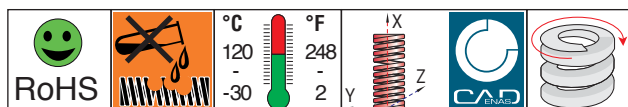
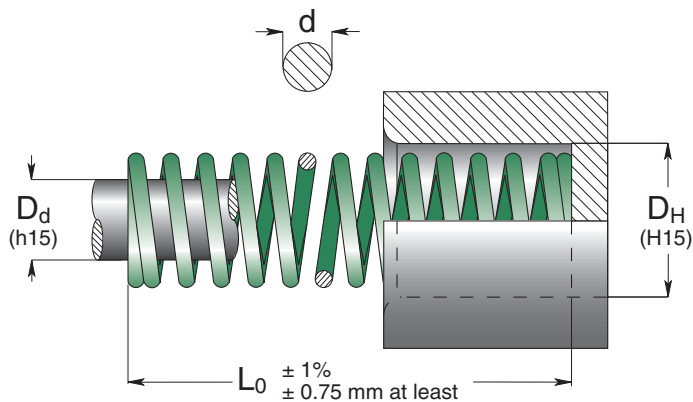


TV SERIES

EN Light load springs



Code	D _H		L ₀	R	A		B		C		D		E	Pcs
	Hble Diameter	Rod Diameter			Free Length	Spring Constant	25% L ₀	30% L ₀	35% L ₀	40% L ₀	do not use approx.			
	d			± 10%	+ 3.000.000	~ 1.500.000	300 - 500.000	100 - 200.000			do not use			
	mm	mm	mm	N/mm	mm	N	mm	N	mm	N	mm	N	mm	
TV 10 - 025	10	5	25	4.4	6.3	28	7.5	33	8.8	39	10.0	44	13.2	50
TV 10 - 032			32	3.4	8.0	27	9.6	33	11.2	38	12.8	44	16.5	50
TV 10 - 038			38	2.8	9.5	26	11.4	32	13.3	37	15.2	42	19.8	50
TV 10 - 044			44	2.4	11.0	26	13.2	31	15.4	37	17.6	42	23.1	50
TV 10 - 051			51	2.1	12.8	27	15.3	32	17.9	37	20.4	43	26.9	25
TV 10 - 064			64	1.6	16.0	26	19.2	31	22.4	36	25.6	42	33.3	25
TV 10 - 076			76	1.3	19.0	25	22.8	30	26.6	35	30.4	40	39.6	25
TV 10 - 305			1.1	305	0.3	76.3	24	91.5	29	107	32	122	38	157
TV 13 - 025	12.5	6.3	25	8.5	6.3	53	7.5	64	8.8	74	10.0	85	13.5	50
TV 13 - 032			32	6.5	8.0	52	9.6	62	11.2	73	12.8	83	16.8	50
TV 13 - 038			38	5.3	9.5	51	11.4	61	13.3	70	15.2	81	20.3	50
TV 13 - 044			44	4.4	11.0	49	13.2	59	15.4	68	17.6	78	23.9	25
TV 13 - 051			51	3.8	12.8	48	15.3	58	17.9	68	20.4	78	26.9	25
TV 13 - 064			64	2.9	16.0	47	19.2	56	22.4	65	25.6	75	33.3	25
TV 13 - 076			76	2.5	19.0	48	22.8	57	26.6	67	30.4	76	41.1	25
TV 13 - 089			89	2.1	22.3	48	26.7	57	31.2	65	35.6	76	48.3	20
TV 13 - 305	1.5	305	0.6	76.3	45	91.5	54	107	64	122	73	163	10	
TV 16 - 025	16	8	25	17.9	6.3	112	7.5	134	8.8	157	10.0	179	14.7	50
TV 16 - 032			32	13.5	8.0	108	9.6	129	11.2	151	12.8	173	18.5	50
TV 16 - 038			38	10.5	9.5	100	11.4	120	13.3	140	15.2	160	22.4	25
TV 16 - 044			44	8.8	11.0	96	13.2	116	15.4	136	17.6	154	25.9	25
TV 16 - 051			51	7.6	12.8	97	15.3	116	17.9	136	20.4	155	30.0	25
TV 16 - 064			64	5.9	16.0	95	19.2	114	22.4	132	25.6	152	37.8	25
TV 16 - 076			76	4.8	19.0	91	22.8	109	26.6	128	30.4	145	45.2	20
TV 16 - 089			89	4.0	22.3	90	26.7	108	31.2	125	35.6	144	52.8	20
TV 16 - 102	2	102	3.5	25.5	90	30.6	108	35.7	125	40.8	144	60.7	20	
TV 16 - 305		305	1.1	76.3	85	91.5	103	107	117	122	137	184	10	

1 N = 0.1 daN = 0.102 kgf

Load (N) = R (N/mm) x Deflection (mm)

TV 16 - 102 (Series D_H - L₀)