

# CANIMEX SPRING CHARTS

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

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	Weight of spring (lbs)	
			Rate (in*lbs*coil/turn)	10	15	25	50			100
				MIP (in*lbs)						
				1809	247	229	207			178
IPPT			Turns on spring							
(in*lbs/turn)			(Turns)							
9	41.2	36.2	50.0	4.9	4.6	4.1	3.5	3.1	5.1	
10	45.7	40.7	44.4	5.6	5.2	4.7	4.0	3.4	5.7	
11	50.3	45.3	39.9	6.2	5.7	5.2	4.4	3.8	6.3	
12	54.9	49.9	36.3	6.8	6.3	5.7	4.9	4.2	6.8	
13	59.4	54.4	33.2	7.4	6.9	6.2	5.3	4.6	7.4	
14	64.0	59.0	30.7	8.1	7.5	6.7	5.8	5.0	8.0	
15	68.6	63.6	28.5	8.7	8.1	7.3	6.2	5.4	8.5	
16	73.2	68.2	26.5	9.3	8.6	7.8	6.7	5.8	9.1	
17	77.7	72.7	24.9	9.9	9.2	8.3	7.1	6.1	9.7	
18	82.3	77.3	23.4	10.6	9.8	8.8	7.6	6.5	10.2	
19	86.9	81.9	22.1	11.2	10.4	9.4	8.0	6.9	10.8	
20	91.4	86.4	20.9	11.8	11.0	9.9	8.5	7.3	11.4	
21	96.0	91.0	19.9	12.4	11.5	10.4	8.9	7.7	11.9	
22	100.6	95.6	18.9	13.1	12.1	10.9	9.4	8.1	12.5	
23	105.2	100.2	18.1	13.7	12.7	11.4	9.8	8.5	13.1	
24	109.7	104.7	17.3	14.3	13.3	12.0	10.3	8.8	13.6	
25	114.3	109.3	16.6	14.9	13.8	12.5	10.7	9.2	14.2	
26	118.9	113.9	15.9	15.6	14.4	13.0	11.2	9.6	14.8	
27	123.5	118.5	15.3	16.2	15.0	13.5	11.6	10.0	15.3	
28	128.0	123.0	14.7	16.8	15.6	14.1	12.1	10.4	15.9	
29	132.6	127.6	14.2	17.4	16.2	14.6	12.5	10.8	16.5	
30	137.2	132.2	13.7	18.1	16.7	15.1	13.0	11.2	17.0	
31	141.7	136.7	13.2	18.7	17.3	15.6	13.4	11.6	17.6	
32	146.3	141.3	12.8	19.3	17.9	16.1	13.9	11.9	18.2	
33	150.9	145.9	12.4	19.9	18.5	16.7	14.3	12.3	18.8	
34	155.5	150.5	12.0	20.6	19.1	17.2	14.8	12.7	19.3	
35	160.0	155.0	11.7	21.2	19.6	17.7	15.2	13.1	19.9	
36	164.6	159.6	11.3	21.8	20.2	18.2	15.7	13.5	20.5	
37	169.2	164.2	11.0	22.4	20.8	18.8	16.1	13.9	21.0	
38	173.8	168.8	10.7	23.1	21.4	19.3	16.6	14.3	21.6	
39	178.3	173.3	10.4	23.7	22.0	19.8	17.0	14.6	22.2	
40	182.9	177.9	10.2	24.3	22.5	20.3	17.5	15.0	22.7	
41	187.5	182.5	9.9	24.9	23.1	20.9	17.9	15.4	23.3	
42	192.0	187.0	9.7	25.6	23.7	21.4	18.4	15.8	23.9	
43	196.6	191.6	9.4	26.2	24.3	21.9	18.8	16.2	24.4	
44	201.2	196.2	9.2	26.8	24.9	22.4	19.3	16.6	25.0	
45	205.8	200.8	9.0	27.4	25.4	22.9	19.7	17.0	25.6	
46	210.3	205.3	8.8	28.1	26.0	23.5	20.1	17.3	26.1	
47	214.9	209.9	8.6	28.7	26.6	24.0	20.6	17.7	26.7	
48	219.5	214.5	8.4	29.3	27.2	24.5	21.0	18.1	27.3	
49	224.1	219.1	8.3	29.9	27.8	25.0	21.5	18.5	27.8	
50	228.6	223.6	8.1	30.6	28.3	25.6	21.9	18.9	28.4	
51	233.2	228.2	7.9	31.2	28.9	26.1	22.4	19.3	29.0	
52	237.8	232.8	7.8	31.8	29.5	26.6	22.8	19.7	29.6	
53	242.3	237.3	7.6	32.4	30.1	27.1	23.3	20.0	30.1	
54	246.9	241.9	7.5	33.1	30.6	27.6	23.7	20.4	30.7	
55	251.5	246.5	7.3	33.7	31.2	28.2	24.2	20.8	31.3	
56	256.1	251.1	7.2	34.3	31.8	28.7	24.6	21.2	31.8	

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

3.500 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)	Weight of spring (lbs)	
			Rate (in*lbs*coil/turn) 2034 IPPT	MIP (in*lbs)						
				Turns on spring						
				10	15	25	50			100
			269	249	225	193	166	0.5865		
			(in*lbs/turn)	(Turns)						
10	44.4	39.4	51.7	5.2	4.8	4.3	3.7	3.2	5.9	
11	48.8	43.8	46.4	5.8	5.4	4.8	4.2	3.6	6.5	
12	53.3	48.3	42.1	6.4	5.9	5.3	4.6	3.9	7.0	
13	57.7	52.7	38.6	7.0	6.5	5.8	5.0	4.3	7.6	
14	62.1	57.1	35.6	7.5	7.0	6.3	5.4	4.7	8.2	
15	66.6	61.6	33.0	8.1	7.5	6.8	5.8	5.0	8.8	
16	71.0	66.0	30.8	8.7	8.1	7.3	6.3	5.4	9.4	
17	75.5	70.5	28.9	9.3	8.6	7.8	6.7	5.8	10.0	
18	79.9	74.9	27.2	9.9	9.2	8.3	7.1	6.1	10.6	
19	84.3	79.3	25.6	10.5	9.7	8.8	7.5	6.5	11.1	
20	88.8	83.8	24.3	11.1	10.3	9.3	7.9	6.8	11.7	
21	93.2	88.2	23.1	11.6	10.8	9.7	8.4	7.2	12.3	
22	97.6	92.6	22.0	12.2	11.3	10.2	8.8	7.6	12.9	
23	102.1	97.1	21.0	12.8	11.9	10.7	9.2	7.9	13.5	
24	106.5	101.5	20.0	13.4	12.4	11.2	9.6	8.3	14.1	
25	111.0	106.0	19.2	14.0	13.0	11.7	10.0	8.6	14.7	
26	115.4	110.4	18.4	14.6	13.5	12.2	10.5	9.0	15.2	
27	119.8	114.8	17.7	15.2	14.1	12.7	10.9	9.4	15.8	
28	124.3	119.3	17.1	15.7	14.6	13.2	11.3	9.7	16.4	
29	128.7	123.7	16.4	16.3	15.1	13.7	11.7	10.1	17.0	
30	133.2	128.2	15.9	16.9	15.7	14.2	12.2	10.5	17.6	
31	137.6	132.6	15.3	17.5	16.2	14.6	12.6	10.8	18.2	
32	142.0	137.0	14.8	18.1	16.8	15.1	13.0	11.2	18.8	
33	146.5	141.5	14.4	18.7	17.3	15.6	13.4	11.5	19.4	
34	150.9	145.9	13.9	19.3	17.9	16.1	13.8	11.9	19.9	
35	155.3	150.3	13.5	19.9	18.4	16.6	14.3	12.3	20.5	
36	159.8	154.8	13.1	20.4	19.0	17.1	14.7	12.6	21.1	
37	164.2	159.2	12.8	21.0	19.5	17.6	15.1	13.0	21.7	
38	168.7	163.7	12.4	21.6	20.0	18.1	15.5	13.4	22.3	
39	173.1	168.1	12.1	22.2	20.6	18.6	15.9	13.7	22.9	
40	177.5	172.5	11.8	22.8	21.1	19.1	16.4	14.1	23.5	
41	182.0	177.0	11.5	23.4	21.7	19.5	16.8	14.4	24.0	
42	186.4	181.4	11.2	24.0	22.2	20.0	17.2	14.8	24.6	
43	190.9	185.9	10.9	24.5	22.8	20.5	17.6	15.2	25.2	
44	195.3	190.3	10.7	25.1	23.3	21.0	18.0	15.5	25.8	
45	199.7	194.7	10.4	25.7	23.8	21.5	18.5	15.9	26.4	
46	204.2	199.2	10.2	26.3	24.4	22.0	18.9	16.3	27.0	
47	208.6	203.6	10.0	26.9	24.9	22.5	19.3	16.6	27.6	
48	213.0	208.0	9.8	27.5	25.5	23.0	19.7	17.0	28.2	
49	217.5	212.5	9.6	28.1	26.0	23.5	20.2	17.3	28.7	
50	221.9	216.9	9.4	28.6	26.6	24.0	20.6	17.7	29.3	
51	226.4	221.4	9.2	29.2	27.1	24.4	21.0	18.1	29.9	
52	230.8	225.8	9.0	29.8	27.6	24.9	21.4	18.4	30.5	
53	235.2	230.2	8.8	30.4	28.2	25.4	21.8	18.8	31.1	
54	239.7	234.7	8.7	31.0	28.7	25.9	22.3	19.2	31.7	
55	244.1	239.1	8.5	31.6	29.3	26.4	22.7	19.5	32.3	
56	248.6	243.6	8.4	32.2	29.8	26.9	23.1	19.9	32.8	
57	253.0	248.0	8.2	32.7	30.4	27.4	23.5	20.2	33.4	

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

3.500 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)	Weight of spring (lbs)	
			Rate (in*lbs*coil/turn)	10	15	25	50			100
				MIP (in*lbs)						
				2361	299	277	250			214
IPPT			Turns on spring							
(in*lbs/turn)			(Turns)							
11	47.0	42.0	56.2	5.3	4.9	4.4	3.8	3.3	6.7	
12	51.3	46.3	51.0	5.9	5.4	4.9	4.2	3.6	7.3	
13	55.6	50.6	46.7	6.4	5.9	5.3	4.6	4.0	7.9	
14	59.8	54.8	43.1	6.9	6.4	5.8	5.0	4.3	8.5	
15	64.1	59.1	40.0	7.5	6.9	6.2	5.4	4.6	9.2	
16	68.4	63.4	37.3	8.0	7.4	6.7	5.8	5.0	9.8	
17	72.6	67.6	34.9	8.6	7.9	7.2	6.1	5.3	10.4	
18	76.9	71.9	32.8	9.1	8.4	7.6	6.5	5.6	11.0	
19	81.2	76.2	31.0	9.6	8.9	8.1	6.9	6.0	11.6	
20	85.5	80.5	29.3	10.2	9.4	8.5	7.3	6.3	12.2	
21	89.7	84.7	27.9	10.7	9.9	9.0	7.7	6.6	12.8	
22	94.0	89.0	26.5	11.3	10.4	9.4	8.1	7.0	13.4	
23	98.3	93.3	25.3	11.8	10.9	9.9	8.5	7.3	14.0	
24	102.6	97.6	24.2	12.3	11.4	10.3	8.9	7.6	14.7	
25	106.8	101.8	23.2	12.9	11.9	10.8	9.2	8.0	15.3	
26	111.1	106.1	22.3	13.4	12.4	11.2	9.6	8.3	15.9	
27	115.4	110.4	21.4	14.0	12.9	11.7	10.0	8.6	16.5	
28	119.7	114.7	20.6	14.5	13.4	12.1	10.4	9.0	17.1	
29	123.9	118.9	19.9	15.0	13.9	12.6	10.8	9.3	17.7	
30	128.2	123.2	19.2	15.6	14.4	13.0	11.2	9.6	18.3	
31	132.5	127.5	18.5	16.1	14.9	13.5	11.6	10.0	18.9	
32	136.8	131.8	17.9	16.7	15.4	13.9	12.0	10.3	19.5	
33	141.0	136.0	17.4	17.2	15.9	14.4	12.4	10.6	20.1	
34	145.3	140.3	16.8	17.7	16.4	14.8	12.7	11.0	20.8	
35	149.6	144.6	16.3	18.3	16.9	15.3	13.1	11.3	21.4	
36	153.8	148.8	15.9	18.8	17.4	15.7	13.5	11.6	22.0	
37	158.1	153.1	15.4	19.4	17.9	16.2	13.9	12.0	22.6	
38	162.4	157.4	15.0	19.9	18.5	16.6	14.3	12.3	23.2	
39	166.7	161.7	14.6	20.4	19.0	17.1	14.7	12.6	23.8	
40	170.9	165.9	14.2	21.0	19.5	17.5	15.1	13.0	24.4	
41	175.2	170.2	13.9	21.5	20.0	18.0	15.5	13.3	25.0	
42	179.5	174.5	13.5	22.1	20.5	18.4	15.8	13.6	25.6	
43	183.8	178.8	13.2	22.6	21.0	18.9	16.2	14.0	26.3	
44	188.0	183.0	12.9	23.1	21.5	19.4	16.6	14.3	26.9	
45	192.3	187.3	12.6	23.7	22.0	19.8	17.0	14.6	27.5	
46	196.6	191.6	12.3	24.2	22.5	20.3	17.4	15.0	28.1	
47	200.9	195.9	12.1	24.8	23.0	20.7	17.8	15.3	28.7	
48	205.1	200.1	11.8	25.3	23.5	21.2	18.2	15.6	29.3	
49	209.4	204.4	11.6	25.8	24.0	21.6	18.6	16.0	29.9	
50	213.7	208.7	11.3	26.4	24.5	22.1	18.9	16.3	30.5	
51	217.9	212.9	11.1	26.9	25.0	22.5	19.3	16.6	31.1	
52	222.2	217.2	10.9	27.5	25.5	23.0	19.7	17.0	31.7	
53	226.5	221.5	10.7	28.0	26.0	23.4	20.1	17.3	32.4	
54	230.8	225.8	10.5	28.5	26.5	23.9	20.5	17.6	33.0	
55	235.0	230.0	10.3	29.1	27.0	24.3	20.9	18.0	33.6	
56	239.3	234.3	10.1	29.6	27.5	24.8	21.3	18.3	34.2	
57	243.6	238.6	9.9	30.2	28.0	25.2	21.7	18.6	34.8	
58	247.9	242.9	9.7	30.7	28.5	25.7	22.1	19.0	35.4	

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

3.500 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)	Weight of spring (lbs)	
			Rate (in*lbs*coil/turn)	10	15	25	50			100
				MIP (in*lbs)						
				2503	311	289	260			223
IPPT	Turns on spring									
(in*lbs/turn)	(Turns)									
11	46.3	41.3	60.6	5.1	4.8	4.3	3.7	3.2	6.8	
12	50.5	45.5	55.0	5.7	5.2	4.7	4.1	3.5	7.4	
13	54.7	49.7	50.3	6.2	5.7	5.2	4.4	3.8	8.1	
14	58.9	53.9	46.4	6.7	6.2	5.6	4.8	4.1	8.7	
15	63.2	58.2	43.1	7.2	6.7	6.0	5.2	4.5	9.3	
16	67.4	62.4	40.1	7.8	7.2	6.5	5.6	4.8	9.9	
17	71.6	66.6	37.6	8.3	7.7	6.9	5.9	5.1	10.5	
18	75.8	70.8	35.4	8.8	8.2	7.4	6.3	5.4	11.2	
19	80.0	75.0	33.4	9.3	8.6	7.8	6.7	5.8	11.8	
20	84.2	79.2	31.6	9.8	9.1	8.2	7.1	6.1	12.4	
21	88.4	83.4	30.0	10.4	9.6	8.7	7.4	6.4	13.0	
22	92.6	87.6	28.6	10.9	10.1	9.1	7.8	6.7	13.6	
23	96.8	91.8	27.3	11.4	10.6	9.5	8.2	7.1	14.3	
24	101.1	96.1	26.1	11.9	11.1	10.0	8.6	7.4	14.9	
25	105.3	100.3	25.0	12.5	11.6	10.4	8.9	7.7	15.5	
26	109.5	104.5	24.0	13.0	12.0	10.9	9.3	8.0	16.1	
27	113.7	108.7	23.0	13.5	12.5	11.3	9.7	8.4	16.7	
28	117.9	112.9	22.2	14.0	13.0	11.7	10.1	8.7	17.4	
29	122.1	117.1	21.4	14.6	13.5	12.2	10.5	9.0	18.0	
30	126.3	121.3	20.6	15.1	14.0	12.6	10.8	9.3	18.6	
31	130.5	125.5	19.9	15.6	14.5	13.0	11.2	9.6	19.2	
32	134.7	129.7	19.3	16.1	15.0	13.5	11.6	10.0	19.8	
33	138.9	133.9	18.7	16.6	15.4	13.9	12.0	10.3	20.5	
34	143.2	138.2	18.1	17.2	15.9	14.4	12.3	10.6	21.1	
35	147.4	142.4	17.6	17.7	16.4	14.8	12.7	10.9	21.7	
36	151.6	146.6	17.1	18.2	16.9	15.2	13.1	11.3	22.3	
37	155.8	150.8	16.6	18.7	17.4	15.7	13.5	11.6	22.9	
38	160.0	155.0	16.2	19.3	17.9	16.1	13.8	11.9	23.6	
39	164.2	159.2	15.7	19.8	18.3	16.5	14.2	12.2	24.2	
40	168.4	163.4	15.3	20.3	18.8	17.0	14.6	12.6	24.8	
41	172.6	167.6	14.9	20.8	19.3	17.4	15.0	12.9	25.4	
42	176.8	171.8	14.6	21.4	19.8	17.9	15.3	13.2	26.1	
43	181.1	176.1	14.2	21.9	20.3	18.3	15.7	13.5	26.7	
44	185.3	180.3	13.9	22.4	20.8	18.7	16.1	13.8	27.3	
45	189.5	184.5	13.6	22.9	21.3	19.2	16.5	14.2	27.9	
46	193.7	188.7	13.3	23.5	21.7	19.6	16.8	14.5	28.5	
47	197.9	192.9	13.0	24.0	22.2	20.1	17.2	14.8	29.2	
48	202.1	197.1	12.7	24.5	22.7	20.5	17.6	15.1	29.8	
49	206.3	201.3	12.4	25.0	23.2	20.9	18.0	15.5	30.4	
50	210.5	205.5	12.2	25.5	23.7	21.4	18.3	15.8	31.0	
51	214.7	209.7	11.9	26.1	24.2	21.8	18.7	16.1	31.6	
52	218.9	213.9	11.7	26.6	24.7	22.2	19.1	16.4	32.3	
53	223.2	218.2	11.5	27.1	25.1	22.7	19.5	16.8	32.9	
54	227.4	222.4	11.3	27.6	25.6	23.1	19.8	17.1	33.5	
55	231.6	226.6	11.1	28.2	26.1	23.6	20.2	17.4	34.1	
56	235.8	230.8	10.8	28.7	26.6	24.0	20.6	17.7	34.7	
57	240.0	235.0	10.7	29.2	27.1	24.4	21.0	18.1	35.4	
58	244.2	239.2	10.5	29.7	27.6	24.9	21.4	18.4	36.0	

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

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

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)  0.6375	
			Rate (in*lbs*coil/turn)  2771 IPPT	MIP (in*lbs)					
				Turns on spring					
				10	15	25	50		100
				334	310	280	240	207	
			(in*lbs/turn)	(Turns)					Weight of spring (lbs)
12	49.2	44.2	62.6	5.3	5.0	4.5	3.8	3.3	7.7
13	53.3	48.3	57.3	5.8	5.4	4.9	4.2	3.6	8.3
14	57.4	52.4	52.8	6.3	5.9	5.3	4.5	3.9	8.9
15	61.6	56.6	49.0	6.8	6.3	5.7	4.9	4.2	9.6
16	65.7	60.7	45.7	7.3	6.8	6.1	5.3	4.5	10.2
17	69.8	64.8	42.8	7.8	7.2	6.5	5.6	4.8	10.8
18	73.9	68.9	40.2	8.3	7.7	6.9	6.0	5.1	11.5
19	78.0	73.0	38.0	8.8	8.2	7.4	6.3	5.4	12.1
20	82.1	77.1	36.0	9.3	8.6	7.8	6.7	5.7	12.8
21	86.2	81.2	34.1	9.8	9.1	8.2	7.0	6.1	13.4
22	90.3	85.3	32.5	10.3	9.5	8.6	7.4	6.4	14.0
23	94.4	89.4	31.0	10.8	10.0	9.0	7.7	6.7	14.7
24	98.5	93.5	29.6	11.3	10.5	9.4	8.1	7.0	15.3
25	102.6	97.6	28.4	11.8	10.9	9.8	8.5	7.3	15.9
26	106.7	101.7	27.3	12.3	11.4	10.3	8.8	7.6	16.6
27	110.8	105.8	26.2	12.8	11.8	10.7	9.2	7.9	17.2
28	114.9	109.9	25.2	13.3	12.3	11.1	9.5	8.2	17.9
29	119.0	114.0	24.3	13.8	12.8	11.5	9.9	8.5	18.5
30	123.1	118.1	23.5	14.3	13.2	11.9	10.2	8.8	19.1
31	127.2	122.2	22.7	14.7	13.7	12.3	10.6	9.1	19.8
32	131.3	126.3	21.9	15.2	14.1	12.7	10.9	9.4	20.4
33	135.4	130.4	21.2	15.7	14.6	13.2	11.3	9.7	21.0
34	139.5	134.5	20.6	16.2	15.1	13.6	11.7	10.0	21.7
35	143.6	138.6	20.0	16.7	15.5	14.0	12.0	10.3	22.3
36	147.7	142.7	19.4	17.2	16.0	14.4	12.4	10.6	23.0
37	151.8	146.8	18.9	17.7	16.4	14.8	12.7	11.0	23.6
38	155.9	150.9	18.4	18.2	16.9	15.2	13.1	11.3	24.2
39	160.0	155.0	17.9	18.7	17.3	15.6	13.4	11.6	24.9
40	164.1	159.1	17.4	19.2	17.8	16.1	13.8	11.9	25.5
41	168.2	163.2	17.0	19.7	18.3	16.5	14.1	12.2	26.1
42	172.3	167.3	16.6	20.2	18.7	16.9	14.5	12.5	26.8
43	176.4	171.4	16.2	20.7	19.2	17.3	14.9	12.8	27.4
44	180.5	175.5	15.8	21.2	19.6	17.7	15.2	13.1	28.1
45	184.7	179.7	15.4	21.7	20.1	18.1	15.6	13.4	28.7
46	188.8	183.8	15.1	22.2	20.6	18.5	15.9	13.7	29.3
47	192.9	187.9	14.8	22.7	21.0	19.0	16.3	14.0	30.0
48	197.0	192.0	14.4	23.2	21.5	19.4	16.6	14.3	30.6
49	201.1	196.1	14.1	23.7	21.9	19.8	17.0	14.6	31.2
50	205.2	200.2	13.8	24.2	22.4	20.2	17.3	14.9	31.9
51	209.3	204.3	13.6	24.6	22.9	20.6	17.7	15.2	32.5
52	213.4	208.4	13.3	25.1	23.3	21.0	18.1	15.5	33.2
53	217.5	212.5	13.0	25.6	23.8	21.4	18.4	15.9	33.8
54	221.6	216.6	12.8	26.1	24.2	21.9	18.8	16.2	34.4
55	225.7	220.7	12.6	26.6	24.7	22.3	19.1	16.5	35.1
56	229.8	224.8	12.3	27.1	25.2	22.7	19.5	16.8	35.7
57	233.9	228.9	12.1	27.6	25.6	23.1	19.8	17.1	36.3
58	238.0	233.0	11.9	28.1	26.1	23.5	20.2	17.4	37.0
59	242.1	237.1	11.7	28.6	26.5	23.9	20.5	17.7	37.6

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 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)  0.6551	
			Rate (in*lbs*coil/turn)  3063 IPPT	MIP (in*lbs)					
				Turns on spring					
				10	15	25	50		100
			359	333	300	258	222	Weight of spring (lbs)	
13	52.0	47.0	65.2	5.5	5.1	4.6	4.0	3.4	8.5
14	56.0	51.0	60.1	6.0	5.5	5.0	4.3	3.7	9.2
15	60.0	55.0	55.7	6.4	6.0	5.4	4.6	4.0	9.8
16	64.0	59.0	51.9	6.9	6.4	5.8	5.0	4.3	10.5
17	68.0	63.0	48.6	7.4	6.8	6.2	5.3	4.6	11.1
18	72.0	67.0	45.7	7.9	7.3	6.6	5.6	4.9	11.8
19	76.0	71.0	43.2	8.3	7.7	7.0	6.0	5.1	12.4
20	80.0	75.0	40.8	8.8	8.2	7.4	6.3	5.4	13.1
21	84.0	79.0	38.8	9.3	8.6	7.7	6.6	5.7	13.8
22	88.0	83.0	36.9	9.7	9.0	8.1	7.0	6.0	14.4
23	92.0	87.0	35.2	10.2	9.5	8.5	7.3	6.3	15.1
24	96.0	91.0	33.7	10.7	9.9	8.9	7.7	6.6	15.7
25	100.0	95.0	32.2	11.1	10.3	9.3	8.0	6.9	16.4
26	104.0	99.0	30.9	11.6	10.8	9.7	8.3	7.2	17.0
27	108.0	103.0	29.7	12.1	11.2	10.1	8.7	7.5	17.7
28	112.0	107.0	28.6	12.5	11.6	10.5	9.0	7.8	18.3
29	116.0	111.0	27.6	13.0	12.1	10.9	9.3	8.0	19.0
30	120.0	115.0	26.6	13.5	12.5	11.3	9.7	8.3	19.7
31	124.0	119.0	25.7	13.9	12.9	11.7	10.0	8.6	20.3
32	128.0	123.0	24.9	14.4	13.4	12.1	10.4	8.9	21.0
33	132.0	127.0	24.1	14.9	13.8	12.4	10.7	9.2	21.6
34	136.0	131.0	23.4	15.4	14.2	12.8	11.0	9.5	22.3
35	140.0	135.0	22.7	15.8	14.7	13.2	11.4	9.8	22.9
36	144.0	139.0	22.0	16.3	15.1	13.6	11.7	10.1	23.6
37	148.0	143.0	21.4	16.8	15.5	14.0	12.0	10.4	24.2
38	152.0	147.0	20.8	17.2	16.0	14.4	12.4	10.7	24.9
39	156.0	151.0	20.3	17.7	16.4	14.8	12.7	10.9	25.5
40	160.0	155.0	19.8	18.2	16.8	15.2	13.0	11.2	26.2
41	164.0	159.0	19.3	18.6	17.3	15.6	13.4	11.5	26.9
42	168.0	163.0	18.8	19.1	17.7	16.0	13.7	11.8	27.5
43	172.0	167.0	18.3	19.6	18.1	16.4	14.1	12.1	28.2
44	176.0	171.0	17.9	20.0	18.6	16.8	14.4	12.4	28.8
45	180.0	175.0	17.5	20.5	19.0	17.2	14.7	12.7	29.5
46	184.0	179.0	17.1	21.0	19.5	17.5	15.1	13.0	30.1
47	188.0	183.0	16.7	21.4	19.9	17.9	15.4	13.3	30.8
48	192.0	187.0	16.4	21.9	20.3	18.3	15.7	13.5	31.4
49	196.0	191.0	16.0	22.4	20.8	18.7	16.1	13.8	32.1
50	200.0	195.0	15.7	22.9	21.2	19.1	16.4	14.1	32.8
51	204.0	199.0	15.4	23.3	21.6	19.5	16.7	14.4	33.4
52	208.0	203.0	15.1	23.8	22.1	19.9	17.1	14.7	34.1
53	212.0	207.0	14.8	24.3	22.5	20.3	17.4	15.0	34.7
54	216.0	211.0	14.5	24.7	22.9	20.7	17.8	15.3	35.4
55	220.0	215.0	14.2	25.2	23.4	21.1	18.1	15.6	36.0
56	224.0	219.0	14.0	25.7	23.8	21.5	18.4	15.9	36.7
57	228.0	223.0	13.7	26.1	24.2	21.9	18.8	16.2	37.3
58	232.0	227.0	13.5	26.6	24.7	22.3	19.1	16.4	38.0
59	236.0	231.0	13.3	27.1	25.1	22.6	19.4	16.7	38.7
60	240.0	235.0	13.0	27.5	25.5	23.0	19.8	17.0	39.3

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 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)	Weight of spring (lbs)	
			Rate (in*lbs*coil/turn) 3711 IPPT	10	15	25	50			100
				MIP (in*lbs)						
				411	382	344	295			254
			Turns on spring							
			(in*lbs/turn)	(Turns)						
14	53.3	48.3	76.8	5.4	5.0	4.5	3.8	3.3	9.7	
15	57.1	52.1	71.2	5.8	5.4	4.8	4.2	3.6	10.4	
16	61.0	56.0	66.3	6.2	5.8	5.2	4.5	3.8	11.0	
17	64.8	59.8	62.1	6.6	6.1	5.5	4.8	4.1	11.7	
18	68.6	63.6	58.4	7.0	6.5	5.9	5.1	4.4	12.4	
19	72.4	67.4	55.1	7.5	6.9	6.2	5.4	4.6	13.1	
20	76.2	71.2	52.1	7.9	7.3	6.6	5.7	4.9	13.8	
21	80.0	75.0	49.5	8.3	7.7	7.0	6.0	5.1	14.5	
22	83.8	78.8	47.1	8.7	8.1	7.3	6.3	5.4	15.2	
23	87.6	82.6	44.9	9.2	8.5	7.7	6.6	5.7	15.9	
24	91.4	86.4	42.9	9.6	8.9	8.0	6.9	5.9	16.6	
25	95.2	90.2	41.1	10.0	9.3	8.4	7.2	6.2	17.3	
26	99.0	94.0	39.5	10.4	9.7	8.7	7.5	6.4	17.9	
27	102.9	97.9	37.9	10.8	10.1	9.1	7.8	6.7	18.6	
28	106.7	101.7	36.5	11.3	10.5	9.4	8.1	7.0	19.3	
29	110.5	105.5	35.2	11.7	10.8	9.8	8.4	7.2	20.0	
30	114.3	109.3	34.0	12.1	11.2	10.1	8.7	7.5	20.7	
31	118.1	113.1	32.8	12.5	11.6	10.5	9.0	7.7	21.4	
32	121.9	116.9	31.7	13.0	12.0	10.8	9.3	8.0	22.1	
33	125.7	120.7	30.7	13.4	12.4	11.2	9.6	8.3	22.8	
34	129.5	124.5	29.8	13.8	12.8	11.5	9.9	8.5	23.5	
35	133.3	128.3	28.9	14.2	13.2	11.9	10.2	8.8	24.2	
36	137.1	132.1	28.1	14.6	13.6	12.3	10.5	9.1	24.8	
37	141.0	136.0	27.3	15.1	14.0	12.6	10.8	9.3	25.5	
38	144.8	139.8	26.6	15.5	14.4	13.0	11.1	9.6	26.2	
39	148.6	143.6	25.9	15.9	14.8	13.3	11.4	9.8	26.9	
40	152.4	147.4	25.2	16.3	15.1	13.7	11.7	10.1	27.6	
41	156.2	151.2	24.5	16.8	15.5	14.0	12.0	10.4	28.3	
42	160.0	155.0	23.9	17.2	15.9	14.4	12.3	10.6	29.0	
43	163.8	158.8	23.4	17.6	16.3	14.7	12.6	10.9	29.7	
44	167.6	162.6	22.8	18.0	16.7	15.1	12.9	11.1	30.4	
45	171.4	166.4	22.3	18.4	17.1	15.4	13.2	11.4	31.1	
46	175.2	170.2	21.8	18.9	17.5	15.8	13.6	11.7	31.7	
47	179.0	174.0	21.3	19.3	17.9	16.1	13.9	11.9	32.4	
48	182.9	177.9	20.9	19.7	18.3	16.5	14.2	12.2	33.1	
49	186.7	181.7	20.4	20.1	18.7	16.8	14.5	12.4	33.8	
50	190.5	185.5	20.0	20.6	19.1	17.2	14.8	12.7	34.5	
51	194.3	189.3	19.6	21.0	19.5	17.5	15.1	13.0	35.2	
52	198.1	193.1	19.2	21.4	19.8	17.9	15.4	13.2	35.9	
53	201.9	196.9	18.8	21.8	20.2	18.3	15.7	13.5	36.6	
54	205.7	200.7	18.5	22.2	20.6	18.6	16.0	13.8	37.3	
55	209.5	204.5	18.1	22.7	21.0	19.0	16.3	14.0	38.0	
56	213.3	208.3	17.8	23.1	21.4	19.3	16.6	14.3	38.6	
57	217.1	212.1	17.5	23.5	21.8	19.7	16.9	14.5	39.3	
58	221.0	216.0	17.2	23.9	22.2	20.0	17.2	14.8	40.0	
59	224.8	219.8	16.9	24.4	22.6	20.4	17.5	15.1	40.7	
60	228.6	223.6	16.6	24.8	23.0	20.7	17.8	15.3	41.4	
61	232.4	227.4	16.3	25.2	23.4	21.1	18.1	15.6	42.1	

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

3.500 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)	Weight of spring (lbs)	
			Rate (in*lbs*coil/turn) 4329 IPPT	MIP (in*lbs)						
				Turns on spring						
				10	15	25	50			100
				459	426	384	330	284	0.7198	
			(in*lbs/turn)	(Turns)						
15	54.9	49.9	86.7	5.3	4.9	4.4	3.8	3.3	10.8	
16	58.6	53.6	80.8	5.7	5.3	4.8	4.1	3.5	11.5	
17	62.3	57.3	75.6	6.1	5.6	5.1	4.4	3.8	12.2	
18	65.9	60.9	71.1	6.5	6.0	5.4	4.6	4.0	13.0	
19	69.6	64.6	67.0	6.8	6.3	5.7	4.9	4.2	13.7	
20	73.3	68.3	63.4	7.2	6.7	6.1	5.2	4.5	14.4	
21	76.9	71.9	60.2	7.6	7.1	6.4	5.5	4.7	15.1	
22	80.6	75.6	57.3	8.0	7.4	6.7	5.8	5.0	15.8	
23	84.2	79.2	54.6	8.4	7.8	7.0	6.0	5.2	16.6	
24	87.9	82.9	52.2	8.8	8.2	7.4	6.3	5.4	17.3	
25	91.6	86.6	50.0	9.2	8.5	7.7	6.6	5.7	18.0	
26	95.2	90.2	48.0	9.6	8.9	8.0	6.9	5.9	18.7	
27	98.9	93.9	46.1	10.0	9.2	8.3	7.1	6.2	19.4	
28	102.6	97.6	44.4	10.3	9.6	8.7	7.4	6.4	20.2	
29	106.2	101.2	42.8	10.7	10.0	9.0	7.7	6.6	20.9	
30	109.9	104.9	41.3	11.1	10.3	9.3	8.0	6.9	21.6	
31	113.6	108.6	39.9	11.5	10.7	9.6	8.3	7.1	22.3	
32	117.2	112.2	38.6	11.9	11.0	9.9	8.5	7.4	23.0	
33	120.9	115.9	37.4	12.3	11.4	10.3	8.8	7.6	23.8	
34	124.5	119.5	36.2	12.7	11.8	10.6	9.1	7.8	24.5	
35	128.2	123.2	35.1	13.1	12.1	10.9	9.4	8.1	25.2	
36	131.9	126.9	34.1	13.4	12.5	11.2	9.7	8.3	25.9	
37	135.5	130.5	33.2	13.8	12.8	11.6	9.9	8.6	26.6	
38	139.2	134.2	32.3	14.2	13.2	11.9	10.2	8.8	27.4	
39	142.9	137.9	31.4	14.6	13.6	12.2	10.5	9.0	28.1	
40	146.5	141.5	30.6	15.0	13.9	12.5	10.8	9.3	28.8	
41	150.2	145.2	29.8	15.4	14.3	12.9	11.1	9.5	29.5	
42	153.8	148.8	29.1	15.8	14.6	13.2	11.3	9.8	30.2	
43	157.5	152.5	28.4	16.2	15.0	13.5	11.6	10.0	30.9	
44	161.2	156.2	27.7	16.6	15.4	13.8	11.9	10.2	31.7	
45	164.8	159.8	27.1	16.9	15.7	14.2	12.2	10.5	32.4	
46	168.5	163.5	26.5	17.3	16.1	14.5	12.4	10.7	33.1	
47	172.2	167.2	25.9	17.7	16.4	14.8	12.7	11.0	33.8	
48	175.8	170.8	25.3	18.1	16.8	15.1	13.0	11.2	34.5	
49	179.5	174.5	24.8	18.5	17.2	15.5	13.3	11.4	35.3	
50	183.2	178.2	24.3	18.9	17.5	15.8	13.6	11.7	36.0	
51	186.8	181.8	23.8	19.3	17.9	16.1	13.8	11.9	36.7	
52	190.5	185.5	23.3	19.7	18.2	16.4	14.1	12.2	37.4	
53	194.1	189.1	22.9	20.1	18.6	16.8	14.4	12.4	38.1	
54	197.8	192.8	22.5	20.4	19.0	17.1	14.7	12.6	38.9	
55	201.5	196.5	22.0	20.8	19.3	17.4	15.0	12.9	39.6	
56	205.1	200.1	21.6	21.2	19.7	17.7	15.2	13.1	40.3	
57	208.8	203.8	21.2	21.6	20.0	18.1	15.5	13.4	41.0	
58	212.5	207.5	20.9	22.0	20.4	18.4	15.8	13.6	41.7	
59	216.1	211.1	20.5	22.4	20.8	18.7	16.1	13.8	42.5	
60	219.8	214.8	20.2	22.8	21.1	19.0	16.4	14.1	43.2	
61	223.4	218.4	19.8	23.2	21.5	19.4	16.6	14.3	43.9	
62	227.1	222.1	19.5	23.5	21.8	19.7	16.9	14.6	44.6	

Material: Oil tempered wire

mai



# CANIMEX SPRING CHARTS

3.500 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)	Weight of spring (lbs)	
			Rate (in*lbs*coil/turn) 4986 IPPT	MIP (in*lbs)						
				Turns on spring						
				10	15	25	50			100
				507	471	424	364	314	0.7481	
			(in*lbs/turn)	(Turns)						
17	60.1	55.1	90.6	5.6	5.2	4.7	4.0	3.5	12.7	
18	63.6	58.6	85.1	6.0	5.5	5.0	4.3	3.7	13.5	
19	67.1	62.1	80.3	6.3	5.9	5.3	4.5	3.9	14.2	
20	70.7	65.7	75.9	6.7	6.2	5.6	4.8	4.1	15.0	
21	74.2	69.2	72.1	7.0	6.5	5.9	5.1	4.4	15.7	
22	77.7	72.7	68.6	7.4	6.9	6.2	5.3	4.6	16.5	
23	81.3	76.3	65.4	7.8	7.2	6.5	5.6	4.8	17.2	
24	84.8	79.8	62.5	8.1	7.5	6.8	5.8	5.0	18.0	
25	88.3	83.3	59.8	8.5	7.9	7.1	6.1	5.2	18.7	
26	91.9	86.9	57.4	8.8	8.2	7.4	6.3	5.5	19.5	
27	95.4	90.4	55.2	9.2	8.5	7.7	6.6	5.7	20.2	
28	98.9	93.9	53.1	9.6	8.9	8.0	6.9	5.9	20.9	
29	102.5	97.5	51.2	9.9	9.2	8.3	7.1	6.1	21.7	
30	106.0	101.0	49.4	10.3	9.5	8.6	7.4	6.4	22.4	
31	109.5	104.5	47.7	10.6	9.9	8.9	7.6	6.6	23.2	
32	113.1	108.1	46.1	11.0	10.2	9.2	7.9	6.8	23.9	
33	116.6	111.6	44.7	11.4	10.5	9.5	8.2	7.0	24.7	
34	120.1	115.1	43.3	11.7	10.9	9.8	8.4	7.2	25.4	
35	123.7	118.7	42.0	12.1	11.2	10.1	8.7	7.5	26.2	
36	127.2	122.2	40.8	12.4	11.5	10.4	8.9	7.7	26.9	
37	130.7	125.7	39.7	12.8	11.9	10.7	9.2	7.9	27.7	
38	134.3	129.3	38.6	13.2	12.2	11.0	9.4	8.1	28.4	
39	137.8	132.8	37.5	13.5	12.5	11.3	9.7	8.4	29.2	
40	141.3	136.3	36.6	13.9	12.9	11.6	10.0	8.6	29.9	
41	144.9	139.9	35.7	14.2	13.2	11.9	10.2	8.8	30.7	
42	148.4	143.4	34.8	14.6	13.5	12.2	10.5	9.0	31.4	
43	151.9	146.9	33.9	15.0	13.9	12.5	10.7	9.2	32.2	
44	155.5	150.5	33.1	15.3	14.2	12.8	11.0	9.5	32.9	
45	159.0	154.0	32.4	15.7	14.5	13.1	11.3	9.7	33.7	
46	162.5	157.5	31.7	16.0	14.9	13.4	11.5	9.9	34.4	
47	166.1	161.1	31.0	16.4	15.2	13.7	11.8	10.1	35.2	
48	169.6	164.6	30.3	16.8	15.5	14.0	12.0	10.4	35.9	
49	173.1	168.1	29.7	17.1	15.9	14.3	12.3	10.6	36.7	
50	176.7	171.7	29.0	17.5	16.2	14.6	12.5	10.8	37.4	
51	180.2	175.2	28.5	17.8	16.5	14.9	12.8	11.0	38.2	
52	183.7	178.7	27.9	18.2	16.9	15.2	13.1	11.2	38.9	
53	187.3	182.3	27.4	18.5	17.2	15.5	13.3	11.5	39.6	
54	190.8	185.8	26.8	18.9	17.5	15.8	13.6	11.7	40.4	
55	194.3	189.3	26.3	19.3	17.9	16.1	13.8	11.9	41.1	
56	197.9	192.9	25.9	19.6	18.2	16.4	14.1	12.1	41.9	
57	201.4	196.4	25.4	20.0	18.5	16.7	14.4	12.4	42.6	
58	204.9	199.9	24.9	20.3	18.9	17.0	14.6	12.6	43.4	
59	208.5	203.5	24.5	20.7	19.2	17.3	14.9	12.8	44.1	
60	212.0	207.0	24.1	21.1	19.5	17.6	15.1	13.0	44.9	
61	215.5	210.5	23.7	21.4	19.9	17.9	15.4	13.2	45.6	
62	219.1	214.1	23.3	21.8	20.2	18.2	15.6	13.5	46.4	
63	222.6	217.6	22.9	22.1	20.5	18.5	15.9	13.7	47.1	
64	226.1	221.1	22.6	22.5	20.9	18.8	16.2	13.9	47.9	

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 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)	Weight of spring (lbs)	
			Rate (in*lbs*coil/turn)	10	15	25	50			100
				MIP (in*lbs)						
				5414	538	499	450			386
IPPT	Turns on spring					Weight of spring (lbs)				
(in*lbs/turn)	(Turns)									
18	62.3	57.3	94.5	5.7	5.3	4.8	4.1	3.5	13.8	
19	65.7	60.7	89.1	6.0	5.6	5.0	4.3	3.7	14.5	
20	69.2	64.2	84.3	6.4	5.9	5.3	4.6	3.9	15.3	
21	72.7	67.7	80.0	6.7	6.2	5.6	4.8	4.2	16.1	
22	76.1	71.1	76.1	7.1	6.6	5.9	5.1	4.4	16.8	
23	79.6	74.6	72.6	7.4	6.9	6.2	5.3	4.6	17.6	
24	83.0	78.0	69.4	7.8	7.2	6.5	5.6	4.8	18.4	
25	86.5	81.5	66.4	8.1	7.5	6.8	5.8	5.0	19.1	
26	90.0	85.0	63.7	8.4	7.8	7.1	6.1	5.2	19.9	
27	93.4	88.4	61.2	8.8	8.1	7.3	6.3	5.4	20.7	
28	96.9	91.9	58.9	9.1	8.5	7.6	6.6	5.6	21.4	
29	100.3	95.3	56.8	9.5	8.8	7.9	6.8	5.9	22.2	
30	103.8	98.8	54.8	9.8	9.1	8.2	7.1	6.1	23.0	
31	107.3	102.3	52.9	10.2	9.4	8.5	7.3	6.3	23.7	
32	110.7	105.7	51.2	10.5	9.7	8.8	7.5	6.5	24.5	
33	114.2	109.2	49.6	10.8	10.1	9.1	7.8	6.7	25.3	
34	117.6	112.6	48.1	11.2	10.4	9.4	8.0	6.9	26.0	
35	121.1	116.1	46.6	11.5	10.7	9.6	8.3	7.1	26.8	
36	124.6	119.6	45.3	11.9	11.0	9.9	8.5	7.3	27.5	
37	128.0	123.0	44.0	12.2	11.3	10.2	8.8	7.6	28.3	
38	131.5	126.5	42.8	12.6	11.7	10.5	9.0	7.8	29.1	
39	134.9	129.9	41.7	12.9	12.0	10.8	9.3	8.0	29.8	
40	138.4	133.4	40.6	13.3	12.3	11.1	9.5	8.2	30.6	
41	141.9	136.9	39.6	13.6	12.6	11.4	9.8	8.4	31.4	
42	145.3	140.3	38.6	13.9	12.9	11.7	10.0	8.6	32.1	
43	148.8	143.8	37.7	14.3	13.2	12.0	10.3	8.8	32.9	
44	152.2	147.2	36.8	14.6	13.6	12.2	10.5	9.0	33.7	
45	155.7	150.7	35.9	15.0	13.9	12.5	10.8	9.3	34.4	
46	159.2	154.2	35.1	15.3	14.2	12.8	11.0	9.5	35.2	
47	162.6	157.6	34.4	15.7	14.5	13.1	11.2	9.7	36.0	
48	166.1	161.1	33.6	16.0	14.8	13.4	11.5	9.9	36.7	
49	169.6	164.6	32.9	16.4	15.2	13.7	11.7	10.1	37.5	
50	173.0	168.0	32.2	16.7	15.5	14.0	12.0	10.3	38.3	
51	176.5	171.5	31.6	17.0	15.8	14.3	12.2	10.5	39.0	
52	179.9	174.9	31.0	17.4	16.1	14.5	12.5	10.7	39.8	
53	183.4	178.4	30.4	17.7	16.4	14.8	12.7	11.0	40.6	
54	186.9	181.9	29.8	18.1	16.8	15.1	13.0	11.2	41.3	
55	190.3	185.3	29.2	18.4	17.1	15.4	13.2	11.4	42.1	
56	193.8	188.8	28.7	18.8	17.4	15.7	13.5	11.6	42.8	
57	197.2	192.2	28.2	19.1	17.7	16.0	13.7	11.8	43.6	
58	200.7	195.7	27.7	19.4	18.0	16.3	14.0	12.0	44.4	
59	204.2	199.2	27.2	19.8	18.4	16.6	14.2	12.2	45.1	
60	207.6	202.6	26.7	20.1	18.7	16.8	14.5	12.4	45.9	
61	211.1	206.1	26.3	20.5	19.0	17.1	14.7	12.7	46.7	
62	214.5	209.5	25.8	20.8	19.3	17.4	15.0	12.9	47.4	
63	218.0	213.0	25.4	21.2	19.6	17.7	15.2	13.1	48.2	
64	221.5	216.5	25.0	21.5	19.9	18.0	15.4	13.3	49.0	
65	224.9	219.9	24.6	21.9	20.3	18.3	15.7	13.5	49.7	

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 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)	Weight of spring (lbs)	
			Rate (in*lbs*coil/turn)	10	15	25	50			100
				MIP (in*lbs)						
				5869	570	528	477			409
IPPT	Turns on spring									
			(in*lbs/turn)	(Turns)						
18	61.0	56.0	104.8	5.4	5.0	4.5	3.9	3.4	14.1	
19	64.4	59.4	98.8	5.8	5.3	4.8	4.1	3.6	14.9	
20	67.8	62.8	93.5	6.1	5.7	5.1	4.4	3.8	15.6	
21	71.2	66.2	88.7	6.4	6.0	5.4	4.6	4.0	16.4	
22	74.6	69.6	84.4	6.8	6.3	5.6	4.9	4.2	17.2	
23	78.0	73.0	80.4	7.1	6.6	5.9	5.1	4.4	18.0	
24	81.4	76.4	76.9	7.4	6.9	6.2	5.3	4.6	18.8	
25	84.7	79.7	73.6	7.7	7.2	6.5	5.6	4.8	19.6	
26	88.1	83.1	70.6	8.1	7.5	6.8	5.8	5.0	20.3	
27	91.5	86.5	67.8	8.4	7.8	7.0	6.0	5.2	21.1	
28	94.9	89.9	65.3	8.7	8.1	7.3	6.3	5.4	21.9	
29	98.3	93.3	62.9	9.1	8.4	7.6	6.5	5.6	22.7	
30	101.7	96.7	60.7	9.4	8.7	7.9	6.7	5.8	23.5	
31	105.1	100.1	58.6	9.7	9.0	8.1	7.0	6.0	24.3	
32	108.5	103.5	56.7	10.0	9.3	8.4	7.2	6.2	25.0	
33	111.9	106.9	54.9	10.4	9.6	8.7	7.5	6.4	25.8	
34	115.3	110.3	53.2	10.7	9.9	9.0	7.7	6.6	26.6	
35	118.6	113.6	51.6	11.0	10.2	9.2	7.9	6.8	27.4	
36	122.0	117.0	50.2	11.4	10.5	9.5	8.2	7.0	28.2	
37	125.4	120.4	48.7	11.7	10.8	9.8	8.4	7.2	28.9	
38	128.8	123.8	47.4	12.0	11.1	10.1	8.6	7.4	29.7	
39	132.2	127.2	46.1	12.3	11.5	10.3	8.9	7.6	30.5	
40	135.6	130.6	44.9	12.7	11.8	10.6	9.1	7.8	31.3	
41	139.0	134.0	43.8	13.0	12.1	10.9	9.3	8.0	32.1	
42	142.4	137.4	42.7	13.3	12.4	11.2	9.6	8.2	32.9	
43	145.8	140.8	41.7	13.7	12.7	11.4	9.8	8.4	33.6	
44	149.2	144.2	40.7	14.0	13.0	11.7	10.1	8.7	34.4	
45	152.5	147.5	39.8	14.3	13.3	12.0	10.3	8.9	35.2	
46	155.9	150.9	38.9	14.7	13.6	12.3	10.5	9.1	36.0	
47	159.3	154.3	38.0	15.0	13.9	12.5	10.8	9.3	36.8	
48	162.7	157.7	37.2	15.3	14.2	12.8	11.0	9.5	37.5	
49	166.1	161.1	36.4	15.6	14.5	13.1	11.2	9.7	38.3	
50	169.5	164.5	35.7	16.0	14.8	13.4	11.5	9.9	39.1	
51	172.9	167.9	35.0	16.3	15.1	13.6	11.7	10.1	39.9	
52	176.3	171.3	34.3	16.6	15.4	13.9	11.9	10.3	40.7	
53	179.7	174.7	33.6	17.0	15.7	14.2	12.2	10.5	41.5	
54	183.1	178.1	33.0	17.3	16.0	14.5	12.4	10.7	42.2	
55	186.4	181.4	32.3	17.6	16.3	14.7	12.7	10.9	43.0	
56	189.8	184.8	31.8	17.9	16.6	15.0	12.9	11.1	43.8	
57	193.2	188.2	31.2	18.3	16.9	15.3	13.1	11.3	44.6	
58	196.6	191.6	30.6	18.6	17.2	15.6	13.4	11.5	45.4	
59	200.0	195.0	30.1	18.9	17.6	15.8	13.6	11.7	46.2	
60	203.4	198.4	29.6	19.3	17.9	16.1	13.8	11.9	46.9	
61	206.8	201.8	29.1	19.6	18.2	16.4	14.1	12.1	47.7	
62	210.2	205.2	28.6	19.9	18.5	16.7	14.3	12.3	48.5	
63	213.6	208.6	28.1	20.2	18.8	16.9	14.5	12.5	49.3	
64	216.9	211.9	27.7	20.6	19.1	17.2	14.8	12.7	50.1	
65	220.3	215.3	27.3	20.9	19.4	17.5	15.0	12.9	50.8	

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 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) 0.7880	
			Rate (in*lbs*coil/turn) 6027 IPPT	10	15	25	50		100
				MIP (in*lbs)					
				581	538	486	417		359
			Turns on spring					Weight of spring (lbs)	
			(Turns)						
19	64.0	59.0	102.2	5.7	5.3	4.8	4.1	3.5	15.0
20	67.3	62.3	96.7	6.0	5.6	5.0	4.3	3.7	15.8
21	70.7	65.7	91.7	6.3	5.9	5.3	4.5	3.9	16.5
22	74.1	69.1	87.3	6.7	6.2	5.6	4.8	4.1	17.3
23	77.4	72.4	83.2	7.0	6.5	5.8	5.0	4.3	18.1
24	80.8	75.8	79.5	7.3	6.8	6.1	5.2	4.5	18.9
25	84.2	79.2	76.1	7.6	7.1	6.4	5.5	4.7	19.7
26	87.5	82.5	73.0	8.0	7.4	6.7	5.7	4.9	20.5
27	90.9	85.9	70.2	8.3	7.7	6.9	5.9	5.1	21.3
28	94.3	89.3	67.5	8.6	8.0	7.2	6.2	5.3	22.1
29	97.6	92.6	65.1	8.9	8.3	7.5	6.4	5.5	22.9
30	101.0	96.0	62.8	9.2	8.6	7.7	6.6	5.7	23.6
31	104.4	99.4	60.6	9.6	8.9	8.0	6.9	5.9	24.4
32	107.7	102.7	58.7	9.9	9.2	8.3	7.1	6.1	25.2
33	111.1	106.1	56.8	10.2	9.5	8.6	7.3	6.3	26.0
34	114.5	109.5	55.1	10.5	9.8	8.8	7.6	6.5	26.8
35	117.8	112.8	53.4	10.9	10.1	9.1	7.8	6.7	27.6
36	121.2	116.2	51.9	11.2	10.4	9.4	8.0	6.9	28.4
37	124.6	119.6	50.4	11.5	10.7	9.6	8.3	7.1	29.2
38	127.9	122.9	49.0	11.8	11.0	9.9	8.5	7.3	29.9
39	131.3	126.3	47.7	12.2	11.3	10.2	8.7	7.5	30.7
40	134.7	129.7	46.5	12.5	11.6	10.4	9.0	7.7	31.5
41	138.0	133.0	45.3	12.8	11.9	10.7	9.2	7.9	32.3
42	141.4	136.4	44.2	13.1	12.2	11.0	9.4	8.1	33.1
43	144.8	139.8	43.1	13.5	12.5	11.3	9.7	8.3	33.9
44	148.1	143.1	42.1	13.8	12.8	11.5	9.9	8.5	34.7
45	151.5	146.5	41.1	14.1	13.1	11.8	10.1	8.7	35.5
46	154.9	149.9	40.2	14.4	13.4	12.1	10.4	8.9	36.2
47	158.2	153.2	39.3	14.8	13.7	12.3	10.6	9.1	37.0
48	161.6	156.6	38.5	15.1	14.0	12.6	10.8	9.3	37.8
49	165.0	160.0	37.7	15.4	14.3	12.9	11.1	9.5	38.6
50	168.4	163.4	36.9	15.7	14.6	13.2	11.3	9.7	39.4
51	171.7	166.7	36.2	16.1	14.9	13.4	11.5	9.9	40.2
52	175.1	170.1	35.4	16.4	15.2	13.7	11.8	10.1	41.0
53	178.5	173.5	34.7	16.7	15.5	14.0	12.0	10.3	41.8
54	181.8	176.8	34.1	17.0	15.8	14.2	12.2	10.5	42.6
55	185.2	180.2	33.4	17.4	16.1	14.5	12.5	10.7	43.3
56	188.6	183.6	32.8	17.7	16.4	14.8	12.7	10.9	44.1
57	191.9	186.9	32.2	18.0	16.7	15.1	12.9	11.1	44.9
58	195.3	190.3	31.7	18.3	17.0	15.3	13.2	11.3	45.7
59	198.7	193.7	31.1	18.7	17.3	15.6	13.4	11.5	46.5
60	202.0	197.0	30.6	19.0	17.6	15.9	13.6	11.7	47.3
61	205.4	200.4	30.1	19.3	17.9	16.1	13.9	11.9	48.1
62	208.8	203.8	29.6	19.6	18.2	16.4	14.1	12.1	48.9
63	212.1	207.1	29.1	20.0	18.5	16.7	14.3	12.3	49.6
64	215.5	210.5	28.6	20.3	18.8	17.0	14.6	12.5	50.4
65	218.9	213.9	28.2	20.6	19.1	17.2	14.8	12.7	51.2
66	222.2	217.2	27.7	20.9	19.4	17.5	15.0	12.9	52.0

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 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)  0.8152	
			Rate (in*lbs*coil/turn)  6818 IPPT	10	15	25	50		100
				MIP (in*lbs)					
				634	588	530	455		392
			Turns on spring					Weight of spring (lbs)	
			(Turns)						
19	62.0	57.0	119.7	5.3	4.9	4.4	3.8	3.3	15.5
20	65.3	60.3	113.2	5.6	5.2	4.7	4.0	3.5	16.3
21	68.5	63.5	107.4	5.9	5.5	4.9	4.2	3.7	17.1
22	71.8	66.8	102.1	6.2	5.8	5.2	4.5	3.8	17.9
23	75.0	70.0	97.4	6.5	6.0	5.4	4.7	4.0	18.8
24	78.3	73.3	93.0	6.8	6.3	5.7	4.9	4.2	19.6
25	81.6	76.6	89.1	7.1	6.6	6.0	5.1	4.4	20.4
26	84.8	79.8	85.4	7.4	6.9	6.2	5.3	4.6	21.2
27	88.1	83.1	82.1	7.7	7.2	6.5	5.5	4.8	22.0
28	91.4	86.4	79.0	8.0	7.4	6.7	5.8	5.0	22.8
29	94.6	89.6	76.1	8.3	7.7	7.0	6.0	5.2	23.6
30	97.9	92.9	73.4	8.6	8.0	7.2	6.2	5.3	24.5
31	101.1	96.1	70.9	8.9	8.3	7.5	6.4	5.5	25.3
32	104.4	99.4	68.6	9.2	8.6	7.7	6.6	5.7	26.1
33	107.7	102.7	66.4	9.5	8.9	8.0	6.9	5.9	26.9
34	110.9	105.9	64.4	9.8	9.1	8.2	7.1	6.1	27.7
35	114.2	109.2	62.4	10.2	9.4	8.5	7.3	6.3	28.5
36	117.5	112.5	60.6	10.5	9.7	8.7	7.5	6.5	29.3
37	120.7	115.7	58.9	10.8	10.0	9.0	7.7	6.7	30.2
38	124.0	119.0	57.3	11.1	10.3	9.3	7.9	6.8	31.0
39	127.2	122.2	55.8	11.4	10.5	9.5	8.2	7.0	31.8
40	130.5	125.5	54.3	11.7	10.8	9.8	8.4	7.2	32.6
41	133.8	128.8	53.0	12.0	11.1	10.0	8.6	7.4	33.4
42	137.0	132.0	51.6	12.3	11.4	10.3	8.8	7.6	34.2
43	140.3	135.3	50.4	12.6	11.7	10.5	9.0	7.8	35.1
44	143.6	138.6	49.2	12.9	11.9	10.8	9.3	8.0	35.9
45	146.8	141.8	48.1	13.2	12.2	11.0	9.5	8.2	36.7
46	150.1	145.1	47.0	13.5	12.5	11.3	9.7	8.3	37.5
47	153.3	148.3	46.0	13.8	12.8	11.5	9.9	8.5	38.3
48	156.6	151.6	45.0	14.1	13.1	11.8	10.1	8.7	39.1
49	159.9	154.9	44.0	14.4	13.4	12.0	10.3	8.9	39.9
50	163.1	158.1	43.1	14.7	13.6	12.3	10.6	9.1	40.8
51	166.4	161.4	42.3	15.0	13.9	12.6	10.8	9.3	41.6
52	169.7	164.7	41.4	15.3	14.2	12.8	11.0	9.5	42.4
53	172.9	167.9	40.6	15.6	14.5	13.1	11.2	9.7	43.2
54	176.2	171.2	39.8	15.9	14.8	13.3	11.4	9.8	44.0
55	179.4	174.4	39.1	16.2	15.0	13.6	11.6	10.0	44.8
56	182.7	177.7	38.4	16.5	15.3	13.8	11.9	10.2	45.7
57	186.0	181.0	37.7	16.8	15.6	14.1	12.1	10.4	46.5
58	189.2	184.2	37.0	17.1	15.9	14.3	12.3	10.6	47.3
59	192.5	187.5	36.4	17.4	16.2	14.6	12.5	10.8	48.1
60	195.8	190.8	35.7	17.7	16.4	14.8	12.7	11.0	48.9
61	199.0	194.0	35.1	18.0	16.7	15.1	13.0	11.2	49.7
62	202.3	197.3	34.6	18.3	17.0	15.3	13.2	11.3	50.5
63	205.5	200.5	34.0	18.6	17.3	15.6	13.4	11.5	51.4
64	208.8	203.8	33.5	18.9	17.6	15.8	13.6	11.7	52.2
65	212.1	207.1	32.9	19.3	17.9	16.1	13.8	11.9	53.0
66	215.3	210.3	32.4	19.6	18.1	16.4	14.0	12.1	53.8

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 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) 0.8325	
			Rate (in*lbs*coil/turn) 7357 IPPT	MIP (in*lbs)					
				Turns on spring					
				10	15	25	50		100
				669	621	560	481	414	
			(in*lbs/turn)	(Turns)					Weight of spring (lbs)
20	64.0	59.0	124.7	5.4	5.0	4.5	3.9	3.3	16.7
21	67.2	62.2	118.3	5.7	5.2	4.7	4.1	3.5	17.5
22	70.4	65.4	112.5	5.9	5.5	5.0	4.3	3.7	18.3
23	73.6	68.6	107.2	6.2	5.8	5.2	4.5	3.9	19.1
24	76.8	71.8	102.5	6.5	6.1	5.5	4.7	4.0	20.0
25	80.0	75.0	98.1	6.8	6.3	5.7	4.9	4.2	20.8
26	83.2	78.2	94.1	7.1	6.6	5.9	5.1	4.4	21.6
27	86.4	81.4	90.4	7.4	6.9	6.2	5.3	4.6	22.5
28	89.6	84.6	87.0	7.7	7.1	6.4	5.5	4.8	23.3
29	92.8	87.8	83.8	8.0	7.4	6.7	5.7	4.9	24.1
30	96.0	91.0	80.8	8.3	7.7	6.9	5.9	5.1	25.0
31	99.2	94.2	78.1	8.6	7.9	7.2	6.2	5.3	25.8
32	102.4	97.4	75.5	8.9	8.2	7.4	6.4	5.5	26.6
33	105.6	100.6	73.1	9.2	8.5	7.7	6.6	5.7	27.5
34	108.8	103.8	70.9	9.4	8.8	7.9	6.8	5.8	28.3
35	112.0	107.0	68.8	9.7	9.0	8.1	7.0	6.0	29.1
36	115.2	110.2	66.8	10.0	9.3	8.4	7.2	6.2	30.0
37	118.4	113.4	64.9	10.3	9.6	8.6	7.4	6.4	30.8
38	121.6	116.6	63.1	10.6	9.8	8.9	7.6	6.6	31.6
39	124.8	119.8	61.4	10.9	10.1	9.1	7.8	6.7	32.5
40	128.0	123.0	59.8	11.2	10.4	9.4	8.0	6.9	33.3
41	131.2	126.2	58.3	11.5	10.6	9.6	8.2	7.1	34.1
42	134.4	129.4	56.9	11.8	10.9	9.8	8.5	7.3	35.0
43	137.6	132.6	55.5	12.1	11.2	10.1	8.7	7.5	35.8
44	140.8	135.8	54.2	12.4	11.5	10.3	8.9	7.6	36.6
45	144.0	139.0	52.9	12.6	11.7	10.6	9.1	7.8	37.5
46	147.2	142.2	51.7	12.9	12.0	10.8	9.3	8.0	38.3
47	150.4	145.4	50.6	13.2	12.3	11.1	9.5	8.2	39.1
48	153.6	148.6	49.5	13.5	12.5	11.3	9.7	8.4	40.0
49	156.8	151.8	48.5	13.8	12.8	11.5	9.9	8.5	40.8
50	160.0	155.0	47.5	14.1	13.1	11.8	10.1	8.7	41.6
51	163.2	158.2	46.5	14.4	13.3	12.0	10.3	8.9	42.5
52	166.4	161.4	45.6	14.7	13.6	12.3	10.5	9.1	43.3
53	169.6	164.6	44.7	15.0	13.9	12.5	10.8	9.3	44.1
54	172.8	167.8	43.8	15.3	14.2	12.8	11.0	9.4	45.0
55	176.0	171.0	43.0	15.6	14.4	13.0	11.2	9.6	45.8
56	179.2	174.2	42.2	15.8	14.7	13.3	11.4	9.8	46.6
57	182.4	177.4	41.5	16.1	15.0	13.5	11.6	10.0	47.5
58	185.6	180.6	40.7	16.4	15.2	13.7	11.8	10.2	48.3
59	188.8	183.8	40.0	16.7	15.5	14.0	12.0	10.3	49.1
60	192.0	187.0	39.3	17.0	15.8	14.2	12.2	10.5	50.0
61	195.2	190.2	38.7	17.3	16.0	14.5	12.4	10.7	50.8
62	198.4	193.4	38.0	17.6	16.3	14.7	12.6	10.9	51.6
63	201.6	196.6	37.4	17.9	16.6	15.0	12.8	11.1	52.4
64	204.8	199.8	36.8	18.2	16.9	15.2	13.1	11.2	53.3
65	208.0	203.0	36.2	18.5	17.1	15.4	13.3	11.4	54.1
66	211.2	206.2	35.7	18.8	17.4	15.7	13.5	11.6	54.9
67	214.4	209.4	35.1	19.0	17.7	15.9	13.7	11.8	55.8

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 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)  0.8527	
			Rate (in*lbs*coil/turn)  8024 IPPT	10	15	25	50		100
				MIP (in*lbs)					
				712	660	595	511		440
			Turns on spring					Weight of spring (lbs)	
(in*lbs/turn)			(Turns)						
21	65.7	60.7	132.1	5.4	5.0	4.5	3.9	3.3	17.9
22	68.9	63.9	125.7	5.7	5.3	4.7	4.1	3.5	18.8
23	72.0	67.0	119.8	5.9	5.5	5.0	4.3	3.7	19.6
24	75.1	70.1	114.4	6.2	5.8	5.2	4.5	3.8	20.5
25	78.2	73.2	109.5	6.5	6.0	5.4	4.7	4.0	21.3
26	81.4	76.4	105.1	6.8	6.3	5.7	4.9	4.2	22.2
27	84.5	79.5	100.9	7.1	6.5	5.9	5.1	4.4	23.0
28	87.6	82.6	97.1	7.3	6.8	6.1	5.3	4.5	23.9
29	90.8	85.8	93.6	7.6	7.1	6.4	5.5	4.7	24.7
30	93.9	88.9	90.3	7.9	7.3	6.6	5.7	4.9	25.6
31	97.0	92.0	87.2	8.2	7.6	6.8	5.9	5.0	26.4
32	100.2	95.2	84.3	8.4	7.8	7.1	6.1	5.2	27.3
33	103.3	98.3	81.6	8.7	8.1	7.3	6.3	5.4	28.1
34	106.4	101.4	79.1	9.0	8.3	7.5	6.5	5.6	29.0
35	109.5	104.5	76.8	9.3	8.6	7.8	6.7	5.7	29.8
36	112.7	107.7	74.5	9.6	8.9	8.0	6.9	5.9	30.7
37	115.8	110.8	72.4	9.8	9.1	8.2	7.1	6.1	31.6
38	118.9	113.9	70.4	10.1	9.4	8.5	7.3	6.2	32.4
39	122.1	117.1	68.5	10.4	9.6	8.7	7.5	6.4	33.3
40	125.2	120.2	66.8	10.7	9.9	8.9	7.7	6.6	34.1
41	128.3	123.3	65.1	10.9	10.1	9.2	7.9	6.8	35.0
42	131.5	126.5	63.5	11.2	10.4	9.4	8.1	6.9	35.8
43	134.6	129.6	61.9	11.5	10.7	9.6	8.3	7.1	36.7
44	137.7	132.7	60.5	11.8	10.9	9.8	8.5	7.3	37.5
45	140.8	135.8	59.1	12.1	11.2	10.1	8.7	7.5	38.4
46	144.0	139.0	57.7	12.3	11.4	10.3	8.9	7.6	39.2
47	147.1	142.1	56.5	12.6	11.7	10.5	9.1	7.8	40.1
48	150.2	145.2	55.2	12.9	11.9	10.8	9.3	8.0	40.9
49	153.4	148.4	54.1	13.2	12.2	11.0	9.5	8.1	41.8
50	156.5	151.5	53.0	13.4	12.5	11.2	9.7	8.3	42.6
51	159.6	154.6	51.9	13.7	12.7	11.5	9.9	8.5	43.5
52	162.8	157.8	50.9	14.0	13.0	11.7	10.1	8.7	44.3
53	165.9	160.9	49.9	14.3	13.2	11.9	10.3	8.8	45.2
54	169.0	164.0	48.9	14.6	13.5	12.2	10.5	9.0	46.0
55	172.1	167.1	48.0	14.8	13.8	12.4	10.6	9.2	46.9
56	175.3	170.3	47.1	15.1	14.0	12.6	10.8	9.3	47.8
57	178.4	173.4	46.3	15.4	14.3	12.9	11.0	9.5	48.6
58	181.5	176.5	45.5	15.7	14.5	13.1	11.2	9.7	49.5
59	184.7	179.7	44.7	15.9	14.8	13.3	11.4	9.9	50.3
60	187.8	182.8	43.9	16.2	15.0	13.6	11.6	10.0	51.2
61	190.9	185.9	43.2	16.5	15.3	13.8	11.8	10.2	52.0
62	194.1	189.1	42.4	16.8	15.6	14.0	12.0	10.4	52.9
63	197.2	192.2	41.8	17.1	15.8	14.3	12.2	10.5	53.7
64	200.3	195.3	41.1	17.3	16.1	14.5	12.4	10.7	54.6
65	203.4	198.4	40.4	17.6	16.3	14.7	12.6	10.9	55.4
66	206.6	201.6	39.8	17.9	16.6	15.0	12.8	11.1	56.3
67	209.7	204.7	39.2	18.2	16.8	15.2	13.0	11.2	57.1
68	212.8	207.8	38.6	18.4	17.1	15.4	13.2	11.4	58.0

Material: Oil tempered wire

mai



# CANIMEX SPRING CHARTS

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

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 9215 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.8861 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				786	729	657	564	486	
				Turns on spring					
				(Turns)					
24	72.5	67.5	136.5	5.8	5.3	4.8	4.1	3.6	21.3
25	75.5	70.5	130.7	6.0	5.6	5.0	4.3	3.7	22.2
26	78.5	73.5	125.3	6.3	5.8	5.2	4.5	3.9	23.0
27	81.6	76.6	120.4	6.5	6.1	5.5	4.7	4.0	23.9
28	84.6	79.6	115.8	6.8	6.3	5.7	4.9	4.2	24.8
29	87.6	82.6	111.6	7.0	6.5	5.9	5.1	4.4	25.7
30	90.6	85.6	107.6	7.3	6.8	6.1	5.2	4.5	26.6
31	93.7	88.7	103.9	7.6	7.0	6.3	5.4	4.7	27.5
32	96.7	91.7	100.5	7.8	7.2	6.5	5.6	4.8	28.4
33	99.7	94.7	97.3	8.1	7.5	6.8	5.8	5.0	29.2
34	102.7	97.7	94.3	8.3	7.7	7.0	6.0	5.2	30.1
35	105.7	100.7	91.5	8.6	8.0	7.2	6.2	5.3	31.0
36	108.8	103.8	88.8	8.8	8.2	7.4	6.4	5.5	31.9
37	111.8	106.8	86.3	9.1	8.4	7.6	6.5	5.6	32.8
38	114.8	109.8	83.9	9.4	8.7	7.8	6.7	5.8	33.7
39	117.8	112.8	81.7	9.6	8.9	8.0	6.9	5.9	34.6
40	120.8	115.8	79.5	9.9	9.2	8.3	7.1	6.1	35.4
41	123.9	118.9	77.5	10.1	9.4	8.5	7.3	6.3	36.3
42	126.9	121.9	75.6	10.4	9.6	8.7	7.5	6.4	37.2
43	129.9	124.9	73.8	10.6	9.9	8.9	7.6	6.6	38.1
44	132.9	127.9	72.0	10.9	10.1	9.1	7.8	6.7	39.0
45	136.0	131.0	70.4	11.2	10.4	9.3	8.0	6.9	39.9
46	139.0	134.0	68.8	11.4	10.6	9.6	8.2	7.1	40.8
47	142.0	137.0	67.3	11.7	10.8	9.8	8.4	7.2	41.6
48	145.0	140.0	65.8	11.9	11.1	10.0	8.6	7.4	42.5
49	148.0	143.0	64.4	12.2	11.3	10.2	8.8	7.5	43.4
50	151.1	146.1	63.1	12.5	11.5	10.4	8.9	7.7	44.3
51	154.1	149.1	61.8	12.7	11.8	10.6	9.1	7.9	45.2
52	157.1	152.1	60.6	13.0	12.0	10.8	9.3	8.0	46.1
53	160.1	155.1	59.4	13.2	12.3	11.1	9.5	8.2	47.0
54	163.1	158.1	58.3	13.5	12.5	11.3	9.7	8.3	47.8
55	166.2	161.2	57.2	13.7	12.7	11.5	9.9	8.5	48.7
56	169.2	164.2	56.1	14.0	13.0	11.7	10.1	8.7	49.6
57	172.2	167.2	55.1	14.3	13.2	11.9	10.2	8.8	50.5
58	175.2	170.2	54.1	14.5	13.5	12.1	10.4	9.0	51.4
59	178.2	173.2	53.2	14.8	13.7	12.4	10.6	9.1	52.3
60	181.3	176.3	52.3	15.0	13.9	12.6	10.8	9.3	53.2
61	184.3	179.3	51.4	15.3	14.2	12.8	11.0	9.4	54.1
62	187.3	182.3	50.5	15.5	14.4	13.0	11.2	9.6	54.9
63	190.3	185.3	49.7	15.8	14.7	13.2	11.3	9.8	55.8
64	193.4	188.4	48.9	16.1	14.9	13.4	11.5	9.9	56.7
65	196.4	191.4	48.2	16.3	15.1	13.6	11.7	10.1	57.6
66	199.4	194.4	47.4	16.6	15.4	13.9	11.9	10.2	58.5
67	202.4	197.4	46.7	16.8	15.6	14.1	12.1	10.4	59.4
68	205.4	200.4	46.0	17.1	15.8	14.3	12.3	10.6	60.3
69	208.5	203.5	45.3	17.3	16.1	14.5	12.5	10.7	61.1
70	211.5	206.5	44.6	17.6	16.3	14.7	12.6	10.9	62.0
71	214.5	209.5	44.0	17.9	16.6	14.9	12.8	11.0	62.9

Material: Oil tempered wire

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All data for reference only

# CANIMEX SPRING CHARTS

3.500 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) 0.9231	
			Rate (in*lbs*coil/turn) 10677		MIP (in*lbs)					
			IPPT		10	15	25	50		100
			(in*lbs/turn)		873	809	730	627		540
		Turns on spring						Weight of spring (lbs)		
		(Turns)								
26	75.6	70.6	151.1	5.8	5.4	4.8	4.1	3.6	24.0	
27	78.6	73.6	145.2	6.0	5.6	5.0	4.3	3.7	24.9	
28	81.5	76.5	139.6	6.2	5.8	5.2	4.5	3.9	25.8	
29	84.4	79.4	134.5	6.5	6.0	5.4	4.7	4.0	26.8	
30	87.3	82.3	129.8	6.7	6.2	5.6	4.8	4.2	27.7	
31	90.2	85.2	125.3	7.0	6.5	5.8	5.0	4.3	28.6	
32	93.1	88.1	121.2	7.2	6.7	6.0	5.2	4.5	29.5	
33	96.0	91.0	117.3	7.4	6.9	6.2	5.3	4.6	30.5	
34	98.9	93.9	113.7	7.7	7.1	6.4	5.5	4.7	31.4	
35	101.8	96.8	110.3	7.9	7.3	6.6	5.7	4.9	32.3	
36	104.7	99.7	107.1	8.2	7.6	6.8	5.9	5.0	33.2	
37	107.7	102.7	104.0	8.4	7.8	7.0	6.0	5.2	34.2	
38	110.6	105.6	101.2	8.6	8.0	7.2	6.2	5.3	35.1	
39	113.5	108.5	98.4	8.9	8.2	7.4	6.4	5.5	36.0	
40	116.4	111.4	95.9	9.1	8.4	7.6	6.5	5.6	36.9	
41	119.3	114.3	93.4	9.3	8.7	7.8	6.7	5.8	37.8	
42	122.2	117.2	91.1	9.6	8.9	8.0	6.9	5.9	38.8	
43	125.1	120.1	88.9	9.8	9.1	8.2	7.1	6.1	39.7	
44	128.0	123.0	86.8	10.1	9.3	8.4	7.2	6.2	40.6	
45	130.9	125.9	84.8	10.3	9.5	8.6	7.4	6.4	41.5	
46	133.8	128.8	82.9	10.5	9.8	8.8	7.6	6.5	42.5	
47	136.7	131.7	81.0	10.8	10.0	9.0	7.7	6.7	43.4	
48	139.7	134.7	79.3	11.0	10.2	9.2	7.9	6.8	44.3	
49	142.6	137.6	77.6	11.2	10.4	9.4	8.1	7.0	45.2	
50	145.5	140.5	76.0	11.5	10.6	9.6	8.2	7.1	46.2	
51	148.4	143.4	74.5	11.7	10.9	9.8	8.4	7.2	47.1	
52	151.3	146.3	73.0	12.0	11.1	10.0	8.6	7.4	48.0	
53	154.2	149.2	71.6	12.2	11.3	10.2	8.8	7.5	48.9	
54	157.1	152.1	70.2	12.4	11.5	10.4	8.9	7.7	49.8	
55	160.0	155.0	68.9	12.7	11.7	10.6	9.1	7.8	50.8	
56	162.9	157.9	67.6	12.9	12.0	10.8	9.3	8.0	51.7	
57	165.8	160.8	66.4	13.1	12.2	11.0	9.4	8.1	52.6	
58	168.8	163.8	65.2	13.4	12.4	11.2	9.6	8.3	53.5	
59	171.7	166.7	64.1	13.6	12.6	11.4	9.8	8.4	54.5	
60	174.6	169.6	63.0	13.9	12.9	11.6	10.0	8.6	55.4	
61	177.5	172.5	61.9	14.1	13.1	11.8	10.1	8.7	56.3	
62	180.4	175.4	60.9	14.3	13.3	12.0	10.3	8.9	57.2	
63	183.3	178.3	59.9	14.6	13.5	12.2	10.5	9.0	58.2	
64	186.2	181.2	58.9	14.8	13.7	12.4	10.6	9.2	59.1	
65	189.1	184.1	58.0	15.0	14.0	12.6	10.8	9.3	60.0	
66	192.0	187.0	57.1	15.3	14.2	12.8	11.0	9.4	60.9	
67	194.9	189.9	56.2	15.5	14.4	13.0	11.1	9.6	61.8	
68	197.8	192.8	55.4	15.8	14.6	13.2	11.3	9.7	62.8	
69	200.8	195.8	54.5	16.0	14.8	13.4	11.5	9.9	63.7	
70	203.7	198.7	53.7	16.2	15.1	13.6	11.7	10.0	64.6	
71	206.6	201.6	53.0	16.5	15.3	13.8	11.8	10.2	65.5	
72	209.5	204.5	52.2	16.7	15.5	14.0	12.0	10.3	66.5	
73	212.4	207.4	51.5	17.0	15.7	14.2	12.2	10.5	67.4	

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

3.500 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) 0.9784
			Rate (in*lbs*coil/turn) 13148	MIP (in*lbs)					
				10	15	25	50	100	
				1013	939	847	727	626	
			IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)
27	74.5	69.5	189.2	5.4	5.0	4.5	3.8	3.3	26.4
28	77.2	72.2	182.0	5.6	5.2	4.7	4.0	3.4	27.4
29	80.0	75.0	175.3	5.8	5.4	4.8	4.1	3.6	28.4
30	82.8	77.8	169.1	6.0	5.6	5.0	4.3	3.7	29.4
31	85.5	80.5	163.3	6.2	5.7	5.2	4.5	3.8	30.3
32	88.3	83.3	157.9	6.4	5.9	5.4	4.6	4.0	31.3
33	91.0	86.0	152.8	6.6	6.1	5.5	4.8	4.1	32.3
34	93.8	88.8	148.1	6.8	6.3	5.7	4.9	4.2	33.3
35	96.6	91.6	143.6	7.1	6.5	5.9	5.1	4.4	34.2
36	99.3	94.3	139.4	7.3	6.7	6.1	5.2	4.5	35.2
37	102.1	97.1	135.5	7.5	6.9	6.3	5.4	4.6	36.2
38	104.8	99.8	131.7	7.7	7.1	6.4	5.5	4.8	37.2
39	107.6	102.6	128.2	7.9	7.3	6.6	5.7	4.9	38.2
40	110.3	105.3	124.8	8.1	7.5	6.8	5.8	5.0	39.1
41	113.1	108.1	121.6	8.3	7.7	7.0	6.0	5.1	40.1
42	115.9	110.9	118.6	8.5	7.9	7.1	6.1	5.3	41.1
43	118.6	113.6	115.7	8.7	8.1	7.3	6.3	5.4	42.1
44	121.4	116.4	113.0	9.0	8.3	7.5	6.4	5.5	43.0
45	124.1	119.1	110.4	9.2	8.5	7.7	6.6	5.7	44.0
46	126.9	121.9	107.9	9.4	8.7	7.9	6.7	5.8	45.0
47	129.7	124.7	105.5	9.6	8.9	8.0	6.9	5.9	46.0
48	132.4	127.4	103.2	9.8	9.1	8.2	7.0	6.1	47.0
49	135.2	130.2	101.0	10.0	9.3	8.4	7.2	6.2	47.9
50	137.9	132.9	98.9	10.2	9.5	8.6	7.4	6.3	48.9
51	140.7	135.7	96.9	10.4	9.7	8.7	7.5	6.5	49.9
52	143.4	138.4	95.0	10.7	9.9	8.9	7.7	6.6	50.9
53	146.2	141.2	93.1	10.9	10.1	9.1	7.8	6.7	51.9
54	149.0	144.0	91.3	11.1	10.3	9.3	8.0	6.9	52.8
55	151.7	146.7	89.6	11.3	10.5	9.5	8.1	7.0	53.8
56	154.5	149.5	88.0	11.5	10.7	9.6	8.3	7.1	54.8
57	157.2	152.2	86.4	11.7	10.9	9.8	8.4	7.2	55.8
58	160.0	155.0	84.8	11.9	11.1	10.0	8.6	7.4	56.7
59	162.8	157.8	83.3	12.1	11.3	10.2	8.7	7.5	57.7
60	165.5	160.5	81.9	12.4	11.5	10.3	8.9	7.6	58.7
61	168.3	163.3	80.5	12.6	11.7	10.5	9.0	7.8	59.7
62	171.0	166.0	79.2	12.8	11.9	10.7	9.2	7.9	60.7
63	173.8	168.8	77.9	13.0	12.1	10.9	9.3	8.0	61.6
64	176.6	171.6	76.6	13.2	12.3	11.0	9.5	8.2	62.6
65	179.3	174.3	75.4	13.4	12.4	11.2	9.6	8.3	63.6
66	182.1	177.1	74.3	13.6	12.6	11.4	9.8	8.4	64.6
67	184.8	179.8	73.1	13.8	12.8	11.6	9.9	8.6	65.6
68	187.6	182.6	72.0	14.1	13.0	11.8	10.1	8.7	66.5
69	190.3	185.3	70.9	14.3	13.2	11.9	10.3	8.8	67.5
70	193.1	188.1	69.9	14.5	13.4	12.1	10.4	9.0	68.5
71	195.9	190.9	68.9	14.7	13.6	12.3	10.6	9.1	69.5
72	198.6	193.6	67.9	14.9	13.8	12.5	10.7	9.2	70.4
73	201.4	196.4	67.0	15.1	14.0	12.6	10.9	9.3	71.4
74	204.1	199.1	66.0	15.3	14.2	12.8	11.0	9.5	72.4

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

3.500 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)  1.0154
			Rate (in*lbs*coil/turn)  15009	MIP (in*lbs)					
				10	15	25	50	100	
				1113	1032	931	799	688	
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
30	80.0	75.0	200.1	5.6	5.2	4.7	4.0	3.4	30.5
31	82.7	77.7	193.3	5.8	5.3	4.8	4.1	3.6	31.5
32	85.3	80.3	186.8	6.0	5.5	5.0	4.3	3.7	32.5
33	88.0	83.0	180.8	6.2	5.7	5.1	4.4	3.8	33.5
34	90.7	85.7	175.2	6.4	5.9	5.3	4.6	3.9	34.5
35	93.3	88.3	169.9	6.6	6.1	5.5	4.7	4.0	35.5
36	96.0	91.0	164.9	6.7	6.3	5.6	4.8	4.2	36.6
37	98.7	93.7	160.2	6.9	6.4	5.8	5.0	4.3	37.6
38	101.3	96.3	155.8	7.1	6.6	6.0	5.1	4.4	38.6
39	104.0	99.0	151.6	7.3	6.8	6.1	5.3	4.5	39.6
40	106.7	101.7	147.6	7.5	7.0	6.3	5.4	4.7	40.6
41	109.3	104.3	143.9	7.7	7.2	6.5	5.6	4.8	41.6
42	112.0	107.0	140.3	7.9	7.4	6.6	5.7	4.9	42.6
43	114.7	109.7	136.9	8.1	7.5	6.8	5.8	5.0	43.7
44	117.3	112.3	133.6	8.3	7.7	7.0	6.0	5.1	44.7
45	120.0	115.0	130.5	8.5	7.9	7.1	6.1	5.3	45.7
46	122.7	117.7	127.6	8.7	8.1	7.3	6.3	5.4	46.7
47	125.3	120.3	124.7	8.9	8.3	7.5	6.4	5.5	47.7
48	128.0	123.0	122.0	9.1	8.5	7.6	6.6	5.6	48.7
49	130.7	125.7	119.4	9.3	8.6	7.8	6.7	5.8	49.8
50	133.3	128.3	117.0	9.5	8.8	8.0	6.8	5.9	50.8
51	136.0	131.0	114.6	9.7	9.0	8.1	7.0	6.0	51.8
52	138.7	133.7	112.3	9.9	9.2	8.3	7.1	6.1	52.8
53	141.3	136.3	110.1	10.1	9.4	8.5	7.3	6.2	53.8
54	144.0	139.0	108.0	10.3	9.6	8.6	7.4	6.4	54.8
55	146.7	141.7	106.0	10.5	9.7	8.8	7.5	6.5	55.8
56	149.3	144.3	104.0	10.7	9.9	9.0	7.7	6.6	56.9
57	152.0	147.0	102.1	10.9	10.1	9.1	7.8	6.7	57.9
58	154.7	149.7	100.3	11.1	10.3	9.3	8.0	6.9	58.9
59	157.3	152.3	98.5	11.3	10.5	9.4	8.1	7.0	59.9
60	160.0	155.0	96.8	11.5	10.7	9.6	8.3	7.1	60.9
61	162.7	157.7	95.2	11.7	10.8	9.8	8.4	7.2	61.9
62	165.3	160.3	93.6	11.9	11.0	9.9	8.5	7.3	63.0
63	168.0	163.0	92.1	12.1	11.2	10.1	8.7	7.5	64.0
64	170.7	165.7	90.6	12.3	11.4	10.3	8.8	7.6	65.0
65	173.3	168.3	89.2	12.5	11.6	10.4	9.0	7.7	66.0
66	176.0	171.0	87.8	12.7	11.8	10.6	9.1	7.8	67.0
67	178.7	173.7	86.4	12.9	11.9	10.8	9.2	8.0	68.0
68	181.3	176.3	85.1	13.1	12.1	10.9	9.4	8.1	69.0
69	184.0	179.0	83.9	13.3	12.3	11.1	9.5	8.2	70.1
70	186.7	181.7	82.6	13.5	12.5	11.3	9.7	8.3	71.1
71	189.3	184.3	81.4	13.7	12.7	11.4	9.8	8.4	72.1
72	192.0	187.0	80.3	13.9	12.9	11.6	10.0	8.6	73.1
73	194.7	189.7	79.1	14.1	13.0	11.8	10.1	8.7	74.1
74	197.3	192.3	78.0	14.3	13.2	11.9	10.2	8.8	75.1
75	200.0	195.0	77.0	14.5	13.4	12.1	10.4	8.9	76.2
76	202.7	197.7	75.9	14.7	13.6	12.3	10.5	9.1	77.2
77	205.3	200.3	74.9	14.9	13.8	12.4	10.7	9.2	78.2

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

3.500 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) 1.0715
			Rate (in*lbs*coil/turn) 18165	MIP (in*lbs)					
				10	15	25	50	100	
				1276	1183	1067	916	789	
IPPT (in*lbs/turn)			Turns on spring (Turns)					Weight of spring (lbs)	
33	83.8	78.8	230.5	5.5	5.1	4.6	4.0		3.4
34	86.3	81.3	223.3	5.7	5.3	4.8	4.1	3.5	36.4
35	88.9	83.9	216.6	5.9	5.5	4.9	4.2	3.6	37.5
36	91.4	86.4	210.2	6.1	5.6	5.1	4.4	3.8	38.6
37	94.0	89.0	204.2	6.2	5.8	5.2	4.5	3.9	39.6
38	96.5	91.5	198.5	6.4	6.0	5.4	4.6	4.0	40.7
39	99.0	94.0	193.2	6.6	6.1	5.5	4.7	4.1	41.8
40	101.6	96.6	188.1	6.8	6.3	5.7	4.9	4.2	42.9
41	104.1	99.1	183.3	7.0	6.5	5.8	5.0	4.3	43.9
42	106.7	101.7	178.7	7.1	6.6	6.0	5.1	4.4	45.0
43	109.2	104.2	174.3	7.3	6.8	6.1	5.3	4.5	46.1
44	111.7	106.7	170.2	7.5	7.0	6.3	5.4	4.6	47.1
45	114.3	109.3	166.2	7.7	7.1	6.4	5.5	4.7	48.2
46	116.8	111.8	162.5	7.9	7.3	6.6	5.6	4.9	49.3
47	119.3	114.3	158.9	8.0	7.4	6.7	5.8	5.0	50.4
48	121.9	116.9	155.4	8.2	7.6	6.9	5.9	5.1	51.4
49	124.4	119.4	152.1	8.4	7.8	7.0	6.0	5.2	52.5
50	127.0	122.0	148.9	8.6	7.9	7.2	6.2	5.3	53.6
51	129.5	124.5	145.9	8.7	8.1	7.3	6.3	5.4	54.6
52	132.0	127.0	143.0	8.9	8.3	7.5	6.4	5.5	55.7
53	134.6	129.6	140.2	9.1	8.4	7.6	6.5	5.6	56.8
54	137.1	132.1	137.5	9.3	8.6	7.8	6.7	5.7	57.9
55	139.7	134.7	134.9	9.5	8.8	7.9	6.8	5.8	58.9
56	142.2	137.2	132.4	9.6	8.9	8.1	6.9	6.0	60.0
57	144.7	139.7	130.0	9.8	9.1	8.2	7.0	6.1	61.1
58	147.3	142.3	127.7	10.0	9.3	8.4	7.2	6.2	62.1
59	149.8	144.8	125.4	10.2	9.4	8.5	7.3	6.3	63.2
60	152.4	147.4	123.3	10.3	9.6	8.7	7.4	6.4	64.3
61	154.9	149.9	121.2	10.5	9.8	8.8	7.6	6.5	65.4
62	157.4	152.4	119.2	10.7	9.9	9.0	7.7	6.6	66.4
63	160.0	155.0	117.2	10.9	10.1	9.1	7.8	6.7	67.5
64	162.5	157.5	115.3	11.1	10.3	9.3	7.9	6.8	68.6
65	165.1	160.1	113.5	11.2	10.4	9.4	8.1	6.9	69.6
66	167.6	162.6	111.7	11.4	10.6	9.6	8.2	7.1	70.7
67	170.1	165.1	110.0	11.6	10.8	9.7	8.3	7.2	71.8
68	172.7	167.7	108.3	11.8	10.9	9.8	8.5	7.3	72.9
69	175.2	170.2	106.7	12.0	11.1	10.0	8.6	7.4	73.9
70	177.8	172.8	105.2	12.1	11.3	10.1	8.7	7.5	75.0
71	180.3	175.3	103.6	12.3	11.4	10.3	8.8	7.6	76.1
72	182.8	177.8	102.1	12.5	11.6	10.4	9.0	7.7	77.1
73	185.4	180.4	100.7	12.7	11.7	10.6	9.1	7.8	78.2
74	187.9	182.9	99.3	12.8	11.9	10.7	9.2	7.9	79.3
75	190.5	185.5	98.0	13.0	12.1	10.9	9.4	8.1	80.4
76	193.0	188.0	96.6	13.2	12.2	11.0	9.5	8.2	81.4
77	195.5	190.5	95.3	13.4	12.4	11.2	9.6	8.3	82.5
78	198.1	193.1	94.1	13.6	12.6	11.3	9.7	8.4	83.6
79	200.6	195.6	92.9	13.7	12.7	11.5	9.9	8.5	84.6
80	203.1	198.1	91.7	13.9	12.9	11.6	10.0	8.6	85.7

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 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)
			Rate (in*lbs*coil/turn)	MIP (in*lbs)					
				10	15	25	50	100	
				20498	1391	1290	1163	999	
IPPT	Turns on spring					Weight of spring (lbs)			
(in*lbs/turn)	(Turns)								
37	91.1	86.1	238.1	5.8	5.4	4.9	4.2	3.6	41.0
38	93.5	88.5	231.5	6.0	5.6	5.0	4.3	3.7	42.1
39	96.0	91.0	225.2	6.2	5.7	5.2	4.4	3.8	43.2
40	98.5	93.5	219.3	6.3	5.9	5.3	4.6	3.9	44.3
41	100.9	95.9	213.7	6.5	6.0	5.4	4.7	4.0	45.5
42	103.4	98.4	208.3	6.7	6.2	5.6	4.8	4.1	46.6
43	105.9	100.9	203.2	6.8	6.3	5.7	4.9	4.2	47.7
44	108.3	103.3	198.4	7.0	6.5	5.9	5.0	4.3	48.8
45	110.8	105.8	193.8	7.2	6.7	6.0	5.2	4.4	49.9
46	113.2	108.2	189.4	7.3	6.8	6.1	5.3	4.5	51.0
47	115.7	110.7	185.2	7.5	7.0	6.3	5.4	4.6	52.1
48	118.2	113.2	181.1	7.7	7.1	6.4	5.5	4.7	53.2
49	120.6	115.6	177.3	7.8	7.3	6.6	5.6	4.9	54.3
50	123.1	118.1	173.6	8.0	7.4	6.7	5.8	5.0	55.4
51	125.6	120.6	170.0	8.2	7.6	6.8	5.9	5.1	56.5
52	128.0	123.0	166.6	8.3	7.7	7.0	6.0	5.2	57.7
53	130.5	125.5	163.4	8.5	7.9	7.1	6.1	5.3	58.8
54	132.9	127.9	160.2	8.7	8.1	7.3	6.2	5.4	59.9
55	135.4	130.4	157.2	8.8	8.2	7.4	6.4	5.5	61.0
56	137.9	132.9	154.3	9.0	8.4	7.5	6.5	5.6	62.1
57	140.3	135.3	151.5	9.2	8.5	7.7	6.6	5.7	63.2
58	142.8	137.8	148.8	9.4	8.7	7.8	6.7	5.8	64.3
59	145.2	140.2	146.2	9.5	8.8	8.0	6.8	5.9	65.4
60	147.7	142.7	143.6	9.7	9.0	8.1	7.0	6.0	66.5
61	150.2	145.2	141.2	9.9	9.1	8.2	7.1	6.1	67.6
62	152.6	147.6	138.8	10.0	9.3	8.4	7.2	6.2	68.7
63	155.1	150.1	136.6	10.2	9.4	8.5	7.3	6.3	69.9
64	157.6	152.6	134.4	10.4	9.6	8.7	7.4	6.4	71.0
65	160.0	155.0	132.2	10.5	9.8	8.8	7.6	6.5	72.1
66	162.5	157.5	130.2	10.7	9.9	8.9	7.7	6.6	73.2
67	164.9	159.9	128.2	10.9	10.1	9.1	7.8	6.7	74.3
68	167.4	162.4	126.2	11.0	10.2	9.2	7.9	6.8	75.4
69	169.9	164.9	124.3	11.2	10.4	9.4	8.0	6.9	76.5
70	172.3	167.3	122.5	11.4	10.5	9.5	8.2	7.0	77.6
71	174.8	169.8	120.7	11.5	10.7	9.6	8.3	7.1	78.7
72	177.3	172.3	119.0	11.7	10.8	9.8	8.4	7.2	79.8
73	179.7	174.7	117.3	11.9	11.0	9.9	8.5	7.3	80.9
74	182.2	177.2	115.7	12.0	11.1	10.1	8.6	7.4	82.0
75	184.6	179.6	114.1	12.2	11.3	10.2	8.8	7.5	83.2
76	187.1	182.1	112.6	12.4	11.5	10.3	8.9	7.6	84.3
77	189.6	184.6	111.1	12.5	11.6	10.5	9.0	7.7	85.4
78	192.0	187.0	109.6	12.7	11.8	10.6	9.1	7.8	86.5
79	194.5	189.5	108.2	12.9	11.9	10.8	9.2	7.9	87.6
80	196.9	191.9	106.8	13.0	12.1	10.9	9.4	8.1	88.7
81	199.4	194.4	105.4	13.2	12.2	11.0	9.5	8.2	89.8
82	201.9	196.9	104.1	13.4	12.4	11.2	9.6	8.3	90.9
83	204.3	199.3	102.8	13.5	12.5	11.3	9.7	8.4	92.0
84	206.8	201.8	101.6	13.7	12.7	11.5	9.8	8.5	93.1

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.5 Coil diameter (in)  
 0.4218 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)					
				23738	1545	1433	1292		1110
IPPT (in*lbs/turn)	Turns on spring					Weight of spring (lbs)			
	(Turns)								
39	92.5	87.5	271.4	5.7	5.3	4.8	4.1	3.5	45.1
40	94.8	89.8	264.3	5.8	5.4	4.9	4.2	3.6	46.2
41	97.2	92.2	257.5	6.0	5.6	5.0	4.3	3.7	47.4
42	99.6	94.6	251.0	6.2	5.7	5.1	4.4	3.8	48.5
43	101.9	96.9	244.9	6.3	5.9	5.3	4.5	3.9	49.7
44	104.3	99.3	239.0	6.5	6.0	5.4	4.6	4.0	50.9
45	106.7	101.7	233.5	6.6	6.1	5.5	4.8	4.1	52.0
46	109.1	104.1	228.1	6.8	6.3	5.7	4.9	4.2	53.2
47	111.4	106.4	223.1	6.9	6.4	5.8	5.0	4.3	54.3
48	113.8	108.8	218.2	7.1	6.6	5.9	5.1	4.4	55.5
49	116.2	111.2	213.5	7.2	6.7	6.1	5.2	4.5	56.6
50	118.5	113.5	209.1	7.4	6.9	6.2	5.3	4.6	57.8
51	120.9	115.9	204.8	7.5	7.0	6.3	5.4	4.7	59.0
52	123.3	118.3	200.7	7.7	7.1	6.4	5.5	4.8	60.1
53	125.7	120.7	196.8	7.9	7.3	6.6	5.6	4.9	61.3
54	128.0	123.0	193.0	8.0	7.4	6.7	5.8	5.0	62.4
55	130.4	125.4	189.3	8.2	7.6	6.8	5.9	5.0	63.6
56	132.8	127.8	185.8	8.3	7.7	7.0	6.0	5.1	64.7
57	135.1	130.1	182.4	8.5	7.9	7.1	6.1	5.2	65.9
58	137.5	132.5	179.2	8.6	8.0	7.2	6.2	5.3	67.0
59	139.9	134.9	176.0	8.8	8.1	7.3	6.3	5.4	68.2
60	142.2	137.2	173.0	8.9	8.3	7.5	6.4	5.5	69.4
61	144.6	139.6	170.0	9.1	8.4	7.6	6.5	5.6	70.5
62	147.0	142.0	167.2	9.2	8.6	7.7	6.6	5.7	71.7
63	149.4	144.4	164.4	9.4	8.7	7.9	6.7	5.8	72.8
64	151.7	146.7	161.8	9.6	8.9	8.0	6.9	5.9	74.0
65	154.1	149.1	159.2	9.7	9.0	8.1	7.0	6.0	75.1
66	156.5	151.5	156.7	9.9	9.1	8.2	7.1	6.1	76.3
67	158.8	153.8	154.3	10.0	9.3	8.4	7.2	6.2	77.4
68	161.2	156.2	152.0	10.2	9.4	8.5	7.3	6.3	78.6
69	163.6	158.6	149.7	10.3	9.6	8.6	7.4	6.4	79.8
70	166.0	161.0	147.5	10.5	9.7	8.8	7.5	6.5	80.9
71	168.3	163.3	145.3	10.6	9.9	8.9	7.6	6.6	82.1
72	170.7	165.7	143.3	10.8	10.0	9.0	7.7	6.7	83.2
73	173.1	168.1	141.2	10.9	10.1	9.2	7.9	6.8	84.4
74	175.4	170.4	139.3	11.1	10.3	9.3	8.0	6.9	85.5
75	177.8	172.8	137.4	11.2	10.4	9.4	8.1	7.0	86.7
76	180.2	175.2	135.5	11.4	10.6	9.5	8.2	7.0	87.8
77	182.6	177.6	133.7	11.6	10.7	9.7	8.3	7.1	89.0
78	184.9	179.9	131.9	11.7	10.9	9.8	8.4	7.2	90.2
79	187.3	182.3	130.2	11.9	11.0	9.9	8.5	7.3	91.3
80	189.7	184.7	128.6	12.0	11.1	10.1	8.6	7.4	92.5
81	192.0	187.0	126.9	12.2	11.3	10.2	8.7	7.5	93.6
82	194.4	189.4	125.3	12.3	11.4	10.3	8.9	7.6	94.8
83	196.8	191.8	123.8	12.5	11.6	10.4	9.0	7.7	95.9
84	199.1	194.1	122.3	12.6	11.7	10.6	9.1	7.8	97.1
85	201.5	196.5	120.8	12.8	11.9	10.7	9.2	7.9	98.3
86	203.9	198.9	119.4	12.9	12.0	10.8	9.3	8.0	99.4

Material: Oil tempered wire

mai



# CANIMEX SPRING CHARTS

3.5 Coil diameter (in)  
 0.4305 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 25701 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.1824 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				1636	1517	1368	1175	1011	
				Turns on spring					
				(Turns)					
41	95.2	90.2	284.8	5.7	5.3	4.8	4.1	3.6	48.5
42	97.6	92.6	277.7	5.9	5.5	4.9	4.2	3.6	49.7
43	99.9	94.9	270.9	6.0	5.6	5.1	4.3	3.7	50.8
44	102.2	97.2	264.4	6.2	5.7	5.2	4.4	3.8	52.0
45	104.5	99.5	258.2	6.3	5.9	5.3	4.5	3.9	53.2
46	106.9	101.9	252.3	6.5	6.0	5.4	4.7	4.0	54.4
47	109.2	104.2	246.7	6.6	6.1	5.5	4.8	4.1	55.6
48	111.5	106.5	241.3	6.8	6.3	5.7	4.9	4.2	56.8
49	113.8	108.8	236.2	6.9	6.4	5.8	5.0	4.3	57.9
50	116.1	111.1	231.2	7.1	6.6	5.9	5.1	4.4	59.1
51	118.5	113.5	226.5	7.2	6.7	6.0	5.2	4.5	60.3
52	120.8	115.8	222.0	7.4	6.8	6.2	5.3	4.6	61.5
53	123.1	118.1	217.6	7.5	7.0	6.3	5.4	4.6	62.7
54	125.4	120.4	213.4	7.7	7.1	6.4	5.5	4.7	63.8
55	127.8	122.8	209.4	7.8	7.2	6.5	5.6	4.8	65.0
56	130.1	125.1	205.5	8.0	7.4	6.7	5.7	4.9	66.2
57	132.4	127.4	201.7	8.1	7.5	6.8	5.8	5.0	67.4
58	134.7	129.7	198.1	8.3	7.7	6.9	5.9	5.1	68.6
59	137.0	132.0	194.6	8.4	7.8	7.0	6.0	5.2	69.8
60	139.4	134.4	191.3	8.6	7.9	7.2	6.1	5.3	70.9
61	141.7	136.7	188.0	8.7	8.1	7.3	6.2	5.4	72.1
62	144.0	139.0	184.9	8.8	8.2	7.4	6.4	5.5	73.3
63	146.3	141.3	181.8	9.0	8.3	7.5	6.5	5.6	74.5
64	148.7	143.7	178.9	9.1	8.5	7.6	6.6	5.7	75.7
65	151.0	146.0	176.1	9.3	8.6	7.8	6.7	5.7	76.9
66	153.3	148.3	173.3	9.4	8.8	7.9	6.8	5.8	78.0
67	155.6	150.6	170.6	9.6	8.9	8.0	6.9	5.9	79.2
68	158.0	153.0	168.0	9.7	9.0	8.1	7.0	6.0	80.4
69	160.3	155.3	165.5	9.9	9.2	8.3	7.1	6.1	81.6
70	162.6	157.6	163.1	10.0	9.3	8.4	7.2	6.2	82.8
71	164.9	159.9	160.7	10.2	9.4	8.5	7.3	6.3	83.9
72	167.2	162.2	158.4	10.3	9.6	8.6	7.4	6.4	85.1
73	169.6	164.6	156.2	10.5	9.7	8.8	7.5	6.5	86.3
74	171.9	166.9	154.0	10.6	9.8	8.9	7.6	6.6	87.5
75	174.2	169.2	151.9	10.8	10.0	9.0	7.7	6.7	88.7
76	176.5	171.5	149.8	10.9	10.1	9.1	7.8	6.7	89.9
77	178.9	173.9	147.8	11.1	10.3	9.3	7.9	6.8	91.0
78	181.2	176.2	145.9	11.2	10.4	9.4	8.1	6.9	92.2
79	183.5	178.5	144.0	11.4	10.5	9.5	8.2	7.0	93.4
80	185.8	180.8	142.1	11.5	10.7	9.6	8.3	7.1	94.6
81	188.2	183.2	140.3	11.7	10.8	9.7	8.4	7.2	95.8
82	190.5	185.5	138.6	11.8	10.9	9.9	8.5	7.3	97.0
83	192.8	187.8	136.9	12.0	11.1	10.0	8.6	7.4	98.1
84	195.1	190.1	135.2	12.1	11.2	10.1	8.7	7.5	99.3
85	197.4	192.4	133.6	12.2	11.4	10.2	8.8	7.6	100.5
86	199.8	194.8	132.0	12.4	11.5	10.4	8.9	7.7	101.7
87	202.1	197.1	130.4	12.5	11.6	10.5	9.0	7.8	102.9
88	204.4	199.4	128.9	12.7	11.8	10.6	9.1	7.8	104.0

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.5 Coil diameter (in)  
 0.4375 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 27366 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.2037 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				1711	1587	1431	1229	1058	
				Turns on spring					
				(Turns)					
43	98.3	93.3	293.4	5.8	5.4	4.9	4.2	3.6	51.8
44	100.6	95.6	286.3	6.0	5.5	5.0	4.3	3.7	53.0
45	102.9	97.9	279.7	6.1	5.7	5.1	4.4	3.8	54.2
46	105.1	100.1	273.3	6.3	5.8	5.2	4.5	3.9	55.4
47	107.4	102.4	267.2	6.4	5.9	5.4	4.6	4.0	56.6
48	109.7	104.7	261.3	6.5	6.1	5.5	4.7	4.0	57.8
49	112.0	107.0	255.8	6.7	6.2	5.6	4.8	4.1	59.0
50	114.3	109.3	250.4	6.8	6.3	5.7	4.9	4.2	60.2
51	116.6	111.6	245.3	7.0	6.5	5.8	5.0	4.3	61.4
52	118.9	113.9	240.4	7.1	6.6	6.0	5.1	4.4	62.6
53	121.1	116.1	235.6	7.3	6.7	6.1	5.2	4.5	63.8
54	123.4	118.4	231.1	7.4	6.9	6.2	5.3	4.6	65.0
55	125.7	120.7	226.7	7.5	7.0	6.3	5.4	4.7	66.2
56	128.0	123.0	222.5	7.7	7.1	6.4	5.5	4.8	67.4
57	130.3	125.3	218.4	7.8	7.3	6.6	5.6	4.8	68.6
58	132.6	127.6	214.5	8.0	7.4	6.7	5.7	4.9	69.8
59	134.9	129.9	210.7	8.1	7.5	6.8	5.8	5.0	71.0
60	137.1	132.1	207.1	8.3	7.7	6.9	5.9	5.1	72.2
61	139.4	134.4	203.6	8.4	7.8	7.0	6.0	5.2	73.4
62	141.7	136.7	200.2	8.5	7.9	7.1	6.1	5.3	74.6
63	144.0	139.0	196.9	8.7	8.1	7.3	6.2	5.4	75.8
64	146.3	141.3	193.7	8.8	8.2	7.4	6.3	5.5	77.0
65	148.6	143.6	190.6	9.0	8.3	7.5	6.4	5.5	78.2
66	150.9	145.9	187.6	9.1	8.5	7.6	6.6	5.6	79.4
67	153.1	148.1	184.7	9.3	8.6	7.7	6.7	5.7	80.7
68	155.4	150.4	181.9	9.4	8.7	7.9	6.8	5.8	81.9
69	157.7	152.7	179.2	9.5	8.9	8.0	6.9	5.9	83.1
70	160.0	155.0	176.6	9.7	9.0	8.1	7.0	6.0	84.3
71	162.3	157.3	174.0	9.8	9.1	8.2	7.1	6.1	85.5
72	164.6	159.6	171.5	10.0	9.3	8.3	7.2	6.2	86.7
73	166.9	161.9	169.1	10.1	9.4	8.5	7.3	6.3	87.9
74	169.1	164.1	166.7	10.3	9.5	8.6	7.4	6.3	89.1
75	171.4	166.4	164.4	10.4	9.6	8.7	7.5	6.4	90.3
76	173.7	168.7	162.2	10.5	9.8	8.8	7.6	6.5	91.5
77	176.0	171.0	160.0	10.7	9.9	8.9	7.7	6.6	92.7
78	178.3	173.3	157.9	10.8	10.0	9.1	7.8	6.7	93.9
79	180.6	175.6	155.9	11.0	10.2	9.2	7.9	6.8	95.1
80	182.9	177.9	153.9	11.1	10.3	9.3	8.0	6.9	96.3
81	185.1	180.1	151.9	11.3	10.4	9.4	8.1	7.0	97.5
82	187.4	182.4	150.0	11.4	10.6	9.5	8.2	7.1	98.7
83	189.7	184.7	148.2	11.6	10.7	9.7	8.3	7.1	99.9
84	192.0	187.0	146.3	11.7	10.8	9.8	8.4	7.2	101.1
85	194.3	189.3	144.6	11.8	11.0	9.9	8.5	7.3	102.3
86	196.6	191.6	142.9	12.0	11.1	10.0	8.6	7.4	103.5
87	198.9	193.9	141.2	12.1	11.2	10.1	8.7	7.5	104.7
88	201.1	196.1	139.5	12.3	11.4	10.3	8.8	7.6	105.9
89	203.4	198.4	137.9	12.4	11.5	10.4	8.9	7.7	107.1
90	205.7	200.7	136.3	12.6	11.6	10.5	9.0	7.8	108.3

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.5 Coil diameter (in)  
 0.4531 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in)	Weight of spring (lbs)
			Rate (in*lbs*coil/turn)						
			MIP (in*lbs)						
			10	15	25	50	100		
			31358	1887	1750	1578	1355	1166	1.2516
			IPPT	Turns on spring					
			(in*lbs/turn)	(Turns)					
46	101.5	96.5	324.9	5.8	5.4	4.9	4.2	3.6	57.6
47	103.7	98.7	317.6	5.9	5.5	5.0	4.3	3.7	58.8
48	105.9	100.9	310.7	6.1	5.6	5.1	4.4	3.8	60.1
49	108.1	103.1	304.0	6.2	5.8	5.2	4.5	3.8	61.3
50	110.4	105.4	297.7	6.3	5.9	5.3	4.6	3.9	62.6
51	112.6	107.6	291.6	6.5	6.0	5.4	4.6	4.0	63.8
52	114.8	109.8	285.7	6.6	6.1	5.5	4.7	4.1	65.1
53	117.0	112.0	280.1	6.7	6.2	5.6	4.8	4.2	66.3
54	119.2	114.2	274.6	6.9	6.4	5.7	4.9	4.2	67.6
55	121.4	116.4	269.4	7.0	6.5	5.9	5.0	4.3	68.8
56	123.6	118.6	264.4	7.1	6.6	6.0	5.1	4.4	70.1
57	125.8	120.8	259.6	7.3	6.7	6.1	5.2	4.5	71.3
58	128.0	123.0	254.9	7.4	6.9	6.2	5.3	4.6	72.6
59	130.2	125.2	250.4	7.5	7.0	6.3	5.4	4.7	73.8
60	132.4	127.4	246.1	7.7	7.1	6.4	5.5	4.7	75.1
61	134.6	129.6	241.9	7.8	7.2	6.5	5.6	4.8	76.3
62	136.8	131.8	237.9	7.9	7.4	6.6	5.7	4.9	77.6
63	139.0	134.0	233.9	8.1	7.5	6.7	5.8	5.0	78.9
64	141.2	136.2	230.2	8.2	7.6	6.9	5.9	5.1	80.1
65	143.5	138.5	226.5	8.3	7.7	7.0	6.0	5.2	81.4
66	145.7	140.7	222.9	8.5	7.8	7.1	6.1	5.2	82.6
67	147.9	142.9	219.5	8.6	8.0	7.2	6.2	5.3	83.9
68	150.1	145.1	216.2	8.7	8.1	7.3	6.3	5.4	85.1
69	152.3	147.3	212.9	8.9	8.2	7.4	6.4	5.5	86.4
70	154.5	149.5	209.8	9.0	8.3	7.5	6.5	5.6	87.6
71	156.7	151.7	206.7	9.1	8.5	7.6	6.6	5.6	88.9
72	158.9	153.9	203.8	9.3	8.6	7.7	6.7	5.7	90.1
73	161.1	156.1	200.9	9.4	8.7	7.9	6.7	5.8	91.4
74	163.3	158.3	198.1	9.5	8.8	8.0	6.8	5.9	92.6
75	165.5	160.5	195.3	9.7	9.0	8.1	6.9	6.0	93.9
76	167.7	162.7	192.7	9.8	9.1	8.2	7.0	6.1	95.1
77	169.9	164.9	190.1	9.9	9.2	8.3	7.1	6.1	96.4
78	172.1	167.1	187.6	10.1	9.3	8.4	7.2	6.2	97.6
79	174.4	169.4	185.2	10.2	9.4	8.5	7.3	6.3	98.9
80	176.6	171.6	182.8	10.3	9.6	8.6	7.4	6.4	100.1
81	178.8	173.8	180.5	10.5	9.7	8.7	7.5	6.5	101.4
82	181.0	176.0	178.2	10.6	9.8	8.9	7.6	6.5	102.6
83	183.2	178.2	176.0	10.7	9.9	9.0	7.7	6.6	103.9
84	185.4	180.4	173.8	10.9	10.1	9.1	7.8	6.7	105.1
85	187.6	182.6	171.7	11.0	10.2	9.2	7.9	6.8	106.4
86	189.8	184.8	169.7	11.1	10.3	9.3	8.0	6.9	107.6
87	192.0	187.0	167.7	11.3	10.4	9.4	8.1	7.0	108.9
88	194.2	189.2	165.7	11.4	10.6	9.5	8.2	7.0	110.1
89	196.4	191.4	163.8	11.5	10.7	9.6	8.3	7.1	111.4
90	198.6	193.6	162.0	11.7	10.8	9.7	8.4	7.2	112.6
91	200.8	195.8	160.1	11.8	10.9	9.9	8.5	7.3	113.9
92	203.0	198.0	158.3	11.9	11.1	10.0	8.6	7.4	115.1
93	205.3	200.3	156.6	12.0	11.2	10.1	8.7	7.4	116.4

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 Coil diameter (in)  
 0.4615 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 33678 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.2775 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				1986	1842	1661	1426	1228	
				Turns on spring (Turns)					
49	106.2	101.2	332.9	6.0	5.5	5.0	4.3	3.7	62.6
50	108.3	103.3	325.9	6.1	5.7	5.1	4.4	3.8	63.9
51	110.5	105.5	319.2	6.2	5.8	5.2	4.5	3.8	65.2
52	112.7	107.7	312.8	6.4	5.9	5.3	4.6	3.9	66.4
53	114.8	109.8	306.6	6.5	6.0	5.4	4.7	4.0	67.7
54	117.0	112.0	300.7	6.6	6.1	5.5	4.7	4.1	69.0
55	119.2	114.2	295.0	6.7	6.2	5.6	4.8	4.2	70.3
56	121.3	116.3	289.5	6.9	6.4	5.7	4.9	4.2	71.5
57	123.5	118.5	284.2	7.0	6.5	5.8	5.0	4.3	72.8
58	125.7	120.7	279.1	7.1	6.6	6.0	5.1	4.4	74.1
59	127.8	122.8	274.2	7.2	6.7	6.1	5.2	4.5	75.4
60	130.0	125.0	269.4	7.4	6.8	6.2	5.3	4.6	76.7
61	132.2	127.2	264.8	7.5	7.0	6.3	5.4	4.6	77.9
62	134.3	129.3	260.4	7.6	7.1	6.4	5.5	4.7	79.2
63	136.5	131.5	256.1	7.8	7.2	6.5	5.6	4.8	80.5
64	138.7	133.7	251.9	7.9	7.3	6.6	5.7	4.9	81.8
65	140.8	135.8	247.9	8.0	7.4	6.7	5.8	5.0	83.0
66	143.0	138.0	244.0	8.1	7.5	6.8	5.8	5.0	84.3
67	145.2	140.2	240.3	8.3	7.7	6.9	5.9	5.1	85.6
68	147.3	142.3	236.6	8.4	7.8	7.0	6.0	5.2	86.9
69	149.5	144.5	233.0	8.5	7.9	7.1	6.1	5.3	88.1
70	151.7	146.7	229.6	8.7	8.0	7.2	6.2	5.3	89.4
71	153.8	148.8	226.3	8.8	8.1	7.3	6.3	5.4	90.7
72	156.0	151.0	223.0	8.9	8.3	7.4	6.4	5.5	92.0
73	158.2	153.2	219.9	9.0	8.4	7.6	6.5	5.6	93.3
74	160.3	155.3	216.8	9.2	8.5	7.7	6.6	5.7	94.5
75	162.5	157.5	213.8	9.3	8.6	7.8	6.7	5.7	95.8
76	164.7	159.7	210.9	9.4	8.7	7.9	6.8	5.8	97.1
77	166.8	161.8	208.1	9.5	8.9	8.0	6.9	5.9	98.4
78	169.0	164.0	205.3	9.7	9.0	8.1	6.9	6.0	99.6
79	171.2	166.2	202.7	9.8	9.1	8.2	7.0	6.1	100.9
80	173.3	168.3	200.1	9.9	9.2	8.3	7.1	6.1	102.2
81	175.5	170.5	197.5	10.1	9.3	8.4	7.2	6.2	103.5
82	177.7	172.7	195.0	10.2	9.4	8.5	7.3	6.3	104.8
83	179.8	174.8	192.6	10.3	9.6	8.6	7.4	6.4	106.0
84	182.0	177.0	190.3	10.4	9.7	8.7	7.5	6.5	107.3
85	184.2	179.2	188.0	10.6	9.8	8.8	7.6	6.5	108.6
86	186.3	181.3	185.7	10.7	9.9	8.9	7.7	6.6	109.9
87	188.5	183.5	183.5	10.8	10.0	9.1	7.8	6.7	111.1
88	190.7	185.7	181.4	11.0	10.2	9.2	7.9	6.8	112.4
89	192.8	187.8	179.3	11.1	10.3	9.3	8.0	6.8	113.7
90	195.0	190.0	177.2	11.2	10.4	9.4	8.0	6.9	115.0
91	197.2	192.2	175.2	11.3	10.5	9.5	8.1	7.0	116.3
92	199.3	194.3	173.3	11.5	10.6	9.6	8.2	7.1	117.5
93	201.5	196.5	171.4	11.6	10.7	9.7	8.3	7.2	118.8
94	203.7	198.7	169.5	11.7	10.9	9.8	8.4	7.2	120.1
95	205.9	200.9	167.7	11.8	11.0	9.9	8.5	7.3	121.4
96	208.0	203.0	165.9	12.0	11.1	10.0	8.6	7.4	122.6

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

3.500 Coil diameter (in)  
 0.4687 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 35764 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 1.2998 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				2074	1923	1734	1489	1282	
				Turns on spring (Turns)					
51	108.8	103.8	344.5	6.0	5.6	5.0	4.3	3.7	66.3
52	110.9	105.9	337.6	6.1	5.7	5.1	4.4	3.8	67.6
53	113.1	108.1	330.9	6.3	5.8	5.2	4.5	3.9	68.9
54	115.2	110.2	324.5	6.4	5.9	5.3	4.6	4.0	70.2
55	117.3	112.3	318.3	6.5	6.0	5.4	4.7	4.0	71.5
56	119.5	114.5	312.4	6.6	6.2	5.6	4.8	4.1	72.8
57	121.6	116.6	306.7	6.8	6.3	5.7	4.9	4.2	74.1
58	123.7	118.7	301.2	6.9	6.4	5.8	4.9	4.3	75.4
59	125.9	120.9	295.9	7.0	6.5	5.9	5.0	4.3	76.7
60	128.0	123.0	290.7	7.1	6.6	6.0	5.1	4.4	78.0
61	130.1	125.1	285.8	7.3	6.7	6.1	5.2	4.5	79.3
62	132.3	127.3	281.0	7.4	6.8	6.2	5.3	4.6	80.6
63	134.4	129.4	276.4	7.5	7.0	6.3	5.4	4.6	81.9
64	136.5	131.5	271.9	7.6	7.1	6.4	5.5	4.7	83.2
65	138.7	133.7	267.5	7.8	7.2	6.5	5.6	4.8	84.5
66	140.8	135.8	263.3	7.9	7.3	6.6	5.7	4.9	85.8
67	142.9	137.9	259.3	8.0	7.4	6.7	5.7	4.9	87.1
68	145.1	140.1	255.3	8.1	7.5	6.8	5.8	5.0	88.4
69	147.2	142.2	251.5	8.2	7.6	6.9	5.9	5.1	89.7
70	149.3	144.3	247.8	8.4	7.8	7.0	6.0	5.2	91.0
71	151.5	146.5	244.2	8.5	7.9	7.1	6.1	5.3	92.3
72	153.6	148.6	240.7	8.6	8.0	7.2	6.2	5.3	93.6
73	155.7	150.7	237.2	8.7	8.1	7.3	6.3	5.4	94.9
74	157.9	152.9	233.9	8.9	8.2	7.4	6.4	5.5	96.2
75	160.0	155.0	230.7	9.0	8.3	7.5	6.5	5.6	97.5
76	162.2	157.2	227.6	9.1	8.4	7.6	6.5	5.6	98.8
77	164.3	159.3	224.5	9.2	8.6	7.7	6.6	5.7	100.1
78	166.4	161.4	221.6	9.4	8.7	7.8	6.7	5.8	101.4
79	168.6	163.6	218.7	9.5	8.8	7.9	6.8	5.9	102.7
80	170.7	165.7	215.9	9.6	8.9	8.0	6.9	5.9	104.0
81	172.8	167.8	213.1	9.7	9.0	8.1	7.0	6.0	105.3
82	175.0	170.0	210.4	9.9	9.1	8.2	7.1	6.1	106.6
83	177.1	172.1	207.8	10.0	9.3	8.3	7.2	6.2	107.9
84	179.2	174.2	205.3	10.1	9.4	8.4	7.3	6.2	109.2
85	181.4	176.4	202.8	10.2	9.5	8.6	7.3	6.3	110.5
86	183.5	178.5	200.4	10.3	9.6	8.7	7.4	6.4	111.8
87	185.6	180.6	198.0	10.5	9.7	8.8	7.5	6.5	113.1
88	187.8	182.8	195.7	10.6	9.8	8.9	7.6	6.6	114.4
89	189.9	184.9	193.4	10.7	9.9	9.0	7.7	6.6	115.7
90	192.0	187.0	191.2	10.8	10.1	9.1	7.8	6.7	117.0
91	194.2	189.2	189.1	11.0	10.2	9.2	7.9	6.8	118.3
92	196.3	191.3	187.0	11.1	10.3	9.3	8.0	6.9	119.6
93	198.4	193.4	184.9	11.2	10.4	9.4	8.1	6.9	120.9
94	200.6	195.6	182.9	11.3	10.5	9.5	8.1	7.0	122.2
95	202.7	197.7	180.9	11.5	10.6	9.6	8.2	7.1	123.5
96	204.8	199.8	179.0	11.6	10.7	9.7	8.3	7.2	124.8
97	207.0	202.0	177.1	11.7	10.9	9.8	8.4	7.2	126.1
98	209.1	204.1	175.2	11.8	11.0	9.9	8.5	7.3	127.4

Material: Oil tempered wire

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