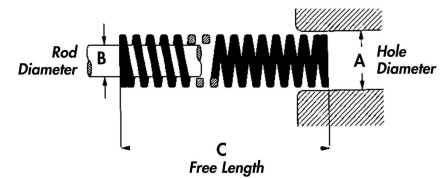




HEAVY LOAD

Vacuum degassed,
valve spring quality alloy steel



Sizes: 10 to 16 mm

Colour: Red

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 (20% of C)		Total Deflection Recommended for Average Life (25% of C)		Maximum Operating Deflection (30% of C)		Total Travel to Solid			
					Load daN	Deflection mm	Load daN	Deflection mm	Load daN	Deflection imm	Load daN	Deflection mm		
A	B	C	Round Wire Construction											
10	5	25	9 - 0604 - 260	2.14	10.7	5.0	13.4	6.3	16.0	7.5	19.2	9		
		32	9 - 0605 - 260	1.65	10.5	6.4	13.2	8.0	15.8	9.6	19.8	12		
		38	9 - 0606 - 260	1.33	10.1	7.6	12.6	9.5	15.2	11	18.6	14		
		44	9 - 0607 - 260	1.17	10.3	8.8	12.9	11	15.4	13	19.9	17		
		51	9 - 0608 - 260	0.98	10.0	10	12.5	13	15.0	15	18.6	19		
		64	9 - 0610 - 260	0.77	9.9	13	12.3	16	14.8	19	19.3	25		
		76	9 - 0612 - 260	0.63	9.6	15	12.0	19	14.4	23	18.3	29		
	305	9 - 0648 - 260	0.15	9.3	61	11.6	76	13.9	92	18.3	120			
12.5	6.3	25	9 - 0804 - 260	3.94	19.7	5.0	24.6	6.3	29.6	7.5	35.3	9		
		32	9 - 0805 - 260	3.01	19.3	6.4	24.1	8.0	28.9	9.6	33.1	11		
		38	9 - 0806 - 260	2.42	18.4	7.6	23.0	9.5	27.6	11	31.4	13		
		44	9 - 0807 - 260	2.01	17.7	8.8	22.2	11	26.6	13	32.2	16		
		51	9 - 0808 - 260	1.77	18.0	10	22.6	13	27.1	15	33.6	19		
		64	9 - 0810 - 260	1.38	17.7	13	22.1	16	26.6	19	33.2	24		
		76	9 - 0812 - 260	1.14	17.3	15	21.6	19	26.0	23	33.0	29		
	89	9 - 0814 - 260	0.96	17.1	18	21.4	22	25.7	27	31.8	33			
	305	9 - 0848 - 260	0.27	16.3	61	20.4	76	24.5	92	32.2	120			
16	8	25	9 - 1004 - 260	8.69	43.5	5.0	54.3	6.3	65.2	7.5	78.2	9		
		32	9 - 1005 - 260	6.37	40.8	6.4	51.0	8.0	61.2	9.6	70.1	11		
		38	9 - 1006 - 260	5.17	39.3	7.6	49.1	9.5	58.9	11	72.4	14		
		44	9 - 1007 - 260	4.20	37.0	8.8	46.2	11	55.5	13	67.3	16		
		51	9 - 1008 - 260	3.66	37.3	10	46.7	13	56.0	15	65.9	18		
		64	9 - 1010 - 260	2.83	36.2	13	45.3	16	54.3	19	65.1	23		
		76	9 - 1012 - 260	2.31	35.1	15	43.9	19	52.7	23	67.0	29		
	89	9 - 1014 - 260	1.97	35.1	18	43.8	22	52.6	27	67.0	34			
	102	9 - 1016 - 260	1.72	35.0	20	43.8	26	52.5	31	68.7	40			
	305	9 - 1048 - 260	0.54	33.1	61	41.4	76	49.7	92	66.2	122			
Rectangular Wire Construction														
10	5	25	9 - 0604 - 265	2.21	11.1	5.0	13.8	6.3	16.6	7.5	26.5	12		
		32	9 - 0605 - 265	1.75	11.2	6.4	14.0	8.0	16.8	9.6	22.8	13		
		38	9 - 0606 - 265	1.71	13.0	7.6	16.2	9.5	19.5	11	25.7	15		
		44	9 - 0607 - 265	1.50	13.2	8.8	16.5	11	19.8	13	28.5	19		
		51	9 - 0608 - 265	1.28	13.1	10	16.3	13	19.6	15	29.4	23		
		64	9 - 0610 - 265	1.07	13.7	13	17.1	16	20.5	19	28.9	27		
		76	9 - 0612 - 265	0.75	11.4	15	14.3	19	17.1	23	24.0	32		
	305	9 - 0648 - 265	0.21	12.8	61	16.0	76	19.2	92	29.4	140			
12.5	6.3	25	9 - 0804 - 265	4.21	21.1	5.0	26.3	6.3	31.6	7.5	50.5	12		
		32	9 - 0805 - 265	3.32	21.2	6.4	26.6	8.0	31.9	9.6	53.1	16		
		38	9 - 0806 - 265	2.93	22.3	7.6	27.8	9.5	33.4	11	58.6	20		
		44	9 - 0807 - 265	2.46	21.6	8.8	27.1	11	32.5	13	54.1	22		
		51	9 - 0808 - 265	1.96	20.0	10	25.0	13	30.0	15	49.0	25		
		64	9 - 0810 - 265	1.50	19.2	13	24.0	16	28.8	19	45.0	30		
		76	9 - 0812 - 265	1.32	20.1	15	25.1	19	30.1	23	48.8	37		
	89	9 - 0814 - 265	1.14	20.3	18	25.4	22	30.4	27	47.9	42			
	305	9 - 0848 - 265	0.28	17.1	61	21.4	76	25.6	92	36.4	130			
16	8	25	9 - 1004 - 265	7.57	37.9	5.0	47.3	6.3	56.8	7.5	76	10		
		32	9 - 1005 - 265	5.28	33.8	6.4	42.2	8.0	50.7	9.6	69	13		
		38	9 - 1006 - 265	4.85	36.9	7.6	46.1	9.5	55.3	11	82	17		
		44	9 - 1007 - 265	4.28	37.7	8.8	47.1	11	56.5	13	90	21		
		51	9 - 1008 - 265	3.71	37.8	10	47.3	13	56.8	15	85	23		
		64	9 - 1010 - 265	3.03	38.8	13	48.5	16	58.2	19	88	29		
		76	9 - 1012 - 265	2.57	39.1	15	48.8	19	58.6	23	87	34		
	89	9 - 1014 - 265	2.17	38.6	18	48.3	22	57.9	27	85	39			
	102	9 - 1016 - 265	1.93	39.4	20	49.2	26	59.1	31	87	45			
	305	9 - 1048 - 265	0.71	43.3	61	54.1	76	65.0	92	82	116			