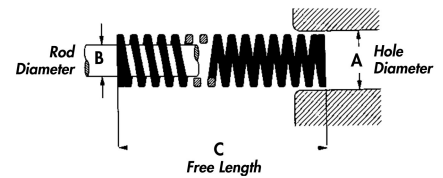




LIGHT LOAD

Vacuum degassed,
valve spring quality alloy steel



Sizes: 10 to 16 mm

Colour: Green

Hole Dia. mm	Rod Dia. mm	Free Length mm	CATALOGUE NUMBER	RATE Deka- Newtons (daN) Required to Deflect 1 mm	LOAD - DEFLECTION TABLE							
					Total Deflection Recommended for Long Life (25% of C)		Total Deflection Recommended for Average Life (30% of C)		Maximum Operating Deflection (40% of C)		Total Travel to Solid	
					Load daN	Deflection mm	Load daN	Deflection mm	Load daN	Deflection mm	Load daN	Deflection mm
A	B	C										
Round Wire Construction												
10	5	25	9 - 0604 - 110	0.46	2.9	6.3	3.5	7.5	4.6	10	6.0	13
		32	9 - 0605 - 110	0.35	2.8	8.0	3.4	9.6	4.5	13	5.6	16
		38	9 - 0606 - 110	0.28	2.7	9.5	3.2	11	4.3	15	5.7	20
		44	9 - 0607 - 110	0.24	2.6	11	3.1	13	4.2	18	5.5	23
		51	9 - 0608 - 110	0.21	2.7	13	3.2	15	4.3	20	5.7	27
		64	9 - 0610 - 110	0.17	2.7	16	3.3	19	4.4	26	5.8	34
		76	9 - 0612 - 110	0.13	2.5	19	3.0	23	4.0	30	5.3	40
	305	9 - 0648 - 110	0.03	2.4	76	2.9	92	3.8	122	5.1	163	
12.5	6.3	25	9 - 0804 - 110	0.90	5.6	6.3	6.8	7.5	9.0	10	11.7	13
		32	9 - 0805 - 110	0.67	5.4	8.0	6.5	9.6	8.6	13	11.4	17
		38	9 - 0806 - 110	0.54	5.1	9.5	6.2	11	8.2	15	10.8	20
		44	9 - 0807 - 110	0.46	5.0	11	6.0	13	8.0	18	10.5	23
		51	9 - 0808 - 110	0.39	4.9	13	5.9	15	7.9	20	10.5	27
		64	9 - 0810 - 110	0.30	4.8	16	5.7	19	7.7	26	10.5	35
		76	9 - 0812 - 110	0.25	4.8	19	5.8	23	7.7	30	10.4	41
	89	9 - 0814 - 110	0.21	4.7	22	5.6	27	7.5	36	10.3	49	
	305	9 - 0848 - 110	0.06	4.5	76	5.4	92	7.3	122	9.9	166	
16	8	25	9 - 1004 - 110	1.78	11.1	6.3	13.4	7.5	17.8	10	23.1	13
		32	9 - 1005 - 110	1.34	10.7	8.0	12.9	9.6	17.2	13	21.4	16
		38	9 - 1006 - 110	1.06	10.0	9.5	12.0	11	16.1	15	21.1	20
		44	9 - 1007 - 110	0.87	9.6	11	11.5	13	15.3	18	20.0	23
		51	9 - 1008 - 110	0.76	9.7	13	11.6	15	15.5	20	20.5	27
		64	9 - 1010 - 110	0.59	9.5	16	11.4	19	15.2	26	20.1	34
		76	9 - 1012 - 110	0.48	9.1	19	10.9	23	14.5	30	19.6	41
	89	9 - 1014 - 110	0.41	9.1	22	10.9	27	14.6	36	20.1	49	
	102	9 - 1016 - 110	0.35	9.0	26	10.8	31	14.4	41	19.7	56	
	305	9 - 1048 - 110	0.11	8.5	76	10.3	92	13.7	122	19.1	170	
Rectangular Wire Construction												
10	5	25	9 - 0604 - 115	1.00	6.3	6.3	7.5	7.5	10.0	10	15.0	15
		32	9 - 0605 - 115	0.85	6.8	8.0	8.2	9.6	10.9	13	16.2	19
		38	9 - 0606 - 115	0.68	6.5	9.5	7.8	11	10.3	15	15.6	23
		44	9 - 0607 - 115	0.60	6.6	11	7.9	13	10.6	18	16.2	27
		51	9 - 0608 - 115	0.50	6.4	13	7.7	15	10.2	20	15.5	31
		64	9 - 0610 - 115	0.43	6.9	16	8.3	19	11.0	26	17.6	41
		76	9 - 0612 - 115	0.32	6.1	19	7.3	23	9.7	30	15.4	48
	305	9 - 0648 - 115	0.11	8.4	76	10.1	92	13.4	122	20.6	187	
12.5	6.3	25	9 - 0804 - 115	1.79	11.2	6.3	13.4	7.5	17.9	10	23.3	13
		32	9 - 0805 - 115	1.64	13.1	8.0	15.7	9.6	21.0	13	27.9	17
		38	9 - 0806 - 115	1.36	12.9	9.5	15.5	11	20.7	15	29.9	22
		44	9 - 0807 - 115	1.21	13.3	11	16.0	13	21.3	18	30.3	25
		51	9 - 0808 - 115	1.14	14.5	13	17.4	15	23.3	20	33.1	29
		64	9 - 0810 - 115	0.93	14.9	16	17.9	19	23.8	26	34.4	37
		76	9 - 0812 - 115	0.71	13.5	19	16.2	23	21.6	30	33.4	47
	89	9 - 0814 - 115	0.54	12.0	22	14.4	27	19.2	36	29.2	54	
	115	9 - 0818 - 115	0.44	12.5	29	15.0	34	20.1	46	31.7	72	
	140	9 - 0822 - 115	0.37	13.0	35	15.5	42	20.7	56	33.7	91	
	165	9 - 0826 - 115	0.26	10.7	41	12.9	50	17.2	66	25.7	99	
	190	9 - 0830 - 115	0.20	9.5	48	11.4	57	15.2	76	22.2	111	
	305	9 - 0848 - 115	0.14	10.7	76	12.8	92	17.1	122	25.8	184	
16	8	25	9 - 1004 - 115	2.34	14.6	6.3	17.6	7.5	23.4	10	25.7	11
		32	9 - 1005 - 115	2.29	18.3	8.0	22.0	9.6	29.3	13	38.9	17
		38	9 - 1006 - 115	1.93	18.3	9.5	22.0	11	29.3	15	38.6	20
		44	9 - 1007 - 115	1.71	18.8	11	22.6	13	30.1	18	41.0	24
		51	9 - 1008 - 115	1.57	20.0	13	24.0	15	32.0	20	45.5	29
		64	9 - 1010 - 115	1.07	17.1	16	20.5	19	27.4	26	39.6	37
		76	9 - 1012 - 115	1.00	19.0	19	22.8	23	30.4	30	42.0	42
	89	9 - 1014 - 115	0.86	19.1	22	23.0	27	30.6	36	43.9	51	
	102	9 - 1016 - 115	0.78	19.9	26	23.9	31	31.8	41	48.4	62	
	305	9 - 1048 - 115	0.25	19.1	76	22.9	92	30.5	122	45.3	181	