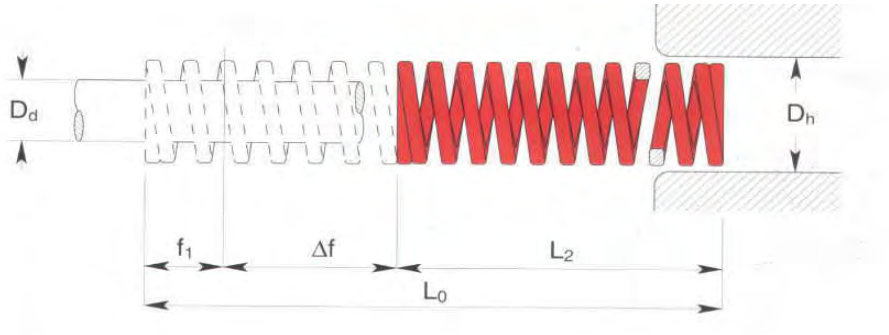
Heavy Load Springs

R-SERIES

RECTANGULAR WIRE

COLOUR CODE RED



D_H	D_d	L_0	Catalogue No.	R	A		B		C		D	
					20% L_0		30% L_0		37.5% L_0		f_b	
mm	mm	mm		N/mm	N	mm	N	mm	N	mm	N	mm
10	5	25	**R10-025**	22.1	111	5.0	139	6.3	166	7.5	203	9.2
		32	**R10-032**	17.5	112	6.4	140	8.0	168	9.6	212	12.1
		38	**R10-038**	17.1	130	7.6	162	9.5	195	11.4	226	13.2
		44	**R10-044**	15.0	132	8.8	165	11.0	198	13.2	227	15.1
		51	**R10-051**	12.8	131	10.2	164	12.8	196	15.3	250	19.5
		64	**R10-064**	10.7	137	12.8	171	16.0	205	19.2	233	21.8
		76	**R10-076**	7.5	114	15.2	143	19.0	171	22.8	209	27.9
		305	**R10-305**	2.1	128	61.0	160	76.3	192	91.5	267	127.2
12.5	6.3	25	**R13-025**	42.1	211	5.0	265	6.3	316	7.5	413	9.8
		32	**R13-032**	33.2	212	6.4	266	8.0	319	9.6	452	13.6
		38	**R13-038**	29.3	223	7.6	278	9.5	334	11.4	428	14.6
		44	**R13-044**	24.6	216	8.8	271	11.0	325	13.2	445	18.1
		51	**R13-051**	19.6	200	10.2	251	12.8	300	15.3	437	22.3
		64	**R13-064**	15.0	192	12.8	240	16.0	288	19.2	410	27.3
		76	**R13-076**	13.2	201	15.2	251	19.0	301	22.8	437	33.1
		89	**R13-089**	11.4	203	17.8	254	22.3	304	26.7	443	38.9
		102	**R13-102**	8.4	171	20.4	214	25.5	257	30.6	368	43.8
		305	**R13-305**	2.8	171	61.0	214	76.3	256	91.5	391	139.7
16	8	25	**R16-025**	75.7	379	5.0	477	6.3	568	7.5	636	8.4
		32	**R16-032**	52.8	338	6.4	422	8.0	507	9.6	554	10.5
		38	**R16-038**	48.5	369	7.6	461	9.5	553	11.4	660	13.6
		44	**R16-044**	42.8	377	8.8	471	11.0	565	13.2	681	15.9
		51	**R16-051**	37.1	378	10.2	475	12.8	568	15.3	701	18.9
		64	**R16-064**	30.3	388	12.8	485	16.0	582	19.2	754	24.9
		76	**R16-076**	25.7	391	15.2	488	19.0	586	22.8	750	29.2
		89	**R16-089**	21.7	386	17.8	484	22.3	579	26.7	749	34.5
		102	**R16-102**	19.3	394	20.4	492	25.5	591	30.6	755	39.1
		115	**R16-115**	15.7	361	23.0	452	28.8	542	34.5	691	44
		305	**R16-305**	7.1	433	61.0	542	76.3	650	91.5	736	103.6

D_H	D_d	L_0	Catalogue No.	R	A		B		C		D	
					20% L_0		30% L_0		37.5% L_0		f_b	
mm	mm	mm		N/mm	N	mm	N	mm	N	mm	N	mm
20	10	25	R20-025	216.0	1080	5.0	1361	6.3	1620	7.5	1793	8.3
		32	R20-032	168.0	1075	6.4	1344	8.0	1613	9.6	1831	10.9
		38	R20-038	129.0	980	7.6	1226	9.5	1471	11.4	1613	12.5
		44	R20-044	112.0	986	8.8	1232	11.0	1478	13.2	1680	15.0
		51	R20-051	94.0	959	10.2	1203	12.8	1438	15.3	1654	17.6
		64	R20-064	72.1	923	12.8	1154	16.0	1384	19.2	1629	22.6
		76	R20-076	59.7	907	15.2	1134	19.0	1361	22.8	1642	27.5
		89	R20-089	50.5	899	17.8	1126	22.3	1348	26.7	1601	31.7
		102	R20-102	44.2	902	20.4	1127	25.5	1353	30.6	1658	37.5
		115	R20-115	38.4	883	23.0	1106	28.8	1325	34.5	1636	42.6
		127	R20-127	34.1	866	25.4	1084	31.8	1299	38.1	1552	45.5
		139	R20-139	31.0	868	28.0	1085	35.0	1302	42.0	1553	50.1
		152	R20-152	28.2	857	30.4	1072	38.0	1286	45.6	1574	55.8
		305	R20-305	15.0	915	61.0	1145	76.3	1373	91.5	1712	114.1
25	12.5	25	R25-025	375	1875	5.0	2363	6.3	2813	7.5	3188	8.5
		32	R25-032	297	1901	6.4	2376	8.0	2851	9.6	3267	11.0
		38	R25-038	219	1664	7.6	2081	9.5	2497	11.4	2759	12.6
		44	R25-044	187	1646	8.8	2057	11.0	2468	13.2	2768	14.8
		51	R25-051	156	1591	10.2	1997	12.8	2387	15.3	2792	17.9
		64	R25-064	123	1574	12.8	1968	16.0	2362	19.2	2841	23.1
		76	R25-076	99.0	1505	15.2	1881	19.0	2257	22.8	2604	26.3
		89	R25-089	84.0	1495	17.8	1873	22.3	2243	26.7	2562	30.5
		102	R25-102	73.0	1489	20.4	1862	25.5	2234	30.6	2723	37.3
		115	R25-115	65.0	1495	23.0	1872	28.8	2243	34.5	2724	41.9
		127	R25-127	57.7	1466	25.4	1835	31.8	2198	38.1	2666	46.2
		139	R25-139	52.7	1476	28.0	1845	35.0	2213	42.0	2598	49.3
		152	R25-152	47.8	1453	30.4	1816	38.0	2180	45.6	2662	55.7
		178	R25-178	41.0	1460	35.6	1825	44.5	2189	53.4	2669	65.1
		203	R25-203	35.8	1453	40.6	1819	50.8	2180	60.9	2667	74.5
		305	R25-305	22.9	1397	61.0	1747	76.3	2095	91.5	2524	110.2
32	16	38	R32-038	388	2949	7.6	3686	9.5	4423	11.4	4850	12.5
		44	R32-044	324	2851	8.8	3564	11	4277	13.2	4828	14.9
		51	R32-051	272	2774	10.2	3482	12.8	4162	15.3	4842	17.8
		64	R32-064	212	2714	12.8	3392	16.0	4070	19.2	4749	22.4
		76	R32-076	172	2614	15.2	3268	19.0	3922	22.8	4489	26.1
		89	R32-089	141	2510	17.8	3144	22.3	3765	26.7	4343	30.8
		102	R32-102	122	2489	20.4	3111	25.5	3733	30.6	4490	36.8
		115	R32-115	107	2461	23.0	3082	28.8	3692	34.5	4430	41.4
		127	R32-127	93.0	2362	25.4	2957	31.8	3543	38.1	4129	44.4
		139	R32-139	86.0	2408	28.0	3010	35.0	3612	42.0	4171	48.5
		152	R32-152	78.0	2371	30.4	2964	38.0	3557	45.6	4274	54.8
		178	R32-178	67.2	2392	35.6	2990	44.5	3588	53.4	4274	63.6
		203	R32-203	59.1	2399	40.6	3002	50.8	3599	60.9	4285	72.5
		254	R32-254	46.4	2357	50.8	2946	63.5	3536	76.2	4306	92.8
		305	R32-305	38.0	2318	61.0	2899	76.3	3477	91.5	4248	111.8

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

D_H	D_d	L_0	Catalogue No.	R	A		B		C		D	
					20% L_0		25% L_0		30% L_0		f_b	
mm	mm	mm		N/mm	N	mm	N	mm	N	mm	N	mm
40	20	51	**R40-051**	350	3570	10.2	4480	12.8	5355	15.3	5950	17.0
		64	**R40-064**	269	3443	12.8	4304	16.0	5165	19.2	5891	21.9
		76	**R40-076**	219	3329	15.2	4161	19.0	4993	22.8	5847	26.7
		89	**R40-089**	190	3382	17.8	4237	22.3	5073	26.7	5947	31.3
		102	**R40-102**	163	3325	20.4	4157	25.5	4988	30.6	6047	37.1
		115	**R40-115**	142	3266	23.0	4090	28.8	4899	34.5	5822	41.0
		127	**R40-127**	128	3251	25.4	4070	31.8	4877	38.1	5952	46.5
		139	**R40-139**	115	3220	28.0	4025	35.0	4830	42.0	6107	53.1
		152	**R40-152**	105	3192	30.4	3990	38.0	4788	45.6	5891	56.1
		178	**R40-178**	89	3168	35.4	3961	44.5	4753	53.4	5999	67.4
		203	**R40-203**	77	3126	40.6	3912	50.8	4689	60.9	5867	76.2
		254	**R40-254**	61	3099	50.8	3874	63.5	4648	76.2	5868	96.2
		305	**R40-305**	51	3111	61.0	3891	76.3	4667	91.5	5855	114.8
50	25	64	**R50-064**	413	5286	12.8	6608	16.0	7930	19.2	9251	22.4
		76	**R50-076**	339	5153	15.2	6441	19.0	7729	22.8	8984	26.5
		89	**R50-089**	288	5126	17.8	6422	22.3	7690	26.7	9072	31.5
		102	**R50-102**	245	4998	20.4	6248	25.5	7497	30.6	9212	37.6
		115	**R50-115**	215	4945	23.0	6192	28.8	7418	34.5	9181	42.7
		127	**R50-127**	192	4877	25.4	6106	31.8	7315	38.1	9120	47.5
		139	**R50-139**	168	4704	28.0	5880	35.0	7056	42.0	8702	51.8
		152	**R50-152**	154	4682	30.4	5852	38.0	7022	45.6	8901	57.8
		178	**R50-178**	134	4770	35.6	5963	44.5	7156	53.4	9179	68.5
		203	**R50-203**	117	4750	40.6	5944	50.8	7125	60.9	9079	77.6
		254	**R50-254**	89	4521	50.8	5652	63.5	6782	76.2	8713	97.9
		305	**R50-305**	73	4453	61.0	5570	76.3	6680	91.5	8811	120.7
63	388	76	**R63-076**	618	9394	15.2	11742	19.0	14090	22.8	15265	24.7
		89	**R63-089**	515	9167	17.8	11485	22.3	13751	26.7	15450	30.0
		102	**R63-102**	438	8935	20.4	11169	25.5	13403	30.6	15374	35.1
		115	**R63-115**	370	8510	23.0	10656	28.8	12765	34.5	13875	37.5
		127	**R63-127**	333	8458	25.4	10589	31.8	12687	38.1	15285	45.9
		152	**R63-152**	269	8178	30.4	10222	38.0	12266	45.6	15199	56.5
		178	**R63-178**	226	80546	35.6	10057	44.5	12068	53.4	15097	66.8
		203	**R63-203**	198	8039	40.6	10058	50.8	12058	60.9	15602	78.8
		254	**R63-254**	155	7874	50.8	9843	63.5	11811	76.2	15763	101.7
		305	**R63-305**	128	7808	61.0	9766	76.3	11712	91.5	15667	122.4

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