SPECIAL SPRINGS

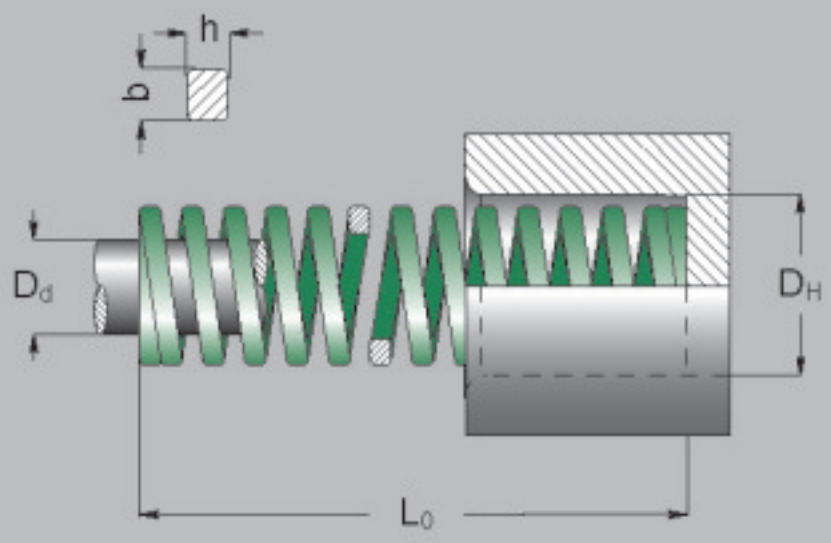
Filo rettangolare
Rectangular wire
Reckteckigem drahtquerschnitt
Fil rectangulaire

Molle carico leggero
Light load springs
Federn für normale belastung
Ressorts charge lègére

Serie
Series
Serie
Série

V

ISO 10243



D_H	D_d	L_0	N. di catalogo *Catalogue No.* *Bestellnummer* *N° de catalogue*	Rigidità *Rate* *Rigidez* *Raideur*	25% 3.000.000		30% 1.500.000		40% Max. Defl.		D Approx.	
b x h												
mm	mm	mm		N/mm	mm	N	mm	N	mm	N	mm	N
10	5	25	**V 10 - 025**	10	6.3	63	7.5	75	10.0	100	13.5	135
		32	**V 10 - 032**	8.5	8.0	68	9.6	82	12.8	109	17.5	149
		38	**V 10 - 038**	6.8	9.5	65	11.4	78	15.2	103	20.8	141
		44	**V 10 - 044**	6.0	11.0	66	13.2	79	17.6	106	23.9	143
		51	**V 10 - 051**	5.0	12.8	64	15.3	77	20.4	102	28.9	145
		64	**V 10 - 064**	4.3	16.0	69	19.2	83	25.6	110	36.1	155
		76	**V 10 - 076**	3.2	19.0	61	22.8	73	30.4	97	43.2	138
1.7 x 1.1		305	**V 10 - 305**	1.1	76.3	84	91.5	101	122.0	134	178.7	197
12.5	6.3	25	**V 13 - 025**	17.9	6.3	113	7.5	134	10.0	179	13.2	236
		32	**V 13 - 032**	16.4	8.0	131	9.6	157	12.8	210	18.0	295
		38	**V 13 - 038**	13.6	9.5	129	11.4	155	15.2	207	21.0	286
		44	**V 13 - 044**	12.1	11.0	133	13.2	160	17.6	213	24.0	290
		51	**V 13 - 051**	11.4	12.8	146	15.3	174	20.4	233	28.7	327
		64	**V 13 - 064**	9.3	16.0	149	19.2	179	25.6	238	35.8	333
		76	**V 13 - 076**	7.1	19.0	135	22.8	162	30.4	216	42.7	303
		89	**V 13 - 089**	5.4	22.3	120	26.7	144	35.6	192	50.4	272
		102	**V 13 - 102**	4.1	25.5	105	30.6	125	40.8	167	58.4	239
2.4 x 1.4		305	**V 13 - 305**	1.4	76.3	107	91.5	128	122.0	171	172.0	241
16	8	25	**V 16 - 025**	23.4	6.3	147	7.5	176	10.0	234	12.6	295
		32	**V 16 - 032**	22.9	8.0	183	9.6	220	12.8	293	16.4	376
		38	**V 16 - 038**	19.3	9.5	183	11.4	220	15.2	293	19.7	380
		44	**V 16 - 044**	17.1	11.0	188	13.2	226	17.6	301	22.5	385
		51	**V 16 - 051**	15.7	12.8	201	15.3	240	20.4	320	26.3	413
		64	**V 16 - 064**	10.7	16.0	171	19.2	205	25.6	274	33.3	356
		76	**V 16 - 076**	10.0	19.0	190	22.8	228	30.4	304	40.2	402
		89	**V 16 - 089**	8.6	22.3	192	26.7	230	35.6	306	47.6	409
		102	**V 16 - 102**	7.8	25.5	199	30.6	239	40.8	318	55.4	432
		115	**V 16 - 115**	6.6	28.8	190	34.5	228	46.0	304	60.8	401
3.2 x 1.5		305	**V 16 - 305**	2.5	76.3	191	91.5	229	122.0	305	165.3	413
20	10	25	**V 20 - 025**	55.8	6.3	352	7.5	419	10.0	558	12.1	675
		32	**V 20 - 032**	45.0	8.0	360	9.6	432	12.8	576	15.3	689
		38	**V 20 - 038**	33.3	9.5	316	11.4	380	15.2	506	18.9	629
		44	**V 20 - 044**	30.0	11.0	330	13.2	396	17.6	528	21.5	645
		51	**V 20 - 051**	24.5	12.8	314	15.3	375	20.4	500	25.0	613
		64	**V 20 - 064**	20.0	16.0	320	19.2	384	25.6	512	31.1	622
		76	**V 20 - 076**	16.0	19.0	304	22.8	365	30.4	486	37.3	597
		89	**V 20 - 089**	14.0	22.3	312	26.7	374	35.6	498	44.5	623
		102	**V 20 - 102**	12.0	25.5	306	30.6	367	40.8	490	51.1	613
		115	**V 20 - 115**	10.9	28.8	314	34.5	376	46.0	501	58.2	634
		127	**V 20 - 127**	9.5	31.8	302	38.1	362	50.8	483	64.9	617
		139	**V 20 - 139**	8.4	35.0	294	42.0	353	56.0	470	71.5	601
		152	**V 20 - 152**	7.5	38.0	285	45.6	342	60.8	456	78.8	591
4.0 x 2.1		305	**V 20 - 305**	4.0	76.3	305	91.5	366	122.0	488	157.4	630

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

Colore verde
Green color
Kennfarbe grün
Couleur verte

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b x h												
mm	mm	mm		N / mm	mm	N	mm	N	mm	N	mm	N
25	12.5	25	**V 25 - 025**	100.0	6.3	630	7.5	750	10.0	1000	11.9	1190
		32	**V 25 - 032**	80.3	8.0	642	9.6	771	12.8	1028	16.0	1285
		38	**V 25 - 038**	62.0	9.5	589	11.4	707	15.2	942	18.3	1135
		44	**V 25 - 044**	52.9	11.0	582	13.2	698	17.6	931	21.4	1132
		51	**V 25 - 051**	44.0	12.8	563	15.3	673	20.4	898	24.9	1096
		64	**V 25 - 064**	35.2	16.0	563	19.2	676	25.6	901	31.4	1105
		76	**V 25 - 076**	28.0	19.0	532	22.8	638	30.4	851	37.5	1050
		89	**V 25 - 089**	24.0	22.3	535	26.7	641	35.6	854	43.5	1044
		102	**V 25 - 102**	21.1	25.5	538	30.6	646	40.8	861	51.1	1078
		115	**V 25 - 115**	18.7	28.8	539	34.5	645	46.0	860	58.1	1086
		127	**V 25 - 127**	16.7	31.8	531	38.1	636	50.8	848	64.1	1070
		139	**V 25 - 139**	15.3	35.0	536	42.0	643	56.0	857	70.4	1077
		152	**V 25 - 152**	14.0	38.0	532	45.6	638	60.8	851	77.1	1079
		178	**V 25 - 178**	12.5	44.5	556	53.4	668	71.2	890	93.1	1164
		203	**V 25 - 203**	10.4	50.8	528	60.9	633	81.2	844	102.7	1068
5.4 x 2.7		305	**V 25 - 305**	7.0	76.3	534	91.5	641	122.0	854	155.9	1091
32	16	38	**V 32 - 038**	94.0	9.5	893	11.4	1072	15.2	1429	18.3	1720
		44	**V 32 - 044**	79.5	11.0	875	13.2	1049	17.6	1399	21.5	1709
		51	**V 32 - 051**	67.0	12.8	858	15.3	1025	20.4	1367	25.5	1709
		64	**V 32 - 064**	53.0	16.0	848	19.2	1018	25.6	1357	31.9	1691
		76	**V 32 - 076**	44.0	19.0	836	22.8	1003	30.4	1338	38.6	1698
		89	**V 32 - 089**	37.2	22.3	830	26.7	993	35.6	1324	46.5	1730
		102	**V 32 - 102**	32.0	25.5	816	30.6	979	40.8	1306	53.2	1702
		115	**V 32 - 115**	29.0	28.8	835	34.5	1001	46.0	1334	60.0	1740
		127	**V 32 - 127**	25.0	31.8	795	38.1	953	50.8	1270	66.7	1668
		139	**V 32 - 139**	23.0	35.0	805	42.0	966	56.0	1288	71.8	1651
		152	**V 32 - 152**	21.5	38.0	817	45.6	980	60.8	1307	78.5	1688
		178	**V 32 - 178**	18.2	44.5	810	53.4	972	71.2	1296	94.4	1718
		203	**V 32 - 203**	15.8	50.8	803	60.9	962	81.2	1283	107.1	1692
		254	**V 32 - 254**	12.5	63.5	794	76.2	953	101.6	1270	136.5	1706
6.8 x 3.3		305	**V 32 - 305**	10.3	76.3	786	91.5	942	122.0	1257	162.7	1676
40	20	51	**V 40 - 051**	92.0	12.8	1178	15.3	1408	20.4	1877	25.5	2346
		64	**V 40 - 064**	73.0	16.0	1168	19.2	1402	25.6	1869	31.4	2292
		76	**V 40 - 076**	63.0	19.0	1197	22.8	1436	30.4	1915	37.8	2381
		89	**V 40 - 089**	51.0	22.3	1137	26.7	1362	35.6	1816	44.3	2259
		102	**V 40 - 102**	43.0	25.5	1097	30.6	1316	40.8	1754	50.7	2180
		115	**V 40 - 115**	39.6	28.8	1140	34.5	1366	46.0	1822	58.1	2301
		127	**V 40 - 127**	37.0	31.8	1177	38.1	1410	50.8	1880	64.6	2390
		139	**V 40 - 139**	32.0	35.0	1120	42.0	1344	56.0	1792	70.1	2243
		152	**V 40 - 152**	28.0	38.0	1064	45.6	1277	60.8	1702	76.6	2145
		178	**V 40 - 178**	25.2	44.5	1121	53.4	1346	71.2	1794	90.4	2278
		203	**V 40 - 203**	22.7	50.8	1153	60.9	1382	81.2	1843	102.4	2324
		254	**V 40 - 254**	17.0	63.5	1080	76.2	1295	101.6	1727	128.8	2190
8.1 x 4.0		305	**V 40 - 305**	14.8	76.3	1129	91.5	1354	122.0	1806	156.1	2310
50	25	64	**V 50 - 064**	156	16.0	2496	19.2	2995	25.6	3994	31.0	4836
		76	**V 50 - 076**	125	19.0	2375	22.8	2850	30.4	3800	37.2	4650
		89	**V 50 - 089**	109	22.3	2431	26.7	2910	35.6	3880	43.6	4752
		102	**V 50 - 102**	94.0	25.5	2397	30.6	2876	40.8	3835	50.3	4728
		115	**V 50 - 115**	81.0	28.8	2333	34.5	2795	46.0	3726	58.1	4706
		127	**V 50 - 127**	71.0	31.8	2258	38.1	2705	50.8	3607	63.7	4523
		139	**V 50 - 139**	66.5	35.0	2328	42.0	2793	56.0	3724	69.5	4622
		152	**V 50 - 152**	60.0	38.0	2280	45.6	2736	60.8	3648	76.5	4590
		178	**V 50 - 178**	52.0	44.5	2314	53.4	2777	71.2	3702	91.9	4779
		203	**V 50 - 203**	44.0	50.8	2235	60.9	2680	81.2	3573	104.7	4607
		254	**V 50 - 254**	35.0	63.5	2223	76.2	2667	101.6	3556	130.6	4571
10.9 x 5.3		305	**V 50 - 305**	28.5	76.3	2175	91.5	2608	122.0	3477	154.9	4415
63	38	76	**V 63 - 076**	189	19.0	3591	22.8	4309	30.4	5746	36.5	6899
		89	**V 63 - 089**	158	22.3	3523	26.7	4219	35.6	5625	43.4	6857
		102	**V 63 - 102**	131	25.5	3341	30.6	4009	40.8	5345	49.7	6511
		115	**V 63 - 115**	116	28.8	3341	34.5	4002	46.0	5336	55.6	6450
		127	**V 63 - 127**	103	31.8	3275	38.1	3924	50.8	5232	62.7	6458
		152	**V 63 - 152**	84.3	38.0	3203	45.6	3844	60.8	5125	77.1	6500
		178	**V 63 - 178**	71.5	44.5	3182	53.4	3818	71.2	5091	92.2	6592
		203	**V 63 - 203**	61.7	50.8	3134	60.9	3758	81.2	5010	103.5	6386
		254	**V 63 - 254**	47.0	63.5	2985	76.2	3581	101.6	4775	130.4	6129
11.0 x 7.8		305	**V 63 - 305**	38.2	76.3	2915	91.5	3495	122.0	4660	157.4	6013