

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.148 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 743 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.1963 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				83	77	69	60	51	
				Turns on spring					
				(Turns)					
9	60.8	55.8	13.3	6.2	5.8	5.2	4.5	3.9	1.8
10	67.6	62.6	11.9	7.0	6.5	5.8	5.0	4.3	2.0
11	74.3	69.3	10.7	7.7	7.2	6.5	5.6	4.8	2.2
12	81.1	76.1	9.8	8.5	7.9	7.1	6.1	5.3	2.4
13	87.8	82.8	9.0	9.2	8.6	7.7	6.6	5.7	2.6
14	94.6	89.6	8.3	10.0	9.3	8.4	7.2	6.2	2.7
15	101.4	96.4	7.7	10.8	10.0	9.0	7.7	6.6	2.9
16	108.1	103.1	7.2	11.5	10.7	9.6	8.3	7.1	3.1
17	114.9	109.9	6.8	12.3	11.4	10.3	8.8	7.6	3.3
18	121.6	116.6	6.4	13.0	12.1	10.9	9.3	8.0	3.5
19	128.4	123.4	6.0	13.8	12.8	11.5	9.9	8.5	3.7
20	135.1	130.1	5.7	14.5	13.5	12.1	10.4	9.0	3.9
21	141.9	136.9	5.4	15.3	14.2	12.8	11.0	9.4	4.1
22	148.6	143.6	5.2	16.0	14.9	13.4	11.5	9.9	4.3
23	155.4	150.4	4.9	16.8	15.6	14.0	12.1	10.4	4.5
24	162.2	157.2	4.7	17.5	16.3	14.7	12.6	10.8	4.7
25	168.9	163.9	4.5	18.3	17.0	15.3	13.1	11.3	4.9
26	175.7	170.7	4.4	19.1	17.7	15.9	13.7	11.8	5.1
27	182.4	177.4	4.2	19.8	18.4	16.6	14.2	12.2	5.3
28	189.2	184.2	4.0	20.6	19.1	17.2	14.8	12.7	5.5
29	195.9	190.9	3.9	21.3	19.8	17.8	15.3	13.2	5.7
30	202.7	197.7	3.8	22.1	20.5	18.5	15.8	13.6	5.9
31	209.5	204.5	3.6	22.8	21.2	19.1	16.4	14.1	6.1
32	216.2	211.2	3.5	23.6	21.9	19.7	16.9	14.6	6.3
33	223.0	218.0	3.4	24.3	22.6	20.4	17.5	15.0	6.5
34	229.7	224.7	3.3	25.1	23.3	21.0	18.0	15.5	6.7
35	236.5	231.5	3.2	25.8	24.0	21.6	18.6	16.0	6.9
36	243.2	238.2	3.1	26.6	24.7	22.2	19.1	16.4	7.1
37	250.0	245.0	3.0	27.3	25.4	22.9	19.6	16.9	7.3
38	256.8	251.8	3.0	28.1	26.1	23.5	20.2	17.4	7.5
39	263.5	258.5	2.9	28.9	26.8	24.1	20.7	17.8	7.7
40	270.3	265.3	2.8	29.6	27.5	24.8	21.3	18.3	7.9
41	277.0	272.0	2.7	30.4	28.2	25.4	21.8	18.8	8.0
42	283.8	278.8	2.7	31.1	28.9	26.0	22.4	19.2	8.2
43	290.5	285.5	2.6	31.9	29.6	26.7	22.9	19.7	8.4
44	297.3	292.3	2.5	32.6	30.3	27.3	23.4	20.2	8.6
45	304.1	299.1	2.5	33.4	31.0	27.9	24.0	20.6	8.8
46	310.8	305.8	2.4	34.1	31.7	28.6	24.5	21.1	9.0
47	317.6	312.6	2.4	34.9	32.4	29.2	25.1	21.6	9.2
48	324.3	319.3	2.3	35.6	33.1	29.8	25.6	22.0	9.4
49	331.1	326.1	2.3	36.4	33.8	30.4	26.1	22.5	9.6
50	337.8	332.8	2.2	37.2	34.5	31.1	26.7	23.0	9.8
51	344.6	339.6	2.2	37.9	35.2	31.7	27.2	23.4	10.0
52	351.4	346.4	2.1	38.7	35.9	32.3	27.8	23.9	10.2
53	358.1	353.1	2.1	39.4	36.6	33.0	28.3	24.4	10.4
54	364.9	359.9	2.1	40.2	37.3	33.6	28.9	24.8	10.6
55	371.6	366.6	2.0	40.9	37.9	34.2	29.4	25.3	10.8
56	378.4	373.4	2.0	41.7	38.6	34.9	29.9	25.8	11.0

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.156 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)					Weight per inch (lbs/in)
			913	88	82	74	63	55	0.2078
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
20	128.2	123.2	7.4	11.9	11.0	10.0	8.5	7.4	4.2
21	134.6	129.6	7.1	12.5	11.6	10.5	9.0	7.7	4.4
22	141.0	136.0	6.7	13.1	12.2	11.0	9.4	8.1	4.6
23	147.4	142.4	6.4	13.8	12.8	11.5	9.9	8.5	4.8
24	153.8	148.8	6.1	14.4	13.3	12.0	10.3	8.9	5.0
25	160.3	155.3	5.9	15.0	13.9	12.5	10.8	9.3	5.2
26	166.7	161.7	5.7	15.6	14.5	13.1	11.2	9.7	5.4
27	173.1	168.1	5.4	16.2	15.1	13.6	11.7	10.0	5.6
28	179.5	174.5	5.2	16.9	15.6	14.1	12.1	10.4	5.8
29	185.9	180.9	5.1	17.5	16.2	14.6	12.6	10.8	6.0
30	192.3	187.3	4.9	18.1	16.8	15.1	13.0	11.2	6.2
31	198.7	193.7	4.7	18.7	17.4	15.7	13.4	11.6	6.4
32	205.1	200.1	4.6	19.3	17.9	16.2	13.9	12.0	6.6
33	211.5	206.5	4.4	20.0	18.5	16.7	14.3	12.3	6.9
34	217.9	212.9	4.3	20.6	19.1	17.2	14.8	12.7	7.1
35	224.4	219.4	4.2	21.2	19.7	17.7	15.2	13.1	7.3
36	230.8	225.8	4.0	21.8	20.2	18.2	15.7	13.5	7.5
37	237.2	232.2	3.9	22.4	20.8	18.8	16.1	13.9	7.7
38	243.6	238.6	3.8	23.0	21.4	19.3	16.6	14.2	7.9
39	250.0	245.0	3.7	23.7	21.9	19.8	17.0	14.6	8.1
40	256.4	251.4	3.6	24.3	22.5	20.3	17.4	15.0	8.3
41	262.8	257.8	3.5	24.9	23.1	20.8	17.9	15.4	8.5
42	269.2	264.2	3.5	25.5	23.7	21.3	18.3	15.8	8.7
43	275.6	270.6	3.4	26.1	24.2	21.9	18.8	16.2	8.9
44	282.1	277.1	3.3	26.8	24.8	22.4	19.2	16.5	9.1
45	288.5	283.5	3.2	27.4	25.4	22.9	19.7	16.9	9.3
46	294.9	289.9	3.2	28.0	26.0	23.4	20.1	17.3	9.6
47	301.3	296.3	3.1	28.6	26.5	23.9	20.6	17.7	9.8
48	307.7	302.7	3.0	29.2	27.1	24.5	21.0	18.1	10.0
49	314.1	309.1	3.0	29.9	27.7	25.0	21.4	18.5	10.2
50	320.5	315.5	2.9	30.5	28.3	25.5	21.9	18.8	10.4
51	326.9	321.9	2.8	31.1	28.8	26.0	22.3	19.2	10.6
52	333.3	328.3	2.8	31.7	29.4	26.5	22.8	19.6	10.8
53	339.7	334.7	2.7	32.3	30.0	27.0	23.2	20.0	11.0
54	346.2	341.2	2.7	33.0	30.6	27.6	23.7	20.4	11.2
55	352.6	347.6	2.6	33.6	31.1	28.1	24.1	20.8	11.4
56	359.0	354.0	2.6	34.2	31.7	28.6	24.6	21.1	11.6
57	365.4	360.4	2.5	34.8	32.3	29.1	25.0	21.5	11.8
58	371.8	366.8	2.5	35.4	32.9	29.6	25.4	21.9	12.1
59	378.2	373.2	2.4	36.1	33.4	30.2	25.9	22.3	12.3
60	384.6	379.6	2.4	36.7	34.0	30.7	26.3	22.7	12.5
61	391.0	386.0	2.4	37.3	34.6	31.2	26.8	23.1	12.7
62	397.4	392.4	2.3	37.9	35.2	31.7	27.2	23.4	12.9
63	403.8	398.8	2.3	38.5	35.7	32.2	27.7	23.8	13.1
64	410.3	405.3	2.3	39.2	36.3	32.7	28.1	24.2	13.3
65	416.7	411.7	2.2	39.8	36.9	33.3	28.6	24.6	13.5
66	423.1	418.1	2.2	40.4	37.5	33.8	29.0	25.0	13.7
67	429.5	424.5	2.2	41.0	38.0	34.3	29.5	25.4	13.9

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.162 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 1 059 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.2164 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				107	99	89	77	66	
				Turns on spring					
				(Turns)					
10	61.7	56.7	18.7	5.7	5.3	4.8	4.1	3.5	2.2
11	67.9	62.9	16.8	6.3	5.9	5.3	4.6	3.9	2.4
12	74.1	69.1	15.3	7.0	6.5	5.8	5.0	4.3	2.6
13	80.2	75.2	14.1	7.6	7.0	6.3	5.4	4.7	2.8
14	86.4	81.4	13.0	8.2	7.6	6.9	5.9	5.1	3.0
15	92.6	87.6	12.1	8.8	8.2	7.4	6.3	5.5	3.2
16	98.8	93.8	11.3	9.5	8.8	7.9	6.8	5.8	3.5
17	104.9	99.9	10.6	10.1	9.3	8.4	7.2	6.2	3.7
18	111.1	106.1	10.0	10.7	9.9	8.9	7.7	6.6	3.9
19	117.3	112.3	9.4	11.3	10.5	9.5	8.1	7.0	4.1
20	123.5	118.5	8.9	11.9	11.1	10.0	8.6	7.4	4.3
21	129.6	124.6	8.5	12.6	11.6	10.5	9.0	7.8	4.5
22	135.8	130.8	8.1	13.2	12.2	11.0	9.5	8.2	4.8
23	142.0	137.0	7.7	13.8	12.8	11.5	9.9	8.5	5.0
24	148.1	143.1	7.4	14.4	13.4	12.1	10.4	8.9	5.2
25	154.3	149.3	7.1	15.1	14.0	12.6	10.8	9.3	5.4
26	160.5	155.5	6.8	15.7	14.5	13.1	11.3	9.7	5.6
27	166.7	161.7	6.6	16.3	15.1	13.6	11.7	10.1	5.8
28	172.8	167.8	6.3	16.9	15.7	14.2	12.2	10.5	6.1
29	179.0	174.0	6.1	17.5	16.3	14.7	12.6	10.8	6.3
30	185.2	180.2	5.9	18.2	16.8	15.2	13.0	11.2	6.5
31	191.4	186.4	5.7	18.8	17.4	15.7	13.5	11.6	6.7
32	197.5	192.5	5.5	19.4	18.0	16.2	13.9	12.0	6.9
33	203.7	198.7	5.3	20.0	18.6	16.8	14.4	12.4	7.1
34	209.9	204.9	5.2	20.7	19.2	17.3	14.8	12.8	7.4
35	216.0	211.0	5.0	21.3	19.7	17.8	15.3	13.2	7.6
36	222.2	217.2	4.9	21.9	20.3	18.3	15.7	13.5	7.8
37	228.4	223.4	4.7	22.5	20.9	18.8	16.2	13.9	8.0
38	234.6	229.6	4.6	23.1	21.5	19.4	16.6	14.3	8.2
39	240.7	235.7	4.5	23.8	22.0	19.9	17.1	14.7	8.4
40	246.9	241.9	4.4	24.4	22.6	20.4	17.5	15.1	8.7
41	253.1	248.1	4.3	25.0	23.2	20.9	18.0	15.5	8.9
42	259.3	254.3	4.2	25.6	23.8	21.4	18.4	15.8	9.1
43	265.4	260.4	4.1	26.3	24.3	22.0	18.9	16.2	9.3
44	271.6	266.6	4.0	26.9	24.9	22.5	19.3	16.6	9.5
45	277.8	272.8	3.9	27.5	25.5	23.0	19.7	17.0	9.7
46	284.0	279.0	3.8	28.1	26.1	23.5	20.2	17.4	10.0
47	290.1	285.1	3.7	28.7	26.7	24.0	20.6	17.8	10.2
48	296.3	291.3	3.6	29.4	27.2	24.6	21.1	18.2	10.4
49	302.5	297.5	3.6	30.0	27.8	25.1	21.5	18.5	10.6
50	308.6	303.6	3.5	30.6	28.4	25.6	22.0	18.9	10.8
51	314.8	309.8	3.4	31.2	29.0	26.1	22.4	19.3	11.0
52	321.0	316.0	3.4	31.9	29.5	26.6	22.9	19.7	11.3
53	327.2	322.2	3.3	32.5	30.1	27.2	23.3	20.1	11.5
54	333.3	328.3	3.2	33.1	30.7	27.7	23.8	20.5	11.7
55	339.5	334.5	3.2	33.7	31.3	28.2	24.2	20.8	11.9
56	345.7	340.7	3.1	34.3	31.8	28.7	24.7	21.2	12.1
57	351.9	346.9	3.1	35.0	32.4	29.2	25.1	21.6	12.3

Material: Oil tempered wire

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# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.177 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 1 498	Life (Thousand cycles)					Weight per inch (lbs/in) 0.2383
				MIP (in*lbs)					
				10	15	25	50	100	
				137	127	114	98	85	
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
11	62.1	57.1	26.2	5.2	4.8		4.4	3.7	3.2
12	67.8	62.8	23.9	5.7	5.3	4.8	4.1	3.5	2.9
13	73.4	68.4	21.9	6.2	5.8	5.2	4.5	3.9	3.1
14	79.1	74.1	20.2	6.8	6.3	5.7	4.9	4.2	3.3
15	84.7	79.7	18.8	7.3	6.7	6.1	5.2	4.5	3.6
16	90.4	85.4	17.5	7.8	7.2	6.5	5.6	4.8	3.8
17	96.0	91.0	16.5	8.3	7.7	7.0	6.0	5.1	4.1
18	101.7	96.7	15.5	8.8	8.2	7.4	6.3	5.5	4.3
19	107.3	102.3	14.6	9.3	8.7	7.8	6.7	5.8	4.5
20	113.0	108.0	13.9	9.9	9.1	8.2	7.1	6.1	4.8
21	118.6	113.6	13.2	10.4	9.6	8.7	7.4	6.4	5.0
22	124.3	119.3	12.6	10.9	10.1	9.1	7.8	6.7	5.2
23	129.9	124.9	12.0	11.4	10.6	9.5	8.2	7.0	5.5
24	135.6	130.6	11.5	11.9	11.1	10.0	8.6	7.4	5.7
25	141.2	136.2	11.0	12.4	11.5	10.4	8.9	7.7	6.0
26	146.9	141.9	10.6	13.0	12.0	10.8	9.3	8.0	6.2
27	152.5	147.5	10.2	13.5	12.5	11.3	9.7	8.3	6.4
28	158.2	153.2	9.8	14.0	13.0	11.7	10.0	8.6	6.7
29	163.8	158.8	9.4	14.5	13.4	12.1	10.4	9.0	6.9
30	169.5	164.5	9.1	15.0	13.9	12.6	10.8	9.3	7.2
31	175.1	170.1	8.8	15.5	14.4	13.0	11.2	9.6	7.4
32	180.8	175.8	8.5	16.0	14.9	13.4	11.5	9.9	7.6
33	186.4	181.4	8.3	16.6	15.4	13.9	11.9	10.2	7.9
34	192.1	187.1	8.0	17.1	15.8	14.3	12.3	10.6	8.1
35	197.7	192.7	7.8	17.6	16.3	14.7	12.6	10.9	8.3
36	203.4	198.4	7.6	18.1	16.8	15.1	13.0	11.2	8.6
37	209.0	204.0	7.3	18.6	17.3	15.6	13.4	11.5	8.8
38	214.7	209.7	7.1	19.1	17.7	16.0	13.7	11.8	9.1
39	220.3	215.3	7.0	19.7	18.2	16.4	14.1	12.2	9.3
40	226.0	221.0	6.8	20.2	18.7	16.9	14.5	12.5	9.5
41	231.6	226.6	6.6	20.7	19.2	17.3	14.9	12.8	9.8
42	237.3	232.3	6.4	21.2	19.7	17.7	15.2	13.1	10.0
43	242.9	237.9	6.3	21.7	20.1	18.2	15.6	13.4	10.2
44	248.6	243.6	6.2	22.2	20.6	18.6	16.0	13.7	10.5
45	254.2	249.2	6.0	22.7	21.1	19.0	16.3	14.1	10.7
46	259.9	254.9	5.9	23.3	21.6	19.5	16.7	14.4	11.0
47	265.5	260.5	5.7	23.8	22.1	19.9	17.1	14.7	11.2
48	271.2	266.2	5.6	24.3	22.5	20.3	17.4	15.0	11.4
49	276.8	271.8	5.5	24.8	23.0	20.8	17.8	15.3	11.7
50	282.5	277.5	5.4	25.3	23.5	21.2	18.2	15.7	11.9
51	288.1	283.1	5.3	25.8	24.0	21.6	18.6	16.0	12.2
52	293.8	288.8	5.2	26.4	24.4	22.0	18.9	16.3	12.4
53	299.4	294.4	5.1	26.9	24.9	22.5	19.3	16.6	12.6
54	305.1	300.1	5.0	27.4	25.4	22.9	19.7	16.9	12.9
55	310.7	305.7	4.9	27.9	25.9	23.3	20.0	17.3	13.1
56	316.4	311.4	4.8	28.4	26.4	23.8	20.4	17.6	13.3
57	322.0	317.0	4.7	28.9	26.8	24.2	20.8	17.9	13.6
58	327.7	322.7	4.6	29.5	27.3	24.6	21.2	18.2	13.8

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.188 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 1 876 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.2538 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				161	149	134	115	99	
				Turns on spring (Turns)					
12	64.0	59.0	31.8	5.0	4.7	4.2	3.6	3.1	3.0
13	69.3	64.3	29.2	5.5	5.1	4.6	4.0	3.4	3.3
14	74.7	69.7	26.9	6.0	5.5	5.0	4.3	3.7	3.6
15	80.0	75.0	25.0	6.4	6.0	5.4	4.6	4.0	3.8
16	85.3	80.3	23.4	6.9	6.4	5.8	4.9	4.3	4.1
17	90.7	85.7	21.9	7.3	6.8	6.1	5.3	4.5	4.3
18	96.0	91.0	20.6	7.8	7.2	6.5	5.6	4.8	4.6
19	101.3	96.3	19.5	8.2	7.6	6.9	5.9	5.1	4.8
20	106.7	101.7	18.5	8.7	8.1	7.3	6.2	5.4	5.1
21	112.0	107.0	17.5	9.2	8.5	7.7	6.6	5.7	5.3
22	117.3	112.3	16.7	9.6	8.9	8.0	6.9	5.9	5.6
23	122.7	117.7	15.9	10.1	9.3	8.4	7.2	6.2	5.8
24	128.0	123.0	15.3	10.5	9.8	8.8	7.6	6.5	6.1
25	133.3	128.3	14.6	11.0	10.2	9.2	7.9	6.8	6.3
26	138.7	133.7	14.0	11.4	10.6	9.6	8.2	7.1	6.6
27	144.0	139.0	13.5	11.9	11.0	10.0	8.5	7.4	6.9
28	149.3	144.3	13.0	12.4	11.5	10.3	8.9	7.6	7.1
29	154.7	149.7	12.5	12.8	11.9	10.7	9.2	7.9	7.4
30	160.0	155.0	12.1	13.3	12.3	11.1	9.5	8.2	7.6
31	165.3	160.3	11.7	13.7	12.7	11.5	9.9	8.5	7.9
32	170.7	165.7	11.3	14.2	13.1	11.9	10.2	8.8	8.1
33	176.0	171.0	11.0	14.6	13.6	12.2	10.5	9.0	8.4
34	181.3	176.3	10.6	15.1	14.0	12.6	10.8	9.3	8.6
35	186.7	181.7	10.3	15.5	14.4	13.0	11.2	9.6	8.9
36	192.0	187.0	10.0	16.0	14.8	13.4	11.5	9.9	9.1
37	197.3	192.3	9.8	16.5	15.3	13.8	11.8	10.2	9.4
38	202.7	197.7	9.5	16.9	15.7	14.2	12.2	10.5	9.6
39	208.0	203.0	9.2	17.4	16.1	14.5	12.5	10.7	9.9
40	213.3	208.3	9.0	17.8	16.5	14.9	12.8	11.0	10.2
41	218.7	213.7	8.8	18.3	17.0	15.3	13.1	11.3	10.4
42	224.0	219.0	8.6	18.7	17.4	15.7	13.5	11.6	10.7
43	229.3	224.3	8.4	19.2	17.8	16.1	13.8	11.9	10.9
44	234.7	229.7	8.2	19.7	18.2	16.4	14.1	12.2	11.2
45	240.0	235.0	8.0	20.1	18.7	16.8	14.4	12.4	11.4
46	245.3	240.3	7.8	20.6	19.1	17.2	14.8	12.7	11.7
47	250.7	245.7	7.6	21.0	19.5	17.6	15.1	13.0	11.9
48	256.0	251.0	7.5	21.5	19.9	18.0	15.4	13.3	12.2
49	261.3	256.3	7.3	21.9	20.3	18.3	15.8	13.6	12.4
50	266.7	261.7	7.2	22.4	20.8	18.7	16.1	13.8	12.7
51	272.0	267.0	7.0	22.9	21.2	19.1	16.4	14.1	12.9
52	277.3	272.3	6.9	23.3	21.6	19.5	16.7	14.4	13.2
53	282.7	277.7	6.8	23.8	22.0	19.9	17.1	14.7	13.5
54	288.0	283.0	6.6	24.2	22.5	20.3	17.4	15.0	13.7
55	293.3	288.3	6.5	24.7	22.9	20.6	17.7	15.3	14.0
56	298.7	293.7	6.4	25.1	23.3	21.0	18.1	15.5	14.2
57	304.0	299.0	6.3	25.6	23.7	21.4	18.4	15.8	14.5
58	309.3	304.3	6.2	26.0	24.2	21.8	18.7	16.1	14.7
59	314.7	309.7	6.1	26.5	24.6	22.2	19.0	16.4	15.0

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.192 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 2 058 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.2605 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				172	159	143	123	106	
				Turns on spring (Turns)					
13	67.7	62.7	32.8	5.2	4.8	4.4	3.8	3.2	3.4
14	72.9	67.9	30.3	5.7	5.3	4.7	4.1	3.5	3.6
15	78.1	73.1	28.1	6.1	5.7	5.1	4.4	3.8	3.9
16	83.3	78.3	26.3	6.5	6.1	5.5	4.7	4.0	4.2
17	88.5	83.5	24.6	7.0	6.5	5.8	5.0	4.3	4.4
18	93.8	88.8	23.2	7.4	6.9	6.2	5.3	4.6	4.7
19	99.0	94.0	21.9	7.8	7.3	6.6	5.6	4.8	5.0
20	104.2	99.2	20.8	8.3	7.7	6.9	5.9	5.1	5.2
21	109.4	104.4	19.7	8.7	8.1	7.3	6.2	5.4	5.5
22	114.6	109.6	18.8	9.1	8.5	7.6	6.6	5.6	5.7
23	119.8	114.8	17.9	9.6	8.9	8.0	6.9	5.9	6.0
24	125.0	120.0	17.2	10.0	9.3	8.4	7.2	6.2	6.3
25	130.2	125.2	16.4	10.4	9.7	8.7	7.5	6.5	6.5
26	135.4	130.4	15.8	10.9	10.1	9.1	7.8	6.7	6.8
27	140.6	135.6	15.2	11.3	10.5	9.5	8.1	7.0	7.0
28	145.8	140.8	14.6	11.7	10.9	9.8	8.4	7.3	7.3
29	151.0	146.0	14.1	12.2	11.3	10.2	8.7	7.5	7.6
30	156.3	151.3	13.6	12.6	11.7	10.5	9.1	7.8	7.8
31	161.5	156.5	13.2	13.0	12.1	10.9	9.4	8.1	8.1
32	166.7	161.7	12.7	13.5	12.5	11.3	9.7	8.3	8.3
33	171.9	166.9	12.3	13.9	12.9	11.6	10.0	8.6	8.6
34	177.1	172.1	12.0	14.3	13.3	12.0	10.3	8.9	8.9
35	182.3	177.3	11.6	14.8	13.7	12.4	10.6	9.1	9.1
36	187.5	182.5	11.3	15.2	14.1	12.7	10.9	9.4	9.4
37	192.7	187.7	11.0	15.6	14.5	13.1	11.2	9.7	9.6
38	197.9	192.9	10.7	16.1	14.9	13.5	11.6	9.9	9.9
39	203.1	198.1	10.4	16.5	15.3	13.8	11.9	10.2	10.2
40	208.3	203.3	10.1	17.0	15.7	14.2	12.2	10.5	10.4
41	213.5	208.5	9.9	17.4	16.1	14.5	12.5	10.7	10.7
42	218.8	213.8	9.6	17.8	16.5	14.9	12.8	11.0	10.9
43	224.0	219.0	9.4	18.3	16.9	15.3	13.1	11.3	11.2
44	229.2	224.2	9.2	18.7	17.3	15.6	13.4	11.6	11.5
45	234.4	229.4	9.0	19.1	17.7	16.0	13.7	11.8	11.7
46	239.6	234.6	8.8	19.6	18.1	16.4	14.0	12.1	12.0
47	244.8	239.8	8.6	20.0	18.5	16.7	14.4	12.4	12.2
48	250.0	245.0	8.4	20.4	18.9	17.1	14.7	12.6	12.5
49	255.2	250.2	8.2	20.9	19.3	17.4	15.0	12.9	12.8
50	260.4	255.4	8.1	21.3	19.7	17.8	15.3	13.2	13.0
51	265.6	260.6	7.9	21.7	20.1	18.2	15.6	13.4	13.3
52	270.8	265.8	7.7	22.2	20.5	18.5	15.9	13.7	13.5
53	276.0	271.0	7.6	22.6	21.0	18.9	16.2	14.0	13.8
54	281.3	276.3	7.5	23.0	21.4	19.3	16.5	14.2	14.1
55	286.5	281.5	7.3	23.5	21.8	19.6	16.9	14.5	14.3
56	291.7	286.7	7.2	23.9	22.2	20.0	17.2	14.8	14.6
57	296.9	291.9	7.1	24.3	22.6	20.4	17.5	15.0	14.9
58	302.1	297.1	6.9	24.8	23.0	20.7	17.8	15.3	15.1
59	307.3	302.3	6.8	25.2	23.4	21.1	18.1	15.6	15.4
60	312.5	307.5	6.7	25.6	23.8	21.4	18.4	15.8	15.6

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.207 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 2 759 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.2831 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				212	196	177	152	131	
				Turns on spring					
				(Turns)					
14	67.6	62.6	44.1	4.8	4.5	4.0	3.5	3.0	4.0
15	72.5	67.5	40.9	5.2	4.8	4.3	3.7	3.2	4.2
16	77.3	72.3	38.2	5.5	5.1	4.6	4.0	3.4	4.5
17	82.1	77.1	35.8	5.9	5.5	4.9	4.2	3.7	4.8
18	87.0	82.0	33.7	6.3	5.8	5.3	4.5	3.9	5.1
19	91.8	86.8	31.8	6.7	6.2	5.6	4.8	4.1	5.4
20	96.6	91.6	30.1	7.0	6.5	5.9	5.0	4.3	5.7
21	101.4	96.4	28.6	7.4	6.9	6.2	5.3	4.6	5.9
22	106.3	101.3	27.2	7.8	7.2	6.5	5.6	4.8	6.2
23	111.1	106.1	26.0	8.1	7.5	6.8	5.8	5.0	6.5
24	115.9	110.9	24.9	8.5	7.9	7.1	6.1	5.3	6.8
25	120.8	115.8	23.8	8.9	8.2	7.4	6.4	5.5	7.1
26	125.6	120.6	22.9	9.3	8.6	7.7	6.6	5.7	7.4
27	130.4	125.4	22.0	9.6	8.9	8.0	6.9	5.9	7.6
28	135.3	130.3	21.2	10.0	9.3	8.4	7.2	6.2	7.9
29	140.1	135.1	20.4	10.4	9.6	8.7	7.4	6.4	8.2
30	144.9	139.9	19.7	10.7	10.0	9.0	7.7	6.6	8.5
31	149.8	144.8	19.1	11.1	10.3	9.3	8.0	6.9	8.8
32	154.6	149.6	18.4	11.5	10.6	9.6	8.2	7.1	9.1
33	159.4	154.4	17.9	11.8	11.0	9.9	8.5	7.3	9.3
34	164.3	159.3	17.3	12.2	11.3	10.2	8.8	7.6	9.6
35	169.1	164.1	16.8	12.6	11.7	10.5	9.0	7.8	9.9
36	173.9	168.9	16.3	13.0	12.0	10.8	9.3	8.0	10.2
37	178.7	173.7	15.9	13.3	12.4	11.1	9.6	8.2	10.5
38	183.6	178.6	15.5	13.7	12.7	11.5	9.8	8.5	10.8
39	188.4	183.4	15.0	14.1	13.0	11.8	10.1	8.7	11.0
40	193.2	188.2	14.7	14.4	13.4	12.1	10.4	8.9	11.3
41	198.1	193.1	14.3	14.8	13.7	12.4	10.6	9.2	11.6
42	202.9	197.9	13.9	15.2	14.1	12.7	10.9	9.4	11.9
43	207.7	202.7	13.6	15.5	14.4	13.0	11.2	9.6	12.2
44	212.6	207.6	13.3	15.9	14.8	13.3	11.4	9.8	12.5
45	217.4	212.4	13.0	16.3	15.1	13.6	11.7	10.1	12.7
46	222.2	217.2	12.7	16.7	15.4	13.9	12.0	10.3	13.0
47	227.1	222.1	12.4	17.0	15.8	14.2	12.2	10.5	13.3
48	231.9	226.9	12.2	17.4	16.1	14.6	12.5	10.8	13.6
49	236.7	231.7	11.9	17.8	16.5	14.9	12.8	11.0	13.9
50	241.5	236.5	11.7	18.1	16.8	15.2	13.0	11.2	14.2
51	246.4	241.4	11.4	18.5	17.2	15.5	13.3	11.4	14.4
52	251.2	246.2	11.2	18.9	17.5	15.8	13.6	11.7	14.7
53	256.0	251.0	11.0	19.3	17.9	16.1	13.8	11.9	15.0
54	260.9	255.9	10.8	19.6	18.2	16.4	14.1	12.1	15.3
55	265.7	260.7	10.6	20.0	18.5	16.7	14.4	12.4	15.6
56	270.5	265.5	10.4	20.4	18.9	17.0	14.6	12.6	15.9
57	275.4	270.4	10.2	20.7	19.2	17.3	14.9	12.8	16.1
58	280.2	275.2	10.0	21.1	19.6	17.7	15.2	13.0	16.4
59	285.0	280.0	9.9	21.5	19.9	18.0	15.4	13.3	16.7
60	289.9	284.9	9.7	21.8	20.3	18.3	15.7	13.5	17.0
61	294.7	289.7	9.5	22.2	20.6	18.6	16.0	13.7	17.3

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.219 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 3 417 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3009 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				247	229	206	177	153	
				Turns on spring (Turns)					
16	73.2	68.2	50.1	4.9	4.6	4.1	3.5	3.0	4.8
17	77.7	72.7	47.0	5.3	4.9	4.4	3.8	3.2	5.1
18	82.3	77.3	44.2	5.6	5.2	4.7	4.0	3.4	5.4
19	86.9	81.9	41.7	5.9	5.5	4.9	4.2	3.7	5.7
20	91.4	86.4	39.5	6.2	5.8	5.2	4.5	3.9	6.0
21	96.0	91.0	37.5	6.6	6.1	5.5	4.7	4.1	6.3
22	100.6	95.6	35.8	6.9	6.4	5.8	5.0	4.3	6.6
23	105.2	100.2	34.1	7.2	6.7	6.0	5.2	4.5	6.9
24	109.7	104.7	32.6	7.6	7.0	6.3	5.4	4.7	7.2
25	114.3	109.3	31.3	7.9	7.3	6.6	5.7	4.9	7.5
26	118.9	113.9	30.0	8.2	7.6	6.9	5.9	5.1	7.8
27	123.5	118.5	28.9	8.6	7.9	7.2	6.1	5.3	8.1
28	128.0	123.0	27.8	8.9	8.2	7.4	6.4	5.5	8.4
29	132.6	127.6	26.8	9.2	8.5	7.7	6.6	5.7	8.7
30	137.2	132.2	25.9	9.5	8.8	8.0	6.9	5.9	9.0
31	141.7	136.7	25.0	9.9	9.2	8.3	7.1	6.1	9.3
32	146.3	141.3	24.2	10.2	9.5	8.5	7.3	6.3	9.6
33	150.9	145.9	23.4	10.5	9.8	8.8	7.6	6.5	9.9
34	155.5	150.5	22.7	10.9	10.1	9.1	7.8	6.7	10.2
35	160.0	155.0	22.0	11.2	10.4	9.4	8.0	6.9	10.5
36	164.6	159.6	21.4	11.5	10.7	9.6	8.3	7.1	10.8
37	169.2	164.2	20.8	11.9	11.0	9.9	8.5	7.3	11.1
38	173.8	168.8	20.3	12.2	11.3	10.2	8.7	7.5	11.4
39	178.3	173.3	19.7	12.5	11.6	10.5	9.0	7.7	11.7
40	182.9	177.9	19.2	12.8	11.9	10.7	9.2	7.9	12.0
41	187.5	182.5	18.7	13.2	12.2	11.0	9.5	8.1	12.3
42	192.0	187.0	18.3	13.5	12.5	11.3	9.7	8.3	12.6
43	196.6	191.6	17.8	13.8	12.8	11.6	9.9	8.6	12.9
44	201.2	196.2	17.4	14.2	13.1	11.8	10.2	8.8	13.2
45	205.8	200.8	17.0	14.5	13.4	12.1	10.4	9.0	13.5
46	210.3	205.3	16.6	14.8	13.7	12.4	10.6	9.2	13.8
47	214.9	209.9	16.3	15.2	14.1	12.7	10.9	9.4	14.1
48	219.5	214.5	15.9	15.5	14.4	13.0	11.1	9.6	14.4
49	224.1	219.1	15.6	15.8	14.7	13.2	11.4	9.8	14.7
50	228.6	223.6	15.3	16.1	15.0	13.5	11.6	10.0	15.0
51	233.2	228.2	15.0	16.5	15.3	13.8	11.8	10.2	15.3
52	237.8	232.8	14.7	16.8	15.6	14.1	12.1	10.4	15.6
53	242.3	237.3	14.4	17.1	15.9	14.3	12.3	10.6	15.9
54	246.9	241.9	14.1	17.5	16.2	14.6	12.5	10.8	16.2
55	251.5	246.5	13.9	17.8	16.5	14.9	12.8	11.0	16.5
56	256.1	251.1	13.6	18.1	16.8	15.2	13.0	11.2	16.8
57	260.6	255.6	13.4	18.5	17.1	15.4	13.3	11.4	17.1
58	265.2	260.2	13.1	18.8	17.4	15.7	13.5	11.6	17.4
59	269.8	264.8	12.9	19.1	17.7	16.0	13.7	11.8	17.8
60	274.3	269.3	12.7	19.4	18.0	16.3	14.0	12.0	18.1
61	278.9	273.9	12.5	19.8	18.3	16.5	14.2	12.2	18.4
62	283.5	278.5	12.3	20.1	18.6	16.8	14.4	12.4	18.7
63	288.1	283.1	12.1	20.4	18.9	17.1	14.7	12.6	19.0

Material: Oil tempered wire

mai



# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.225 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) 3 836	MIP (in*lbs)					
				Turns on spring					
				10	15	25	50		100
IPPT (in*lbs/turn)	268	249	224	193	166	0.3110			
(in.)			(in*lbs/turn)	(Turns)					Weight of spring (lbs)
18	79.9	74.9	51.2	5.2	4.9	4.4	3.8	3.2	5.6
19	84.3	79.3	48.4	5.5	5.1	4.6	4.0	3.4	5.9
20	88.8	83.8	45.8	5.9	5.4	4.9	4.2	3.6	6.2
21	93.2	88.2	43.5	6.2	5.7	5.2	4.4	3.8	6.5
22	97.6	92.6	41.4	6.5	6.0	5.4	4.6	4.0	6.8
23	102.1	97.1	39.5	6.8	6.3	5.7	4.9	4.2	7.2
24	106.5	101.5	37.8	7.1	6.6	5.9	5.1	4.4	7.5
25	111.0	106.0	36.2	7.4	6.9	6.2	5.3	4.6	7.8
26	115.4	110.4	34.8	7.7	7.2	6.5	5.5	4.8	8.1
27	119.8	114.8	33.4	8.0	7.4	6.7	5.8	5.0	8.4
28	124.3	119.3	32.2	8.3	7.7	7.0	6.0	5.2	8.7
29	128.7	123.7	31.0	8.6	8.0	7.2	6.2	5.3	9.0
30	133.2	128.2	29.9	9.0	8.3	7.5	6.4	5.5	9.3
31	137.6	132.6	28.9	9.3	8.6	7.7	6.7	5.7	9.6
32	142.0	137.0	28.0	9.6	8.9	8.0	6.9	5.9	10.0
33	146.5	141.5	27.1	9.9	9.2	8.3	7.1	6.1	10.3
34	150.9	145.9	26.3	10.2	9.5	8.5	7.3	6.3	10.6
35	155.3	150.3	25.5	10.5	9.7	8.8	7.5	6.5	10.9
36	159.8	154.8	24.8	10.8	10.0	9.0	7.8	6.7	11.2
37	164.2	159.2	24.1	11.1	10.3	9.3	8.0	6.9	11.5
38	168.7	163.7	23.4	11.4	10.6	9.6	8.2	7.1	11.8
39	173.1	168.1	22.8	11.7	10.9	9.8	8.4	7.3	12.1
40	177.5	172.5	22.2	12.1	11.2	10.1	8.7	7.5	12.4
41	182.0	177.0	21.7	12.4	11.5	10.3	8.9	7.6	12.8
42	186.4	181.4	21.1	12.7	11.8	10.6	9.1	7.8	13.1
43	190.9	185.9	20.6	13.0	12.0	10.9	9.3	8.0	13.4
44	195.3	190.3	20.2	13.3	12.3	11.1	9.5	8.2	13.7
45	199.7	194.7	19.7	13.6	12.6	11.4	9.8	8.4	14.0
46	204.2	199.2	19.3	13.9	12.9	11.6	10.0	8.6	14.3
47	208.6	203.6	18.8	14.2	13.2	11.9	10.2	8.8	14.6
48	213.0	208.0	18.4	14.5	13.5	12.2	10.4	9.0	14.9
49	217.5	212.5	18.1	14.8	13.8	12.4	10.7	9.2	15.2
50	221.9	216.9	17.7	15.2	14.1	12.7	10.9	9.4	15.5
51	226.4	221.4	17.3	15.5	14.3	12.9	11.1	9.6	15.9
52	230.8	225.8	17.0	15.8	14.6	13.2	11.3	9.8	16.2
53	235.2	230.2	16.7	16.1	14.9	13.5	11.6	9.9	16.5
54	239.7	234.7	16.3	16.4	15.2	13.7	11.8	10.1	16.8
55	244.1	239.1	16.0	16.7	15.5	14.0	12.0	10.3	17.1
56	248.6	243.6	15.8	17.0	15.8	14.2	12.2	10.5	17.4
57	253.0	248.0	15.5	17.3	16.1	14.5	12.4	10.7	17.7
58	257.4	252.4	15.2	17.6	16.4	14.8	12.7	10.9	18.0
59	261.9	256.9	14.9	17.9	16.6	15.0	12.9	11.1	18.3
60	266.3	261.3	14.7	18.3	16.9	15.3	13.1	11.3	18.7
61	270.8	265.8	14.4	18.6	17.2	15.5	13.3	11.5	19.0
62	275.2	270.2	14.2	18.9	17.5	15.8	13.6	11.7	19.3
63	279.6	274.6	14.0	19.2	17.8	16.0	13.8	11.9	19.6
64	284.1	279.1	13.7	19.5	18.1	16.3	14.0	12.1	19.9
65	288.5	283.5	13.5	19.8	18.4	16.6	14.2	12.2	20.2

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.234 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 4 444	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3244
				10	15	25	50	100	
				MIP (in*lbs)					
				298	276	249	214	184	
IPPT (in*lbs/turn)	Turns on spring					Weight of spring (lbs)			
	(in.)	(in.)	(in.)	(in.)	(in.)				
20	85.5	80.5	55.2	5.4	5.0	4.5	3.9	3.3	6.5
21	89.7	84.7	52.4	5.7	5.3	4.8	4.1	3.5	6.8
22	94.0	89.0	49.9	6.0	5.5	5.0	4.3	3.7	7.1
23	98.3	93.3	47.6	6.3	5.8	5.2	4.5	3.9	7.5
24	102.6	97.6	45.6	6.5	6.1	5.5	4.7	4.0	7.8
25	106.8	101.8	43.6	6.8	6.3	5.7	4.9	4.2	8.1
26	111.1	106.1	41.9	7.1	6.6	5.9	5.1	4.4	8.4
27	115.4	110.4	40.3	7.4	6.9	6.2	5.3	4.6	8.8
28	119.7	114.7	38.8	7.7	7.1	6.4	5.5	4.8	9.1
29	123.9	118.9	37.4	8.0	7.4	6.7	5.7	4.9	9.4
30	128.2	123.2	36.1	8.3	7.7	6.9	5.9	5.1	9.7
31	132.5	127.5	34.9	8.5	7.9	7.1	6.1	5.3	10.1
32	136.8	131.8	33.7	8.8	8.2	7.4	6.3	5.5	10.4
33	141.0	136.0	32.7	9.1	8.5	7.6	6.5	5.6	10.7
34	145.3	140.3	31.7	9.4	8.7	7.9	6.8	5.8	11.0
35	149.6	144.6	30.7	9.7	9.0	8.1	7.0	6.0	11.4
36	153.8	148.8	29.9	10.0	9.3	8.3	7.2	6.2	11.7
37	158.1	153.1	29.0	10.3	9.5	8.6	7.4	6.3	12.0
38	162.4	157.4	28.2	10.6	9.8	8.8	7.6	6.5	12.3
39	166.7	161.7	27.5	10.8	10.0	9.1	7.8	6.7	12.7
40	170.9	165.9	26.8	11.1	10.3	9.3	8.0	6.9	13.0
41	175.2	170.2	26.1	11.4	10.6	9.5	8.2	7.1	13.3
42	179.5	174.5	25.5	11.7	10.8	9.8	8.4	7.2	13.6
43	183.8	178.8	24.9	12.0	11.1	10.0	8.6	7.4	13.9
44	188.0	183.0	24.3	12.3	11.4	10.3	8.8	7.6	14.3
45	192.3	187.3	23.7	12.6	11.6	10.5	9.0	7.8	14.6
46	196.6	191.6	23.2	12.8	11.9	10.7	9.2	7.9	14.9
47	200.9	195.9	22.7	13.1	12.2	11.0	9.4	8.1	15.2
48	205.1	200.1	22.2	13.4	12.4	11.2	9.6	8.3	15.6
49	209.4	204.4	21.7	13.7	12.7	11.5	9.8	8.5	15.9
50	213.7	208.7	21.3	14.0	13.0	11.7	10.0	8.6	16.2
51	217.9	212.9	20.9	14.3	13.2	11.9	10.3	8.8	16.5
52	222.2	217.2	20.5	14.6	13.5	12.2	10.5	9.0	16.9
53	226.5	221.5	20.1	14.8	13.8	12.4	10.7	9.2	17.2
54	230.8	225.8	19.7	15.1	14.0	12.7	10.9	9.4	17.5
55	235.0	230.0	19.3	15.4	14.3	12.9	11.1	9.5	17.8
56	239.3	234.3	19.0	15.7	14.6	13.1	11.3	9.7	18.2
57	243.6	238.6	18.6	16.0	14.8	13.4	11.5	9.9	18.5
58	247.9	242.9	18.3	16.3	15.1	13.6	11.7	10.1	18.8
59	252.1	247.1	18.0	16.6	15.4	13.9	11.9	10.2	19.1
60	256.4	251.4	17.7	16.9	15.6	14.1	12.1	10.4	19.5
61	260.7	255.7	17.4	17.1	15.9	14.3	12.3	10.6	19.8
62	265.0	260.0	17.1	17.4	16.2	14.6	12.5	10.8	20.1
63	269.2	264.2	16.8	17.7	16.4	14.8	12.7	11.0	20.4
64	273.5	268.5	16.6	18.0	16.7	15.1	12.9	11.1	20.8
65	277.8	272.8	16.3	18.3	17.0	15.3	13.1	11.3	21.1
66	282.1	277.1	16.0	18.6	17.2	15.5	13.3	11.5	21.4
67	286.3	281.3	15.8	18.9	17.5	15.8	13.5	11.7	21.7

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.238 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 4 708 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3298 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				311	288	260	223	192	
				Turns on spring (Turns)					
21	88.4	83.4	56.4	5.5	5.1	4.6	4.0	3.4	6.9
22	92.6	87.6	53.7	5.8	5.4	4.8	4.2	3.6	7.3
23	96.8	91.8	51.3	6.1	5.6	5.1	4.4	3.7	7.6
24	101.1	96.1	49.0	6.3	5.9	5.3	4.6	3.9	7.9
25	105.3	100.3	47.0	6.6	6.1	5.5	4.7	4.1	8.2
26	109.5	104.5	45.1	6.9	6.4	5.8	4.9	4.3	8.6
27	113.7	108.7	43.3	7.2	6.6	6.0	5.1	4.4	8.9
28	117.9	112.9	41.7	7.4	6.9	6.2	5.3	4.6	9.2
29	122.1	117.1	40.2	7.7	7.2	6.5	5.5	4.8	9.6
30	126.3	121.3	38.8	8.0	7.4	6.7	5.7	4.9	9.9
31	130.5	125.5	37.5	8.3	7.7	6.9	5.9	5.1	10.2
32	134.7	129.7	36.3	8.6	7.9	7.2	6.1	5.3	10.6
33	138.9	133.9	35.2	8.8	8.2	7.4	6.3	5.5	10.9
34	143.2	138.2	34.1	9.1	8.5	7.6	6.5	5.6	11.2
35	147.4	142.4	33.1	9.4	8.7	7.9	6.7	5.8	11.5
36	151.6	146.6	32.1	9.7	9.0	8.1	6.9	6.0	11.9
37	155.8	150.8	31.2	9.9	9.2	8.3	7.1	6.1	12.2
38	160.0	155.0	30.4	10.2	9.5	8.6	7.3	6.3	12.5
39	164.2	159.2	29.6	10.5	9.7	8.8	7.5	6.5	12.9
40	168.4	163.4	28.8	10.8	10.0	9.0	7.7	6.7	13.2
41	172.6	167.6	28.1	11.1	10.3	9.2	7.9	6.8	13.5
42	176.8	171.8	27.4	11.3	10.5	9.5	8.1	7.0	13.9
43	181.1	176.1	26.7	11.6	10.8	9.7	8.3	7.2	14.2
44	185.3	180.3	26.1	11.9	11.0	9.9	8.5	7.4	14.5
45	189.5	184.5	25.5	12.2	11.3	10.2	8.7	7.5	14.8
46	193.7	188.7	25.0	12.4	11.5	10.4	8.9	7.7	15.2
47	197.9	192.9	24.4	12.7	11.8	10.6	9.1	7.9	15.5
48	202.1	197.1	23.9	13.0	12.1	10.9	9.3	8.0	15.8
49	206.3	201.3	23.4	13.3	12.3	11.1	9.5	8.2	16.2
50	210.5	205.5	22.9	13.6	12.6	11.3	9.7	8.4	16.5
51	214.7	209.7	22.4	13.8	12.8	11.6	9.9	8.6	16.8
52	218.9	213.9	22.0	14.1	13.1	11.8	10.1	8.7	17.2
53	223.2	218.2	21.6	14.4	13.3	12.0	10.3	8.9	17.5
54	227.4	222.4	21.2	14.7	13.6	12.3	10.5	9.1	17.8
55	231.6	226.6	20.8	14.9	13.9	12.5	10.7	9.2	18.1
56	235.8	230.8	20.4	15.2	14.1	12.7	10.9	9.4	18.5
57	240.0	235.0	20.0	15.5	14.4	13.0	11.1	9.6	18.8
58	244.2	239.2	19.7	15.8	14.6	13.2	11.3	9.8	19.1
59	248.4	243.4	19.3	16.1	14.9	13.4	11.5	9.9	19.5
60	252.6	247.6	19.0	16.3	15.1	13.7	11.7	10.1	19.8
61	256.8	251.8	18.7	16.6	15.4	13.9	11.9	10.3	20.1
62	261.1	256.1	18.4	16.9	15.7	14.1	12.1	10.4	20.5
63	265.3	260.3	18.1	17.2	15.9	14.4	12.3	10.6	20.8
64	269.5	264.5	17.8	17.4	16.2	14.6	12.5	10.8	21.1
65	273.7	268.7	17.5	17.7	16.4	14.8	12.7	11.0	21.4
66	277.9	272.9	17.3	18.0	16.7	15.1	12.9	11.1	21.8
67	282.1	277.1	17.0	18.3	16.9	15.3	13.1	11.3	22.1
68	286.3	281.3	16.7	18.6	17.2	15.5	13.3	11.5	22.4

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.244 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 5 203	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3395
				MIP (in*lbs)					
				10	15	25	50	100	
				334	309	279	240	206	
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
22	90.3	85.3	61.0	5.5	5.1		4.6	3.9	3.4
23	94.4	89.4	58.2	5.7	5.3	4.8	4.1	3.5	7.8
24	98.5	93.5	55.7	6.0	5.6	5.0	4.3	3.7	8.1
25	102.6	97.6	53.3	6.3	5.8	5.2	4.5	3.9	8.5
26	106.7	101.7	51.2	6.5	6.0	5.5	4.7	4.0	8.8
27	110.8	105.8	49.2	6.8	6.3	5.7	4.9	4.2	9.2
28	114.9	109.9	47.3	7.0	6.5	5.9	5.1	4.4	9.5
29	119.0	114.0	45.6	7.3	6.8	6.1	5.3	4.5	9.8
30	123.1	118.1	44.1	7.6	7.0	6.3	5.4	4.7	10.2
31	127.2	122.2	42.6	7.8	7.3	6.6	5.6	4.8	10.5
32	131.3	126.3	41.2	8.1	7.5	6.8	5.8	5.0	10.9
33	135.4	130.4	39.9	8.4	7.8	7.0	6.0	5.2	11.2
34	139.5	134.5	38.7	8.6	8.0	7.2	6.2	5.3	11.5
35	143.6	138.6	37.5	8.9	8.2	7.4	6.4	5.5	11.9
36	147.7	142.7	36.5	9.2	8.5	7.7	6.6	5.7	12.2
37	151.8	146.8	35.4	9.4	8.7	7.9	6.8	5.8	12.6
38	155.9	150.9	34.5	9.7	9.0	8.1	7.0	6.0	12.9
39	160.0	155.0	33.6	9.9	9.2	8.3	7.1	6.1	13.2
40	164.1	159.1	32.7	10.2	9.5	8.5	7.3	6.3	13.6
41	168.2	163.2	31.9	10.5	9.7	8.8	7.5	6.5	13.9
42	172.3	167.3	31.1	10.7	10.0	9.0	7.7	6.6	14.3
43	176.4	171.4	30.3	11.0	10.2	9.2	7.9	6.8	14.6
44	180.5	175.5	29.6	11.3	10.4	9.4	8.1	7.0	14.9
45	184.7	179.7	29.0	11.5	10.7	9.6	8.3	7.1	15.3
46	188.8	183.8	28.3	11.8	10.9	9.9	8.5	7.3	15.6
47	192.9	187.9	27.7	12.0	11.2	10.1	8.7	7.4	16.0
48	197.0	192.0	27.1	12.3	11.4	10.3	8.8	7.6	16.3
49	201.1	196.1	26.5	12.6	11.7	10.5	9.0	7.8	16.6
50	205.2	200.2	26.0	12.8	11.9	10.7	9.2	7.9	17.0
51	209.3	204.3	25.5	13.1	12.1	11.0	9.4	8.1	17.3
52	213.4	208.4	25.0	13.4	12.4	11.2	9.6	8.3	17.7
53	217.5	212.5	24.5	13.6	12.6	11.4	9.8	8.4	18.0
54	221.6	216.6	24.0	13.9	12.9	11.6	10.0	8.6	18.3
55	225.7	220.7	23.6	14.2	13.1	11.8	10.2	8.7	18.7
56	229.8	224.8	23.1	14.4	13.4	12.1	10.4	8.9	19.0
57	233.9	228.9	22.7	14.7	13.6	12.3	10.5	9.1	19.4
58	238.0	233.0	22.3	14.9	13.9	12.5	10.7	9.2	19.7
59	242.1	237.1	21.9	15.2	14.1	12.7	10.9	9.4	20.0
60	246.2	241.2	21.6	15.5	14.3	12.9	11.1	9.6	20.4
61	250.3	245.3	21.2	15.7	14.6	13.2	11.3	9.7	20.7
62	254.4	249.4	20.9	16.0	14.8	13.4	11.5	9.9	21.0
63	258.5	253.5	20.5	16.3	15.1	13.6	11.7	10.1	21.4
64	262.6	257.6	20.2	16.5	15.3	13.8	11.9	10.2	21.7
65	266.7	261.7	19.9	16.8	15.6	14.0	12.1	10.4	22.1
66	270.8	265.8	19.6	17.0	15.8	14.3	12.2	10.5	22.4
67	274.9	269.9	19.3	17.3	16.1	14.5	12.4	10.7	22.7
68	279.0	274.0	19.0	17.6	16.3	14.7	12.6	10.9	23.1
69	283.1	278.1	18.7	17.8	16.5	14.9	12.8	11.0	23.4

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.250 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 5 744	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3494
				10	15	25	50	100	
				MIP (in*lbs)					
				358	332	300	257	222	
IPPT (in*lbs/turn)	Turns on spring					Weight of spring (lbs)			
	(in.)	(in.)	(in.)	(in.)	(in.)				
23	92.0	87.0	66.0	5.4	5.0	4.5	3.9	3.4	8.0
24	96.0	91.0	63.1	5.7	5.3	4.7	4.1	3.5	8.4
25	100.0	95.0	60.5	5.9	5.5	5.0	4.3	3.7	8.7
26	104.0	99.0	58.0	6.2	5.7	5.2	4.4	3.8	9.1
27	108.0	103.0	55.8	6.4	6.0	5.4	4.6	4.0	9.4
28	112.0	107.0	53.7	6.7	6.2	5.6	4.8	4.1	9.8
29	116.0	111.0	51.8	6.9	6.4	5.8	5.0	4.3	10.1
30	120.0	115.0	50.0	7.2	6.7	6.0	5.2	4.4	10.5
31	124.0	119.0	48.3	7.4	6.9	6.2	5.3	4.6	10.8
32	128.0	123.0	46.7	7.7	7.1	6.4	5.5	4.7	11.2
33	132.0	127.0	45.2	7.9	7.3	6.6	5.7	4.9	11.5
34	136.0	131.0	43.9	8.2	7.6	6.8	5.9	5.1	11.9
35	140.0	135.0	42.6	8.4	7.8	7.0	6.0	5.2	12.2
36	144.0	139.0	41.3	8.7	8.0	7.3	6.2	5.4	12.6
37	148.0	143.0	40.2	8.9	8.3	7.5	6.4	5.5	12.9
38	152.0	147.0	39.1	9.2	8.5	7.7	6.6	5.7	13.3
39	156.0	151.0	38.0	9.4	8.7	7.9	6.8	5.8	13.6
40	160.0	155.0	37.1	9.7	9.0	8.1	6.9	6.0	14.0
41	164.0	159.0	36.1	9.9	9.2	8.3	7.1	6.1	14.3
42	168.0	163.0	35.2	10.2	9.4	8.5	7.3	6.3	14.7
43	172.0	167.0	34.4	10.4	9.7	8.7	7.5	6.4	15.0
44	176.0	171.0	33.6	10.7	9.9	8.9	7.7	6.6	15.4
45	180.0	175.0	32.8	10.9	10.1	9.1	7.8	6.7	15.7
46	184.0	179.0	32.1	11.2	10.4	9.3	8.0	6.9	16.1
47	188.0	183.0	31.4	11.4	10.6	9.5	8.2	7.1	16.4
48	192.0	187.0	30.7	11.7	10.8	9.8	8.4	7.2	16.8
49	196.0	191.0	30.1	11.9	11.0	10.0	8.6	7.4	17.1
50	200.0	195.0	29.5	12.2	11.3	10.2	8.7	7.5	17.5
51	204.0	199.0	28.9	12.4	11.5	10.4	8.9	7.7	17.8
52	208.0	203.0	28.3	12.7	11.7	10.6	9.1	7.8	18.2
53	212.0	207.0	27.8	12.9	12.0	10.8	9.3	8.0	18.5
54	216.0	211.0	27.2	13.2	12.2	11.0	9.5	8.1	18.9
55	220.0	215.0	26.7	13.4	12.4	11.2	9.6	8.3	19.2
56	224.0	219.0	26.2	13.7	12.7	11.4	9.8	8.4	19.6
57	228.0	223.0	25.8	13.9	12.9	11.6	10.0	8.6	19.9
58	232.0	227.0	25.3	14.2	13.1	11.8	10.2	8.8	20.3
59	236.0	231.0	24.9	14.4	13.4	12.1	10.3	8.9	20.6
60	240.0	235.0	24.4	14.7	13.6	12.3	10.5	9.1	21.0
61	244.0	239.0	24.0	14.9	13.8	12.5	10.7	9.2	21.3
62	248.0	243.0	23.6	15.2	14.1	12.7	10.9	9.4	21.7
63	252.0	247.0	23.3	15.4	14.3	12.9	11.1	9.5	22.0
64	256.0	251.0	22.9	15.7	14.5	13.1	11.2	9.7	22.4
65	260.0	255.0	22.5	15.9	14.8	13.3	11.4	9.8	22.7
66	264.0	259.0	22.2	16.2	15.0	13.5	11.6	10.0	23.1
67	268.0	263.0	21.8	16.4	15.2	13.7	11.8	10.1	23.4
68	272.0	267.0	21.5	16.7	15.4	13.9	12.0	10.3	23.8
69	276.0	271.0	21.2	16.9	15.7	14.1	12.1	10.5	24.1
70	280.0	275.0	20.9	17.2	15.9	14.3	12.3	10.6	24.5

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.263 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 6 939 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3691 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				411	381	343	295	254	
				Turns on spring (Turns)					
25	95.2	90.2	76.9	5.3	5.0	4.5	3.8	3.3	9.2
26	99.0	94.0	73.8	5.6	5.2	4.7	4.0	3.4	9.6
27	102.9	97.9	70.9	5.8	5.4	4.8	4.2	3.6	10.0
28	106.7	101.7	68.3	6.0	5.6	5.0	4.3	3.7	10.3
29	110.5	105.5	65.8	6.2	5.8	5.2	4.5	3.9	10.7
30	114.3	109.3	63.5	6.5	6.0	5.4	4.6	4.0	11.1
31	118.1	113.1	61.4	6.7	6.2	5.6	4.8	4.1	11.4
32	121.9	116.9	59.4	6.9	6.4	5.8	5.0	4.3	11.8
33	125.7	120.7	57.5	7.1	6.6	6.0	5.1	4.4	12.2
34	129.5	124.5	55.7	7.4	6.8	6.2	5.3	4.6	12.6
35	133.3	128.3	54.1	7.6	7.0	6.4	5.5	4.7	12.9
36	137.1	132.1	52.5	7.8	7.3	6.5	5.6	4.8	13.3
37	141.0	136.0	51.0	8.0	7.5	6.7	5.8	5.0	13.7
38	144.8	139.8	49.6	8.3	7.7	6.9	5.9	5.1	14.0
39	148.6	143.6	48.3	8.5	7.9	7.1	6.1	5.3	14.4
40	152.4	147.4	47.1	8.7	8.1	7.3	6.3	5.4	14.8
41	156.2	151.2	45.9	8.9	8.3	7.5	6.4	5.5	15.1
42	160.0	155.0	44.8	9.2	8.5	7.7	6.6	5.7	15.5
43	163.8	158.8	43.7	9.4	8.7	7.9	6.7	5.8	15.9
44	167.6	162.6	42.7	9.6	8.9	8.0	6.9	5.9	16.2
45	171.4	166.4	41.7	9.8	9.1	8.2	7.1	6.1	16.6
46	175.2	170.2	40.8	10.1	9.3	8.4	7.2	6.2	17.0
47	179.0	174.0	39.9	10.3	9.6	8.6	7.4	6.4	17.3
48	182.9	177.9	39.0	10.5	9.8	8.8	7.6	6.5	17.7
49	186.7	181.7	38.2	10.8	10.0	9.0	7.7	6.6	18.1
50	190.5	185.5	37.4	11.0	10.2	9.2	7.9	6.8	18.5
51	194.3	189.3	36.7	11.2	10.4	9.4	8.0	6.9	18.8
52	198.1	193.1	35.9	11.4	10.6	9.6	8.2	7.1	19.2
53	201.9	196.9	35.2	11.7	10.8	9.7	8.4	7.2	19.6
54	205.7	200.7	34.6	11.9	11.0	9.9	8.5	7.3	19.9
55	209.5	204.5	33.9	12.1	11.2	10.1	8.7	7.5	20.3
56	213.3	208.3	33.3	12.3	11.4	10.3	8.9	7.6	20.7
57	217.1	212.1	32.7	12.6	11.6	10.5	9.0	7.8	21.0
58	221.0	216.0	32.1	12.8	11.8	10.7	9.2	7.9	21.4
59	224.8	219.8	31.6	13.0	12.1	10.9	9.3	8.0	21.8
60	228.6	223.6	31.0	13.2	12.3	11.1	9.5	8.2	22.1
61	232.4	227.4	30.5	13.5	12.5	11.3	9.7	8.3	22.5
62	236.2	231.2	30.0	13.7	12.7	11.4	9.8	8.5	22.9
63	240.0	235.0	29.5	13.9	12.9	11.6	10.0	8.6	23.3
64	243.8	238.8	29.1	14.1	13.1	11.8	10.1	8.7	23.6
65	247.6	242.6	28.6	14.4	13.3	12.0	10.3	8.9	24.0
66	251.4	246.4	28.2	14.6	13.5	12.2	10.5	9.0	24.4
67	255.2	250.2	27.7	14.8	13.7	12.4	10.6	9.2	24.7
68	259.0	254.0	27.3	15.0	13.9	12.6	10.8	9.3	25.1
69	262.9	257.9	26.9	15.3	14.1	12.8	11.0	9.4	25.5
70	266.7	261.7	26.5	15.5	14.4	13.0	11.1	9.6	25.8
71	270.5	265.5	26.1	15.7	14.6	13.1	11.3	9.7	26.2
72	274.3	269.3	25.8	15.9	14.8	13.3	11.4	9.9	26.6

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.273 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 8 075 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.3859 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				458	425	383	329	283	
				Turns on spring (Turns)					
29	106.2	101.2	79.8	5.7	5.3	4.8	4.1	3.5	11.2
30	109.9	104.9	77.0	6.0	5.5	5.0	4.3	3.7	11.6
31	113.6	108.6	74.4	6.2	5.7	5.2	4.4	3.8	12.0
32	117.2	112.2	72.0	6.4	5.9	5.3	4.6	3.9	12.3
33	120.9	115.9	69.7	6.6	6.1	5.5	4.7	4.1	12.7
34	124.5	119.5	67.6	6.8	6.3	5.7	4.9	4.2	13.1
35	128.2	123.2	65.5	7.0	6.5	5.8	5.0	4.3	13.5
36	131.9	126.9	63.7	7.2	6.7	6.0	5.2	4.4	13.9
37	135.5	130.5	61.9	7.4	6.9	6.2	5.3	4.6	14.3
38	139.2	134.2	60.2	7.6	7.1	6.4	5.5	4.7	14.7
39	142.9	137.9	58.6	7.8	7.3	6.5	5.6	4.8	15.1
40	146.5	141.5	57.1	8.0	7.4	6.7	5.8	5.0	15.4
41	150.2	145.2	55.6	8.2	7.6	6.9	5.9	5.1	15.8
42	153.8	148.8	54.3	8.4	7.8	7.1	6.1	5.2	16.2
43	157.5	152.5	53.0	8.7	8.0	7.2	6.2	5.3	16.6
44	161.2	156.2	51.7	8.9	8.2	7.4	6.4	5.5	17.0
45	164.8	159.8	50.5	9.1	8.4	7.6	6.5	5.6	17.4
46	168.5	163.5	49.4	9.3	8.6	7.8	6.7	5.7	17.8
47	172.2	167.2	48.3	9.5	8.8	7.9	6.8	5.9	18.1
48	175.8	170.8	47.3	9.7	9.0	8.1	7.0	6.0	18.5
49	179.5	174.5	46.3	9.9	9.2	8.3	7.1	6.1	18.9
50	183.2	178.2	45.3	10.1	9.4	8.5	7.3	6.2	19.3
51	186.8	181.8	44.4	10.3	9.6	8.6	7.4	6.4	19.7
52	190.5	185.5	43.5	10.5	9.8	8.8	7.6	6.5	20.1
53	194.1	189.1	42.7	10.7	9.9	9.0	7.7	6.6	20.5
54	197.8	192.8	41.9	10.9	10.1	9.1	7.9	6.8	20.8
55	201.5	196.5	41.1	11.1	10.3	9.3	8.0	6.9	21.2
56	205.1	200.1	40.4	11.4	10.5	9.5	8.2	7.0	21.6
57	208.8	203.8	39.6	11.6	10.7	9.7	8.3	7.1	22.0
58	212.5	207.5	38.9	11.8	10.9	9.8	8.5	7.3	22.4
59	216.1	211.1	38.3	12.0	11.1	10.0	8.6	7.4	22.8
60	219.8	214.8	37.6	12.2	11.3	10.2	8.8	7.5	23.2
61	223.4	218.4	37.0	12.4	11.5	10.4	8.9	7.7	23.5
62	227.1	222.1	36.4	12.6	11.7	10.5	9.0	7.8	23.9
63	230.8	225.8	35.8	12.8	11.9	10.7	9.2	7.9	24.3
64	234.4	229.4	35.2	13.0	12.1	10.9	9.3	8.0	24.7
65	238.1	233.1	34.6	13.2	12.3	11.1	9.5	8.2	25.1
66	241.8	236.8	34.1	13.4	12.5	11.2	9.6	8.3	25.5
67	245.4	240.4	33.6	13.6	12.6	11.4	9.8	8.4	25.9
68	249.1	244.1	33.1	13.8	12.8	11.6	9.9	8.6	26.2
69	252.7	247.7	32.6	14.1	13.0	11.8	10.1	8.7	26.6
70	256.4	251.4	32.1	14.3	13.2	11.9	10.2	8.8	27.0
71	260.1	255.1	31.7	14.5	13.4	12.1	10.4	8.9	27.4
72	263.7	258.7	31.2	14.7	13.6	12.3	10.5	9.1	27.8
73	267.4	262.4	30.8	14.9	13.8	12.4	10.7	9.2	28.2
74	271.1	266.1	30.4	15.1	14.0	12.6	10.8	9.3	28.6
75	274.7	269.7	29.9	15.3	14.2	12.8	11.0	9.5	28.9
76	278.4	273.4	29.5	15.5	14.4	13.0	11.1	9.6	29.3

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.283 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 9 279	Life (Thousand cycles)					Weight per inch (lbs/in) 0.4020
				MIP (in*lbs)					
				10	15	25	50	100	
				506	470	424	364	313	
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
31	109.5	104.5	88.8	5.7	5.3		4.8	4.1	3.5
32	113.1	108.1	85.9	5.9	5.5	4.9	4.2	3.6	12.9
33	116.6	111.6	83.1	6.1	5.6	5.1	4.4	3.8	13.3
34	120.1	115.1	80.6	6.3	5.8	5.3	4.5	3.9	13.7
35	123.7	118.7	78.2	6.5	6.0	5.4	4.7	4.0	14.1
36	127.2	122.2	75.9	6.7	6.2	5.6	4.8	4.1	14.5
37	130.7	125.7	73.8	6.9	6.4	5.7	4.9	4.2	14.9
38	134.3	129.3	71.8	7.1	6.5	5.9	5.1	4.4	15.3
39	137.8	132.8	69.9	7.2	6.7	6.1	5.2	4.5	15.7
40	141.3	136.3	68.1	7.4	6.9	6.2	5.3	4.6	16.1
41	144.9	139.9	66.3	7.6	7.1	6.4	5.5	4.7	16.5
42	148.4	143.4	64.7	7.8	7.3	6.5	5.6	4.8	16.9
43	151.9	146.9	63.2	8.0	7.4	6.7	5.8	5.0	17.3
44	155.5	150.5	61.7	8.2	7.6	6.9	5.9	5.1	17.7
45	159.0	154.0	60.3	8.4	7.8	7.0	6.0	5.2	18.1
46	162.5	157.5	58.9	8.6	8.0	7.2	6.2	5.3	18.5
47	166.1	161.1	57.6	8.8	8.2	7.4	6.3	5.4	18.9
48	169.6	164.6	56.4	9.0	8.3	7.5	6.5	5.6	19.3
49	173.1	168.1	55.2	9.2	8.5	7.7	6.6	5.7	19.7
50	176.7	171.7	54.1	9.4	8.7	7.8	6.7	5.8	20.1
51	180.2	175.2	53.0	9.6	8.9	8.0	6.9	5.9	20.5
52	183.7	178.7	51.9	9.8	9.0	8.2	7.0	6.0	20.9
53	187.3	182.3	50.9	9.9	9.2	8.3	7.1	6.2	21.3
54	190.8	185.8	49.9	10.1	9.4	8.5	7.3	6.3	21.7
55	194.3	189.3	49.0	10.3	9.6	8.6	7.4	6.4	22.1
56	197.9	192.9	48.1	10.5	9.8	8.8	7.6	6.5	22.5
57	201.4	196.4	47.2	10.7	9.9	9.0	7.7	6.6	22.9
58	204.9	199.9	46.4	10.9	10.1	9.1	7.8	6.7	23.3
59	208.5	203.5	45.6	11.1	10.3	9.3	8.0	6.9	23.7
60	212.0	207.0	44.8	11.3	10.5	9.4	8.1	7.0	24.1
61	215.5	210.5	44.1	11.5	10.7	9.6	8.3	7.1	24.5
62	219.1	214.1	43.3	11.7	10.8	9.8	8.4	7.2	24.9
63	222.6	217.6	42.6	11.9	11.0	9.9	8.5	7.3	25.3
64	226.1	221.1	42.0	12.1	11.2	10.1	8.7	7.5	25.7
65	229.7	224.7	41.3	12.3	11.4	10.3	8.8	7.6	26.1
66	233.2	228.2	40.7	12.5	11.6	10.4	8.9	7.7	26.5
67	236.7	231.7	40.0	12.6	11.7	10.6	9.1	7.8	26.9
68	240.3	235.3	39.4	12.8	11.9	10.7	9.2	7.9	27.3
69	243.8	238.8	38.9	13.0	12.1	10.9	9.4	8.1	27.7
70	247.3	242.3	38.3	13.2	12.3	11.1	9.5	8.2	28.1
71	250.9	245.9	37.7	13.4	12.4	11.2	9.6	8.3	28.5
72	254.4	249.4	37.2	13.6	12.6	11.4	9.8	8.4	28.9
73	258.0	253.0	36.7	13.8	12.8	11.5	9.9	8.5	29.3
74	261.5	256.5	36.2	14.0	13.0	11.7	10.1	8.7	29.8
75	265.0	260.0	35.7	14.2	13.2	11.9	10.2	8.8	30.2
76	268.6	263.6	35.2	14.4	13.3	12.0	10.3	8.9	30.6
77	272.1	267.1	34.7	14.6	13.5	12.2	10.5	9.0	31.0
78	275.6	270.6	34.3	14.8	13.7	12.4	10.6	9.1	31.4

Material: Oil tempered wire

mai



# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.289 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.4118	
			Rate (in*lbs*coil/turn) 10 062	MIP (in*lbs)					
				10	15	25	50		100
				537	498	449	386		332
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
32	110.7	105.7	95.2	5.6	5.2		4.7	4.1	3.5
33	114.2	109.2	92.2	5.8	5.4	4.9	4.2	3.6	13.6
34	117.6	112.6	89.3	6.0	5.6	5.0	4.3	3.7	14.0
35	121.1	116.1	86.7	6.2	5.7	5.2	4.5	3.8	14.4
36	124.6	119.6	84.2	6.4	5.9	5.3	4.6	3.9	14.8
37	128.0	123.0	81.8	6.6	6.1	5.5	4.7	4.1	15.2
38	131.5	126.5	79.6	6.8	6.3	5.6	4.8	4.2	15.6
39	134.9	129.9	77.4	6.9	6.4	5.8	5.0	4.3	16.1
40	138.4	133.4	75.4	7.1	6.6	6.0	5.1	4.4	16.5
41	141.9	136.9	73.5	7.3	6.8	6.1	5.2	4.5	16.9
42	145.3	140.3	71.7	7.5	6.9	6.3	5.4	4.6	17.3
43	148.8	143.8	70.0	7.7	7.1	6.4	5.5	4.7	17.7
44	152.2	147.2	68.3	7.9	7.3	6.6	5.6	4.9	18.1
45	155.7	150.7	66.8	8.0	7.5	6.7	5.8	5.0	18.5
46	159.2	154.2	65.3	8.2	7.6	6.9	5.9	5.1	18.9
47	162.6	157.6	63.8	8.4	7.8	7.0	6.0	5.2	19.4
48	166.1	161.1	62.5	8.6	8.0	7.2	6.2	5.3	19.8
49	169.6	164.6	61.2	8.8	8.1	7.3	6.3	5.4	20.2
50	173.0	168.0	59.9	9.0	8.3	7.5	6.4	5.5	20.6
51	176.5	171.5	58.7	9.2	8.5	7.7	6.6	5.7	21.0
52	179.9	174.9	57.5	9.3	8.7	7.8	6.7	5.8	21.4
53	183.4	178.4	56.4	9.5	8.8	8.0	6.8	5.9	21.8
54	186.9	181.9	55.3	9.7	9.0	8.1	7.0	6.0	22.2
55	190.3	185.3	54.3	9.9	9.2	8.3	7.1	6.1	22.6
56	193.8	188.8	53.3	10.1	9.3	8.4	7.2	6.2	23.1
57	197.2	192.2	52.3	10.3	9.5	8.6	7.4	6.3	23.5
58	200.7	195.7	51.4	10.4	9.7	8.7	7.5	6.5	23.9
59	204.2	199.2	50.5	10.6	9.9	8.9	7.6	6.6	24.3
60	207.6	202.6	49.7	10.8	10.0	9.0	7.8	6.7	24.7
61	211.1	206.1	48.8	11.0	10.2	9.2	7.9	6.8	25.1
62	214.5	209.5	48.0	11.2	10.4	9.4	8.0	6.9	25.5
63	218.0	213.0	47.2	11.4	10.5	9.5	8.2	7.0	25.9
64	221.5	216.5	46.5	11.6	10.7	9.7	8.3	7.1	26.4
65	224.9	219.9	45.8	11.7	10.9	9.8	8.4	7.3	26.8
66	228.4	223.4	45.0	11.9	11.1	10.0	8.6	7.4	27.2
67	231.8	226.8	44.4	12.1	11.2	10.1	8.7	7.5	27.6
68	235.3	230.3	43.7	12.3	11.4	10.3	8.8	7.6	28.0
69	238.8	233.8	43.0	12.5	11.6	10.4	9.0	7.7	28.4
70	242.2	237.2	42.4	12.7	11.7	10.6	9.1	7.8	28.8
71	245.7	240.7	41.8	12.8	11.9	10.7	9.2	7.9	29.2
72	249.1	244.1	41.2	13.0	12.1	10.9	9.4	8.1	29.6
73	252.6	247.6	40.6	13.2	12.3	11.1	9.5	8.2	30.1
74	256.1	251.1	40.1	13.4	12.4	11.2	9.6	8.3	30.5
75	259.5	254.5	39.5	13.6	12.6	11.4	9.8	8.4	30.9
76	263.0	258.0	39.0	13.8	12.8	11.5	9.9	8.5	31.3
77	266.4	261.4	38.5	14.0	12.9	11.7	10.0	8.6	31.7
78	269.9	264.9	38.0	14.1	13.1	11.8	10.2	8.7	32.1
79	273.4	268.4	37.5	14.3	13.3	12.0	10.3	8.9	32.5

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.295 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 10 892	Life (Thousand cycles)					Weight per inch (lbs/in) 0.4215
				MIP (in*lbs)					
				10	15	25	50	100	
				569	527	476	408	352	
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
33	111.9	106.9	101.9	5.6	5.2		4.7	4.0	3.4
34	115.3	110.3	98.8	5.8	5.3	4.8	4.1	3.6	14.3
35	118.6	113.6	95.8	5.9	5.5	5.0	4.3	3.7	14.8
36	122.0	117.0	93.1	6.1	5.7	5.1	4.4	3.8	15.2
37	125.4	120.4	90.4	6.3	5.8	5.3	4.5	3.9	15.6
38	128.8	123.8	88.0	6.5	6.0	5.4	4.6	4.0	16.0
39	132.2	127.2	85.6	6.6	6.2	5.6	4.8	4.1	16.4
40	135.6	130.6	83.4	6.8	6.3	5.7	4.9	4.2	16.9
41	139.0	134.0	81.3	7.0	6.5	5.9	5.0	4.3	17.3
42	142.4	137.4	79.3	7.2	6.7	6.0	5.2	4.4	17.7
43	145.8	140.8	77.4	7.3	6.8	6.1	5.3	4.5	18.1
44	149.2	144.2	75.6	7.5	7.0	6.3	5.4	4.7	18.5
45	152.5	147.5	73.8	7.7	7.1	6.4	5.5	4.8	19.0
46	155.9	150.9	72.2	7.9	7.3	6.6	5.7	4.9	19.4
47	159.3	154.3	70.6	8.1	7.5	6.7	5.8	5.0	19.8
48	162.7	157.7	69.1	8.2	7.6	6.9	5.9	5.1	20.2
49	166.1	161.1	67.6	8.4	7.8	7.0	6.0	5.2	20.7
50	169.5	164.5	66.2	8.6	8.0	7.2	6.2	5.3	21.1
51	172.9	167.9	64.9	8.8	8.1	7.3	6.3	5.4	21.5
52	176.3	171.3	63.6	8.9	8.3	7.5	6.4	5.5	21.9
53	179.7	174.7	62.4	9.1	8.5	7.6	6.5	5.6	22.3
54	183.1	178.1	61.2	9.3	8.6	7.8	6.7	5.7	22.8
55	186.4	181.4	60.0	9.5	8.8	7.9	6.8	5.9	23.2
56	189.8	184.8	58.9	9.7	8.9	8.1	6.9	6.0	23.6
57	193.2	188.2	57.9	9.8	9.1	8.2	7.1	6.1	24.0
58	196.6	191.6	56.8	10.0	9.3	8.4	7.2	6.2	24.4
59	200.0	195.0	55.9	10.2	9.4	8.5	7.3	6.3	24.9
60	203.4	198.4	54.9	10.4	9.6	8.7	7.4	6.4	25.3
61	206.8	201.8	54.0	10.5	9.8	8.8	7.6	6.5	25.7
62	210.2	205.2	53.1	10.7	9.9	9.0	7.7	6.6	26.1
63	213.6	208.6	52.2	10.9	10.1	9.1	7.8	6.7	26.6
64	216.9	211.9	51.4	11.1	10.3	9.3	7.9	6.8	27.0
65	220.3	215.3	50.6	11.2	10.4	9.4	8.1	7.0	27.4
66	223.7	218.7	49.8	11.4	10.6	9.6	8.2	7.1	27.8
67	227.1	222.1	49.0	11.6	10.8	9.7	8.3	7.2	28.2
68	230.5	225.5	48.3	11.8	10.9	9.8	8.5	7.3	28.7
69	233.9	228.9	47.6	12.0	11.1	10.0	8.6	7.4	29.1
70	237.3	232.3	46.9	12.1	11.2	10.1	8.7	7.5	29.5
71	240.7	235.7	46.2	12.3	11.4	10.3	8.8	7.6	29.9
72	244.1	239.1	45.6	12.5	11.6	10.4	9.0	7.7	30.4
73	247.5	242.5	44.9	12.7	11.7	10.6	9.1	7.8	30.8
74	250.8	245.8	44.3	12.8	11.9	10.7	9.2	7.9	31.2
75	254.2	249.2	43.7	13.0	12.1	10.9	9.3	8.0	31.6
76	257.6	252.6	43.1	13.2	12.2	11.0	9.5	8.2	32.0
77	261.0	256.0	42.5	13.4	12.4	11.2	9.6	8.3	32.5
78	264.4	259.4	42.0	13.5	12.6	11.3	9.7	8.4	32.9
79	267.8	262.8	41.4	13.7	12.7	11.5	9.9	8.5	33.3
80	271.2	266.2	40.9	13.9	12.9	11.6	10.0	8.6	33.7

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.297 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 11 179	Life (Thousand cycles)					Weight per inch (lbs/in) 0.4248
				10	15	25	50	100	
				MIP (in*lbs)					
				580	537	485	416	358	
IPPT (in*lbs/turn)	Turns on spring (Turns)					Weight of spring (lbs)			
33	111.1	106.1	105.4	5.5	5.1		4.6	4.0	3.4
34	114.5	109.5	102.1	5.7	5.3	4.7	4.1	3.5	14.4
35	117.8	112.8	99.1	5.8	5.4	4.9	4.2	3.6	14.9
36	121.2	116.2	96.2	6.0	5.6	5.0	4.3	3.7	15.3
37	124.6	119.6	93.5	6.2	5.7	5.2	4.5	3.8	15.7
38	127.9	122.9	90.9	6.4	5.9	5.3	4.6	3.9	16.1
39	131.3	126.3	88.5	6.5	6.1	5.5	4.7	4.0	16.6
40	134.7	129.7	86.2	6.7	6.2	5.6	4.8	4.2	17.0
41	138.0	133.0	84.0	6.9	6.4	5.8	5.0	4.3	17.4
42	141.4	136.4	82.0	7.1	6.6	5.9	5.1	4.4	17.8
43	144.8	139.8	80.0	7.2	6.7	6.1	5.2	4.5	18.3
44	148.1	143.1	78.1	7.4	6.9	6.2	5.3	4.6	18.7
45	151.5	146.5	76.3	7.6	7.0	6.4	5.5	4.7	19.1
46	154.9	149.9	74.6	7.8	7.2	6.5	5.6	4.8	19.5
47	158.2	153.2	73.0	7.9	7.4	6.6	5.7	4.9	20.0
48	161.6	156.6	71.4	8.1	7.5	6.8	5.8	5.0	20.4
49	165.0	160.0	69.9	8.3	7.7	6.9	6.0	5.1	20.8
50	168.4	163.4	68.4	8.5	7.9	7.1	6.1	5.2	21.2
51	171.7	166.7	67.1	8.6	8.0	7.2	6.2	5.3	21.7
52	175.1	170.1	65.7	8.8	8.2	7.4	6.3	5.5	22.1
53	178.5	173.5	64.5	9.0	8.3	7.5	6.5	5.6	22.5
54	181.8	176.8	63.2	9.2	8.5	7.7	6.6	5.7	22.9
55	185.2	180.2	62.0	9.3	8.7	7.8	6.7	5.8	23.4
56	188.6	183.6	60.9	9.5	8.8	8.0	6.8	5.9	23.8
57	191.9	186.9	59.8	9.7	9.0	8.1	7.0	6.0	24.2
58	195.3	190.3	58.8	9.9	9.1	8.2	7.1	6.1	24.6
59	198.7	193.7	57.7	10.0	9.3	8.4	7.2	6.2	25.1
60	202.0	197.0	56.7	10.2	9.5	8.5	7.3	6.3	25.5
61	205.4	200.4	55.8	10.4	9.6	8.7	7.5	6.4	25.9
62	208.8	203.8	54.9	10.6	9.8	8.8	7.6	6.5	26.3
63	212.1	207.1	54.0	10.7	10.0	9.0	7.7	6.6	26.8
64	215.5	210.5	53.1	10.9	10.1	9.1	7.8	6.7	27.2
65	218.9	213.9	52.3	11.1	10.3	9.3	8.0	6.9	27.6
66	222.2	217.2	51.5	11.3	10.4	9.4	8.1	7.0	28.0
67	225.6	220.6	50.7	11.4	10.6	9.6	8.2	7.1	28.5
68	229.0	224.0	49.9	11.6	10.8	9.7	8.3	7.2	28.9
69	232.3	227.3	49.2	11.8	10.9	9.9	8.5	7.3	29.3
70	235.7	230.7	48.5	12.0	11.1	10.0	8.6	7.4	29.7
71	239.1	234.1	47.8	12.1	11.3	10.1	8.7	7.5	30.2
72	242.4	237.4	47.1	12.3	11.4	10.3	8.8	7.6	30.6
73	245.8	240.8	46.4	12.5	11.6	10.4	9.0	7.7	31.0
74	249.2	244.2	45.8	12.7	11.7	10.6	9.1	7.8	31.4
75	252.5	247.5	45.2	12.8	11.9	10.7	9.2	7.9	31.9
76	255.9	250.9	44.6	13.0	12.1	10.9	9.3	8.0	32.3
77	259.3	254.3	44.0	13.2	12.2	11.0	9.5	8.1	32.7
78	262.6	257.6	43.4	13.4	12.4	11.2	9.6	8.3	33.1
79	266.0	261.0	42.8	13.5	12.5	11.3	9.7	8.4	33.6
80	269.4	264.4	42.3	13.7	12.7	11.5	9.8	8.5	34.0

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.307 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.4404	
			Rate (in*lbs*coil/turn) 12 621	MIP (in*lbs)					
				10	15	25	50		100
				633	587	529	454		391
IPPT (in*lbs/turn)			Turns on spring (Turns)					Weight of spring (lbs)	
35	114.2	109.2	115.6	5.5	5.1	4.6	3.9		3.4
36	117.5	112.5	112.2	5.6	5.2	4.7	4.0	3.5	15.9
37	120.7	115.7	109.1	5.8	5.4	4.9	4.2	3.6	16.3
38	124.0	119.0	106.1	6.0	5.5	5.0	4.3	3.7	16.7
39	127.2	122.2	103.2	6.1	5.7	5.1	4.4	3.8	17.2
40	130.5	125.5	100.6	6.3	5.8	5.3	4.5	3.9	17.6
41	133.8	128.8	98.0	6.5	6.0	5.4	4.6	4.0	18.1
42	137.0	132.0	95.6	6.6	6.1	5.5	4.8	4.1	18.5
43	140.3	135.3	93.3	6.8	6.3	5.7	4.9	4.2	18.9
44	143.6	138.6	91.1	6.9	6.4	5.8	5.0	4.3	19.4
45	146.8	141.8	89.0	7.1	6.6	5.9	5.1	4.4	19.8
46	150.1	145.1	87.0	7.3	6.7	6.1	5.2	4.5	20.3
47	153.3	148.3	85.1	7.4	6.9	6.2	5.3	4.6	20.7
48	156.6	151.6	83.3	7.6	7.0	6.4	5.5	4.7	21.1
49	159.9	154.9	81.5	7.8	7.2	6.5	5.6	4.8	21.6
50	163.1	158.1	79.8	7.9	7.4	6.6	5.7	4.9	22.0
51	166.4	161.4	78.2	8.1	7.5	6.8	5.8	5.0	22.5
52	169.7	164.7	76.7	8.3	7.7	6.9	5.9	5.1	22.9
53	172.9	167.9	75.2	8.4	7.8	7.0	6.0	5.2	23.3
54	176.2	171.2	73.7	8.6	8.0	7.2	6.2	5.3	23.8
55	179.4	174.4	72.4	8.7	8.1	7.3	6.3	5.4	24.2
56	182.7	177.7	71.0	8.9	8.3	7.5	6.4	5.5	24.7
57	186.0	181.0	69.7	9.1	8.4	7.6	6.5	5.6	25.1
58	189.2	184.2	68.5	9.2	8.6	7.7	6.6	5.7	25.5
59	192.5	187.5	67.3	9.4	8.7	7.9	6.8	5.8	26.0
60	195.8	190.8	66.2	9.6	8.9	8.0	6.9	5.9	26.4
61	199.0	194.0	65.1	9.7	9.0	8.1	7.0	6.0	26.9
62	202.3	197.3	64.0	9.9	9.2	8.3	7.1	6.1	27.3
63	205.5	200.5	62.9	10.1	9.3	8.4	7.2	6.2	27.7
64	208.8	203.8	61.9	10.2	9.5	8.5	7.3	6.3	28.2
65	212.1	207.1	61.0	10.4	9.6	8.7	7.5	6.4	28.6
66	215.3	210.3	60.0	10.5	9.8	8.8	7.6	6.5	29.1
67	218.6	213.6	59.1	10.7	9.9	9.0	7.7	6.6	29.5
68	221.9	216.9	58.2	10.9	10.1	9.1	7.8	6.7	30.0
69	225.1	220.1	57.3	11.0	10.2	9.2	7.9	6.8	30.4
70	228.4	223.4	56.5	11.2	10.4	9.4	8.0	6.9	30.8
71	231.6	226.6	55.7	11.4	10.5	9.5	8.2	7.0	31.3
72	234.9	229.9	54.9	11.5	10.7	9.6	8.3	7.1	31.7
73	238.2	233.2	54.1	11.7	10.8	9.8	8.4	7.2	32.2
74	241.4	236.4	53.4	11.9	11.0	9.9	8.5	7.3	32.6
75	244.7	239.7	52.7	12.0	11.1	10.1	8.6	7.4	33.0
76	248.0	243.0	51.9	12.2	11.3	10.2	8.7	7.5	33.5
77	251.2	246.2	51.3	12.3	11.4	10.3	8.9	7.6	33.9
78	254.5	249.5	50.6	12.5	11.6	10.5	9.0	7.7	34.4
79	257.7	252.7	49.9	12.7	11.7	10.6	9.1	7.8	34.8
80	261.0	256.0	49.3	12.8	11.9	10.7	9.2	7.9	35.2
81	264.3	259.3	48.7	13.0	12.1	10.9	9.3	8.0	35.7
82	267.5	262.5	48.1	13.2	12.2	11.0	9.5	8.1	36.1

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.313 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Life (Thousand cycles)					Weight per inch (lbs/in) 0.4504	
			Rate (in*lbs*coil/turn) 13 599	10	15	25	50		100
				MIP (in*lbs)					
				668	619	559	480		413
IPPT (in*lbs/turn)			Turns on spring (Turns)					Weight of spring (lbs)	
37	118.4	113.4	119.9	5.6	5.2	4.7	4.0		3.4
38	121.6	116.6	116.6	5.7	5.3	4.8	4.1	3.5	17.1
39	124.8	119.8	113.5	5.9	5.5	4.9	4.2	3.6	17.6
40	128.0	123.0	110.6	6.0	5.6	5.1	4.3	3.7	18.0
41	131.2	126.2	107.8	6.2	5.7	5.2	4.5	3.8	18.5
42	134.4	129.4	105.1	6.4	5.9	5.3	4.6	3.9	18.9
43	137.6	132.6	102.6	6.5	6.0	5.4	4.7	4.0	19.4
44	140.8	135.8	100.1	6.7	6.2	5.6	4.8	4.1	19.8
45	144.0	139.0	97.8	6.8	6.3	5.7	4.9	4.2	20.3
46	147.2	142.2	95.6	7.0	6.5	5.8	5.0	4.3	20.7
47	150.4	145.4	93.5	7.1	6.6	6.0	5.1	4.4	21.2
48	153.6	148.6	91.5	7.3	6.8	6.1	5.2	4.5	21.6
49	156.8	151.8	89.6	7.5	6.9	6.2	5.4	4.6	22.1
50	160.0	155.0	87.7	7.6	7.1	6.4	5.5	4.7	22.5
51	163.2	158.2	86.0	7.8	7.2	6.5	5.6	4.8	23.0
52	166.4	161.4	84.3	7.9	7.4	6.6	5.7	4.9	23.4
53	169.6	164.6	82.6	8.1	7.5	6.8	5.8	5.0	23.9
54	172.8	167.8	81.0	8.2	7.6	6.9	5.9	5.1	24.3
55	176.0	171.0	79.5	8.4	7.8	7.0	6.0	5.2	24.8
56	179.2	174.2	78.1	8.6	7.9	7.2	6.1	5.3	25.2
57	182.4	177.4	76.7	8.7	8.1	7.3	6.3	5.4	25.7
58	185.6	180.6	75.3	8.9	8.2	7.4	6.4	5.5	26.1
59	188.8	183.8	74.0	9.0	8.4	7.5	6.5	5.6	26.6
60	192.0	187.0	72.7	9.2	8.5	7.7	6.6	5.7	27.0
61	195.2	190.2	71.5	9.3	8.7	7.8	6.7	5.8	27.5
62	198.4	193.4	70.3	9.5	8.8	7.9	6.8	5.9	27.9
63	201.6	196.6	69.2	9.7	9.0	8.1	6.9	6.0	28.4
64	204.8	199.8	68.1	9.8	9.1	8.2	7.0	6.1	28.8
65	208.0	203.0	67.0	10.0	9.2	8.3	7.2	6.2	29.3
66	211.2	206.2	66.0	10.1	9.4	8.5	7.3	6.3	29.7
67	214.4	209.4	64.9	10.3	9.5	8.6	7.4	6.4	30.2
68	217.6	212.6	64.0	10.4	9.7	8.7	7.5	6.5	30.6
69	220.8	215.8	63.0	10.6	9.8	8.9	7.6	6.6	31.1
70	224.0	219.0	62.1	10.8	10.0	9.0	7.7	6.6	31.5
71	227.2	222.2	61.2	10.9	10.1	9.1	7.8	6.7	32.0
72	230.4	225.4	60.3	11.1	10.3	9.3	8.0	6.8	32.4
73	233.6	228.6	59.5	11.2	10.4	9.4	8.1	6.9	32.9
74	236.8	231.8	58.7	11.4	10.6	9.5	8.2	7.0	33.3
75	240.0	235.0	57.9	11.5	10.7	9.7	8.3	7.1	33.8
76	243.2	238.2	57.1	11.7	10.8	9.8	8.4	7.2	34.2
77	246.4	241.4	56.3	11.9	11.0	9.9	8.5	7.3	34.7
78	249.6	244.6	55.6	12.0	11.1	10.0	8.6	7.4	35.1
79	252.8	247.8	54.9	12.2	11.3	10.2	8.7	7.5	35.6
80	256.0	251.0	54.2	12.3	11.4	10.3	8.9	7.6	36.0
81	259.2	254.2	53.5	12.5	11.6	10.4	9.0	7.7	36.5
82	262.4	257.4	52.8	12.6	11.7	10.6	9.1	7.8	36.9
83	265.6	260.6	52.2	12.8	11.9	10.7	9.2	7.9	37.4
84	268.8	263.8	51.6	13.0	12.0	10.8	9.3	8.0	37.8

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.320 Wire diameter (in)  
 5 Dead coils (per spring)

Length (in.)	Total coils	Active coils	Rate (in*lbs*coil/turn) 14 809 IPPT (in*lbs/turn)	Life (Thousand cycles)					Weight per inch (lbs/in) 0.4620 Weight of spring (lbs)
				10	15	25	50	100	
				MIP (in*lbs)					
				710	659	594	510	439	
				Turns on spring (Turns)					
38	118.9	113.9	130.0	5.5	5.1	4.6	3.9	3.4	17.6
39	122.1	117.1	126.5	5.6	5.2	4.7	4.0	3.5	18.0
40	125.2	120.2	123.2	5.8	5.3	4.8	4.1	3.6	18.5
41	128.3	123.3	120.1	5.9	5.5	4.9	4.2	3.7	18.9
42	131.5	126.5	117.1	6.1	5.6	5.1	4.4	3.8	19.4
43	134.6	129.6	114.3	6.2	5.8	5.2	4.5	3.8	19.9
44	137.7	132.7	111.6	6.4	5.9	5.3	4.6	3.9	20.3
45	140.8	135.8	109.0	6.5	6.0	5.5	4.7	4.0	20.8
46	144.0	139.0	106.6	6.7	6.2	5.6	4.8	4.1	21.3
47	147.1	142.1	104.2	6.8	6.3	5.7	4.9	4.2	21.7
48	150.2	145.2	102.0	7.0	6.5	5.8	5.0	4.3	22.2
49	153.4	148.4	99.8	7.1	6.6	6.0	5.1	4.4	22.6
50	156.5	151.5	97.8	7.3	6.7	6.1	5.2	4.5	23.1
51	159.6	154.6	95.8	7.4	6.9	6.2	5.3	4.6	23.6
52	162.8	157.8	93.9	7.6	7.0	6.3	5.4	4.7	24.0
53	165.9	160.9	92.1	7.7	7.2	6.5	5.5	4.8	24.5
54	169.0	164.0	90.3	7.9	7.3	6.6	5.7	4.9	24.9
55	172.1	167.1	88.6	8.0	7.4	6.7	5.8	5.0	25.4
56	175.3	170.3	87.0	8.2	7.6	6.8	5.9	5.0	25.9
57	178.4	173.4	85.4	8.3	7.7	7.0	6.0	5.1	26.3
58	181.5	176.5	83.9	8.5	7.9	7.1	6.1	5.2	26.8
59	184.7	179.7	82.4	8.6	8.0	7.2	6.2	5.3	27.3
60	187.8	182.8	81.0	8.8	8.1	7.3	6.3	5.4	27.7
61	190.9	185.9	79.7	8.9	8.3	7.5	6.4	5.5	28.2
62	194.1	189.1	78.3	9.1	8.4	7.6	6.5	5.6	28.6
63	197.2	192.2	77.1	9.2	8.5	7.7	6.6	5.7	29.1
64	200.3	195.3	75.8	9.4	8.7	7.8	6.7	5.8	29.6
65	203.4	198.4	74.6	9.5	8.8	8.0	6.8	5.9	30.0
66	206.6	201.6	73.5	9.7	9.0	8.1	6.9	6.0	30.5
67	209.7	204.7	72.3	9.8	9.1	8.2	7.1	6.1	31.0
68	212.8	207.8	71.3	10.0	9.2	8.3	7.2	6.2	31.4
69	216.0	211.0	70.2	10.1	9.4	8.5	7.3	6.3	31.9
70	219.1	214.1	69.2	10.3	9.5	8.6	7.4	6.3	32.3
71	222.2	217.2	68.2	10.4	9.7	8.7	7.5	6.4	32.8
72	225.4	220.4	67.2	10.6	9.8	8.8	7.6	6.5	33.3
73	228.5	223.5	66.3	10.7	9.9	9.0	7.7	6.6	33.7
74	231.6	226.6	65.4	10.9	10.1	9.1	7.8	6.7	34.2
75	234.7	229.7	64.5	11.0	10.2	9.2	7.9	6.8	34.7
76	237.9	232.9	63.6	11.2	10.4	9.3	8.0	6.9	35.1
77	241.0	236.0	62.8	11.3	10.5	9.5	8.1	7.0	35.6
78	244.1	239.1	61.9	11.5	10.6	9.6	8.2	7.1	36.0
79	247.3	242.3	61.1	11.6	10.8	9.7	8.3	7.2	36.5
80	250.4	245.4	60.4	11.8	10.9	9.8	8.5	7.3	37.0
81	253.5	248.5	59.6	11.9	11.1	10.0	8.6	7.4	37.4
82	256.7	251.7	58.8	12.1	11.2	10.1	8.7	7.5	37.9
83	259.8	254.8	58.1	12.2	11.3	10.2	8.8	7.6	38.3
84	262.9	257.9	57.4	12.4	11.5	10.3	8.9	7.6	38.8
85	266.0	261.0	56.7	12.5	11.6	10.5	9.0	7.7	39.3

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.331 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			16 965	790	733	661	567	488	0.4813
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	114.8	109.8	154.5	5.1	4.7	4.3	3.7	3.2	18.3
39	117.8	112.8	150.4	5.3	4.9	4.4	3.8	3.2	18.8
40	120.8	115.8	146.4	5.4	5.0	4.5	3.9	3.3	19.3
41	123.9	118.9	142.7	5.5	5.1	4.6	4.0	3.4	19.7
42	126.9	121.9	139.2	5.7	5.3	4.7	4.1	3.5	20.2
43	129.9	124.9	135.8	5.8	5.4	4.9	4.2	3.6	20.7
44	132.9	127.9	132.6	6.0	5.5	5.0	4.3	3.7	21.2
45	136.0	131.0	129.6	6.1	5.7	5.1	4.4	3.8	21.7
46	139.0	134.0	126.6	6.2	5.8	5.2	4.5	3.9	22.1
47	142.0	137.0	123.8	6.4	5.9	5.3	4.6	3.9	22.6
48	145.0	140.0	121.2	6.5	6.0	5.5	4.7	4.0	23.1
49	148.0	143.0	118.6	6.7	6.2	5.6	4.8	4.1	23.6
50	151.1	146.1	116.2	6.8	6.3	5.7	4.9	4.2	24.1
51	154.1	149.1	113.8	6.9	6.4	5.8	5.0	4.3	24.5
52	157.1	152.1	111.5	7.1	6.6	5.9	5.1	4.4	25.0
53	160.1	155.1	109.4	7.2	6.7	6.0	5.2	4.5	25.5
54	163.1	158.1	107.3	7.4	6.8	6.2	5.3	4.6	26.0
55	166.2	161.2	105.3	7.5	7.0	6.3	5.4	4.6	26.5
56	169.2	164.2	103.3	7.6	7.1	6.4	5.5	4.7	27.0
57	172.2	167.2	101.5	7.8	7.2	6.5	5.6	4.8	27.4
58	175.2	170.2	99.7	7.9	7.4	6.6	5.7	4.9	27.9
59	178.2	173.2	97.9	8.1	7.5	6.7	5.8	5.0	28.4
60	181.3	176.3	96.2	8.2	7.6	6.9	5.9	5.1	28.9
61	184.3	179.3	94.6	8.3	7.7	7.0	6.0	5.2	29.4
62	187.3	182.3	93.1	8.5	7.9	7.1	6.1	5.2	29.8
63	190.3	185.3	91.5	8.6	8.0	7.2	6.2	5.3	30.3
64	193.4	188.4	90.1	8.8	8.1	7.3	6.3	5.4	30.8
65	196.4	191.4	88.6	8.9	8.3	7.5	6.4	5.5	31.3
66	199.4	194.4	87.3	9.1	8.4	7.6	6.5	5.6	31.8
67	202.4	197.4	85.9	9.2	8.5	7.7	6.6	5.7	32.2
68	205.4	200.4	84.6	9.3	8.7	7.8	6.7	5.8	32.7
69	208.5	203.5	83.4	9.5	8.8	7.9	6.8	5.9	33.2
70	211.5	206.5	82.2	9.6	8.9	8.0	6.9	5.9	33.7
71	214.5	209.5	81.0	9.8	9.0	8.2	7.0	6.0	34.2
72	217.5	212.5	79.8	9.9	9.2	8.3	7.1	6.1	34.7
73	220.5	215.5	78.7	10.0	9.3	8.4	7.2	6.2	35.1
74	223.6	218.6	77.6	10.2	9.4	8.5	7.3	6.3	35.6
75	226.6	221.6	76.6	10.3	9.6	8.6	7.4	6.4	36.1
76	229.6	224.6	75.5	10.5	9.7	8.7	7.5	6.5	36.6
77	232.6	227.6	74.5	10.6	9.8	8.9	7.6	6.6	37.1
78	235.6	230.6	73.6	10.7	10.0	9.0	7.7	6.6	37.5
79	238.7	233.7	72.6	10.9	10.1	9.1	7.8	6.7	38.0
80	241.7	236.7	71.7	11.0	10.2	9.2	7.9	6.8	38.5
81	244.7	239.7	70.8	11.2	10.4	9.3	8.0	6.9	39.0
82	247.7	242.7	69.9	11.3	10.5	9.5	8.1	7.0	39.5
83	250.8	245.8	69.0	11.4	10.6	9.6	8.2	7.1	39.9
84	253.8	248.8	68.2	11.6	10.7	9.7	8.3	7.2	40.4
85	256.8	251.8	67.4	11.7	10.9	9.8	8.4	7.2	40.9

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.344 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)					Weight per inch (lbs/in)
			19 603	884	820	740	635	547	0.5028
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	110.6	105.6	185.7	4.8	4.4	4.0	3.4	2.9	19.1
39	113.5	108.5	180.7	4.9	4.5	4.1	3.5	3.0	19.6
40	116.4	111.4	176.0	5.0	4.7	4.2	3.6	3.1	20.1
41	119.3	114.3	171.5	5.2	4.8	4.3	3.7	3.2	20.6
42	122.2	117.2	167.3	5.3	4.9	4.4	3.8	3.3	21.1
43	125.1	120.1	163.2	5.4	5.0	4.5	3.9	3.4	21.6
44	128.0	123.0	159.4	5.6	5.1	4.6	4.0	3.4	22.1
45	130.9	125.9	155.7	5.7	5.3	4.8	4.1	3.5	22.6
46	133.8	128.8	152.2	5.8	5.4	4.9	4.2	3.6	23.1
47	136.7	131.7	148.8	5.9	5.5	5.0	4.3	3.7	23.6
48	139.7	134.7	145.6	6.1	5.6	5.1	4.4	3.8	24.1
49	142.6	137.6	142.5	6.2	5.8	5.2	4.5	3.8	24.6
50	145.5	140.5	139.5	6.3	5.9	5.3	4.6	3.9	25.1
51	148.4	143.4	136.7	6.5	6.0	5.4	4.6	4.0	25.6
52	151.3	146.3	134.0	6.6	6.1	5.5	4.7	4.1	26.1
53	154.2	149.2	131.4	6.7	6.2	5.6	4.8	4.2	26.7
54	157.1	152.1	128.9	6.9	6.4	5.7	4.9	4.2	27.2
55	160.0	155.0	126.5	7.0	6.5	5.9	5.0	4.3	27.7
56	162.9	157.9	124.1	7.1	6.6	6.0	5.1	4.4	28.2
57	165.8	160.8	121.9	7.3	6.7	6.1	5.2	4.5	28.7
58	168.8	163.8	119.7	7.4	6.9	6.2	5.3	4.6	29.2
59	171.7	166.7	117.6	7.5	7.0	6.3	5.4	4.6	29.7
60	174.6	169.6	115.6	7.7	7.1	6.4	5.5	4.7	30.2
61	177.5	172.5	113.7	7.8	7.2	6.5	5.6	4.8	30.7
62	180.4	175.4	111.8	7.9	7.3	6.6	5.7	4.9	31.2
63	183.3	178.3	109.9	8.0	7.5	6.7	5.8	5.0	31.7
64	186.2	181.2	108.2	8.2	7.6	6.8	5.9	5.1	32.2
65	189.1	184.1	106.5	8.3	7.7	6.9	6.0	5.1	32.7
66	192.0	187.0	104.8	8.4	7.8	7.1	6.1	5.2	33.2
67	194.9	189.9	103.2	8.6	7.9	7.2	6.2	5.3	33.7
68	197.8	192.8	101.7	8.7	8.1	7.3	6.2	5.4	34.2
69	200.8	195.8	100.1	8.8	8.2	7.4	6.3	5.5	34.7
70	203.7	198.7	98.7	9.0	8.3	7.5	6.4	5.5	35.2
71	206.6	201.6	97.2	9.1	8.4	7.6	6.5	5.6	35.7
72	209.5	204.5	95.9	9.2	8.6	7.7	6.6	5.7	36.2
73	212.4	207.4	94.5	9.4	8.7	7.8	6.7	5.8	36.7
74	215.3	210.3	93.2	9.5	8.8	7.9	6.8	5.9	37.2
75	218.2	213.2	91.9	9.6	8.9	8.0	6.9	5.9	37.7
76	221.1	216.1	90.7	9.8	9.0	8.2	7.0	6.0	38.2
77	224.0	219.0	89.5	9.9	9.2	8.3	7.1	6.1	38.7
78	226.9	221.9	88.3	10.0	9.3	8.4	7.2	6.2	39.2
79	229.9	224.9	87.2	10.1	9.4	8.5	7.3	6.3	39.7
80	232.8	227.8	86.1	10.3	9.5	8.6	7.4	6.4	40.2
81	235.7	230.7	85.0	10.4	9.7	8.7	7.5	6.4	40.7
82	238.6	233.6	83.9	10.5	9.8	8.8	7.6	6.5	41.2
83	241.5	236.5	82.9	10.7	9.9	8.9	7.7	6.6	41.7
84	244.4	239.4	81.9	10.8	10.0	9.0	7.8	6.7	42.2
85	247.3	242.3	80.9	10.9	10.1	9.1	7.9	6.8	42.7

Material: Oil tempered wire

mai



# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.363 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			24 041	1038	962	868	745	641	0.5351
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	104.8	99.8	240.8	4.3	4.0	3.6	3.1	2.7	20.3
39	107.6	102.6	234.4	4.4	4.1	3.7	3.2	2.7	20.9
40	110.3	105.3	228.2	4.5	4.2	3.8	3.3	2.8	21.4
41	113.1	108.1	222.4	4.7	4.3	3.9	3.4	2.9	21.9
42	115.9	110.9	216.9	4.8	4.4	4.0	3.4	3.0	22.5
43	118.6	113.6	211.6	4.9	4.5	4.1	3.5	3.0	23.0
44	121.4	116.4	206.6	5.0	4.7	4.2	3.6	3.1	23.5
45	124.1	119.1	201.8	5.1	4.8	4.3	3.7	3.2	24.1
46	126.9	121.9	197.2	5.3	4.9	4.4	3.8	3.3	24.6
47	129.7	124.7	192.9	5.4	5.0	4.5	3.9	3.3	25.1
48	132.4	127.4	188.7	5.5	5.1	4.6	3.9	3.4	25.7
49	135.2	130.2	184.7	5.6	5.2	4.7	4.0	3.5	26.2
50	137.9	132.9	180.9	5.7	5.3	4.8	4.1	3.5	26.8
51	140.7	135.7	177.2	5.9	5.4	4.9	4.2	3.6	27.3
52	143.4	138.4	173.6	6.0	5.5	5.0	4.3	3.7	27.8
53	146.2	141.2	170.3	6.1	5.7	5.1	4.4	3.8	28.4
54	149.0	144.0	167.0	6.2	5.8	5.2	4.5	3.8	28.9
55	151.7	146.7	163.9	6.3	5.9	5.3	4.5	3.9	29.4
56	154.5	149.5	160.8	6.5	6.0	5.4	4.6	4.0	30.0
57	157.2	152.2	157.9	6.6	6.1	5.5	4.7	4.1	30.5
58	160.0	155.0	155.1	6.7	6.2	5.6	4.8	4.1	31.0
59	162.8	157.8	152.4	6.8	6.3	5.7	4.9	4.2	31.6
60	165.5	160.5	149.8	6.9	6.4	5.8	5.0	4.3	32.1
61	168.3	163.3	147.2	7.0	6.5	5.9	5.1	4.4	32.6
62	171.0	166.0	144.8	7.2	6.6	6.0	5.1	4.4	33.2
63	173.8	168.8	142.4	7.3	6.8	6.1	5.2	4.5	33.7
64	176.6	171.6	140.1	7.4	6.9	6.2	5.3	4.6	34.2
65	179.3	174.3	137.9	7.5	7.0	6.3	5.4	4.7	34.8
66	182.1	177.1	135.8	7.6	7.1	6.4	5.5	4.7	35.3
67	184.8	179.8	133.7	7.8	7.2	6.5	5.6	4.8	35.9
68	187.6	182.6	131.7	7.9	7.3	6.6	5.7	4.9	36.4
69	190.3	185.3	129.7	8.0	7.4	6.7	5.7	4.9	36.9
70	193.1	188.1	127.8	8.1	7.5	6.8	5.8	5.0	37.5
71	195.9	190.9	126.0	8.2	7.6	6.9	5.9	5.1	38.0
72	198.6	193.6	124.2	8.4	7.7	7.0	6.0	5.2	38.5
73	201.4	196.4	122.4	8.5	7.9	7.1	6.1	5.2	39.1
74	204.1	199.1	120.7	8.6	8.0	7.2	6.2	5.3	39.6
75	206.9	201.9	119.1	8.7	8.1	7.3	6.3	5.4	40.1
76	209.7	204.7	117.5	8.8	8.2	7.4	6.3	5.5	40.7
77	212.4	207.4	115.9	9.0	8.3	7.5	6.4	5.5	41.2
78	215.2	210.2	114.4	9.1	8.4	7.6	6.5	5.6	41.7
79	217.9	212.9	112.9	9.2	8.5	7.7	6.6	5.7	42.3
80	220.7	215.7	111.5	9.3	8.6	7.8	6.7	5.8	42.8
81	223.4	218.4	110.1	9.4	8.7	7.9	6.8	5.8	43.3
82	226.2	221.2	108.7	9.5	8.9	8.0	6.9	5.9	43.9
83	229.0	224.0	107.3	9.7	9.0	8.1	6.9	6.0	44.4
84	231.7	226.7	106.0	9.8	9.1	8.2	7.0	6.0	44.9
85	234.5	229.5	104.8	9.9	9.2	8.3	7.1	6.1	45.5

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.375 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			27 370	1149	1065	961	825	710	0.5568
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	101.3	96.3	284.1	4.0	3.7	3.4	2.9	2.5	21.2
39	104.0	99.0	276.5	4.2	3.9	3.5	3.0	2.6	21.7
40	106.7	101.7	269.2	4.3	4.0	3.6	3.1	2.6	22.3
41	109.3	104.3	262.3	4.4	4.1	3.7	3.1	2.7	22.8
42	112.0	107.0	255.8	4.5	4.2	3.8	3.2	2.8	23.4
43	114.7	109.7	249.6	4.6	4.3	3.8	3.3	2.8	23.9
44	117.3	112.3	243.7	4.7	4.4	3.9	3.4	2.9	24.5
45	120.0	115.0	238.0	4.8	4.5	4.0	3.5	3.0	25.1
46	122.7	117.7	232.6	4.9	4.6	4.1	3.5	3.1	25.6
47	125.3	120.3	227.5	5.1	4.7	4.2	3.6	3.1	26.2
48	128.0	123.0	222.5	5.2	4.8	4.3	3.7	3.2	26.7
49	130.7	125.7	217.8	5.3	4.9	4.4	3.8	3.3	27.3
50	133.3	128.3	213.3	5.4	5.0	4.5	3.9	3.3	27.8
51	136.0	131.0	208.9	5.5	5.1	4.6	3.9	3.4	28.4
52	138.7	133.7	204.8	5.6	5.2	4.7	4.0	3.5	29.0
53	141.3	136.3	200.8	5.7	5.3	4.8	4.1	3.5	29.5
54	144.0	139.0	196.9	5.8	5.4	4.9	4.2	3.6	30.1
55	146.7	141.7	193.2	5.9	5.5	5.0	4.3	3.7	30.6
56	149.3	144.3	189.6	6.1	5.6	5.1	4.4	3.7	31.2
57	152.0	147.0	186.2	6.2	5.7	5.2	4.4	3.8	31.7
58	154.7	149.7	182.9	6.3	5.8	5.3	4.5	3.9	32.3
59	157.3	152.3	179.7	6.4	5.9	5.3	4.6	4.0	32.9
60	160.0	155.0	176.6	6.5	6.0	5.4	4.7	4.0	33.4
61	162.7	157.7	173.6	6.6	6.1	5.5	4.8	4.1	34.0
62	165.3	160.3	170.7	6.7	6.2	5.6	4.8	4.2	34.5
63	168.0	163.0	167.9	6.8	6.3	5.7	4.9	4.2	35.1
64	170.7	165.7	165.2	7.0	6.4	5.8	5.0	4.3	35.6
65	173.3	168.3	162.6	7.1	6.6	5.9	5.1	4.4	36.2
66	176.0	171.0	160.1	7.2	6.7	6.0	5.2	4.4	36.8
67	178.7	173.7	157.6	7.3	6.8	6.1	5.2	4.5	37.3
68	181.3	176.3	155.2	7.4	6.9	6.2	5.3	4.6	37.9
69	184.0	179.0	152.9	7.5	7.0	6.3	5.4	4.6	38.4
70	186.7	181.7	150.7	7.6	7.1	6.4	5.5	4.7	39.0
71	189.3	184.3	148.5	7.7	7.2	6.5	5.6	4.8	39.5
72	192.0	187.0	146.4	7.8	7.3	6.6	5.6	4.9	40.1
73	194.7	189.7	144.3	8.0	7.4	6.7	5.7	4.9	40.6
74	197.3	192.3	142.3	8.1	7.5	6.8	5.8	5.0	41.2
75	200.0	195.0	140.4	8.2	7.6	6.8	5.9	5.1	41.8
76	202.7	197.7	138.5	8.3	7.7	6.9	6.0	5.1	42.3
77	205.3	200.3	136.6	8.4	7.8	7.0	6.0	5.2	42.9
78	208.0	203.0	134.8	8.5	7.9	7.1	6.1	5.3	43.4
79	210.7	205.7	133.1	8.6	8.0	7.2	6.2	5.3	44.0
80	213.3	208.3	131.4	8.7	8.1	7.3	6.3	5.4	44.5
81	216.0	211.0	129.7	8.9	8.2	7.4	6.4	5.5	45.1
82	218.7	213.7	128.1	9.0	8.3	7.5	6.4	5.5	45.7
83	221.3	216.3	126.5	9.1	8.4	7.6	6.5	5.6	46.2
84	224.0	219.0	125.0	9.2	8.5	7.7	6.6	5.7	46.8
85	226.7	221.7	123.5	9.3	8.6	7.8	6.7	5.8	47.3

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.394 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			32 994	1330	1234	1113	955	822	0.5899
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	96.5	91.5	360.6	3.7	3.4	3.1	2.6	2.3	22.4
39	99.0	94.0	350.9	3.8	3.5	3.2	2.7	2.3	23.0
40	101.6	96.6	341.6	3.9	3.6	3.3	2.8	2.4	23.6
41	104.1	99.1	332.9	4.0	3.7	3.3	2.9	2.5	24.2
42	106.7	101.7	324.6	4.1	3.8	3.4	2.9	2.5	24.8
43	109.2	104.2	316.7	4.2	3.9	3.5	3.0	2.6	25.4
44	111.7	106.7	309.1	4.3	4.0	3.6	3.1	2.7	26.0
45	114.3	109.3	301.9	4.4	4.1	3.7	3.2	2.7	26.5
46	116.8	111.8	295.1	4.5	4.2	3.8	3.2	2.8	27.1
47	119.3	114.3	288.5	4.6	4.3	3.9	3.3	2.9	27.7
48	121.9	116.9	282.3	4.7	4.4	3.9	3.4	2.9	28.3
49	124.4	119.4	276.3	4.8	4.5	4.0	3.5	3.0	28.9
50	127.0	122.0	270.5	4.9	4.6	4.1	3.5	3.0	29.5
51	129.5	124.5	265.0	5.0	4.7	4.2	3.6	3.1	30.1
52	132.0	127.0	259.7	5.1	4.8	4.3	3.7	3.2	30.7
53	134.6	129.6	254.6	5.2	4.8	4.4	3.8	3.2	31.3
54	137.1	132.1	249.7	5.3	4.9	4.5	3.8	3.3	31.9
55	139.7	134.7	245.0	5.4	5.0	4.5	3.9	3.4	32.4
56	142.2	137.2	240.5	5.5	5.1	4.6	4.0	3.4	33.0
57	144.7	139.7	236.1	5.6	5.2	4.7	4.0	3.5	33.6
58	147.3	142.3	231.9	5.7	5.3	4.8	4.1	3.5	34.2
59	149.8	144.8	227.8	5.8	5.4	4.9	4.2	3.6	34.8
60	152.4	147.4	223.9	5.9	5.5	5.0	4.3	3.7	35.4
61	154.9	149.9	220.1	6.0	5.6	5.1	4.3	3.7	36.0
62	157.4	152.4	216.4	6.1	5.7	5.1	4.4	3.8	36.6
63	160.0	155.0	212.9	6.2	5.8	5.2	4.5	3.9	37.2
64	162.5	157.5	209.5	6.4	5.9	5.3	4.6	3.9	37.8
65	165.1	160.1	206.1	6.5	6.0	5.4	4.6	4.0	38.3
66	167.6	162.6	202.9	6.6	6.1	5.5	4.7	4.1	38.9
67	170.1	165.1	199.8	6.7	6.2	5.6	4.8	4.1	39.5
68	172.7	167.7	196.8	6.8	6.3	5.7	4.9	4.2	40.1
69	175.2	170.2	193.8	6.9	6.4	5.7	4.9	4.2	40.7
70	177.8	172.8	191.0	7.0	6.5	5.8	5.0	4.3	41.3
71	180.3	175.3	188.2	7.1	6.6	5.9	5.1	4.4	41.9
72	182.8	177.8	185.5	7.2	6.6	6.0	5.1	4.4	42.5
73	185.4	180.4	182.9	7.3	6.7	6.1	5.2	4.5	43.1
74	187.9	182.9	180.4	7.4	6.8	6.2	5.3	4.6	43.7
75	190.5	185.5	177.9	7.5	6.9	6.3	5.4	4.6	44.2
76	193.0	188.0	175.5	7.6	7.0	6.3	5.4	4.7	44.8
77	195.5	190.5	173.2	7.7	7.1	6.4	5.5	4.7	45.4
78	198.1	193.1	170.9	7.8	7.2	6.5	5.6	4.8	46.0
79	200.6	195.6	168.7	7.9	7.3	6.6	5.7	4.9	46.6
80	203.1	198.1	166.5	8.0	7.4	6.7	5.7	4.9	47.2
81	205.7	200.7	164.4	8.1	7.5	6.8	5.8	5.0	47.8
82	208.2	203.2	162.4	8.2	7.6	6.9	5.9	5.1	48.4
83	210.8	205.8	160.3	8.3	7.7	6.9	6.0	5.1	49.0
84	213.3	208.3	158.4	8.4	7.8	7.0	6.0	5.2	49.6
85	215.8	210.8	156.5	8.5	7.9	7.1	6.1	5.3	50.1

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.406 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			37 135	1460	1354	1221	1049	903	0.6120
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)			(lbs)		
38	93.5	88.5	419.4	3.5	3.2	2.9	2.5	2.2	23.3
39	96.0	91.0	408.0	3.6	3.3	3.0	2.6	2.2	23.9
40	98.5	93.5	397.3	3.7	3.4	3.1	2.6	2.3	24.5
41	100.9	95.9	387.1	3.8	3.5	3.2	2.7	2.3	25.1
42	103.4	98.4	377.4	3.9	3.6	3.2	2.8	2.4	25.7
43	105.9	100.9	368.2	4.0	3.7	3.3	2.8	2.5	26.3
44	108.3	103.3	359.4	4.1	3.8	3.4	2.9	2.5	26.9
45	110.8	105.8	351.1	4.2	3.9	3.5	3.0	2.6	27.5
46	113.2	108.2	343.1	4.3	3.9	3.6	3.1	2.6	28.2
47	115.7	110.7	335.4	4.4	4.0	3.6	3.1	2.7	28.8
48	118.2	113.2	328.1	4.4	4.1	3.7	3.2	2.8	29.4
49	120.6	115.6	321.2	4.5	4.2	3.8	3.3	2.8	30.0
50	123.1	118.1	314.5	4.6	4.3	3.9	3.3	2.9	30.6
51	125.6	120.6	308.0	4.7	4.4	4.0	3.4	2.9	31.2
52	128.0	123.0	301.9	4.8	4.5	4.0	3.5	3.0	31.8
53	130.5	125.5	296.0	4.9	4.6	4.1	3.5	3.0	32.4
54	132.9	127.9	290.3	5.0	4.7	4.2	3.6	3.1	33.0
55	135.4	130.4	284.8	5.1	4.8	4.3	3.7	3.2	33.7
56	137.9	132.9	279.5	5.2	4.8	4.4	3.8	3.2	34.3
57	140.3	135.3	274.4	5.3	4.9	4.4	3.8	3.3	34.9
58	142.8	137.8	269.5	5.4	5.0	4.5	3.9	3.3	35.5
59	145.2	140.2	264.8	5.5	5.1	4.6	4.0	3.4	36.1
60	147.7	142.7	260.2	5.6	5.2	4.7	4.0	3.5	36.7
61	150.2	145.2	255.8	5.7	5.3	4.8	4.1	3.5	37.3
62	152.6	147.6	251.5	5.8	5.4	4.9	4.2	3.6	37.9
63	155.1	150.1	247.4	5.9	5.5	4.9	4.2	3.6	38.6
64	157.6	152.6	243.4	6.0	5.6	5.0	4.3	3.7	39.2
65	160.0	155.0	239.6	6.1	5.7	5.1	4.4	3.8	39.8
66	162.5	157.5	235.8	6.2	5.7	5.2	4.4	3.8	40.4
67	164.9	159.9	232.2	6.3	5.8	5.3	4.5	3.9	41.0
68	167.4	162.4	228.7	6.4	5.9	5.3	4.6	3.9	41.6
69	169.9	164.9	225.2	6.5	6.0	5.4	4.7	4.0	42.2
70	172.3	167.3	221.9	6.6	6.1	5.5	4.7	4.1	42.8
71	174.8	169.8	218.7	6.7	6.2	5.6	4.8	4.1	43.5
72	177.3	172.3	215.6	6.8	6.3	5.7	4.9	4.2	44.1
73	179.7	174.7	212.6	6.9	6.4	5.7	4.9	4.2	44.7
74	182.2	177.2	209.6	7.0	6.5	5.8	5.0	4.3	45.3
75	184.6	179.6	206.7	7.1	6.5	5.9	5.1	4.4	45.9
76	187.1	182.1	203.9	7.2	6.6	6.0	5.1	4.4	46.5
77	189.6	184.6	201.2	7.3	6.7	6.1	5.2	4.5	47.1
78	192.0	187.0	198.6	7.4	6.8	6.1	5.3	4.5	47.7
79	194.5	189.5	196.0	7.4	6.9	6.2	5.4	4.6	48.3
80	196.9	191.9	193.5	7.5	7.0	6.3	5.4	4.7	49.0
81	199.4	194.4	191.0	7.6	7.1	6.4	5.5	4.7	49.6
82	201.9	196.9	188.6	7.7	7.2	6.5	5.6	4.8	50.2
83	204.3	199.3	186.3	7.8	7.3	6.6	5.6	4.8	50.8
84	206.8	201.8	184.0	7.9	7.4	6.6	5.7	4.9	51.4
85	209.3	204.3	181.8	8.0	7.4	6.7	5.8	5.0	52.0

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.422 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			42 867	1635	1516	1367	1174	1011	0.6401
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	90.1	85.1	503.8	3.2	3.0	2.7	2.3	2.0	24.3
39	92.5	87.5	490.1	3.3	3.1	2.8	2.4	2.1	25.0
40	94.8	89.8	477.2	3.4	3.2	2.9	2.5	2.1	25.6
41	97.2	92.2	464.9	3.5	3.3	2.9	2.5	2.2	26.2
42	99.6	94.6	453.3	3.6	3.3	3.0	2.6	2.2	26.9
43	101.9	96.9	442.2	3.7	3.4	3.1	2.7	2.3	27.5
44	104.3	99.3	431.6	3.8	3.5	3.2	2.7	2.3	28.2
45	106.7	101.7	421.6	3.9	3.6	3.2	2.8	2.4	28.8
46	109.1	104.1	412.0	4.0	3.7	3.3	2.9	2.5	29.4
47	111.4	106.4	402.8	4.1	3.8	3.4	2.9	2.5	30.1
48	113.8	108.8	394.0	4.1	3.8	3.5	3.0	2.6	30.7
49	116.2	111.2	385.6	4.2	3.9	3.5	3.0	2.6	31.4
50	118.5	113.5	377.6	4.3	4.0	3.6	3.1	2.7	32.0
51	120.9	115.9	369.8	4.4	4.1	3.7	3.2	2.7	32.6
52	123.3	118.3	362.4	4.5	4.2	3.8	3.2	2.8	33.3
53	125.7	120.7	355.3	4.6	4.3	3.8	3.3	2.8	33.9
54	128.0	123.0	348.5	4.7	4.4	3.9	3.4	2.9	34.6
55	130.4	125.4	341.9	4.8	4.4	4.0	3.4	3.0	35.2
56	132.8	127.8	335.5	4.9	4.5	4.1	3.5	3.0	35.8
57	135.1	130.1	329.4	5.0	4.6	4.2	3.6	3.1	36.5
58	137.5	132.5	323.5	5.1	4.7	4.2	3.6	3.1	37.1
59	139.9	134.9	317.8	5.1	4.8	4.3	3.7	3.2	37.8
60	142.2	137.2	312.3	5.2	4.9	4.4	3.8	3.2	38.4
61	144.6	139.6	307.0	5.3	4.9	4.5	3.8	3.3	39.0
62	147.0	142.0	301.9	5.4	5.0	4.5	3.9	3.3	39.7
63	149.4	144.4	296.9	5.5	5.1	4.6	4.0	3.4	40.3
64	151.7	146.7	292.2	5.6	5.2	4.7	4.0	3.5	41.0
65	154.1	149.1	287.5	5.7	5.3	4.8	4.1	3.5	41.6
66	156.5	151.5	283.0	5.8	5.4	4.8	4.1	3.6	42.2
67	158.8	153.8	278.6	5.9	5.4	4.9	4.2	3.6	42.9
68	161.2	156.2	274.4	6.0	5.5	5.0	4.3	3.7	43.5
69	163.6	158.6	270.3	6.0	5.6	5.1	4.3	3.7	44.2
70	166.0	161.0	266.3	6.1	5.7	5.1	4.4	3.8	44.8
71	168.3	163.3	262.5	6.2	5.8	5.2	4.5	3.9	45.4
72	170.7	165.7	258.7	6.3	5.9	5.3	4.5	3.9	46.1
73	173.1	168.1	255.1	6.4	5.9	5.4	4.6	4.0	46.7
74	175.4	170.4	251.5	6.5	6.0	5.4	4.7	4.0	47.4
75	177.8	172.8	248.1	6.6	6.1	5.5	4.7	4.1	48.0
76	180.2	175.2	244.7	6.7	6.2	5.6	4.8	4.1	48.6
77	182.6	177.6	241.4	6.8	6.3	5.7	4.9	4.2	49.3
78	184.9	179.9	238.3	6.9	6.4	5.7	4.9	4.2	49.9
79	187.3	182.3	235.2	7.0	6.4	5.8	5.0	4.3	50.6
80	189.7	184.7	232.1	7.0	6.5	5.9	5.1	4.4	51.2
81	192.0	187.0	229.2	7.1	6.6	6.0	5.1	4.4	51.8
82	194.4	189.4	226.3	7.2	6.7	6.0	5.2	4.5	52.5
83	196.8	191.8	223.5	7.3	6.8	6.1	5.3	4.5	53.1
84	199.1	194.1	220.8	7.4	6.9	6.2	5.3	4.6	53.8
85	201.5	196.5	218.1	7.5	6.9	6.3	5.4	4.6	54.4

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.431 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)					Weight per inch (lbs/in)
			46 329	1738	1612	1454	1248	1074	0.6559
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	88.3	83.3	556.4	3.1	2.9	2.6	2.2	1.9	24.9
39	90.6	85.6	541.3	3.2	3.0	2.7	2.3	2.0	25.6
40	92.9	87.9	527.0	3.3	3.1	2.8	2.4	2.0	26.2
41	95.2	90.2	513.4	3.4	3.1	2.8	2.4	2.1	26.9
42	97.6	92.6	500.5	3.5	3.2	2.9	2.5	2.1	27.5
43	99.9	94.9	488.3	3.6	3.3	3.0	2.6	2.2	28.2
44	102.2	97.2	476.6	3.6	3.4	3.1	2.6	2.3	28.9
45	104.5	99.5	465.5	3.7	3.5	3.1	2.7	2.3	29.5
46	106.9	101.9	454.9	3.8	3.5	3.2	2.7	2.4	30.2
47	109.2	104.2	444.7	3.9	3.6	3.3	2.8	2.4	30.8
48	111.5	106.5	435.0	4.0	3.7	3.3	2.9	2.5	31.5
49	113.8	108.8	425.7	4.1	3.8	3.4	2.9	2.5	32.1
50	116.1	111.1	416.8	4.2	3.9	3.5	3.0	2.6	32.8
51	118.5	113.5	408.3	4.3	3.9	3.6	3.1	2.6	33.5
52	120.8	115.8	400.1	4.3	4.0	3.6	3.1	2.7	34.1
53	123.1	118.1	392.2	4.4	4.1	3.7	3.2	2.7	34.8
54	125.4	120.4	384.7	4.5	4.2	3.8	3.2	2.8	35.4
55	127.8	122.8	377.4	4.6	4.3	3.9	3.3	2.8	36.1
56	130.1	125.1	370.4	4.7	4.4	3.9	3.4	2.9	36.7
57	132.4	127.4	363.6	4.8	4.4	4.0	3.4	3.0	37.4
58	134.7	129.7	357.1	4.9	4.5	4.1	3.5	3.0	38.0
59	137.0	132.0	350.8	5.0	4.6	4.1	3.6	3.1	38.7
60	139.4	134.4	344.8	5.0	4.7	4.2	3.6	3.1	39.4
61	141.7	136.7	338.9	5.1	4.8	4.3	3.7	3.2	40.0
62	144.0	139.0	333.3	5.2	4.8	4.4	3.7	3.2	40.7
63	146.3	141.3	327.8	5.3	4.9	4.4	3.8	3.3	41.3
64	148.7	143.7	322.5	5.4	5.0	4.5	3.9	3.3	42.0
65	151.0	146.0	317.4	5.5	5.1	4.6	3.9	3.4	42.6
66	153.3	148.3	312.4	5.6	5.2	4.7	4.0	3.4	43.3
67	155.6	150.6	307.6	5.7	5.2	4.7	4.1	3.5	43.9
68	158.0	153.0	302.9	5.7	5.3	4.8	4.1	3.5	44.6
69	160.3	155.3	298.4	5.8	5.4	4.9	4.2	3.6	45.3
70	162.6	157.6	294.0	5.9	5.5	4.9	4.2	3.7	45.9
71	164.9	159.9	289.7	6.0	5.6	5.0	4.3	3.7	46.6
72	167.2	162.2	285.5	6.1	5.6	5.1	4.4	3.8	47.2
73	169.6	164.6	281.5	6.2	5.7	5.2	4.4	3.8	47.9
74	171.9	166.9	277.6	6.3	5.8	5.2	4.5	3.9	48.5
75	174.2	169.2	273.8	6.3	5.9	5.3	4.6	3.9	49.2
76	176.5	171.5	270.1	6.4	6.0	5.4	4.6	4.0	49.9
77	178.9	173.9	266.5	6.5	6.0	5.5	4.7	4.0	50.5
78	181.2	176.2	263.0	6.6	6.1	5.5	4.7	4.1	51.2
79	183.5	178.5	259.5	6.7	6.2	5.6	4.8	4.1	51.8
80	185.8	180.8	256.2	6.8	6.3	5.7	4.9	4.2	52.5
81	188.2	183.2	253.0	6.9	6.4	5.7	4.9	4.2	53.1
82	190.5	185.5	249.8	7.0	6.5	5.8	5.0	4.3	53.8
83	192.8	187.8	246.7	7.0	6.5	5.9	5.1	4.4	54.4
84	195.1	190.1	243.7	7.1	6.6	6.0	5.1	4.4	55.1
85	197.4	192.4	240.7	7.2	6.7	6.0	5.2	4.5	55.8

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.438 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			49 258	1824	1692	1526	1310	1128	0.6687
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	86.9	81.9	601.8	3.0	2.8	2.5	2.2	1.9	25.4
39	89.1	84.1	585.4	3.1	2.9	2.6	2.2	1.9	26.1
40	91.4	86.4	569.9	3.2	3.0	2.7	2.3	2.0	26.7
41	93.7	88.7	555.3	3.3	3.0	2.7	2.4	2.0	27.4
42	96.0	91.0	541.3	3.4	3.1	2.8	2.4	2.1	28.1
43	98.3	93.3	528.0	3.5	3.2	2.9	2.5	2.1	28.8
44	100.6	95.6	515.4	3.5	3.3	3.0	2.5	2.2	29.4
45	102.9	97.9	503.4	3.6	3.4	3.0	2.6	2.2	30.1
46	105.1	100.1	491.9	3.7	3.4	3.1	2.7	2.3	30.8
47	107.4	102.4	480.9	3.8	3.5	3.2	2.7	2.3	31.4
48	109.7	104.7	470.4	3.9	3.6	3.2	2.8	2.4	32.1
49	112.0	107.0	460.4	4.0	3.7	3.3	2.8	2.4	32.8
50	114.3	109.3	450.7	4.0	3.8	3.4	2.9	2.5	33.4
51	116.6	111.6	441.5	4.1	3.8	3.5	3.0	2.6	34.1
52	118.9	113.9	432.6	4.2	3.9	3.5	3.0	2.6	34.8
53	121.1	116.1	424.1	4.3	4.0	3.6	3.1	2.7	35.4
54	123.4	118.4	415.9	4.4	4.1	3.7	3.1	2.7	36.1
55	125.7	120.7	408.1	4.5	4.1	3.7	3.2	2.8	36.8
56	128.0	123.0	400.5	4.6	4.2	3.8	3.3	2.8	37.4
57	130.3	125.3	393.2	4.6	4.3	3.9	3.3	2.9	38.1
58	132.6	127.6	386.1	4.7	4.4	4.0	3.4	2.9	38.8
59	134.9	129.9	379.3	4.8	4.5	4.0	3.5	3.0	39.5
60	137.1	132.1	372.8	4.9	4.5	4.1	3.5	3.0	40.1
61	139.4	134.4	366.4	5.0	4.6	4.2	3.6	3.1	40.8
62	141.7	136.7	360.3	5.1	4.7	4.2	3.6	3.1	41.5
63	144.0	139.0	354.4	5.1	4.8	4.3	3.7	3.2	42.1
64	146.3	141.3	348.6	5.2	4.9	4.4	3.8	3.2	42.8
65	148.6	143.6	343.1	5.3	4.9	4.4	3.8	3.3	43.5
66	150.9	145.9	337.7	5.4	5.0	4.5	3.9	3.3	44.1
67	153.1	148.1	332.5	5.5	5.1	4.6	3.9	3.4	44.8
68	155.4	150.4	327.5	5.6	5.2	4.7	4.0	3.4	45.5
69	157.7	152.7	322.6	5.7	5.2	4.7	4.1	3.5	46.1
70	160.0	155.0	317.8	5.7	5.3	4.8	4.1	3.5	46.8
71	162.3	157.3	313.2	5.8	5.4	4.9	4.2	3.6	47.5
72	164.6	159.6	308.7	5.9	5.5	4.9	4.2	3.7	48.1
73	166.9	161.9	304.3	6.0	5.6	5.0	4.3	3.7	48.8
74	169.1	164.1	300.1	6.1	5.6	5.1	4.4	3.8	49.5
75	171.4	166.4	296.0	6.2	5.7	5.2	4.4	3.8	50.2
76	173.7	168.7	292.0	6.2	5.8	5.2	4.5	3.9	50.8
77	176.0	171.0	288.1	6.3	5.9	5.3	4.5	3.9	51.5
78	178.3	173.3	284.3	6.4	6.0	5.4	4.6	4.0	52.2
79	180.6	175.6	280.6	6.5	6.0	5.4	4.7	4.0	52.8
80	182.9	177.9	277.0	6.6	6.1	5.5	4.7	4.1	53.5
81	185.1	180.1	273.4	6.7	6.2	5.6	4.8	4.1	54.2
82	187.4	182.4	270.0	6.8	6.3	5.7	4.9	4.2	54.8
83	189.7	184.7	266.7	6.8	6.3	5.7	4.9	4.2	55.5
84	192.0	187.0	263.4	6.9	6.4	5.8	5.0	4.3	56.2
85	194.3	189.3	260.2	7.0	6.5	5.9	5.0	4.3	56.8

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.453 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			56 268	2026	1879	1695	1455	1253	0.6975
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	83.9	78.9	713.5	2.8	2.6	2.4	2.0	1.8	26.5
39	86.1	81.1	694.0	2.9	2.7	2.4	2.1	1.8	27.2
40	88.3	83.3	675.6	3.0	2.8	2.5	2.2	1.9	27.9
41	90.5	85.5	658.2	3.1	2.9	2.6	2.2	1.9	28.6
42	92.7	87.7	641.6	3.2	2.9	2.6	2.3	2.0	29.3
43	94.9	89.9	625.9	3.2	3.0	2.7	2.3	2.0	30.0
44	97.1	92.1	610.9	3.3	3.1	2.8	2.4	2.1	30.7
45	99.3	94.3	596.6	3.4	3.1	2.8	2.4	2.1	31.4
46	101.5	96.5	583.0	3.5	3.2	2.9	2.5	2.1	32.1
47	103.7	98.7	569.9	3.6	3.3	3.0	2.6	2.2	32.8
48	105.9	100.9	557.5	3.6	3.4	3.0	2.6	2.2	33.5
49	108.1	103.1	545.5	3.7	3.4	3.1	2.7	2.3	34.2
50	110.4	105.4	534.1	3.8	3.5	3.2	2.7	2.3	34.9
51	112.6	107.6	523.1	3.9	3.6	3.2	2.8	2.4	35.6
52	114.8	109.8	512.6	4.0	3.7	3.3	2.8	2.4	36.3
53	117.0	112.0	502.5	4.0	3.7	3.4	2.9	2.5	37.0
54	119.2	114.2	492.8	4.1	3.8	3.4	3.0	2.5	37.7
55	121.4	116.4	483.5	4.2	3.9	3.5	3.0	2.6	38.4
56	123.6	118.6	474.5	4.3	4.0	3.6	3.1	2.6	39.1
57	125.8	120.8	465.8	4.4	4.0	3.6	3.1	2.7	39.8
58	128.0	123.0	457.4	4.4	4.1	3.7	3.2	2.7	40.5
59	130.2	125.2	449.4	4.5	4.2	3.8	3.2	2.8	41.2
60	132.4	127.4	441.6	4.6	4.3	3.8	3.3	2.8	41.9
61	134.6	129.6	434.1	4.7	4.3	3.9	3.4	2.9	42.5
62	136.8	131.8	426.8	4.7	4.4	4.0	3.4	2.9	43.2
63	139.0	134.0	419.8	4.8	4.5	4.0	3.5	3.0	43.9
64	141.2	136.2	413.0	4.9	4.5	4.1	3.5	3.0	44.6
65	143.5	138.5	406.4	5.0	4.6	4.2	3.6	3.1	45.3
66	145.7	140.7	400.0	5.1	4.7	4.2	3.6	3.1	46.0
67	147.9	142.9	393.8	5.1	4.8	4.3	3.7	3.2	46.7
68	150.1	145.1	387.9	5.2	4.8	4.4	3.8	3.2	47.4
69	152.3	147.3	382.0	5.3	4.9	4.4	3.8	3.3	48.1
70	154.5	149.5	376.4	5.4	5.0	4.5	3.9	3.3	48.8
71	156.7	151.7	370.9	5.5	5.1	4.6	3.9	3.4	49.5
72	158.9	153.9	365.6	5.5	5.1	4.6	4.0	3.4	50.2
73	161.1	156.1	360.4	5.6	5.2	4.7	4.0	3.5	50.9
74	163.3	158.3	355.4	5.7	5.3	4.8	4.1	3.5	51.6
75	165.5	160.5	350.5	5.8	5.4	4.8	4.2	3.6	52.3
76	167.7	162.7	345.8	5.9	5.4	4.9	4.2	3.6	53.0
77	169.9	164.9	341.1	5.9	5.5	5.0	4.3	3.7	53.7
78	172.1	167.1	336.6	6.0	5.6	5.0	4.3	3.7	54.4
79	174.4	169.4	332.3	6.1	5.7	5.1	4.4	3.8	55.1
80	176.6	171.6	328.0	6.2	5.7	5.2	4.4	3.8	55.8
81	178.8	173.8	323.8	6.3	5.8	5.2	4.5	3.9	56.5
82	181.0	176.0	319.8	6.3	5.9	5.3	4.6	3.9	57.2
83	183.2	178.2	315.8	6.4	6.0	5.4	4.6	4.0	57.9
84	185.4	180.4	311.9	6.5	6.0	5.4	4.7	4.0	58.6
85	187.6	182.6	308.2	6.6	6.1	5.5	4.7	4.1	59.3

Material: Oil tempered wire

mai



# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.462 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			60 328	2141	1986	1791	1538	1324	0.7132
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	82.3	77.3	780.0	2.7	2.5	2.3	2.0	1.7	27.1
39	84.5	79.5	758.8	2.8	2.6	2.4	2.0	1.7	27.8
40	86.7	81.7	738.6	2.9	2.7	2.4	2.1	1.8	28.5
41	88.8	83.8	719.6	3.0	2.8	2.5	2.1	1.8	29.2
42	91.0	86.0	701.4	3.1	2.8	2.6	2.2	1.9	30.0
43	93.2	88.2	684.2	3.1	2.9	2.6	2.2	1.9	30.7
44	95.3	90.3	667.8	3.2	3.0	2.7	2.3	2.0	31.4
45	97.5	92.5	652.1	3.3	3.0	2.7	2.4	2.0	32.1
46	99.7	94.7	637.2	3.4	3.1	2.8	2.4	2.1	32.8
47	101.8	96.8	623.0	3.4	3.2	2.9	2.5	2.1	33.5
48	104.0	99.0	609.3	3.5	3.3	2.9	2.5	2.2	34.2
49	106.2	101.2	596.3	3.6	3.3	3.0	2.6	2.2	34.9
50	108.3	103.3	583.8	3.7	3.4	3.1	2.6	2.3	35.7
51	110.5	105.5	571.8	3.7	3.5	3.1	2.7	2.3	36.4
52	112.7	107.7	560.3	3.8	3.5	3.2	2.7	2.4	37.1
53	114.8	109.8	549.2	3.9	3.6	3.3	2.8	2.4	37.8
54	117.0	112.0	538.6	4.0	3.7	3.3	2.9	2.5	38.5
55	119.2	114.2	528.4	4.1	3.8	3.4	2.9	2.5	39.2
56	121.3	116.3	518.5	4.1	3.8	3.5	3.0	2.6	39.9
57	123.5	118.5	509.1	4.2	3.9	3.5	3.0	2.6	40.7
58	125.7	120.7	499.9	4.3	4.0	3.6	3.1	2.6	41.4
59	127.8	122.8	491.1	4.4	4.0	3.6	3.1	2.7	42.1
60	130.0	125.0	482.6	4.4	4.1	3.7	3.2	2.7	42.8
61	132.2	127.2	474.4	4.5	4.2	3.8	3.2	2.8	43.5
62	134.3	129.3	466.4	4.6	4.3	3.8	3.3	2.8	44.2
63	136.5	131.5	458.7	4.7	4.3	3.9	3.4	2.9	44.9
64	138.7	133.7	451.3	4.7	4.4	4.0	3.4	2.9	45.6
65	140.8	135.8	444.1	4.8	4.5	4.0	3.5	3.0	46.4
66	143.0	138.0	437.1	4.9	4.5	4.1	3.5	3.0	47.1
67	145.2	140.2	430.4	5.0	4.6	4.2	3.6	3.1	47.8
68	147.3	142.3	423.8	5.1	4.7	4.2	3.6	3.1	48.5
69	149.5	144.5	417.5	5.1	4.8	4.3	3.7	3.2	49.2
70	151.7	146.7	411.3	5.2	4.8	4.4	3.7	3.2	49.9
71	153.8	148.8	405.3	5.3	4.9	4.4	3.8	3.3	50.6
72	156.0	151.0	399.5	5.4	5.0	4.5	3.8	3.3	51.3
73	158.2	153.2	393.8	5.4	5.0	4.5	3.9	3.4	52.1
74	160.3	155.3	388.3	5.5	5.1	4.6	4.0	3.4	52.8
75	162.5	157.5	383.0	5.6	5.2	4.7	4.0	3.5	53.5
76	164.7	159.7	377.8	5.7	5.3	4.7	4.1	3.5	54.2
77	166.8	161.8	372.7	5.7	5.3	4.8	4.1	3.6	54.9
78	169.0	164.0	367.8	5.8	5.4	4.9	4.2	3.6	55.6
79	171.2	166.2	363.0	5.9	5.5	4.9	4.2	3.6	56.3
80	173.3	168.3	358.4	6.0	5.5	5.0	4.3	3.7	57.1
81	175.5	170.5	353.8	6.1	5.6	5.1	4.3	3.7	57.8
82	177.7	172.7	349.4	6.1	5.7	5.1	4.4	3.8	58.5
83	179.8	174.8	345.0	6.2	5.8	5.2	4.5	3.8	59.2
84	182.0	177.0	340.8	6.3	5.8	5.3	4.5	3.9	59.9
85	184.2	179.2	336.7	6.4	5.9	5.3	4.6	3.9	60.6

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.469 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)					Weight per inch (lbs/in)
			63 973	2243	2080	1876	1611	1387	0.7267
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	81.1	76.1	840.9	2.7	2.5	2.2	1.9	1.6	27.6
39	83.2	78.2	818.0	2.7	2.5	2.3	2.0	1.7	28.3
40	85.3	80.3	796.3	2.8	2.6	2.4	2.0	1.7	29.1
41	87.5	82.5	775.7	2.9	2.7	2.4	2.1	1.8	29.8
42	89.6	84.6	756.1	3.0	2.8	2.5	2.1	1.8	30.5
43	91.7	86.7	737.5	3.0	2.8	2.5	2.2	1.9	31.2
44	93.9	88.9	719.8	3.1	2.9	2.6	2.2	1.9	32.0
45	96.0	91.0	702.9	3.2	3.0	2.7	2.3	2.0	32.7
46	98.1	93.1	686.8	3.3	3.0	2.7	2.3	2.0	33.4
47	100.3	95.3	671.4	3.3	3.1	2.8	2.4	2.1	34.2
48	102.4	97.4	656.7	3.4	3.2	2.9	2.5	2.1	34.9
49	104.5	99.5	642.7	3.5	3.2	2.9	2.5	2.2	35.6
50	106.7	101.7	629.2	3.6	3.3	3.0	2.6	2.2	36.3
51	108.8	103.8	616.2	3.6	3.4	3.0	2.6	2.3	37.1
52	110.9	105.9	603.8	3.7	3.4	3.1	2.7	2.3	37.8
53	113.1	108.1	591.9	3.8	3.5	3.2	2.7	2.3	38.5
54	115.2	110.2	580.5	3.9	3.6	3.2	2.8	2.4	39.2
55	117.3	112.3	569.4	3.9	3.7	3.3	2.8	2.4	40.0
56	119.5	114.5	558.8	4.0	3.7	3.4	2.9	2.5	40.7
57	121.6	116.6	548.6	4.1	3.8	3.4	2.9	2.5	41.4
58	123.7	118.7	538.7	4.2	3.9	3.5	3.0	2.6	42.1
59	125.9	120.9	529.2	4.2	3.9	3.5	3.0	2.6	42.9
60	128.0	123.0	520.1	4.3	4.0	3.6	3.1	2.7	43.6
61	130.1	125.1	511.2	4.4	4.1	3.7	3.2	2.7	44.3
62	132.3	127.3	502.6	4.5	4.1	3.7	3.2	2.8	45.1
63	134.4	129.4	494.3	4.5	4.2	3.8	3.3	2.8	45.8
64	136.5	131.5	486.3	4.6	4.3	3.9	3.3	2.9	46.5
65	138.7	133.7	478.6	4.7	4.3	3.9	3.4	2.9	47.2
66	140.8	135.8	471.0	4.8	4.4	4.0	3.4	2.9	48.0
67	142.9	137.9	463.8	4.8	4.5	4.0	3.5	3.0	48.7
68	145.1	140.1	456.7	4.9	4.6	4.1	3.5	3.0	49.4
69	147.2	142.2	449.8	5.0	4.6	4.2	3.6	3.1	50.1
70	149.3	144.3	443.2	5.1	4.7	4.2	3.6	3.1	50.9
71	151.5	146.5	436.7	5.1	4.8	4.3	3.7	3.2	51.6
72	153.6	148.6	430.5	5.2	4.8	4.4	3.7	3.2	52.3
73	155.7	150.7	424.4	5.3	4.9	4.4	3.8	3.3	53.0
74	157.9	152.9	418.4	5.4	5.0	4.5	3.8	3.3	53.8
75	160.0	155.0	412.7	5.4	5.0	4.5	3.9	3.4	54.5
76	162.2	157.2	407.1	5.5	5.1	4.6	4.0	3.4	55.2
77	164.3	159.3	401.6	5.6	5.2	4.7	4.0	3.5	56.0
78	166.4	161.4	396.3	5.7	5.2	4.7	4.1	3.5	56.7
79	168.6	163.6	391.2	5.7	5.3	4.8	4.1	3.5	57.4
80	170.7	165.7	386.1	5.8	5.4	4.9	4.2	3.6	58.1
81	172.8	167.8	381.2	5.9	5.5	4.9	4.2	3.6	58.9
82	175.0	170.0	376.4	6.0	5.5	5.0	4.3	3.7	59.6
83	177.1	172.1	371.8	6.0	5.6	5.0	4.3	3.7	60.3
84	179.2	174.2	367.2	6.1	5.7	5.1	4.4	3.8	61.0
85	181.4	176.4	362.8	6.2	5.7	5.2	4.4	3.8	61.8

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.484 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)					Weight per inch (lbs/in)
			72 473	2476	2296	2071	1778	1531	0.7563
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	78.4	73.4	986.7	2.5	2.3	2.1	1.8	1.6	28.7
39	80.5	75.5	959.8	2.6	2.4	2.2	1.9	1.6	29.5
40	82.6	77.6	934.2	2.7	2.5	2.2	1.9	1.6	30.3
41	84.6	79.6	910.0	2.7	2.5	2.3	2.0	1.7	31.0
42	86.7	81.7	887.0	2.8	2.6	2.3	2.0	1.7	31.8
43	88.8	83.8	865.1	2.9	2.7	2.4	2.1	1.8	32.5
44	90.8	85.8	844.3	2.9	2.7	2.5	2.1	1.8	33.3
45	92.9	87.9	824.5	3.0	2.8	2.5	2.2	1.9	34.0
46	95.0	90.0	805.6	3.1	2.9	2.6	2.2	1.9	34.8
47	97.0	92.0	787.5	3.1	2.9	2.6	2.3	1.9	35.5
48	99.1	94.1	770.2	3.2	3.0	2.7	2.3	2.0	36.3
49	101.2	96.2	753.7	3.3	3.0	2.7	2.4	2.0	37.1
50	103.2	98.2	737.9	3.4	3.1	2.8	2.4	2.1	37.8
51	105.3	100.3	722.7	3.4	3.2	2.9	2.5	2.1	38.6
52	107.3	102.3	708.1	3.5	3.2	2.9	2.5	2.2	39.3
53	109.4	104.4	694.1	3.6	3.3	3.0	2.6	2.2	40.1
54	111.5	106.5	680.6	3.6	3.4	3.0	2.6	2.2	40.8
55	113.5	108.5	667.7	3.7	3.4	3.1	2.7	2.3	41.6
56	115.6	110.6	655.2	3.8	3.5	3.2	2.7	2.3	42.4
57	117.7	112.7	643.2	3.8	3.6	3.2	2.8	2.4	43.1
58	119.7	114.7	631.7	3.9	3.6	3.3	2.8	2.4	43.9
59	121.8	116.8	620.5	4.0	3.7	3.3	2.9	2.5	44.6
60	123.9	118.9	609.7	4.1	3.8	3.4	2.9	2.5	45.4
61	125.9	120.9	599.3	4.1	3.8	3.5	3.0	2.6	46.1
62	128.0	123.0	589.2	4.2	3.9	3.5	3.0	2.6	46.9
63	130.1	125.1	579.5	4.3	4.0	3.6	3.1	2.6	47.6
64	132.1	127.1	570.1	4.3	4.0	3.6	3.1	2.7	48.4
65	134.2	129.2	561.0	4.4	4.1	3.7	3.2	2.7	49.2
66	136.3	131.3	552.2	4.5	4.2	3.8	3.2	2.8	49.9
67	138.3	133.3	543.6	4.6	4.2	3.8	3.3	2.8	50.7
68	140.4	135.4	535.3	4.6	4.3	3.9	3.3	2.9	51.4
69	142.4	137.4	527.3	4.7	4.4	3.9	3.4	2.9	52.2
70	144.5	139.5	519.5	4.8	4.4	4.0	3.4	2.9	52.9
71	146.6	141.6	511.9	4.8	4.5	4.0	3.5	3.0	53.7
72	148.6	143.6	504.6	4.9	4.6	4.1	3.5	3.0	54.5
73	150.7	145.7	497.4	5.0	4.6	4.2	3.6	3.1	55.2
74	152.8	147.8	490.5	5.0	4.7	4.2	3.6	3.1	56.0
75	154.8	149.8	483.7	5.1	4.7	4.3	3.7	3.2	56.7
76	156.9	151.9	477.1	5.2	4.8	4.3	3.7	3.2	57.5
77	159.0	154.0	470.7	5.3	4.9	4.4	3.8	3.3	58.2
78	161.0	156.0	464.5	5.3	4.9	4.5	3.8	3.3	59.0
79	163.1	158.1	458.4	5.4	5.0	4.5	3.9	3.3	59.7
80	165.2	160.2	452.5	5.5	5.1	4.6	3.9	3.4	60.5
81	167.2	162.2	446.8	5.5	5.1	4.6	4.0	3.4	61.3
82	169.3	164.3	441.2	5.6	5.2	4.7	4.0	3.5	62.0
83	171.3	166.3	435.7	5.7	5.3	4.8	4.1	3.5	62.8
84	173.4	168.4	430.3	5.8	5.3	4.8	4.1	3.6	63.5
85	175.5	170.5	425.1	5.8	5.4	4.9	4.2	3.6	64.3

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.490 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)					Weight per inch (lbs/in)
			75 693	2563	2377	2144	1841	1584	0.7670
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	77.6	72.6	1043.3	2.5	2.3	2.1	1.8	1.5	29.1
39	79.6	74.6	1014.8	2.5	2.3	2.1	1.8	1.6	29.9
40	81.6	76.6	987.7	2.6	2.4	2.2	1.9	1.6	30.7
41	83.7	78.7	962.1	2.7	2.5	2.2	1.9	1.6	31.4
42	85.7	80.7	937.8	2.7	2.5	2.3	2.0	1.7	32.2
43	87.8	82.8	914.7	2.8	2.6	2.3	2.0	1.7	33.0
44	89.8	84.8	892.7	2.9	2.7	2.4	2.1	1.8	33.7
45	91.8	86.8	871.7	2.9	2.7	2.5	2.1	1.8	34.5
46	93.9	88.9	851.7	3.0	2.8	2.5	2.2	1.9	35.3
47	95.9	90.9	832.5	3.1	2.9	2.6	2.2	1.9	36.0
48	98.0	93.0	814.3	3.1	2.9	2.6	2.3	1.9	36.8
49	100.0	95.0	796.8	3.2	3.0	2.7	2.3	2.0	37.6
50	102.0	97.0	780.0	3.3	3.0	2.7	2.4	2.0	38.3
51	104.1	99.1	763.9	3.4	3.1	2.8	2.4	2.1	39.1
52	106.1	101.1	748.5	3.4	3.2	2.9	2.5	2.1	39.9
53	108.2	103.2	733.7	3.5	3.2	2.9	2.5	2.2	40.6
54	110.2	105.2	719.5	3.6	3.3	3.0	2.6	2.2	41.4
55	112.2	107.2	705.8	3.6	3.4	3.0	2.6	2.2	42.2
56	114.3	109.3	692.6	3.7	3.4	3.1	2.7	2.3	43.0
57	116.3	111.3	679.9	3.8	3.5	3.2	2.7	2.3	43.7
58	118.4	113.4	667.7	3.8	3.6	3.2	2.8	2.4	44.5
59	120.4	115.4	655.9	3.9	3.6	3.3	2.8	2.4	45.3
60	122.4	117.4	644.5	4.0	3.7	3.3	2.9	2.5	46.0
61	124.5	119.5	633.5	4.0	3.8	3.4	2.9	2.5	46.8
62	126.5	121.5	622.8	4.1	3.8	3.4	3.0	2.5	47.6
63	128.6	123.6	612.5	4.2	3.9	3.5	3.0	2.6	48.3
64	130.6	125.6	602.6	4.3	3.9	3.6	3.1	2.6	49.1
65	132.7	127.7	593.0	4.3	4.0	3.6	3.1	2.7	49.9
66	134.7	129.7	583.6	4.4	4.1	3.7	3.2	2.7	50.6
67	136.7	131.7	574.6	4.5	4.1	3.7	3.2	2.8	51.4
68	138.8	133.8	565.8	4.5	4.2	3.8	3.3	2.8	52.2
69	140.8	135.8	557.3	4.6	4.3	3.8	3.3	2.8	52.9
70	142.9	137.9	549.1	4.7	4.3	3.9	3.4	2.9	53.7
71	144.9	139.9	541.1	4.7	4.4	4.0	3.4	2.9	54.5
72	146.9	141.9	533.3	4.8	4.5	4.0	3.5	3.0	55.2
73	149.0	144.0	525.7	4.9	4.5	4.1	3.5	3.0	56.0
74	151.0	146.0	518.4	4.9	4.6	4.1	3.6	3.1	56.8
75	153.1	148.1	511.2	5.0	4.6	4.2	3.6	3.1	57.5
76	155.1	150.1	504.3	5.1	4.7	4.3	3.7	3.1	58.3
77	157.1	152.1	497.5	5.2	4.8	4.3	3.7	3.2	59.1
78	159.2	154.2	490.9	5.2	4.8	4.4	3.7	3.2	59.8
79	161.2	156.2	484.5	5.3	4.9	4.4	3.8	3.3	60.6
80	163.3	158.3	478.3	5.4	5.0	4.5	3.8	3.3	61.4
81	165.3	160.3	472.2	5.4	5.0	4.5	3.9	3.4	62.1
82	167.3	162.3	466.2	5.5	5.1	4.6	3.9	3.4	62.9
83	169.4	164.4	460.5	5.6	5.2	4.7	4.0	3.4	63.7
84	171.4	166.4	454.8	5.6	5.2	4.7	4.0	3.5	64.4
85	173.5	168.5	449.3	5.7	5.3	4.8	4.1	3.5	65.2

Material: Oil tempered wire

mai

# CANIMEX SPRING CHARTS

1.75 Coil diameter (in)  
 0.500 Wire diameter (in)  
 5 Dead coils (per spring)

			Life (Thousand cycles)						
			10	15	25	50	100		
			Rate (in*lbs*c oil/turn)	MIP (in*lbs)				Weight per inch (lbs/in)	
			81 699	2723	2525	2277	1956	1683	0.7861
Length	Total coils	Active coils	IPPT	Turns on spring					Weight of spring
(in.)			(in*lbs/tur	(Turns)					(lbs)
38	76.0	71.0	1150.7	2.4	2.2	2.0	1.7	1.5	29.9
39	78.0	73.0	1119.2	2.4	2.3	2.0	1.7	1.5	30.7
40	80.0	75.0	1089.3	2.5	2.3	2.1	1.8	1.5	31.4
41	82.0	77.0	1061.0	2.6	2.4	2.1	1.8	1.6	32.2
42	84.0	79.0	1034.2	2.6	2.4	2.2	1.9	1.6	33.0
43	86.0	81.0	1008.6	2.7	2.5	2.3	1.9	1.7	33.8
44	88.0	83.0	984.3	2.8	2.6	2.3	2.0	1.7	34.6
45	90.0	85.0	961.2	2.8	2.6	2.4	2.0	1.8	35.4
46	92.0	87.0	939.1	2.9	2.7	2.4	2.1	1.8	36.2
47	94.0	89.0	918.0	3.0	2.8	2.5	2.1	1.8	36.9
48	96.0	91.0	897.8	3.0	2.8	2.5	2.2	1.9	37.7
49	98.0	93.0	878.5	3.1	2.9	2.6	2.2	1.9	38.5
50	100.0	95.0	860.0	3.2	2.9	2.6	2.3	2.0	39.3
51	102.0	97.0	842.3	3.2	3.0	2.7	2.3	2.0	40.1
52	104.0	99.0	825.2	3.3	3.1	2.8	2.4	2.0	40.9
53	106.0	101.0	808.9	3.4	3.1	2.8	2.4	2.1	41.7
54	108.0	103.0	793.2	3.4	3.2	2.9	2.5	2.1	42.5
55	110.0	105.0	778.1	3.5	3.2	2.9	2.5	2.2	43.2
56	112.0	107.0	763.5	3.6	3.3	3.0	2.6	2.2	44.0
57	114.0	109.0	749.5	3.6	3.4	3.0	2.6	2.2	44.8
58	116.0	111.0	736.0	3.7	3.4	3.1	2.7	2.3	45.6
59	118.0	113.0	723.0	3.8	3.5	3.2	2.7	2.3	46.4
60	120.0	115.0	710.4	3.8	3.6	3.2	2.8	2.4	47.2
61	122.0	117.0	698.3	3.9	3.6	3.3	2.8	2.4	48.0
62	124.0	119.0	686.5	4.0	3.7	3.3	2.8	2.5	48.7
63	126.0	121.0	675.2	4.0	3.7	3.4	2.9	2.5	49.5
64	128.0	123.0	664.2	4.1	3.8	3.4	2.9	2.5	50.3
65	130.0	125.0	653.6	4.2	3.9	3.5	3.0	2.6	51.1
66	132.0	127.0	643.3	4.2	3.9	3.5	3.0	2.6	51.9
67	134.0	129.0	633.3	4.3	4.0	3.6	3.1	2.7	52.7
68	136.0	131.0	623.7	4.4	4.0	3.7	3.1	2.7	53.5
69	138.0	133.0	614.3	4.4	4.1	3.7	3.2	2.7	54.2
70	140.0	135.0	605.2	4.5	4.2	3.8	3.2	2.8	55.0
71	142.0	137.0	596.3	4.6	4.2	3.8	3.3	2.8	55.8
72	144.0	139.0	587.8	4.6	4.3	3.9	3.3	2.9	56.6
73	146.0	141.0	579.4	4.7	4.4	3.9	3.4	2.9	57.4
74	148.0	143.0	571.3	4.8	4.4	4.0	3.4	2.9	58.2
75	150.0	145.0	563.4	4.8	4.5	4.0	3.5	3.0	59.0
76	152.0	147.0	555.8	4.9	4.5	4.1	3.5	3.0	59.7
77	154.0	149.0	548.3	5.0	4.6	4.2	3.6	3.1	60.5
78	156.0	151.0	541.1	5.0	4.7	4.2	3.6	3.1	61.3
79	158.0	153.0	534.0	5.1	4.7	4.3	3.7	3.2	62.1
80	160.0	155.0	527.1	5.2	4.8	4.3	3.7	3.2	62.9
81	162.0	157.0	520.4	5.2	4.9	4.4	3.8	3.2	63.7
82	164.0	159.0	513.8	5.3	4.9	4.4	3.8	3.3	64.5
83	166.0	161.0	507.4	5.4	5.0	4.5	3.9	3.3	65.2
84	168.0	163.0	501.2	5.4	5.0	4.5	3.9	3.4	66.0
85	170.0	165.0	495.1	5.5	5.1	4.6	3.9	3.4	66.8

Material: Oil tempered wire

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