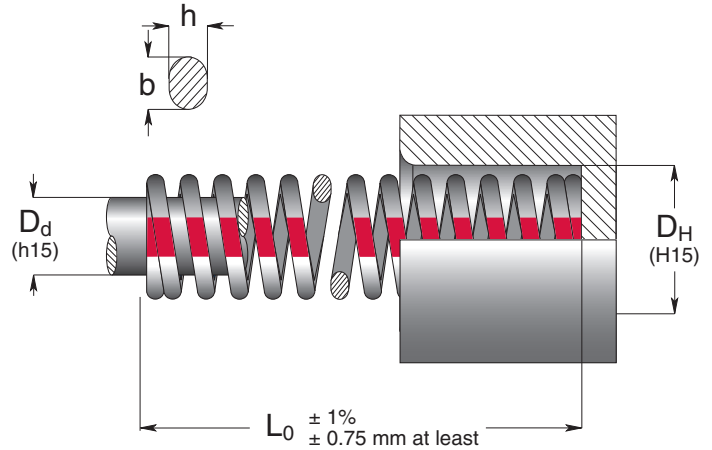
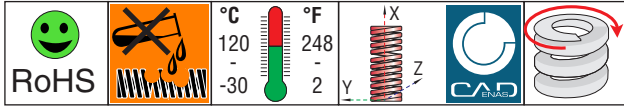


- IT** Molle carico medio
- EN** Medium load springs
- DE** Federn für mittlere Spannung
- FR** Ressorts charge moyenne
- ES** Muelles carga mediana
- PT** Molas carga média



Code	D _H Hole Diameter	D _d Rod Diameter	L ₀ Free Length	R Spring Constant	A 25% L ₀ Long Life		B 40% L ₀ Medium Life		C 50% L ₀ Max Deflection		E approx. do not use	
					mm	N	mm	N	mm	N	mm	N
	b x h			± 10%	Long Life		Medium Life		Max Deflection		approx. do not use	
	mm	mm	mm	N/mm	mm	N	mm	N	mm	N	mm	N
MHR 37 - 100	9.5	4.7	25	17.7	5.0	89	6.3	112	9.3	165	10.2	181
MHR 37 - 125			32	15.2	6.4	97	8.0	122	11.8	179	14.2	216
MHR 37 - 150			38	13.2	7.6	100	9.5	125	14.1	186	16.8	222
MHR 37 - 175			44	11.3	8.8	99	11.0	124	16.3	184	19.4	219
MHR 37 - 200			51	8.4	10.2	86	12.8	108	18.9	159	23.4	197
MHR 37 - 250			64	7.2	12.8	92	16.0	115	23.7	171	28.2	203
MHR 37 - 300			76	5.8	15.2	88	19.0	110	28.1	163	34.2	198
MHR 37 - 1200	1.90 x 1.30		305	1.5	61.0	91	76.3	114	112.9	169	133.8	201
MHR 50 - 100	13	7	25	30.4	5.0	152	6.3	192	9.3	283	11.9	362
MHR 50 - 125			32	22.1	6.4	141	8.0	177	11.8	261	16.2	358
MHR 50 - 150			38	19.1	7.6	145	9.5	181	14.1	269	18.7	357
MHR 50 - 175			44	16.1	8.8	142	11.0	177	16.3	262	21.3	343
MHR 50 - 200			51	15.0	10.2	153	12.8	192	18.9	284	25.6	384
MHR 50 - 250			64	11.8	12.8	151	16.0	189	23.7	280	32.4	382
MHR 50 - 300			76	9.8	15.2	149	19.0	186	28.1	275	39.0	382
MHR 50 - 350			89	8.1	17.8	144	22.3	181	32.9	266	45.9	372
MHR 50 - 400			102	6.3	20.4	129	25.5	161	37.7	238	52.3	329
MHR 50 - 1200	2.50 x 1.50		305	2.1	61.0	128	76.3	160	112.9	237	152.5	320
MHR 62 - 100	16	8.7	25	56.8	5.0	284	6.3	358	9.3	528	10.5	596
MHR 62 - 125			32	38.2	6.4	244	8.0	306	11.8	451	13.2	504
MHR 62 - 150			38	33.3	7.6	253	9.5	316	14.1	470	17.2	573
MHR 62 - 175			44	29.2	8.8	257	11.0	321	16.3	476	19.4	566
MHR 62 - 200			51	25.5	10.2	260	12.8	326	18.9	482	24.2	617
MHR 62 - 250			64	19.6	12.8	251	16.0	314	23.7	464	29.2	572
MHR 62 - 300			76	16.2	15.2	246	19.0	308	28.1	455	36.3	588
MHR 62 - 350			89	13.7	17.8	244	22.3	306	32.9	451	41.7	571
MHR 62 - 400			102	12.7	20.4	259	15.5	324	37.7	479	48.9	621
MHR 62 - 450			115	10.3	23.0	237	28.8	297	42.6	439	53.1	547
MHR 62 - 1200	3.20 x 2.00		305	3.9	61.0	238	76.3	298	112.9	440	141.6	552
MHR 75 - 100	19.5	9.5	25	99.0	5.0	495	6.3	624	9.3	921	10.8	1069
MHR 75 - 125			32	77.5	6.4	496	8.0	620	11.8	915	13.9	1077
MHR 75 - 150			38	55.9	7.6	425	9.5	531	14.1	788	17.1	956
MHR 75 - 175			44	50.0	8.8	440	11.0	550	16.3	815	19.6	980
MHR 75 - 200			51	42.2	10.2	430	12.8	540	18.9	798	22.4	945
MHR 75 - 250			64	33.3	12.8	426	16.0	533	23.7	789	28.5	949
MHR 75 - 300			76	25.0	15.2	380	19.0	475	28.1	703	33.5	838
MHR 75 - 350			89	23.1	17.8	411	22.3	515	32.9	760	40.2	929
MHR 75 - 400			102	20.6	20.4	420	25.5	525	37.7	777	45.5	937
MHR 75 - 450			115	18.6	23.0	428	28.8	536	42.6	792	50.3	936
MHR 75 - 500			127	17.7	25.4	450	31.8	563	47.0	832	56.6	1002
MHR 75 - 550			140	16.2	28.0	454	35.0	567	51.8	839	61.9	1003
MHR 75 - 600			152	13.9	30.4	423	38.0	528	56.2	781	67.6	940
MHR 75 - 1200	4.00 x 2.40		305	6.4	61.0	390	76.3	488	112.9	723	136.3	872



US Standard Oval Wire

SERIES MHR

Code	D _H	D _d	L ₀	R	A		B		C		E		
	Hole Diameter	Rod Diameter	Free Length	Spring Constant	25% L ₀		40% L ₀		50% L ₀		approx.		
	b x h			± 10%	Long Life		Medium Life		Max Deflection		do not use		
	mm	mm	mm	N/mm	mm	N	mm	N	mm	N	mm	N	
MHR 100 - 100	25.5	13	25	137.3	5.0	687	6.3	865	9.3	1277	9.9	1359	
MHR 100 - 125			32	105.9	6.4	678	8.0	847	11.8	1250	13.3	1408	
MHR 100 - 150			38	88.3	7.6	671	9.5	839	14.1	1245	16.5	1457	
MHR 100 - 175			44	76.5	8.8	673	11.0	842	16.3	1247	19.3	1476	
MHR 100 - 200			51	63.7	10.2	650	12.8	815	18.9	1204	22.0	1401	
MHR 100 - 250			64	49.0	12.8	627	16.0	874	23.7	1161	27.4	1343	
MHR 100 - 300			76	41.7	15.2	634	19.0	792	28.1	1172	32.8	1368	
MHR 100 - 350			89	35.8	17.8	637	22.3	798	32.9	1178	39.0	1396	
MHR 100 - 400			102	31.9	20.4	651	25.5	813	37.7	1203	44.7	1426	
MHR 100 - 450			115	27.0	23.0	621	28.8	778	42.6	1150	49.8	1345	
MHR 100 - 500			127	24.5	25.4	622	31.8	779	47.0	1152	56.3	1379	
MHR 100 - 550			140	22.6	28.0	633	35.0	791	51.8	1171	63.0	1424	
MHR 100 - 600			152	19.6	30.4	598	38.0	745	56.2	1102	66.2	1298	
MHR 100 - 700	178	17.7	35.6	630	44.5	788	65.9	1166	77.9	1379			
MHR 100 - 800	203	15.7	40.6	637	50.8	798	75.1	1179	88.5	1389			
MHR 100 - 1200	5.50 x 3.00	305	10.8	61.0	659	76.3	824	112.9	1219	136.6	1475		
MHR 125 - 150	32	16	38	196.1	7.6	1490	9.5	1863	14.1	2765	16.1	3157	
MHR 125 - 175			44	176.5	8.8	1553	11.0	1942	16.3	2877	18.5	3265	
MHR 125 - 200			51	147.1	10.2	1500	12.8	1883	18.9	2780	21.4	3148	
MHR 125 - 250			64	107.9	12.8	1381	16.0	1726	23.7	2557	27.4	2956	
MHR 125 - 300			76	90.2	15.2	1371	19.0	1714	28.1	2535	32.7	2950	
MHR 125 - 350			89	74.5	17.8	1326	22.3	1661	32.9	2451	39.1	2913	
MHR 125 - 400			102	64.7	20.4	1320	25.5	1650	37.7	2439	43.4	2808	
MHR 125 - 450			115	55.9	23.0	1286	28.8	1610	42.6	2381	49.7	2778	
MHR 125 - 500			127	47.1	25.4	1196	31.8	1498	47.0	2214	54.1	2548	
MHR 125 - 550			140	44.1	28.0	1235	35.0	1544	51.8	2284	60.0	2646	
MHR 125 - 600			152	40.7	30.4	1237	38.0	1547	56.2	2287	66.8	2719	
MHR 125 - 700			178	34.3	35.6	1221	44.5	1526	65.9	2260	78.2	2682	
MHR 125 - 800			203	31.4	40.6	1275	50.8	1595	75.1	2358	87.2	2738	
MHR 125 - 1000	254	22.1	50.8	1123	63.5	1403	94.0	2077	110.3	2438			
MHR 125 - 1200	7.20 x 4.00	305	20.6	61.0	1257	76.3	1572	112.9	2326	133.4	2748		
MHR 150 - 200	38.5	19.5	51	178.5	10.2	1821	12.8	2285	18.9	3374	21.5	3838	
MHR 150 - 250			64	132.4	12.8	1695	16.0	2118	23.7	3138	26.3	3482	
MHR 150 - 300			76	107.9	15.2	1640	19.0	2050	28.1	3032	33.2	3582	
MHR 150 - 350			89	94.1	17.8	1675	22.3	2098	32.9	3096	40.0	3764	
MHR 150 - 400			102	82.4	20.4	1681	25.5	2101	37.7	3106	44.7	3683	
MHR 150 - 450			115	73.7	23.0	1695	28.8	2123	42.6	3140	50.1	3692	
MHR 150 - 500			127	62.8	25.4	1595	31.8	1997	47.0	2952	55.2	3467	
MHR 150 - 550			140	58.8	28.0	1646	35.0	2058	51.8	3046	61.3	3604	
MHR 150 - 600			152	52.0	30.4	1581	38.0	1976	56.2	222	67.6	3515	
MHR 150 - 700			178	44.1	35.6	1570	44.5	1962	65.9	2906	79.2	3493	
MHR 150 - 800			203	37.3	40.6	1514	50.8	1895	75.1	2801	89.7	3346	
MHR 150 - 1000			254	31.4	50.8	1595	63.5	1994	94.0	2952	113.0	3548	
MHR 150 - 1200			8.00 x 5.10	305	24.5	61.0	1495	76.3	1869	112.9	2766	138.7	3398
MHR 200 - 250	51	25.5	64	210.8	12.8	2698	16.0	3373	23.7	4996	27.3	5755	
MHR 200 - 300			76	171.6	15.2	2608	19.0	3260	28.1	4822	31.1	5337	
MHR 200 - 350			89	142.2	17.8	2531	22.3	3171	32.9	4678	38.2	5432	
MHR 200 - 400			102	119.6	20.4	2440	25.5	3050	37.7	4509	43.5	5203	
MHR 200 - 450			115	107.9	23.0	2482	28.8	3108	42.6	4597	48.3	5212	
MHR 200 - 500			127	100.0	25.4	2540	31.8	3180	47.0	4700	55.1	5510	
MHR 200 - 550			140	90.2	28.0	2526	35.0	3157	51.8	4672	61.4	5538	
MHR 200 - 600			152	84.3	30.4	2563	38.0	3203	56.2	4738	67.5	5690	
MHR 200 - 700			178	71.1	35.6	2531	44.5	3164	65.9	4685	79.1	5624	
MHR 200 - 800			203	61.8	40.6	2509	50.8	3139	75.1	4641	89.2	5513	
MHR 200 - 1000			254	49.5	50.8	2515	63.5	3143	94.0	4653	113.2	5603	
MHR 200 - 1200			11.40 x 5.80	305	43.1	61.0	2629	76.3	3289	112.9	4866	143.4	6181
MHR 250 - 300			63	38	76	300.1	15.2	4562	19.0	5702	28.1	8433	29.3
MHR 250 - 350	89	240.3			17.8	4277	22.3	5359	32.9	4906	36.1	8675	
MHR 250 - 400	102	211.8			20.4	4321	25.5	5401	37.7	4985	43.9	9298	
MHR 250 - 450	115	188.3			23.0	4331	28.8	5423	42.6	8022	48.4	9114	
MHR 250 - 500	127	162.8			25.4	4135	31.8	5177	47.0	7652	55.2	8987	
MHR 250 - 550	140	156.9			28.0	1393	35.0	5491	51.8	8127	63.9	9555	
MHR 250 - 600	152	147.1			30.4	4472	38.0	5590	56.2	8267	66.0	9709	
MHR 250 - 700	178	108.9			35.6	3877	44.5	4846	65.9	7177	76.9	8374	
MHR 250 - 800	203	94.1			40.6	3820	50.8	4780	75.1	7067	86.7	8158	
MHR 250 - 900	229	86.3			45.8	3953	57.2	4945	84.7	7310	99.0	8544	
MHR 250 - 1000	254	75.5			50.8	3835	63.5	4794	94.0	7097	112.2	8471	
MHR 250 - 1200	11.50 x 9.70	305			64.7	61.0	3947	76.3	4937	112.9	7305	132.9	8599

OMS
Metric