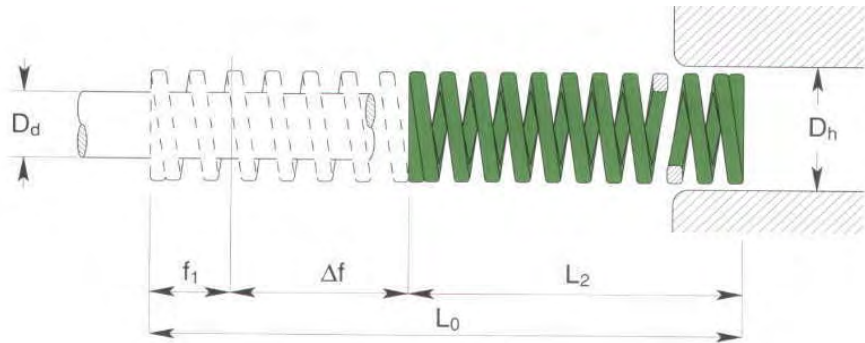


Light Load Springs

V-SERIES

RECTANGULAR WIRE

COLOUR CODE GREEN



D _H	D _d	L ₀	Catalogue No.	R	A		B		C		D	
					25% L ₀		30% L ₀		40% L ₀		f _b	
mm	mm	mm		N/mm	N	mm	N	mm	N	mm	N	mm
10	5	25	V10-025	10	63	6.3	75	7.5	100	10.0	135	13.5
		32	V10-032	8.5	68	8.0	82	9.6	109	12.8	149	17.5
		38	V10-038	6.8	65	9.5	78	11.4	103	15.2	141	20.8
		44	V10-044	6.0	66	11.0	79	13.2	106	17.6	143	23.9
		51	V10-051	5.0	64	12.8	77	15.3	102	20.4	145	28.9
		64	V10-064	4.3	69	16.0	83	19.2	110	25.6	155	36.1
		76	V10-076	3.2	61	19.0	73	22.8	97	30.4	138	43.2
		305	V10-305	1.1	84	76.3	101	91.5	134	122.0	197	178.7
12.5	6.3	25	V13-025	17.9	113	6.3	134	7.5	179	10.0	236	13.2
		32	V13-032	16.4	131	8.0	157	9.6	210	12.8	295	18.0
		38	V13-038	13.6	129	9.5	155	11.4	207	15.2	286	21.0
		44	V13-044	12.1	133	11.0	160	13.2	213	17.6	290	24.0
		51	V13-051	11.4	146	12.8	174	15.3	233	20.4	327	28.7
		64	V13-064	9.3	149	16.0	179	19.2	238	25.6	333	35.8
		76	V13-076	7.1	135	19.0	162	22.8	216	30.4	303	42.7
		89	V13-089	5.4	120	22.3	144	26.7	192	35.6	272	50.4
		102	V13-102	4.1	105	25.5	125	30.6	167	40.8	239	58.4
305	V13-305	1.4	107	76.3	128	91.5	171	122.0	241	172.0		
16	8	25	V16-025	23.4	147	6.3	176	7.5	234	10.0	295	12.6
		32	V16-032	22.9	183	8.0	220	9.6	293	12.8	376	16.4
		38	V16-038	19.3	183	9.5	220	11.4	293	15.2	380	19.7
		44	V16-044	17.1	188	11.0	226	13.2	301	17.6	385	22.5
		51	V16-051	15.7	201	12.8	240	15.3	320	20.4	413	26.3
		64	V16-064	10.7	171	16.0	205	19.2	274	25.6	356	33.3
		76	V16-076	10.0	190	19.0	228	22.8	304	30.4	402	40.2
		89	V16-089	8.6	192	22.3	230	26.7	306	35.6	409	47.6
		102	V16-102	7.8	199	25.5	239	30.6	318	40.8	432	55.4
		115	V16-115	6.6	190	28.8	228	34.5	304	46.0	401	60.8
305	V16-305	2.5	191	76.3	229	91.5	305	122.0	413	165.3		

D _H	D _d	L ₀	Catalog ue No.	R	A		B		C		D	
					25% L ₀		30% L ₀		40% L ₀		f _b	
mm	mm	mm		N/mm	N	mm	N	mm	N	mm	N	mm
20	10	25	V20-025	55.8	352	6.3	419	7.5	558	10.0	675	12.1
		32	V20-032	45.0	360	8.0	432	9.6	576	12.8	689	15.3
		38	V20-038	33.3	316	9.5	380	11.4	506	15.2	629	18.9
		44	V20-044	30.0	330	11.0	396	13.2	528	17.6	645	21.5
		51	V20-051	24.5	314	12.8	375	15.3	500	20.4	613	25.0
		64	V20-064	20.0	320	16.0	384	19.2	512	25.6	622	31.1
		76	V20-076	16.0	304	19	365	22.8	486	30.4	597	37.3
		89	V20-089	14.0	312	22.3	374	26.7	498	35.6	623	44.5
		102	V20-102	12.0	306	25.5	367	30.6	490	40.8	613	51.1
		115	V20-115	10.9	314	28.8	376	34.5	501	46.0	634	58.2
		127	V20-127	9.5	302	31.8	362	38.1	483	50.8	617	64.9
		139	V20-139	8.4	294	35.0	353	42.0	470	56.0	601	71.5
		152	V20-152	7.5	285	38.0	342	45.6	456	60.8	591	78.8
		305	V20-305	4.0	305	76.3	366	91.5	488	122.0	630	157.4
25	12.5	25	V25-025	100.0	630	6.3	750	7.5	1000	10.0	1190	11.9
		32	V25-032	80.3	642	8.0	771	9.6	1028	12.8	1285	16.0
		38	V25-038	62.0	589	9.5	707	11.4	942	15.2	1135	18.3
		44	V25-044	52.9	582	11.0	698	13.2	931	17.6	1132	21.4
		51	V25-051	44.0	563	12.8	673	15.3	898	20.4	1096	24.9
		64	V25-064	35.2	563	16.0	676	19.2	901	25.6	1105	31.4
		76	V25-076	28.0	532	19.0	638	22.8	851	30.4	1050	37.5
		89	V25-089	24.0	535	22.3	641	26.7	854	35.6	1044	43.5
		102	V25-102	21.1	538	25.5	646	30.6	861	40.8	1078	51.1
		115	V25-115	18.7	539	28.8	645	34.5	860	46.0	1086	58.1
		127	V25-127	16.7	531	31.8	636	38.1	848	50.8	1070	64.1
		139	V25-139	15.3	536	35.0	643	42.0	857	56.0	1077	70.4
		152	V25-152	14.0	532	38.0	638	45.6	851	60.8	1079	77.1
		178	V25-178	12.5	556	44.5	668	53.4	890	71.2	1164	93.1
203	V25-203	10.4	528	50.8	633	60.9	844	81.2	1068	102.7		
305	V25-305	7.0	534	76.3	641	91.5	854	122.0	1091	155.9		
32	16	38	V32-038	94.0	893	9.5	1072	11.4	1429	15.2	1720	18.3
		44	V32-044	79.0	875	11.0	1049	13.2	1399	17.6	1709	21.5
		51	V32-051	67.0	858	12.8	1025	15.3	1367	20.4	1709	25.5
		64	V32-064	53.0	848	16.0	1018	19.2	1357	25.6	1691	31.9
		76	V32-076	44.0	836	19.0	1003	22.8	1338	30.4	1698	38.6
		89	V32-089	37.2	830	22.3	993	26.7	1324	35.6	1730	46.5
		102	V32-102	32.0	816	25.5	979	30.6	1306	40.8	1702	53.2
		115	V32-115	29.0	835	28.8	1001	34.5	1334	46.0	1740	60.0
		127	V32-127	25.0	795	31.8	953	38.1	1270	50.8	1668	66.7
		139	V32-139	23.0	805	35.0	966	42.0	1288	56.0	1651	71.8
		152	V32-152	21.5	817	38.0	980	45.6	1307	60.8	1688	78.5
		178	V32-178	18.2	810	44.5	972	53.4	1296	71.2	1718	94.4
		203	V32-203	15.8	803	40.8	962	60.9	1283	81.2	1692	107.1
		254	V32-254	12.5	794	63.5	953	76.2	1270	101.6	1706	136.5
305	V32-305	10.3	786	76.3	942	91.5	1257	122.0	1676	162.7		

D _H	D _d	L ₀	Catalog ue No.	R	A		B		C		D	
					25% L ₀		30% L ₀		40% L ₀		f _b	
mm	mm	mm		N/mm	N	mm	N	mm	N	mm	N	mm
40	20	51	V40-051	92.0	1178	12.8	1408	15.3	1877	20.4	2346	25.5
		64	V40-064	73.0	1168	16.0	1402	19.2	1869	25.6	2292	31.4
		76	V40-076	63.0	1197	19.0	1436	22.8	1915	30.4	2381	37.8
		89	V40-089	51.0	1137	22.3	1362	26.7	1816	35.6	2259	44.3
		102	V40-102	43.0	1097	25.5	1316	30.6	1754	40.8	2180	50.7
		115	V40-115	39.6	1140	28.8	1366	34.5	1822	46.0	2301	58.1
		127	V40-127	37.0	1177	31.8	1410	38.1	1880	50.8	2390	64.6
		139	V40-139	32.0	1120	35.0	1344	42.0	1792	56.0	2243	70.1
		152	V40-152	28.0	1064	38.0	1277	45.6	1702	60.8	2145	76.6
		178	V40-178	25.5	1121	44.5	1346	53.4	1794	71.2	2278	90.4
		203	V40-203	22.7	1153	50.8	1382	60.9	1843	81.2	2324	102.4
		254	V40-254	17.0	1080	63.5	1295	76.2	1727	101.6	2190	128.8
		305	V40-305	14.8	1129	76.3	1354	91.5	1806	122.0	2310	156.1
50	25	64	V50-064	156	2496	16.0	2995	19.2	3994	25.6	4836	31.0
		76	V50-076	125	2375	19.0	2850	22.8	3800	30.4	4650	37.2
		89	V50-089	109	2431	22.3	2910	26.7	3880	35.6	4752	43.6
		102	V50-102	94.0	2397	25.5	2876	30.6	3835	40.8	4728	50.3
		115	V50-115	81.0	2333	28.8	2795	34.5	3726	46.0	4706	58.1
		127	V50-127	71.0	2258	31.8	2705	38.1	3607	50.8	4523	63.7
		139	V50-139	66.5	2328	35.0	2793	42.0	3724	56.0	4622	69.5
		152	V50-152	60.0	2280	38.0	2736	45.6	3648	60.8	4590	76.5
		178	V50-178	52.0	2314	44.5	2777	53.4	3702	71.2	4779	91.9
		203	V50-203	44.0	2235	50.8	2680	60.9	3573	81.2	4607	104.7
		254	V50-254	35.0	2223	63.5	2667	76.2	3556	101.6	4571	130.6
				305	V50-305	28.5	2175	76.3	2608	91.5	3477	122.0
63	388	76	V63-076	189	3591	19.0	4309	22.8	5746	30.4	6899	36.5
		89	V63-089	158	3523	22.3	4219	26.7	5625	35.6	6857	43.4
		102	V63-102	131	3341	25.5	4009	30.6	5345	40.8	6511	49.7
		115	V63-115	116	3341	28.8	4002	34.5	5336	46.0	6450	55.6
		127	V63-127	103	3275	31.8	3924	38.1	5232	50.8	6458	62.7
		152	V63-152	84.3	3203	38.0	3844	45.6	5125	60.8	6500	77.1
		178	V63-178	71.5	3182	44.5	3818	53.4	5091	71.2	6592	92.2
		203	V63-203	61.7	3134	50.8	3759	60.9	5010	81.2	6386	103.5
		254	V63-254	47	2985	63.5	3581	76.2	4775	101.6	6129	130.4
				305	V63-305	38.2	2915	76.3	3495	91.5	4660	122.0

Note: 1 N = 0,102 Kg (Force)