	150.4	147.4	39.5	16.9	15.7	14.2	12.2	10.5	49.4		
48	153.6	150.6	38.7	17.3	16.0	14.5	12.4	10.7	50.4		
49	156.8	153.8	37.9	17.7	16.4	14.8	12.7	10.9	51.5		
50	160.0	157.0	37.1	18.0	16.7	15.1	12.9	11.1	52.5		
51	163.2	160.2	36.4	18.4	17.1	15.4	13.2	11.4	53.6		
52	166.4	163.4	35.7	18.8	17.4	15.7	13.5	11.6	54.6		
53	169.6	166.6	35.0	19.1	17.7	16.0	13.7	11.8	55.7		
54	172.8	169.8	34.3	19.5	18.1	16.3	14.0	12.1	56.7		
55	176.0	173.0	33.7	19.9	18.4	16.6	14.3	12.3	57.8		
56	179.2	176.2	33.1	20.2	18.8	16.9	14.5	12.5	58.8		
57	182.4	179.4	32.5	20.6	19.1	17.2	14.8	12.7	59.9		
58	185.6	182.6	31.9	21.0	19.4	17.5	15.1	13.0	61.0		
59	188.8	185.8	31.4	21.3	19.8	17.8	15.3	13.2	62.0		
60	192.0	189.0	30.8	21.7	20.1	18.2	15.6	13.4	63.1		
61	195.2	192.2	30.3	22.1	20.5	18.5	15.8	13.6	64.1		
62	198.4	195.4	29.8	22.4	20.8	18.8	16.1	13.9	65.2		
63	201.6	198.6	29.3	22.8	21.1	19.1	16.4	14.1	66.2		
64	204.8	201.8	28.9	23.2	21.5	19.4	16.6	14.3	67.3		

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.3195 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 6359 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.0760
				10	15	25	50	100	
				MIP (in*lbs)					
				712	660	595	511	440	
			Turns on spring					Weight of spring (lbs)	
			(Turns)						
18	56.3	53.3	119.2	6.0	5.5	5.0	4.3	3.7	19.4
19	59.5	56.5	112.6	6.3	5.9	5.3	4.5	3.9	20.4
20	62.6	59.6	106.7	6.7	6.2	5.6	4.8	4.1	21.5
21	65.7	62.7	101.4	7.0	6.5	5.9	5.0	4.3	22.6
22	68.9	65.9	96.6	7.4	6.8	6.2	5.3	4.6	23.7
23	72.0	69.0	92.2	7.7	7.2	6.5	5.5	4.8	24.7
24	75.1	72.1	88.2	8.1	7.5	6.8	5.8	5.0	25.8
25	78.2	75.2	84.5	8.4	7.8	7.0	6.0	5.2	26.9
26	81.4	78.4	81.1	8.8	8.1	7.3	6.3	5.4	28.0
27	84.5	81.5	78.0	9.1	8.5	7.6	6.6	5.6	29.1
28	87.6	84.6	75.1	9.5	8.8	7.9	6.8	5.9	30.1
29	90.8	87.8	72.5	9.8	9.1	8.2	7.1	6.1	31.2
30	93.9	90.9	70.0	10.2	9.4	8.5	7.3	6.3	32.3
31	97.0	94.0	67.6	10.5	9.8	8.8	7.6	6.5	33.4
32	100.2	97.2	65.5	10.9	10.1	9.1	7.8	6.7	34.4
33	103.3	100.3	63.4	11.2	10.4	9.4	8.1	6.9	35.5
34	106.4	103.4	61.5	11.6	10.7	9.7	8.3	7.2	36.6
35	109.5	106.5	59.7	11.9	11.1	10.0	8.6	7.4	37.7
36	112.7	109.7	58.0	12.3	11.4	10.3	8.8	7.6	38.7
37	115.8	112.8	56.4	12.6	11.7	10.6	9.1	7.8	39.8
38	118.9	115.9	54.9	13.0	12.0	10.9	9.3	8.0	40.9
39	122.1	119.1	53.4	13.3	12.4	11.1	9.6	8.2	42.0
40	125.2	122.2	52.0	13.7	12.7	11.4	9.8	8.5	43.0
41	128.3	125.3	50.7	14.0	13.0	11.7	10.1	8.7	44.1
42	131.5	128.5	49.5	14.4	13.3	12.0	10.3	8.9	45.2
43	134.6	131.6	48.3	14.7	13.7	12.3	10.6	9.1	46.3
44	137.7	134.7	47.2	15.1	14.0	12.6	10.8	9.3	47.3
45	140.8	137.8	46.1	15.4	14.3	12.9	11.1	9.5	48.4
46	144.0	141.0	45.1	15.8	14.6	13.2	11.3	9.8	49.5
47	147.1	144.1	44.1	16.1	15.0	13.5	11.6	10.0	50.6
48	150.2	147.2	43.2	16.5	15.3	13.8	11.8	10.2	51.6
49	153.4	150.4	42.3	16.8	15.6	14.1	12.1	10.4	52.7
50	156.5	153.5	41.4	17.2	15.9	14.4	12.3	10.6	53.8
51	159.6	156.6	40.6	17.5	16.3	14.7	12.6	10.8	54.9
52	162.8	159.8	39.8	17.9	16.6	15.0	12.8	11.1	56.0
53	165.9	162.9	39.0	18.2	16.9	15.3	13.1	11.3	57.0
54	169.0	166.0	38.3	18.6	17.2	15.5	13.3	11.5	58.1
55	172.1	169.1	37.6	18.9	17.6	15.8	13.6	11.7	59.2
56	175.3	172.3	36.9	19.3	17.9	16.1	13.9	11.9	60.3
57	178.4	175.4	36.3	19.6	18.2	16.4	14.1	12.1	61.3
58	181.5	178.5	35.6	20.0	18.5	16.7	14.4	12.4	62.4
59	184.7	181.7	35.0	20.3	18.9	17.0	14.6	12.6	63.5
60	187.8	184.8	34.4	20.7	19.2	17.3	14.9	12.8	64.6
61	190.9	187.9	33.8	21.0	19.5	17.6	15.1	13.0	65.6
62	194.1	191.1	33.3	21.4	19.8	17.9	15.4	13.2	66.7
63	197.2	194.2	32.7	21.7	20.2	18.2	15.6	13.4	67.8
64	200.3	197.3	32.2	22.1	20.5	18.5	15.9	13.7	68.9
65	203.4	200.4	31.7	22.4	20.8	18.8	16.1	13.9	69.9

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.3310 Wire diameter (in)
 3 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)					
				7307	786	729	657		564
IPPT	Turns on spring					Weight of spring (lbs)			
(in.)			(in*lbs/turn)	(Turns)					(lbs)
20	60.4	57.4	127.3	6.2	5.7	5.2	4.4	3.8	22.3
21	63.4	60.4	120.9	6.5	6.0	5.4	4.7	4.0	23.5
22	66.5	63.5	115.1	6.8	6.3	5.7	4.9	4.2	24.6
23	69.5	66.5	109.9	7.1	6.6	6.0	5.1	4.4	25.7
24	72.5	69.5	105.1	7.5	6.9	6.3	5.4	4.6	26.8
25	75.5	72.5	100.8	7.8	7.2	6.5	5.6	4.8	27.9
26	78.5	75.5	96.7	8.1	7.5	6.8	5.8	5.0	29.1
27	81.6	78.6	93.0	8.4	7.8	7.1	6.1	5.2	30.2
28	84.6	81.6	89.6	8.8	8.1	7.3	6.3	5.4	31.3
29	87.6	84.6	86.4	9.1	8.4	7.6	6.5	5.6	32.4
30	90.6	87.6	83.4	9.4	8.7	7.9	6.8	5.8	33.5
31	93.7	90.7	80.6	9.7	9.0	8.2	7.0	6.0	34.6
32	96.7	93.7	78.0	10.1	9.3	8.4	7.2	6.2	35.8
33	99.7	96.7	75.6	10.4	9.6	8.7	7.5	6.4	36.9
34	102.7	99.7	73.3	10.7	9.9	9.0	7.7	6.6	38.0
35	105.7	102.7	71.1	11.0	10.2	9.2	7.9	6.8	39.1
36	108.8	105.8	69.1	11.4	10.5	9.5	8.2	7.0	40.2
37	111.8	108.8	67.2	11.7	10.8	9.8	8.4	7.2	41.3
38	114.8	111.8	65.4	12.0	11.1	10.1	8.6	7.4	42.5
39	117.8	114.8	63.6	12.3	11.4	10.3	8.9	7.6	43.6
40	120.8	117.8	62.0	12.7	11.7	10.6	9.1	7.8	44.7
41	123.9	120.9	60.5	13.0	12.0	10.9	9.3	8.0	45.8
42	126.9	123.9	59.0	13.3	12.4	11.1	9.6	8.2	46.9
43	129.9	126.9	57.6	13.6	12.7	11.4	9.8	8.4	48.0
44	132.9	129.9	56.2	14.0	13.0	11.7	10.0	8.6	49.2
45	136.0	133.0	55.0	14.3	13.3	12.0	10.3	8.8	50.3
46	139.0	136.0	53.7	14.6	13.6	12.2	10.5	9.0	51.4
47	142.0	139.0	52.6	14.9	13.9	12.5	10.7	9.2	52.5
48	145.0	142.0	51.5	15.3	14.2	12.8	11.0	9.4	53.6
49	148.0	145.0	50.4	15.6	14.5	13.0	11.2	9.6	54.8
50	151.1	148.1	49.4	15.9	14.8	13.3	11.4	9.8	55.9
51	154.1	151.1	48.4	16.2	15.1	13.6	11.7	10.0	57.0
52	157.1	154.1	47.4	16.6	15.4	13.9	11.9	10.2	58.1
53	160.1	157.1	46.5	16.9	15.7	14.1	12.1	10.4	59.2
54	163.1	160.1	45.6	17.2	16.0	14.4	12.4	10.6	60.3
55	166.2	163.2	44.8	17.5	16.3	14.7	12.6	10.8	61.5
56	169.2	166.2	44.0	17.9	16.6	14.9	12.8	11.0	62.6
57	172.2	169.2	43.2	18.2	16.9	15.2	13.1	11.2	63.7
58	175.2	172.2	42.4	18.5	17.2	15.5	13.3	11.4	64.8
59	178.2	175.2	41.7	18.8	17.5	15.8	13.5	11.6	65.9
60	181.3	178.3	41.0	19.2	17.8	16.0	13.8	11.8	67.0
61	184.3	181.3	40.3	19.5	18.1	16.3	14.0	12.0	68.2
62	187.3	184.3	39.7	19.8	18.4	16.6	14.2	12.3	69.3
63	190.3	187.3	39.0	20.1	18.7	16.8	14.5	12.5	70.4
64	193.4	190.4	38.4	20.5	19.0	17.1	14.7	12.7	71.5
65	196.4	193.4	37.8	20.8	19.3	17.4	14.9	12.9	72.6
66	199.4	196.4	37.2	21.1	19.6	17.7	15.2	13.1	73.7
67	202.4	199.4	36.6	21.4	19.9	17.9	15.4	13.3	74.9

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.3437 Wire diameter (in)
 3 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)					
				8473	873	809	730		627
IPPT	Turns on spring					Weight of spring (lbs)			
(in*)	(in*)	(in*)	(in*lbs/turn)	(Turns)					(lbs)
22	64.0	61.0	138.9	6.3	5.8	5.3	4.5	3.9	25.6
23	66.9	63.9	132.6	6.6	6.1	5.5	4.7	4.1	26.8
24	69.8	66.8	126.8	6.9	6.4	5.8	4.9	4.3	27.9
25	72.7	69.7	121.5	7.2	6.7	6.0	5.2	4.4	29.1
26	75.6	72.6	116.6	7.5	6.9	6.3	5.4	4.6	30.2
27	78.6	75.6	112.1	7.8	7.2	6.5	5.6	4.8	31.4
28	81.5	78.5	108.0	8.1	7.5	6.8	5.8	5.0	32.6
29	84.4	81.4	104.1	8.4	7.8	7.0	6.0	5.2	33.7
30	87.3	84.3	100.5	8.7	8.0	7.3	6.2	5.4	34.9
31	90.2	87.2	97.2	9.0	8.3	7.5	6.4	5.6	36.1
32	93.1	90.1	94.0	9.3	8.6	7.8	6.7	5.7	37.2
33	96.0	93.0	91.1	9.6	8.9	8.0	6.9	5.9	38.4
34	98.9	95.9	88.3	9.9	9.2	8.3	7.1	6.1	39.6
35	101.8	98.8	85.7	10.2	9.4	8.5	7.3	6.3	40.7
36	104.7	101.7	83.3	10.5	9.7	8.8	7.5	6.5	41.9
37	107.7	104.7	81.0	10.8	10.0	9.0	7.7	6.7	43.0
38	110.6	107.6	78.8	11.1	10.3	9.3	8.0	6.8	44.2
39	113.5	110.5	76.7	11.4	10.6	9.5	8.2	7.0	45.4
40	116.4	113.4	74.7	11.7	10.8	9.8	8.4	7.2	46.5
41	119.3	116.3	72.9	12.0	11.1	10.0	8.6	7.4	47.7
42	122.2	119.2	71.1	12.3	11.4	10.3	8.8	7.6	48.9
43	125.1	122.1	69.4	12.6	11.7	10.5	9.0	7.8	50.0
44	128.0	125.0	67.8	12.9	11.9	10.8	9.2	8.0	51.2
45	130.9	127.9	66.2	13.2	12.2	11.0	9.5	8.1	52.3
46	133.8	130.8	64.8	13.5	12.5	11.3	9.7	8.3	53.5
47	136.7	133.7	63.4	13.8	12.8	11.5	9.9	8.5	54.7
48	139.7	136.7	62.0	14.1	13.1	11.8	10.1	8.7	55.8
49	142.6	139.6	60.7	14.4	13.3	12.0	10.3	8.9	57.0
50	145.5	142.5	59.5	14.7	13.6	12.3	10.5	9.1	58.2
51	148.4	145.4	58.3	15.0	13.9	12.5	10.8	9.3	59.3
52	151.3	148.3	57.1	15.3	14.2	12.8	11.0	9.4	60.5
53	154.2	151.2	56.0	15.6	14.4	13.0	11.2	9.6	61.7
54	157.1	154.1	55.0	15.9	14.7	13.3	11.4	9.8	62.8
55	160.0	157.0	54.0	16.2	15.0	13.5	11.6	10.0	64.0
56	162.9	159.9	53.0	16.5	15.3	13.8	11.8	10.2	65.1
57	165.8	162.8	52.0	16.8	15.6	14.0	12.0	10.4	66.3
58	168.8	165.8	51.1	17.1	15.8	14.3	12.3	10.6	67.5
59	171.7	168.7	50.2	17.4	16.1	14.5	12.5	10.7	68.6
60	174.6	171.6	49.4	17.7	16.4	14.8	12.7	10.9	69.8
61	177.5	174.5	48.6	18.0	16.7	15.0	12.9	11.1	71.0
62	180.4	177.4	47.8	18.3	16.9	15.3	13.1	11.3	72.1
63	183.3	180.3	47.0	18.6	17.2	15.5	13.3	11.5	73.3
64	186.2	183.2	46.3	18.9	17.5	15.8	13.6	11.7	74.5
65	189.1	186.1	45.5	19.2	17.8	16.0	13.8	11.9	75.6
66	192.0	189.0	44.8	19.5	18.1	16.3	14.0	12.0	76.8
67	194.9	191.9	44.1	19.8	18.3	16.5	14.2	12.2	77.9
68	197.8	194.8	43.5	20.1	18.6	16.8	14.4	12.4	79.1
69	200.8	197.8	42.8	20.4	18.9	17.0	14.6	12.6	80.3

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.3625 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)		MIP (in*lbs)				
			10444	1013	939	847	727		626
			IPPT	Turns on spring					
(in.)			(in*lbs/turn)	(Turns)					Weight of spring (lbs)
23	63.4	60.4	172.8	5.9	5.4	4.9	4.2	3.6	28.3
24	66.2	63.2	165.2	6.1	5.7	5.1	4.4	3.8	29.6
25	69.0	66.0	158.3	6.4	5.9	5.3	4.6	4.0	30.8
26	71.7	68.7	152.0	6.7	6.2	5.6	4.8	4.1	32.0
27	74.5	71.5	146.1	6.9	6.4	5.8	5.0	4.3	33.3
28	77.2	74.2	140.7	7.2	6.7	6.0	5.2	4.4	34.5
29	80.0	77.0	135.6	7.5	6.9	6.2	5.4	4.6	35.7
30	82.8	79.8	131.0	7.7	7.2	6.5	5.6	4.8	37.0
31	85.5	82.5	126.6	8.0	7.4	6.7	5.7	4.9	38.2
32	88.3	85.3	122.5	8.3	7.7	6.9	5.9	5.1	39.4
33	91.0	88.0	118.6	8.5	7.9	7.1	6.1	5.3	40.6
34	93.8	90.8	115.0	8.8	8.2	7.4	6.3	5.4	41.9
35	96.6	93.6	111.6	9.1	8.4	7.6	6.5	5.6	43.1
36	99.3	96.3	108.4	9.3	8.7	7.8	6.7	5.8	44.3
37	102.1	99.1	105.4	9.6	8.9	8.0	6.9	5.9	45.6
38	104.8	101.8	102.6	9.9	9.2	8.3	7.1	6.1	46.8
39	107.6	104.6	99.9	10.1	9.4	8.5	7.3	6.3	48.0
40	110.3	107.3	97.3	10.4	9.6	8.7	7.5	6.4	49.3
41	113.1	110.1	94.9	10.7	9.9	8.9	7.7	6.6	50.5
42	115.9	112.9	92.5	10.9	10.1	9.2	7.9	6.8	51.7
43	118.6	115.6	90.3	11.2	10.4	9.4	8.1	6.9	53.0
44	121.4	118.4	88.2	11.5	10.6	9.6	8.2	7.1	54.2
45	124.1	121.1	86.2	11.7	10.9	9.8	8.4	7.3	55.4
46	126.9	123.9	84.3	12.0	11.1	10.0	8.6	7.4	56.7
47	129.7	126.7	82.5	12.3	11.4	10.3	8.8	7.6	57.9
48	132.4	129.4	80.7	12.5	11.6	10.5	9.0	7.8	59.1
49	135.2	132.2	79.0	12.8	11.9	10.7	9.2	7.9	60.4
50	137.9	134.9	77.4	13.1	12.1	10.9	9.4	8.1	61.6
51	140.7	137.7	75.9	13.3	12.4	11.2	9.6	8.3	62.8
52	143.4	140.4	74.4	13.6	12.6	11.4	9.8	8.4	64.0
53	146.2	143.2	72.9	13.9	12.9	11.6	10.0	8.6	65.3
54	149.0	146.0	71.6	14.2	13.1	11.8	10.2	8.7	66.5
55	151.7	148.7	70.2	14.4	13.4	12.1	10.4	8.9	67.7
56	154.5	151.5	68.9	14.7	13.6	12.3	10.5	9.1	69.0
57	157.2	154.2	67.7	15.0	13.9	12.5	10.7	9.2	70.2
58	160.0	157.0	66.5	15.2	14.1	12.7	10.9	9.4	71.4
59	162.8	159.8	65.4	15.5	14.4	13.0	11.1	9.6	72.7
60	165.5	162.5	64.3	15.8	14.6	13.2	11.3	9.7	73.9
61	168.3	165.3	63.2	16.0	14.9	13.4	11.5	9.9	75.1
62	171.0	168.0	62.2	16.3	15.1	13.6	11.7	10.1	76.4
63	173.8	170.8	61.2	16.6	15.4	13.8	11.9	10.2	77.6
64	176.6	173.6	60.2	16.8	15.6	14.1	12.1	10.4	78.8
65	179.3	176.3	59.2	17.1	15.8	14.3	12.3	10.6	80.1
66	182.1	179.1	58.3	17.4	16.1	14.5	12.5	10.7	81.3
67	184.8	181.8	57.4	17.6	16.3	14.7	12.7	10.9	82.5
68	187.6	184.6	56.6	17.9	16.6	15.0	12.9	11.1	83.8
69	190.3	187.3	55.8	18.2	16.8	15.2	13.0	11.2	85.0
70	193.1	190.1	54.9	18.4	17.1	15.4	13.2	11.4	86.2

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.3750 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)		MIP (in*lbs)				
			11930	1113	1032	931	799		688
			IPPT	Turns on spring					1.2774
(in.)			(in*lbs/turn)	(Turns)				Weight of spring (lbs)	
26	69.3	66.3	179.9	6.2	5.7	5.2	4.4	3.8	33.2
27	72.0	69.0	172.9	6.4	6.0	5.4	4.6	4.0	34.5
28	74.7	71.7	166.5	6.7	6.2	5.6	4.8	4.1	35.8
29	77.3	74.3	160.5	6.9	6.4	5.8	5.0	4.3	37.0
30	80.0	77.0	154.9	7.2	6.7	6.0	5.2	4.4	38.3
31	82.7	79.7	149.8	7.4	6.9	6.2	5.3	4.6	39.6
32	85.3	82.3	144.9	7.7	7.1	6.4	5.5	4.7	40.9
33	88.0	85.0	140.4	7.9	7.4	6.6	5.7	4.9	42.2
34	90.7	87.7	136.1	8.2	7.6	6.8	5.9	5.1	43.4
35	93.3	90.3	132.1	8.4	7.8	7.0	6.1	5.2	44.7
36	96.0	93.0	128.3	8.7	8.0	7.3	6.2	5.4	46.0
37	98.7	95.7	124.7	8.9	8.3	7.5	6.4	5.5	47.3
38	101.3	98.3	121.3	9.2	8.5	7.7	6.6	5.7	48.5
39	104.0	101.0	118.1	9.4	8.7	7.9	6.8	5.8	49.8
40	106.7	103.7	115.1	9.7	9.0	8.1	6.9	6.0	51.1
41	109.3	106.3	112.2	9.9	9.2	8.3	7.1	6.1	52.4
42	112.0	109.0	109.5	10.2	9.4	8.5	7.3	6.3	53.7
43	114.7	111.7	106.8	10.4	9.7	8.7	7.5	6.4	54.9
44	117.3	114.3	104.4	10.7	9.9	8.9	7.7	6.6	56.2
45	120.0	117.0	102.0	10.9	10.1	9.1	7.8	6.7	57.5
46	122.7	119.7	99.7	11.2	10.4	9.3	8.0	6.9	58.8
47	125.3	122.3	97.5	11.4	10.6	9.5	8.2	7.1	60.0
48	128.0	125.0	95.4	11.7	10.8	9.8	8.4	7.2	61.3
49	130.7	127.7	93.5	11.9	11.0	10.0	8.6	7.4	62.6
50	133.3	130.3	91.5	12.2	11.3	10.2	8.7	7.5	63.9
51	136.0	133.0	89.7	12.4	11.5	10.4	8.9	7.7	65.1
52	138.7	135.7	87.9	12.7	11.7	10.6	9.1	7.8	66.4
53	141.3	138.3	86.2	12.9	12.0	10.8	9.3	8.0	67.7
54	144.0	141.0	84.6	13.2	12.2	11.0	9.4	8.1	69.0
55	146.7	143.7	83.0	13.4	12.4	11.2	9.6	8.3	70.3
56	149.3	146.3	81.5	13.7	12.7	11.4	9.8	8.4	71.5
57	152.0	149.0	80.1	13.9	12.9	11.6	10.0	8.6	72.8
58	154.7	151.7	78.7	14.1	13.1	11.8	10.2	8.7	74.1
59	157.3	154.3	77.3	14.4	13.4	12.0	10.3	8.9	75.4
60	160.0	157.0	76.0	14.6	13.6	12.2	10.5	9.1	76.6
61	162.7	159.7	74.7	14.9	13.8	12.5	10.7	9.2	77.9
62	165.3	162.3	73.5	15.1	14.0	12.7	10.9	9.4	79.2
63	168.0	165.0	72.3	15.4	14.3	12.9	11.1	9.5	80.5
64	170.7	167.7	71.2	15.6	14.5	13.1	11.2	9.7	81.8
65	173.3	170.3	70.0	15.9	14.7	13.3	11.4	9.8	83.0
66	176.0	173.0	69.0	16.1	15.0	13.5	11.6	10.0	84.3
67	178.7	175.7	67.9	16.4	15.2	13.7	11.8	10.1	85.6
68	181.3	178.3	66.9	16.6	15.4	13.9	11.9	10.3	86.9
69	184.0	181.0	65.9	16.9	15.7	14.1	12.1	10.4	88.1
70	186.7	183.7	65.0	17.1	15.9	14.3	12.3	10.6	89.4
71	189.3	186.3	64.0	17.4	16.1	14.5	12.5	10.7	90.7
72	192.0	189.0	63.1	17.6	16.3	14.7	12.7	10.9	92.0
73	194.7	191.7	62.2	17.9	16.6	15.0	12.8	11.1	93.3

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.3938 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)						Weight of spring (lbs)
			MIP (in*lbs)						
			14453	1276	1183	1067	916		
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
	10	15	25	50	100				
27	68.6	65.6	220.5	5.8	5.4	4.8	4.2	3.6	36.4
28	71.1	68.1	212.2	6.0	5.6	5.0	4.3	3.7	37.7
29	73.6	70.6	204.6	6.2	5.8	5.2	4.5	3.9	39.1
30	76.2	73.2	197.5	6.5	6.0	5.4	4.6	4.0	40.4
31	78.7	75.7	190.9	6.7	6.2	5.6	4.8	4.1	41.7
32	81.3	78.3	184.7	6.9	6.4	5.8	5.0	4.3	43.1
33	83.8	80.8	178.9	7.1	6.6	6.0	5.1	4.4	44.4
34	86.3	83.3	173.4	7.4	6.8	6.2	5.3	4.5	45.8
35	88.9	85.9	168.3	7.6	7.0	6.3	5.4	4.7	47.1
36	91.4	88.4	163.5	7.8	7.2	6.5	5.6	4.8	48.5
37	94.0	91.0	158.9	8.0	7.4	6.7	5.8	5.0	49.8
38	96.5	93.5	154.6	8.3	7.7	6.9	5.9	5.1	51.2
39	99.0	96.0	150.5	8.5	7.9	7.1	6.1	5.2	52.5
40	101.6	98.6	146.6	8.7	8.1	7.3	6.2	5.4	53.9
41	104.1	101.1	142.9	8.9	8.3	7.5	6.4	5.5	55.2
42	106.7	103.7	139.4	9.1	8.5	7.7	6.6	5.7	56.6
43	109.2	106.2	136.1	9.4	8.7	7.8	6.7	5.8	57.9
44	111.7	108.7	132.9	9.6	8.9	8.0	6.9	5.9	59.3
45	114.3	111.3	129.9	9.8	9.1	8.2	7.1	6.1	60.6
46	116.8	113.8	127.0	10.0	9.3	8.4	7.2	6.2	61.9
47	119.3	116.3	124.2	10.3	9.5	8.6	7.4	6.3	63.3
48	121.9	118.9	121.6	10.5	9.7	8.8	7.5	6.5	64.6
49	124.4	121.4	119.0	10.7	9.9	9.0	7.7	6.6	66.0
50	127.0	124.0	116.6	10.9	10.1	9.2	7.9	6.8	67.3
51	129.5	126.5	114.3	11.2	10.4	9.3	8.0	6.9	68.7
52	132.0	129.0	112.0	11.4	10.6	9.5	8.2	7.0	70.0
53	134.6	131.6	109.8	11.6	10.8	9.7	8.3	7.2	71.4
54	137.1	134.1	107.8	11.8	11.0	9.9	8.5	7.3	72.7
55	139.7	136.7	105.8	12.1	11.2	10.1	8.7	7.5	74.1
56	142.2	139.2	103.8	12.3	11.4	10.3	8.8	7.6	75.4
57	144.7	141.7	102.0	12.5	11.6	10.5	9.0	7.7	76.8
58	147.3	144.3	100.2	12.7	11.8	10.7	9.1	7.9	78.1
59	149.8	146.8	98.4	13.0	12.0	10.8	9.3	8.0	79.5
60	152.4	149.4	96.8	13.2	12.2	11.0	9.5	8.1	80.8
61	154.9	151.9	95.2	13.4	12.4	11.2	9.6	8.3	82.1
62	157.4	154.4	93.6	13.6	12.6	11.4	9.8	8.4	83.5
63	160.0	157.0	92.1	13.9	12.8	11.6	10.0	8.6	84.8
64	162.5	159.5	90.6	14.1	13.1	11.8	10.1	8.7	86.2
65	165.1	162.1	89.2	14.3	13.3	12.0	10.3	8.8	87.5
66	167.6	164.6	87.8	14.5	13.5	12.2	10.4	9.0	88.9
67	170.1	167.1	86.5	14.8	13.7	12.3	10.6	9.1	90.2
68	172.7	169.7	85.2	15.0	13.9	12.5	10.8	9.3	91.6
69	175.2	172.2	83.9	15.2	14.1	12.7	10.9	9.4	92.9
70	177.8	174.8	82.7	15.4	14.3	12.9	11.1	9.5	94.3
71	180.3	177.3	81.5	15.6	14.5	13.1	11.2	9.7	95.6
72	182.8	179.8	80.4	15.9	14.7	13.3	11.4	9.8	97.0
73	185.4	182.4	79.3	16.1	14.9	13.5	11.6	10.0	98.3
74	187.9	184.9	78.2	16.3	15.1	13.7	11.7	10.1	99.7

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.4062 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	
			Rate (in*lbs*coil/turn)		MIP (in*lbs)				
			16320	1391	1290	1163	999		860
			IPPT	Turns on spring					1.3926
(in.)			(in*lbs/turn)	(Turns)				Weight of spring (lbs)	
31	76.3	73.3	222.6	6.2	5.8	5.2	4.5	3.9	43.2
32	78.8	75.8	215.4	6.5	6.0	5.4	4.6	4.0	44.6
33	81.2	78.2	208.6	6.7	6.2	5.6	4.8	4.1	46.0
34	83.7	80.7	202.2	6.9	6.4	5.8	4.9	4.3	47.3
35	86.2	83.2	196.2	7.1	6.6	5.9	5.1	4.4	48.7
36	88.6	85.6	190.6	7.3	6.8	6.1	5.2	4.5	50.1
37	91.1	88.1	185.3	7.5	7.0	6.3	5.4	4.6	51.5
38	93.5	90.5	180.2	7.7	7.2	6.5	5.5	4.8	52.9
39	96.0	93.0	175.5	7.9	7.4	6.6	5.7	4.9	54.3
40	98.5	95.5	170.9	8.1	7.5	6.8	5.8	5.0	55.7
41	100.9	97.9	166.6	8.3	7.7	7.0	6.0	5.2	57.1
42	103.4	100.4	162.6	8.6	7.9	7.2	6.1	5.3	58.5
43	105.9	102.9	158.7	8.8	8.1	7.3	6.3	5.4	59.9
44	108.3	105.3	155.0	9.0	8.3	7.5	6.4	5.5	61.3
45	110.8	107.8	151.4	9.2	8.5	7.7	6.6	5.7	62.7
46	113.2	110.2	148.0	9.4	8.7	7.9	6.7	5.8	64.1
47	115.7	112.7	144.8	9.6	8.9	8.0	6.9	5.9	65.5
48	118.2	115.2	141.7	9.8	9.1	8.2	7.0	6.1	66.8
49	120.6	117.6	138.7	10.0	9.3	8.4	7.2	6.2	68.2
50	123.1	120.1	135.9	10.2	9.5	8.6	7.4	6.3	69.6
51	125.6	122.6	133.2	10.4	9.7	8.7	7.5	6.5	71.0
52	128.0	125.0	130.5	10.7	9.9	8.9	7.7	6.6	72.4
53	130.5	127.5	128.0	10.9	10.1	9.1	7.8	6.7	73.8
54	132.9	129.9	125.6	11.1	10.3	9.3	8.0	6.8	75.2
55	135.4	132.4	123.3	11.3	10.5	9.4	8.1	7.0	76.6
56	137.9	134.9	121.0	11.5	10.7	9.6	8.3	7.1	78.0
57	140.3	137.3	118.8	11.7	10.9	9.8	8.4	7.2	79.4
58	142.8	139.8	116.8	11.9	11.0	10.0	8.6	7.4	80.8
59	145.2	142.2	114.7	12.1	11.2	10.1	8.7	7.5	82.2
60	147.7	144.7	112.8	12.3	11.4	10.3	8.9	7.6	83.6
61	150.2	147.2	110.9	12.5	11.6	10.5	9.0	7.8	84.9
62	152.6	149.6	109.1	12.8	11.8	10.7	9.2	7.9	86.3
63	155.1	152.1	107.3	13.0	12.0	10.8	9.3	8.0	87.7
64	157.6	154.6	105.6	13.2	12.2	11.0	9.5	8.1	89.1
65	160.0	157.0	103.9	13.4	12.4	11.2	9.6	8.3	90.5
66	162.5	159.5	102.3	13.6	12.6	11.4	9.8	8.4	91.9
67	164.9	161.9	100.8	13.8	12.8	11.5	9.9	8.5	93.3
68	167.4	164.4	99.3	14.0	13.0	11.7	10.1	8.7	94.7
69	169.9	166.9	97.8	14.2	13.2	11.9	10.2	8.8	96.1
70	172.3	169.3	96.4	14.4	13.4	12.1	10.4	8.9	97.5
71	174.8	171.8	95.0	14.6	13.6	12.2	10.5	9.1	98.9
72	177.3	174.3	93.7	14.9	13.8	12.4	10.7	9.2	100.3
73	179.7	176.7	92.4	15.1	14.0	12.6	10.8	9.3	101.7
74	182.2	179.2	91.1	15.3	14.2	12.8	11.0	9.4	103.1
75	184.6	181.6	89.9	15.5	14.4	12.9	11.1	9.6	104.4
76	187.1	184.1	88.7	15.7	14.6	13.1	11.3	9.7	105.8
77	189.6	186.6	87.5	15.9	14.7	13.3	11.4	9.8	107.2
78	192.0	189.0	86.3	16.1	14.9	13.5	11.6	10.0	108.6

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.5 Coil diameter (in)
 0.4218 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 18915 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.4507
				10	15	25	50	100	
				MIP (in*lbs)					
				1545	1433	1292	1110	955	
			Turns on spring					Weight of spring (lbs)	
			(Turns)						
33	78.2	75.2	251.4	6.1	5.7	5.1	4.4	3.8	47.9
34	80.6	77.6	243.7	6.3	5.9	5.3	4.6	3.9	49.3
35	83.0	80.0	236.5	6.5	6.1	5.5	4.7	4.0	50.8
36	85.3	82.3	229.7	6.7	6.2	5.6	4.8	4.2	52.2
37	87.7	84.7	223.3	6.9	6.4	5.8	5.0	4.3	53.7
38	90.1	87.1	217.2	7.1	6.6	6.0	5.1	4.4	55.1
39	92.5	89.5	211.4	7.3	6.8	6.1	5.2	4.5	56.6
40	94.8	91.8	206.0	7.5	7.0	6.3	5.4	4.6	58.0
41	97.2	94.2	200.8	7.7	7.1	6.4	5.5	4.8	59.5
42	99.6	96.6	195.9	7.9	7.3	6.6	5.7	4.9	60.9
43	101.9	98.9	191.2	8.1	7.5	6.8	5.8	5.0	62.4
44	104.3	101.3	186.7	8.3	7.7	6.9	5.9	5.1	63.8
45	106.7	103.7	182.4	8.5	7.9	7.1	6.1	5.2	65.3
46	109.1	106.1	178.4	8.7	8.0	7.2	6.2	5.4	66.7
47	111.4	108.4	174.5	8.9	8.2	7.4	6.4	5.5	68.2
48	113.8	110.8	170.7	9.1	8.4	7.6	6.5	5.6	69.6
49	116.2	113.2	167.1	9.2	8.6	7.7	6.6	5.7	71.1
50	118.5	115.5	163.7	9.4	8.8	7.9	6.8	5.8	72.5
51	120.9	117.9	160.4	9.6	8.9	8.1	6.9	6.0	74.0
52	123.3	120.3	157.3	9.8	9.1	8.2	7.1	6.1	75.4
53	125.7	122.7	154.2	10.0	9.3	8.4	7.2	6.2	76.9
54	128.0	125.0	151.3	10.2	9.5	8.5	7.3	6.3	78.3
55	130.4	127.4	148.5	10.4	9.7	8.7	7.5	6.4	79.8
56	132.8	129.8	145.8	10.6	9.8	8.9	7.6	6.6	81.2
57	135.1	132.1	143.2	10.8	10.0	9.0	7.8	6.7	82.7
58	137.5	134.5	140.6	11.0	10.2	9.2	7.9	6.8	84.1
59	139.9	136.9	138.2	11.2	10.4	9.4	8.0	6.9	85.6
60	142.2	139.2	135.8	11.4	10.5	9.5	8.2	7.0	87.0
61	144.6	141.6	133.6	11.6	10.7	9.7	8.3	7.2	88.5
62	147.0	144.0	131.4	11.8	10.9	9.8	8.4	7.3	89.9
63	149.4	146.4	129.2	12.0	11.1	10.0	8.6	7.4	91.4
64	151.7	148.7	127.2	12.2	11.3	10.2	8.7	7.5	92.8
65	154.1	151.1	125.2	12.3	11.4	10.3	8.9	7.6	94.3
66	156.5	153.5	123.3	12.5	11.6	10.5	9.0	7.8	95.7
67	158.8	155.8	121.4	12.7	11.8	10.6	9.1	7.9	97.2
68	161.2	158.2	119.6	12.9	12.0	10.8	9.3	8.0	98.6
69	163.6	160.6	117.8	13.1	12.2	11.0	9.4	8.1	100.1
70	166.0	163.0	116.1	13.3	12.3	11.1	9.6	8.2	101.5
71	168.3	165.3	114.4	13.5	12.5	11.3	9.7	8.3	103.0
72	170.7	167.7	112.8	13.7	12.7	11.5	9.8	8.5	104.4
73	173.1	170.1	111.2	13.9	12.9	11.6	10.0	8.6	105.9
74	175.4	172.4	109.7	14.1	13.1	11.8	10.1	8.7	107.3
75	177.8	174.8	108.2	14.3	13.2	11.9	10.3	8.8	108.8
76	180.2	177.2	106.8	14.5	13.4	12.1	10.4	8.9	110.2
77	182.6	179.6	105.4	14.7	13.6	12.3	10.5	9.1	111.7
78	184.9	181.9	104.0	14.9	13.8	12.4	10.7	9.2	113.2
79	187.3	184.3	102.6	15.1	14.0	12.6	10.8	9.3	114.6
80	189.7	186.7	101.3	15.2	14.1	12.8	11.0	9.4	116.1

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.5 Coil diameter (in)
 0.4305 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 20489 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.4832
				10	15	25	50	100	
				MIP (in*lbs)					
				1636	1517	1368	1175	1011	
			Turns on spring					Weight of spring (lbs)	
			(Turns)						
35	81.3	78.3	261.7	6.3	5.8	5.2	4.5	3.9	51.9
36	83.6	80.6	254.1	6.4	6.0	5.4	4.6	4.0	53.4
37	85.9	82.9	247.0	6.6	6.1	5.5	4.8	4.1	54.9
38	88.3	85.3	240.3	6.8	6.3	5.7	4.9	4.2	56.4
39	90.6	87.6	233.9	7.0	6.5	5.8	5.0	4.3	57.8
40	92.9	89.9	227.9	7.2	6.7	6.0	5.2	4.4	59.3
41	95.2	92.2	222.1	7.4	6.8	6.2	5.3	4.6	60.8
42	97.6	94.6	216.7	7.5	7.0	6.3	5.4	4.7	62.3
43	99.9	96.9	211.5	7.7	7.2	6.5	5.6	4.8	63.8
44	102.2	99.2	206.5	7.9	7.3	6.6	5.7	4.9	65.3
45	104.5	101.5	201.8	8.1	7.5	6.8	5.8	5.0	66.7
46	106.9	103.9	197.3	8.3	7.7	6.9	6.0	5.1	68.2
47	109.2	106.2	193.0	8.5	7.9	7.1	6.1	5.2	69.7
48	111.5	108.5	188.8	8.7	8.0	7.2	6.2	5.4	71.2
49	113.8	110.8	184.9	8.8	8.2	7.4	6.4	5.5	72.7
50	116.1	113.1	181.1	9.0	8.4	7.6	6.5	5.6	74.2
51	118.5	115.5	177.4	9.2	8.5	7.7	6.6	5.7	75.6
52	120.8	117.8	173.9	9.4	8.7	7.9	6.8	5.8	77.1
53	123.1	120.1	170.6	9.6	8.9	8.0	6.9	5.9	78.6
54	125.4	122.4	167.3	9.8	9.1	8.2	7.0	6.0	80.1
55	127.8	124.8	164.2	10.0	9.2	8.3	7.2	6.2	81.6
56	130.1	127.1	161.2	10.1	9.4	8.5	7.3	6.3	83.1
57	132.4	129.4	158.3	10.3	9.6	8.6	7.4	6.4	84.5
58	134.7	131.7	155.5	10.5	9.8	8.8	7.6	6.5	86.0
59	137.0	134.0	152.8	10.7	9.9	9.0	7.7	6.6	87.5
60	139.4	136.4	150.2	10.9	10.1	9.1	7.8	6.7	89.0
61	141.7	138.7	147.7	11.1	10.3	9.3	8.0	6.8	90.5
62	144.0	141.0	145.3	11.3	10.4	9.4	8.1	7.0	92.0
63	146.3	143.3	142.9	11.4	10.6	9.6	8.2	7.1	93.4
64	148.7	145.7	140.7	11.6	10.8	9.7	8.4	7.2	94.9
65	151.0	148.0	138.5	11.8	11.0	9.9	8.5	7.3	96.4
66	153.3	150.3	136.3	12.0	11.1	10.0	8.6	7.4	97.9
67	155.6	152.6	134.2	12.2	11.3	10.2	8.8	7.5	99.4
68	158.0	155.0	132.2	12.4	11.5	10.3	8.9	7.6	100.9
69	160.3	157.3	130.3	12.6	11.6	10.5	9.0	7.8	102.3
70	162.6	159.6	128.4	12.7	11.8	10.7	9.2	7.9	103.8
71	164.9	161.9	126.5	12.9	12.0	10.8	9.3	8.0	105.3
72	167.2	164.2	124.7	13.1	12.2	11.0	9.4	8.1	106.8
73	169.6	166.6	123.0	13.3	12.3	11.1	9.6	8.2	108.3
74	171.9	168.9	121.3	13.5	12.5	11.3	9.7	8.3	109.8
75	174.2	171.2	119.7	13.7	12.7	11.4	9.8	8.5	111.2
76	176.5	173.5	118.1	13.9	12.8	11.6	10.0	8.6	112.7
77	178.9	175.9	116.5	14.0	13.0	11.7	10.1	8.7	114.2
78	181.2	178.2	115.0	14.2	13.2	11.9	10.2	8.8	115.7
79	183.5	180.5	113.5	14.4	13.4	12.1	10.4	8.9	117.2
80	185.8	182.8	112.1	14.6	13.5	12.2	10.5	9.0	118.7
81	188.2	185.2	110.7	14.8	13.7	12.4	10.6	9.1	120.1
82	190.5	187.5	109.3	15.0	13.9	12.5	10.8	9.3	121.6

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.5 Coil diameter (in)
 0.4375 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 21823 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.5094 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				1711	1587	1431	1229	1058	
			Turns on spring						
			(Turns)						
37	84.6	81.6	267.5	6.4	5.9	5.3	4.6	4.0	55.8
38	86.9	83.9	260.2	6.6	6.1	5.5	4.7	4.1	57.4
39	89.1	86.1	253.3	6.8	6.3	5.6	4.9	4.2	58.9
40	91.4	88.4	246.8	6.9	6.4	5.8	5.0	4.3	60.4
41	93.7	90.7	240.6	7.1	6.6	5.9	5.1	4.4	61.9
42	96.0	93.0	234.7	7.3	6.8	6.1	5.2	4.5	63.4
43	98.3	95.3	229.0	7.5	6.9	6.2	5.4	4.6	64.9
44	100.6	97.6	223.7	7.7	7.1	6.4	5.5	4.7	66.4
45	102.9	99.9	218.5	7.8	7.3	6.5	5.6	4.8	67.9
46	105.1	102.1	213.7	8.0	7.4	6.7	5.8	5.0	69.4
47	107.4	104.4	209.0	8.2	7.6	6.8	5.9	5.1	70.9
48	109.7	106.7	204.5	8.4	7.8	7.0	6.0	5.2	72.5
49	112.0	109.0	200.2	8.5	7.9	7.1	6.1	5.3	74.0
50	114.3	111.3	196.1	8.7	8.1	7.3	6.3	5.4	75.5
51	116.6	113.6	192.2	8.9	8.3	7.4	6.4	5.5	77.0
52	118.9	115.9	188.4	9.1	8.4	7.6	6.5	5.6	78.5
53	121.1	118.1	184.7	9.3	8.6	7.7	6.7	5.7	80.0
54	123.4	120.4	181.2	9.4	8.8	7.9	6.8	5.8	81.5
55	125.7	122.7	177.8	9.6	8.9	8.0	6.9	5.9	83.0
56	128.0	125.0	174.6	9.8	9.1	8.2	7.0	6.1	84.5
57	130.3	127.3	171.5	10.0	9.3	8.3	7.2	6.2	86.0
58	132.6	129.6	168.4	10.2	9.4	8.5	7.3	6.3	87.5
59	134.9	131.9	165.5	10.3	9.6	8.6	7.4	6.4	89.1
60	137.1	134.1	162.7	10.5	9.8	8.8	7.6	6.5	90.6
61	139.4	136.4	160.0	10.7	9.9	8.9	7.7	6.6	92.1
62	141.7	138.7	157.3	10.9	10.1	9.1	7.8	6.7	93.6
63	144.0	141.0	154.8	11.1	10.3	9.2	7.9	6.8	95.1
64	146.3	143.3	152.3	11.2	10.4	9.4	8.1	6.9	96.6
65	148.6	145.6	149.9	11.4	10.6	9.5	8.2	7.1	98.1
66	150.9	147.9	147.6	11.6	10.8	9.7	8.3	7.2	99.6
67	153.1	150.1	145.4	11.8	10.9	9.8	8.5	7.3	101.1
68	155.4	152.4	143.2	12.0	11.1	10.0	8.6	7.4	102.6
69	157.7	154.7	141.1	12.1	11.2	10.1	8.7	7.5	104.2
70	160.0	157.0	139.0	12.3	11.4	10.3	8.8	7.6	105.7
71	162.3	159.3	137.0	12.5	11.6	10.4	9.0	7.7	107.2
72	164.6	161.6	135.1	12.7	11.7	10.6	9.1	7.8	108.7
73	166.9	163.9	133.2	12.8	11.9	10.7	9.2	7.9	110.2
74	169.1	166.1	131.4	13.0	12.1	10.9	9.4	8.1	111.7
75	171.4	168.4	129.6	13.2	12.2	11.0	9.5	8.2	113.2
76	173.7	170.7	127.8	13.4	12.4	11.2	9.6	8.3	114.7
77	176.0	173.0	126.1	13.6	12.6	11.3	9.7	8.4	116.2
78	178.3	175.3	124.5	13.7	12.7	11.5	9.9	8.5	117.7
79	180.6	177.6	122.9	13.9	12.9	11.6	10.0	8.6	119.2
80	182.9	179.9	121.3	14.1	13.1	11.8	10.1	8.7	120.8
81	185.1	182.1	119.8	14.3	13.2	11.9	10.3	8.8	122.3
82	187.4	184.4	118.3	14.5	13.4	12.1	10.4	8.9	123.8
83	189.7	186.7	116.9	14.6	13.6	12.2	10.5	9.1	125.3
84	192.0	189.0	115.5	14.8	13.7	12.4	10.6	9.2	126.8

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.5 Coil diameter (in)
 0.4531 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 25027 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.5682
				10	15	25	50	100	
				MIP (in*lbs)					
				1887	1750	1578	1355	1166	
			Turns on spring					Weight of spring (lbs)	
			(Turns)						
39	86.1	83.1	301.3	6.3	5.8	5.2	4.5	3.9	61.2
40	88.3	85.3	293.5	6.4	6.0	5.4	4.6	4.0	62.7
41	90.5	87.5	286.1	6.6	6.1	5.5	4.7	4.1	64.3
42	92.7	89.7	279.0	6.8	6.3	5.7	4.9	4.2	65.9
43	94.9	91.9	272.3	6.9	6.4	5.8	5.0	4.3	67.4
44	97.1	94.1	265.9	7.1	6.6	5.9	5.1	4.4	69.0
45	99.3	96.3	259.8	7.3	6.7	6.1	5.2	4.5	70.6
46	101.5	98.5	254.0	7.4	6.9	6.2	5.3	4.6	72.1
47	103.7	100.7	248.5	7.6	7.0	6.4	5.5	4.7	73.7
48	105.9	102.9	243.1	7.8	7.2	6.5	5.6	4.8	75.3
49	108.1	105.1	238.0	7.9	7.4	6.6	5.7	4.9	76.8
50	110.4	107.4	233.1	8.1	7.5	6.8	5.8	5.0	78.4
51	112.6	109.6	228.4	8.3	7.7	6.9	5.9	5.1	80.0
52	114.8	111.8	223.9	8.4	7.8	7.0	6.1	5.2	81.5
53	117.0	114.0	219.6	8.6	8.0	7.2	6.2	5.3	83.1
54	119.2	116.2	215.4	8.8	8.1	7.3	6.3	5.4	84.7
55	121.4	118.4	211.4	8.9	8.3	7.5	6.4	5.5	86.3
56	123.6	120.6	207.5	9.1	8.4	7.6	6.5	5.6	87.8
57	125.8	122.8	203.8	9.3	8.6	7.7	6.6	5.7	89.4
58	128.0	125.0	200.2	9.4	8.7	7.9	6.8	5.8	91.0
59	130.2	127.2	196.7	9.6	8.9	8.0	6.9	5.9	92.5
60	132.4	129.4	193.4	9.8	9.0	8.2	7.0	6.0	94.1
61	134.6	131.6	190.1	9.9	9.2	8.3	7.1	6.1	95.7
62	136.8	133.8	187.0	10.1	9.4	8.4	7.2	6.2	97.2
63	139.0	136.0	184.0	10.3	9.5	8.6	7.4	6.3	98.8
64	141.2	138.2	181.0	10.4	9.7	8.7	7.5	6.4	100.4
65	143.5	140.5	178.2	10.6	9.8	8.9	7.6	6.5	101.9
66	145.7	142.7	175.4	10.8	10.0	9.0	7.7	6.6	103.5
67	147.9	144.9	172.8	10.9	10.1	9.1	7.8	6.8	105.1
68	150.1	147.1	170.2	11.1	10.3	9.3	8.0	6.9	106.6
69	152.3	149.3	167.7	11.3	10.4	9.4	8.1	7.0	108.2
70	154.5	151.5	165.2	11.4	10.6	9.6	8.2	7.1	109.8
71	156.7	153.7	162.8	11.6	10.7	9.7	8.3	7.2	111.3
72	158.9	155.9	160.5	11.8	10.9	9.8	8.4	7.3	112.9
73	161.1	158.1	158.3	11.9	11.1	10.0	8.6	7.4	114.5
74	163.3	160.3	156.1	12.1	11.2	10.1	8.7	7.5	116.0
75	165.5	162.5	154.0	12.3	11.4	10.2	8.8	7.6	117.6
76	167.7	164.7	151.9	12.4	11.5	10.4	8.9	7.7	119.2
77	169.9	166.9	149.9	12.6	11.7	10.5	9.0	7.8	120.8
78	172.1	169.1	148.0	12.8	11.8	10.7	9.2	7.9	122.3
79	174.4	171.4	146.1	12.9	12.0	10.8	9.3	8.0	123.9
80	176.6	173.6	144.2	13.1	12.1	10.9	9.4	8.1	125.5
81	178.8	175.8	142.4	13.3	12.3	11.1	9.5	8.2	127.0
82	181.0	178.0	140.6	13.4	12.4	11.2	9.6	8.3	128.6
83	183.2	180.2	138.9	13.6	12.6	11.4	9.8	8.4	130.2
84	185.4	182.4	137.2	13.8	12.8	11.5	9.9	8.5	131.7
85	187.6	184.6	135.6	13.9	12.9	11.6	10.0	8.6	133.3
86	189.8	186.8	134.0	14.1	13.1	11.8	10.1	8.7	134.9

Material: Oil tempered wire

mai

CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.4615 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 26890 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.6000 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				1986	1842	1661	1426	1228	
			Turns on spring						
			(Turns)						
42	91.0	88.0	305.5	6.5	6.0	5.4	4.7	4.0	67.2
43	93.2	90.2	298.2	6.7	6.2	5.6	4.8	4.1	68.8
44	95.3	92.3	291.2	6.8	6.3	5.7	4.9	4.2	70.4
45	97.5	94.5	284.5	7.0	6.5	5.8	5.0	4.3	72.0
46	99.7	96.7	278.2	7.1	6.6	6.0	5.1	4.4	73.6
47	101.8	98.8	272.1	7.3	6.8	6.1	5.2	4.5	75.2
48	104.0	101.0	266.2	7.5	6.9	6.2	5.4	4.6	76.8
49	106.2	103.2	260.6	7.6	7.1	6.4	5.5	4.7	78.4
50	108.3	105.3	255.3	7.8	7.2	6.5	5.6	4.8	80.0
51	110.5	107.5	250.1	7.9	7.4	6.6	5.7	4.9	81.6
52	112.7	109.7	245.2	8.1	7.5	6.8	5.8	5.0	83.2
53	114.8	111.8	240.4	8.3	7.7	6.9	5.9	5.1	84.8
54	117.0	114.0	235.9	8.4	7.8	7.0	6.0	5.2	86.4
55	119.2	116.2	231.5	8.6	8.0	7.2	6.2	5.3	88.0
56	121.3	118.3	227.2	8.7	8.1	7.3	6.3	5.4	89.6
57	123.5	120.5	223.1	8.9	8.3	7.4	6.4	5.5	91.2
58	125.7	122.7	219.2	9.1	8.4	7.6	6.5	5.6	92.8
59	127.8	124.8	215.4	9.2	8.6	7.7	6.6	5.7	94.4
60	130.0	127.0	211.7	9.4	8.7	7.8	6.7	5.8	96.0
61	132.2	129.2	208.2	9.5	8.8	8.0	6.9	5.9	97.6
62	134.3	131.3	204.7	9.7	9.0	8.1	7.0	6.0	99.2
63	136.5	133.5	201.4	9.9	9.1	8.2	7.1	6.1	100.8
64	138.7	135.7	198.2	10.0	9.3	8.4	7.2	6.2	102.4
65	140.8	137.8	195.1	10.2	9.4	8.5	7.3	6.3	104.0
66	143.0	140.0	192.1	10.3	9.6	8.6	7.4	6.4	105.6
67	145.2	142.2	189.1	10.5	9.7	8.8	7.5	6.5	107.2
68	147.3	144.3	186.3	10.7	9.9	8.9	7.7	6.6	108.8
69	149.5	146.5	183.5	10.8	10.0	9.1	7.8	6.7	110.4
70	151.7	148.7	180.9	11.0	10.2	9.2	7.9	6.8	112.0
71	153.8	150.8	178.3	11.1	10.3	9.3	8.0	6.9	113.6
72	156.0	153.0	175.7	11.3	10.5	9.5	8.1	7.0	115.2
73	158.2	155.2	173.3	11.5	10.6	9.6	8.2	7.1	116.8
74	160.3	157.3	170.9	11.6	10.8	9.7	8.3	7.2	118.4
75	162.5	159.5	168.6	11.8	10.9	9.9	8.5	7.3	120.0
76	164.7	161.7	166.3	11.9	11.1	10.0	8.6	7.4	121.6
77	166.8	163.8	164.1	12.1	11.2	10.1	8.7	7.5	123.2
78	169.0	166.0	162.0	12.3	11.4	10.3	8.8	7.6	124.8
79	171.2	168.2	159.9	12.4	11.5	10.4	8.9	7.7	126.4
80	173.3	170.3	157.9	12.6	11.7	10.5	9.0	7.8	128.0
81	175.5	172.5	155.9	12.7	11.8	10.7	9.2	7.9	129.6
82	177.7	174.7	153.9	12.9	12.0	10.8	9.3	8.0	131.2
83	179.8	176.8	152.1	13.1	12.1	10.9	9.4	8.1	132.8
84	182.0	179.0	150.2	13.2	12.3	11.1	9.5	8.2	134.4
85	184.2	181.2	148.4	13.4	12.4	11.2	9.6	8.3	136.0
86	186.3	183.3	146.7	13.5	12.6	11.3	9.7	8.4	137.6
87	188.5	185.5	144.9	13.7	12.7	11.5	9.8	8.5	139.2
88	190.7	187.7	143.3	13.9	12.9	11.6	10.0	8.6	140.8
89	192.8	189.8	141.6	14.0	13.0	11.7	10.1	8.7	142.4

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.4687 Wire diameter (in)
 3 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 28566 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.6273 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				2074	1923	1734	1489	1282	
			Turns on spring						
			(Turns)						
43	91.7	88.7	321.9	6.4	6.0	5.4	4.6	4.0	70.0
44	93.9	90.9	314.3	6.6	6.1	5.5	4.7	4.1	71.6
45	96.0	93.0	307.1	6.8	6.3	5.6	4.8	4.2	73.2
46	98.1	95.1	300.2	6.9	6.4	5.8	5.0	4.3	74.9
47	100.3	97.3	293.7	7.1	6.5	5.9	5.1	4.4	76.5
48	102.4	99.4	287.4	7.2	6.7	6.0	5.2	4.5	78.1
49	104.5	101.5	281.3	7.4	6.8	6.2	5.3	4.6	79.7
50	106.7	103.7	275.5	7.5	7.0	6.3	5.4	4.7	81.4
51	108.8	105.8	270.0	7.7	7.1	6.4	5.5	4.7	83.0
52	110.9	107.9	264.6	7.8	7.3	6.6	5.6	4.8	84.6
53	113.1	110.1	259.5	8.0	7.4	6.7	5.7	4.9	86.2
54	115.2	112.2	254.6	8.1	7.6	6.8	5.9	5.0	87.9
55	117.3	114.3	249.8	8.3	7.7	6.9	6.0	5.1	89.5
56	119.5	116.5	245.2	8.5	7.8	7.1	6.1	5.2	91.1
57	121.6	118.6	240.8	8.6	8.0	7.2	6.2	5.3	92.8
58	123.7	120.7	236.6	8.8	8.1	7.3	6.3	5.4	94.4
59	125.9	122.9	232.5	8.9	8.3	7.5	6.4	5.5	96.0
60	128.0	125.0	228.5	9.1	8.4	7.6	6.5	5.6	97.6
61	130.1	127.1	224.7	9.2	8.6	7.7	6.6	5.7	99.3
62	132.3	129.3	221.0	9.4	8.7	7.8	6.7	5.8	100.9
63	134.4	131.4	217.4	9.5	8.8	8.0	6.9	5.9	102.5
64	136.5	133.5	213.9	9.7	9.0	8.1	7.0	6.0	104.1
65	138.7	135.7	210.5	9.8	9.1	8.2	7.1	6.1	105.8
66	140.8	137.8	207.3	10.0	9.3	8.4	7.2	6.2	107.4
67	142.9	139.9	204.1	10.2	9.4	8.5	7.3	6.3	109.0
68	145.1	142.1	201.1	10.3	9.6	8.6	7.4	6.4	110.7
69	147.2	144.2	198.1	10.5	9.7	8.8	7.5	6.5	112.3
70	149.3	146.3	195.2	10.6	9.9	8.9	7.6	6.6	113.9
71	151.5	148.5	192.4	10.8	10.0	9.0	7.7	6.7	115.5
72	153.6	150.6	189.7	10.9	10.1	9.1	7.9	6.8	117.2
73	155.7	152.7	187.0	11.1	10.3	9.3	8.0	6.9	118.8
74	157.9	154.9	184.4	11.2	10.4	9.4	8.1	7.0	120.4
75	160.0	157.0	181.9	11.4	10.6	9.5	8.2	7.0	122.0
76	162.2	159.2	179.5	11.6	10.7	9.7	8.3	7.1	123.7
77	164.3	161.3	177.1	11.7	10.9	9.8	8.4	7.2	125.3
78	166.4	163.4	174.8	11.9	11.0	9.9	8.5	7.3	126.9
79	168.6	165.6	172.6	12.0	11.1	10.1	8.6	7.4	128.6
80	170.7	167.7	170.4	12.2	11.3	10.2	8.7	7.5	130.2
81	172.8	169.8	168.2	12.3	11.4	10.3	8.9	7.6	131.8
82	175.0	172.0	166.1	12.5	11.6	10.4	9.0	7.7	133.4
83	177.1	174.1	164.1	12.6	11.7	10.6	9.1	7.8	135.1
84	179.2	176.2	162.1	12.8	11.9	10.7	9.2	7.9	136.7
85	181.4	178.4	160.2	12.9	12.0	10.8	9.3	8.0	138.3
86	183.5	180.5	158.3	13.1	12.1	11.0	9.4	8.1	139.9
87	185.6	182.6	156.4	13.3	12.3	11.1	9.5	8.2	141.6
88	187.8	184.8	154.6	13.4	12.4	11.2	9.6	8.3	143.2
89	189.9	186.9	152.9	13.6	12.6	11.3	9.7	8.4	144.8
90	192.0	189.0	151.1	13.7	12.7	11.5	9.9	8.5	146.5

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.4844 Wire diameter (in)
 3 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)					
				32488	2274	2108	1901		1633
		IPPT	Turns on spring					Weight of spring (lbs)	
		(in*lbs/turn)	(Turns)						
46	95.0	92.0	353.3	6.4	6.0	5.4	4.6	4.0	77.6
47	97.0	94.0	345.5	6.6	6.1	5.5	4.7	4.1	79.3
48	99.1	96.1	338.1	6.7	6.2	5.6	4.8	4.2	81.0
49	101.2	98.2	331.0	6.9	6.4	5.7	4.9	4.2	82.7
50	103.2	100.2	324.2	7.0	6.5	5.9	5.0	4.3	84.4
51	105.3	102.3	317.6	7.2	6.6	6.0	5.1	4.4	86.0
52	107.3	104.3	311.3	7.3	6.8	6.1	5.2	4.5	87.7
53	109.4	106.4	305.3	7.4	6.9	6.2	5.3	4.6	89.4
54	111.5	108.5	299.5	7.6	7.0	6.3	5.5	4.7	91.1
55	113.5	110.5	293.9	7.7	7.2	6.5	5.6	4.8	92.8
56	115.6	112.6	288.5	7.9	7.3	6.6	5.7	4.9	94.5
57	117.7	114.7	283.3	8.0	7.4	6.7	5.8	5.0	96.2
58	119.7	116.7	278.3	8.2	7.6	6.8	5.9	5.1	97.9
59	121.8	118.8	273.5	8.3	7.7	7.0	6.0	5.1	99.5
60	123.9	120.9	268.8	8.5	7.8	7.1	6.1	5.2	101.2
61	125.9	122.9	264.3	8.6	8.0	7.2	6.2	5.3	102.9
62	128.0	125.0	259.9	8.7	8.1	7.3	6.3	5.4	104.6
63	130.1	127.1	255.7	8.9	8.2	7.4	6.4	5.5	106.3
64	132.1	129.1	251.6	9.0	8.4	7.6	6.5	5.6	108.0
65	134.2	131.2	247.6	9.2	8.5	7.7	6.6	5.7	109.7
66	136.3	133.3	243.8	9.3	8.6	7.8	6.7	5.8	111.4
67	138.3	135.3	240.1	9.5	8.8	7.9	6.8	5.9	113.0
68	140.4	137.4	236.5	9.6	8.9	8.0	6.9	5.9	114.7
69	142.4	139.4	233.0	9.8	9.0	8.2	7.0	6.0	116.4
70	144.5	141.5	229.6	9.9	9.2	8.3	7.1	6.1	118.1
71	146.6	143.6	226.3	10.0	9.3	8.4	7.2	6.2	119.8
72	148.6	145.6	223.1	10.2	9.5	8.5	7.3	6.3	121.5
73	150.7	147.7	220.0	10.3	9.6	8.6	7.4	6.4	123.2
74	152.8	149.8	216.9	10.5	9.7	8.8	7.5	6.5	124.8
75	154.8	151.8	214.0	10.6	9.9	8.9	7.6	6.6	126.5
76	156.9	153.9	211.1	10.8	10.0	9.0	7.7	6.7	128.2
77	159.0	156.0	208.3	10.9	10.1	9.1	7.8	6.7	129.9
78	161.0	158.0	205.6	11.1	10.3	9.2	7.9	6.8	131.6
79	163.1	160.1	202.9	11.2	10.4	9.4	8.0	6.9	133.3
80	165.2	162.2	200.4	11.3	10.5	9.5	8.1	7.0	135.0
81	167.2	164.2	197.8	11.5	10.7	9.6	8.3	7.1	136.7
82	169.3	166.3	195.4	11.6	10.8	9.7	8.4	7.2	138.3
83	171.3	168.3	193.0	11.8	10.9	9.9	8.5	7.3	140.0
84	173.4	170.4	190.6	11.9	11.1	10.0	8.6	7.4	141.7
85	175.5	172.5	188.4	12.1	11.2	10.1	8.7	7.5	143.4
86	177.5	174.5	186.1	12.2	11.3	10.2	8.8	7.6	145.1
87	179.6	176.6	184.0	12.4	11.5	10.3	8.9	7.6	146.8
88	181.7	178.7	181.8	12.5	11.6	10.5	9.0	7.7	148.5
89	183.7	180.7	179.8	12.6	11.7	10.6	9.1	7.8	150.2
90	185.8	182.8	177.7	12.8	11.9	10.7	9.2	7.9	151.8
91	187.9	184.9	175.7	12.9	12.0	10.8	9.3	8.0	153.5
92	189.9	186.9	173.8	13.1	12.1	10.9	9.4	8.1	155.2
93	192.0	189.0	171.9	13.2	12.3	11.1	9.5	8.2	156.9

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.4900 Wire diameter (in)
 3 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)
			33978	2348	2177	1963	1686	1451	1.7086
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/turn)	(Turns)					(lbs)
48	98.0	95.0	357.8	6.6	6.1	5.5	4.7	4.1	82.0
49	100.0	97.0	350.3	6.7	6.2	5.6	4.8	4.1	83.7
50	102.0	99.0	343.1	6.8	6.3	5.7	4.9	4.2	85.4
51	104.1	101.1	336.1	7.0	6.5	5.8	5.0	4.3	87.1
52	106.1	103.1	329.5	7.1	6.6	6.0	5.1	4.4	88.8
53	108.2	105.2	323.1	7.3	6.7	6.1	5.2	4.5	90.6
54	110.2	107.2	317.0	7.4	6.9	6.2	5.3	4.6	92.3
55	112.2	109.2	311.0	7.5	7.0	6.3	5.4	4.7	94.0
56	114.3	111.3	305.3	7.7	7.1	6.4	5.5	4.8	95.7
57	116.3	113.3	299.8	7.8	7.3	6.5	5.6	4.8	97.4
58	118.4	115.4	294.5	8.0	7.4	6.7	5.7	4.9	99.1
59	120.4	117.4	289.4	8.1	7.5	6.8	5.8	5.0	100.8
60	122.4	119.4	284.5	8.3	7.7	6.9	5.9	5.1	102.5
61	124.5	121.5	279.7	8.4	7.8	7.0	6.0	5.2	104.2
62	126.5	123.5	275.1	8.5	7.9	7.1	6.1	5.3	105.9
63	128.6	125.6	270.6	8.7	8.0	7.3	6.2	5.4	107.6
64	130.6	127.6	266.3	8.8	8.2	7.4	6.3	5.5	109.3
65	132.7	129.7	262.1	9.0	8.3	7.5	6.4	5.5	111.1
66	134.7	131.7	258.0	9.1	8.4	7.6	6.5	5.6	112.8
67	136.7	133.7	254.1	9.2	8.6	7.7	6.6	5.7	114.5
68	138.8	135.8	250.3	9.4	8.7	7.8	6.7	5.8	116.2
69	140.8	137.8	246.5	9.5	8.8	8.0	6.8	5.9	117.9
70	142.9	139.9	243.0	9.7	9.0	8.1	6.9	6.0	119.6
71	144.9	141.9	239.5	9.8	9.1	8.2	7.0	6.1	121.3
72	146.9	143.9	236.1	9.9	9.2	8.3	7.1	6.1	123.0
73	149.0	146.0	232.8	10.1	9.4	8.4	7.2	6.2	124.7
74	151.0	148.0	229.6	10.2	9.5	8.6	7.3	6.3	126.4
75	153.1	150.1	226.4	10.4	9.6	8.7	7.4	6.4	128.1
76	155.1	152.1	223.4	10.5	9.7	8.8	7.5	6.5	129.9
77	157.1	154.1	220.4	10.6	9.9	8.9	7.6	6.6	131.6
78	159.2	156.2	217.6	10.8	10.0	9.0	7.7	6.7	133.3
79	161.2	158.2	214.7	10.9	10.1	9.1	7.9	6.8	135.0
80	163.3	160.3	212.0	11.1	10.3	9.3	8.0	6.8	136.7
81	165.3	162.3	209.3	11.2	10.4	9.4	8.1	6.9	138.4
82	167.3	164.3	206.7	11.4	10.5	9.5	8.2	7.0	140.1
83	169.4	166.4	204.2	11.5	10.7	9.6	8.3	7.1	141.8
84	171.4	168.4	201.7	11.6	10.8	9.7	8.4	7.2	143.5
85	173.5	170.5	199.3	11.8	10.9	9.9	8.5	7.3	145.2
86	175.5	172.5	197.0	11.9	11.1	10.0	8.6	7.4	146.9
87	177.6	174.6	194.7	12.1	11.2	10.1	8.7	7.5	148.6
88	179.6	176.6	192.4	12.2	11.3	10.2	8.8	7.5	150.4
89	181.6	178.6	190.2	12.3	11.4	10.3	8.9	7.6	152.1
90	183.7	180.7	188.1	12.5	11.6	10.4	9.0	7.7	153.8
91	185.7	182.7	186.0	12.6	11.7	10.6	9.1	7.8	155.5
92	187.8	184.8	183.9	12.8	11.8	10.7	9.2	7.9	157.2
93	189.8	186.8	181.9	12.9	12.0	10.8	9.3	8.0	158.9
94	191.8	188.8	179.9	13.0	12.1	10.9	9.4	8.1	160.6
95	193.9	190.9	178.0	13.2	12.2	11.0	9.5	8.2	162.3

Material: Oil tempered wire

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CANIMEX SPRING CHARTS

4.500 Coil diameter (in)
 0.5000 Wire diameter (in)
 3 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)					
				36764	2484	2303	2077		1784
IPPT	Turns on spring					Weight of spring (lbs)			
(in.)			(in*lbs/turn)	(Turns)					(lbs)
50	100.0	97.0	379.0	6.6	6.1	5.5	4.7	4.1	87.3
51	102.0	99.0	371.4	6.7	6.2	5.6	4.8	4.1	89.1
52	104.0	101.0	364.0	6.8	6.3	5.7	4.9	4.2	90.8
53	106.0	103.0	356.9	7.0	6.5	5.8	5.0	4.3	92.6
54	108.0	105.0	350.1	7.1	6.6	5.9	5.1	4.4	94.3
55	110.0	107.0	343.6	7.2	6.7	6.0	5.2	4.5	96.1
56	112.0	109.0	337.3	7.4	6.8	6.2	5.3	4.6	97.8
57	114.0	111.0	331.2	7.5	7.0	6.3	5.4	4.6	99.6
58	116.0	113.0	325.4	7.6	7.1	6.4	5.5	4.7	101.3
59	118.0	115.0	319.7	7.8	7.2	6.5	5.6	4.8	103.1
60	120.0	117.0	314.2	7.9	7.3	6.6	5.7	4.9	104.8
61	122.0	119.0	308.9	8.0	7.5	6.7	5.8	5.0	106.6
62	124.0	121.0	303.8	8.2	7.6	6.8	5.9	5.1	108.3
63	126.0	123.0	298.9	8.3	7.7	6.9	6.0	5.1	110.1
64	128.0	125.0	294.1	8.4	7.8	7.1	6.1	5.2	111.8
65	130.0	127.0	289.5	8.6	8.0	7.2	6.2	5.3	113.5
66	132.0	129.0	285.0	8.7	8.1	7.3	6.3	5.4	115.3
67	134.0	131.0	280.6	8.9	8.2	7.4	6.4	5.5	117.0
68	136.0	133.0	276.4	9.0	8.3	7.5	6.5	5.6	118.8
69	138.0	135.0	272.3	9.1	8.5	7.6	6.6	5.6	120.5
70	140.0	137.0	268.4	9.3	8.6	7.7	6.6	5.7	122.3
71	142.0	139.0	264.5	9.4	8.7	7.9	6.7	5.8	124.0
72	144.0	141.0	260.7	9.5	8.8	8.0	6.8	5.9	125.8
73	146.0	143.0	257.1	9.7	9.0	8.1	6.9	6.0	127.5
74	148.0	145.0	253.5	9.8	9.1	8.2	7.0	6.1	129.3
75	150.0	147.0	250.1	9.9	9.2	8.3	7.1	6.1	131.0
76	152.0	149.0	246.7	10.1	9.3	8.4	7.2	6.2	132.8
77	154.0	151.0	243.5	10.2	9.5	8.5	7.3	6.3	134.5
78	156.0	153.0	240.3	10.3	9.6	8.6	7.4	6.4	136.3
79	158.0	155.0	237.2	10.5	9.7	8.8	7.5	6.5	138.0
80	160.0	157.0	234.2	10.6	9.8	8.9	7.6	6.6	139.8
81	162.0	159.0	231.2	10.7	10.0	9.0	7.7	6.6	141.5
82	164.0	161.0	228.4	10.9	10.1	9.1	7.8	6.7	143.2
83	166.0	163.0	225.6	11.0	10.2	9.2	7.9	6.8	145.0
84	168.0	165.0	222.8	11.1	10.3	9.3	8.0	6.9	146.7
85	170.0	167.0	220.1	11.3	10.5	9.4	8.1	7.0	148.5
86	172.0	169.0	217.5	11.4	10.6	9.5	8.2	7.1	150.2
87	174.0	171.0	215.0	11.6	10.7	9.7	8.3	7.1	152.0
88	176.0	173.0	212.5	11.7	10.8	9.8	8.4	7.2	153.7
89	178.0	175.0	210.1	11.8	11.0	9.9	8.5	7.3	155.5
90	180.0	177.0	207.7	12.0	11.1	10.0	8.6	7.4	157.2
91	182.0	179.0	205.4	12.1	11.2	10.1	8.7	7.5	159.0
92	184.0	181.0	203.1	12.2	11.3	10.2	8.8	7.6	160.7
93	186.0	183.0	200.9	12.4	11.5	10.3	8.9	7.6	162.5
94	188.0	185.0	198.7	12.5	11.6	10.5	9.0	7.7	164.2
95	190.0	187.0	196.6	12.6	11.7	10.6	9.1	7.8	166.0
96	192.0	189.0	194.5	12.8	11.8	10.7	9.2	7.9	167.7
97	194.0	191.0	192.5	12.9	12.0	10.8	9.3	8.0	169.5

Material: Oil tempered wire

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