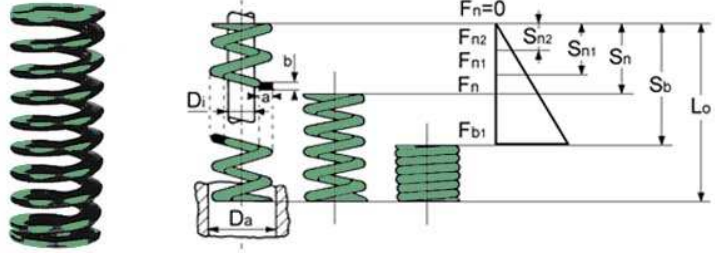


Carga Ligera  
Muelles para troquel

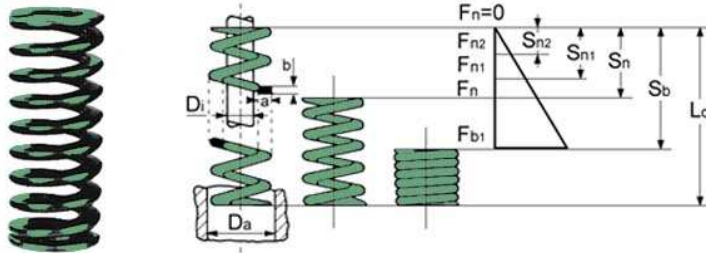
Color Verde  
Código de color según ISO



Da mm.	Di mm.	Lo mm.	Nº de referencia para pedido	Carga a... 25% de deflexión		Carga a... 30% de deflexión		Carga a... 35% de deflexión		Carga a 1 mm. Deflex. (N)	Carga y deflexión aprox.. Altura compacta	
				N	mm	N	mm	N	mm		N	mm
10	5	25	M-100	61.8	6.3	73.5	7.5	87.5	8.0	10.0	103.0	10.3
		32	M-100-A	70.6	8.0	84.7	9.6	95.2	11.2	8.5	111.4	13.1
		38	M-101	65.2	9.5	78.3	11.4	90.4	13.3	6.8	106.1	15.6
		44	M-101-A	64.7	11.0	77.7	13.2	92.4	15.4	6.0	108.0	18.0
		51	M-102	62.5	12.8	75.0	15.3	89.3	17.9	5.0	104.5	20.9
		64	M-103	62.8	16.0	75.3	19.2	96.3	22.4	4.3	111.8	26.0
		76	M-104	55.9	19.0	67.1	22.8	85.1	26.6	3.2	99.8	31.2
305	M-105	74.8	76.3	89.7	91.5	117.4	106.8	1.1	137.5	125.0		
12.5	6.3	25	M-110	110.3	6.3	132.4	7.5	156.6	8.8	17.9	184.4	10.3
		32	M-110-A	133.4	8.0	160.0	9.6	183.7	11.2	16.4	214.8	13.1
		38	M-111	130.4	9.5	156.5	11.4	180.9	13.3	13.6	212.2	15.6
		44	M-111-A	129.4	11.0	155.3	13.2	186.3	15.4	12.1	217.8	18.0
		51	M-112	150.0	12.8	180.1	15.3	203.5	17.9	11.4	238.3	20.9
		64	M-113	141.2	16.0	169.5	19.2	208.3	22.4	9.3	244.6	26.3
		76	M-114	130.4	19.0	156.5	22.8	188.9	26.6	7.1	221.5	31.2
89	M-115	130.9	22.3	157.1	26.7	168.2	31.2	5.4	197.1	36.5		
305	M-116	74.8	76.3	89.7	91.5	149.5	106.8	1.4	175.0	125.0		
16	8	25	M-120	147.1	6.3	176.5	7.5	204.8	8.8	23.4	241.0	10.3
		32	M-120-A	180.4	8.0	216.5	9.6	256.5	11.2	22.9	300.0	13.1
		38	M-121	186.3	9.5	223.6	11.4	256.7	13.3	19.3	301.1	15.6
		44	M-121-A	183.4	11.0	220.1	13.2	263.3	15.4	17.1	307.8	18.0
		51	M-122	200.1	12.8	240.1	15.3	280.2	17.9	15.7	328.1	20.9
		64	M-123	172.6	16.0	207.1	19.2	239.7	22.4	10.7	281.4	26.3
		76	M-124	186.3	19.0	223.6	22.8	266.0	26.6	10.0	312.0	31.2
89	M-125	196.4	22.3	235.7	26.7	267.9	31.2	8.6	313.9	36.5		
102	M-126	200.1	25.5	240.1	30.6	278.5	35.7	7.8	326.0	41.8		
305	M-127	224.3	76.3	269.2	91.5	266.9	106.8	2.5	312.5	125.0		
20	10	25	M-1	349.4	6.3	419.2	7.5	488.3	8.8	55.8	569.2	10.2
		32	M-1-A	360.9	8.0	433.1	9.6	504.0	11.2	45.0	562.5	12.5
		38	M-2	316.8	9.5	380.1	11.4	442.9	13.3	33.3	499.5	15.0
		44	M-2-A	334.4	11.0	401.3	13.2	462.0	15.4	30.0	540.0	18.0
		51	M-3	312.6	12.8	375.1	15.3	437.3	17.9	24.5	490.0	20.0
		64	M-4	313.8	16.0	376.6	19.2	448.0	22.4	20.0	500.0	25.0
		76	M-5	298.1	19.0	357.7	22.8	425.6	26.6	16.0	480.0	30.0
		89	M-6	305.5	22.3	366.6	26.7	436.1	31.2	14.0	490.0	35.0
		102	M-7	300.1	25.5	360.1	30.6	428.4	35.7	12.0	492.0	41.0
		115	M-8	310.1	28.8	372.2	34.5	438.7	40.3	10.9	501.4	46.0
		127	M-9	311.4	31.8	373.6	38.1	422.3	44.5	9.5	484.5	51.0
139	M-10	306.7	34.8	368.0	41.7	408.7	48.7	8.4	470.4	56.0		
152	M-11	298.1	38.0	357.7	45.6	399.0	53.2	7.5	457.5	61.0		
305	M-11-A	299.1	76.3	358.9	91.5	427.0	106.8	4.0	488.0	122.0		
25	12.5	25	M-12	625.2	6.3	750.2	7.5	875.0	8.8	100.0	1020.0	10.2
		32	M-12-A	643.3	8.0	772.0	9.6	899.4	11.2	80.3	1003.8	12.5
		38	M-13	586.9	9.5	704.3	11.4	824.6	13.3	62.0	930.0	15.0
		44	M-13-A	582.5	11.0	699.0	13.2	814.7	15.4	52.9	952.2	18.0
		51	M-14	562.7	12.8	675.2	15.3	785.4	17.9	44.0	880.0	20.0
		64	M-15	564.9	16.0	677.8	19.2	788.5	22.4	35.2	880.0	25.0
		76	M-16	540.3	19.0	648.4	22.8	744.8	26.6	28.0	840.0	30.0
		89	M-17	523.7	22.3	628.4	26.7	747.6	31.2	24.0	840.0	35.0
		102	M-18	550.2	25.5	660.2	30.6	753.3	35.7	21.1	865.1	41.0
		115	M-19	535.7	28.8	642.8	34.5	752.7	40.3	18.7	860.2	46.0
		127	M-20	529.3	31.8	635.2	38.1	742.3	44.5	16.7	851.7	51.0
		139	M-21	545.2	34.8	654.3	41.7	744.3	48.7	15.3	856.8	56.0
		152	M-22	521.7	38.0	626.1	45.6	744.8	53.2	14.0	854.0	61.0
		178	M-23	567.3	44.5	680.8	53.4	778.8	62.3	12.5	887.5	71.0
203	M-24	547.5	50.8	656.9	60.9	738.9	71.1	10.4	842.4	81.0		
305	M-24-A	523.4	76.3	628.1	91.5	747.3	106.8	7.0	854.0	122.0		

Carga Ligera  
Muelles para troquel

Color Verde  
Código de color según ISO



Da mm.	Di mm.	Lo mm.	Nº de referencia para pedido	Carga a... 25% de deflexión		Carga a... 30% de deflexión		Carga a... 35% de deflexión		Carga a 1 mm Deflex. (N)	Carga y deflexión aprox.. Altura compacta	
				N	mm	N	mm	N	mm		N	mm
32	16	38	M-36	894.4	9.5	1073.2	11.4	1250.2	13.3	94.0	1410.0	15.0
		44	M-36-A	873.8	11.00	1048.5	13.2	1224.3	15.4	79.5	1431.0	18.0
		51	M-37	850.2	12.8	1020.3	15.3	1196.0	17.9	67.0	1340.0	20.0
		64	M-38	847.3	16.0	1016.8	19.2	1187.2	22.4	53.0	1325.0	25.0
		76	M-39	838.5	19.0	1006.2	22.8	1170.4	26.6	44.0	1320.0	30.0
		89	M-40	829.2	22.3	995.0	26.7	1158.8	31.2	37.2	1302.0	35.0
		102	M-41	825.2	25.5	990.3	30.6	1142.4	35.7	32.0	1312.0	41.0
		115	M-42	845.8	28.8	1015.0	34.5	1167.3	40.3	29.0	1334.0	46.0
		127	M-43	778.4	31.8	934.1	38.1	1111.3	44.5	25.0	1275.0	51.0
		139	M-44	783.8	34.8	940.6	41.7	1119.0	48.7	23.0	1288.0	56.0
		152	M-45	818.8	38.0	983.8	45.6	1143.8	52.2	21.5	1311.5	61.0
		178	M-46	829.2	44.5	995.0	53.4	1133.9	62.3	18.2	1292.2	71.0
203	M-47	796.3	50.8	955.6	60.9	1122.6	71.1	15.8	1279.0	81.0		
254	M-48	809.5	63.5	971.4	76.2	1111.3	88.9	12.5	1275.0	102.0		
305	M-48-A	822.5	76.3	987.0	91.5	1099.5	106.8	10.3	1256.6	122.0		
40	20	51	M-49	1175.3	12.8	1410.4	15.3	1642.2	17.9	92.0	1840.0	20.0
		64	M-50	1161.1	16.0	1393.3	19.2	1635.2	22.4	73.0	1825.0	25.0
		76	M-51	1192.5	19.0	1431.0	22.8	1675.8	26.6	63.0	1890.0	30.0
		89	M-52	1134.6	22.3	1361.6	26.7	1588.7	31.2	51.0	1785.0	35.0
		102	M-53	1100.3	25.5	1320.4	30.6	1760.5	40.8	4.4	2200.6	51.0
		115	M-54	1127.8	28.8	1353.3	34.5	1804.4	46.0	4.0	2255.5	57.5
		127	M-55	1183.2	31.8	1419.8	38.1	1893.1	50.8	3.8	2366.3	63.5
		139	M-55-A	1124.6	34.8	1349.5	41.7	1799.3	55.6	3.3	2249.2	69.5
		152	M-56	1080.7	38.0	1296.8	45.6	1729.1	60.8	2.9	2161.4	76.0
		178	M-56-A	1134.6	44.5	1361.6	53.4	1815.4	71.2	2.6	2269.3	89.0
		203	M-57	1144.7	50.8	1373.6	60.9	1831.5	81.2	2.3	2289.4	101.5
		254	M-58	1058.6	63.5	1270.4	76.2	1693.8	101.6	1.7	2117.3	127.0
305	M-58-A	1121.6	76.3	1346.0	91.5	1794.6	122.0	1.5	2243.9	152.2		
50	25	64	M-70	2494.8	16.0	2993.8	19.2	3991.7	25.6	15.9	4989.6	32.0
		76	M-71	2366.3	19.0	2839.6	22.8	3786.2	30.4	12.7	4732.7	38.0
		89	M-72	2422.0	22.3	2906.4	26.7	3875.2	35.6	11.1	4844.0	44.5
		102	M-73	2400.7	25.5	2880.8	30.6	3841.1	40.8	9.6	3854.0	51.0
		115	M-74	2340.1	28.8	2808.1	34.5	3744.2	46.0	8.3	4680.2	57.5
		127	M-75	2241.8	31.8	2690.2	38.1	3586.9	50.8	7.2	4483.6	63.5
		139	M-76	2317.3	34.8	2780.8	41.7	3707.7	55.6	6.8	4634.6	69.5
		152	M-77	2273.2	38.0	2727.8	45.6	3637.1	60.8	6.1	4546.4	76.0
		178	M-79	2312.9	44.5	2775.5	53.4	3700.6	71.2	5.3	4625.8	89.0
		203	M-80	2239.6	50.8	2687.5	60.9	3583.3	81.2	4.5	4479.2	101.5
		254	M-82	2241.8	63.5	2690.2	76.2	3586.9	101.6	3.6	4483.6	127.0
		305	M-83	2168.5	76.3	2602.2	91.5	3469.6	122.0	2.9	4337.0	152.5
63	38	76	M-84	3596.1	19.0	4315.3	22.8	5753.8	30.4	19.3	7192.2	38.0
		89	M-85	3513.0	22.3	4215.6	26.7	5620.8	35.6	16.1	6947.0	44.0
		102	M-86	3350.9	25.5	4021.1	30.6	5361.5	40.8	13.4	6570.5	50.0
		115	M-87	3326.9	28.8	3992.3	34.5	5323.0	46.0	11.8	6596.0	57.0
		127	M-88	3269.3	31.8	3923.2	38.1	5230.9	50.8	10.5	6590.1	64.0
		152	M-89	3204.8	38.0	3845.8	45.6	5127.7	60.8	8.6	6494.0	77.0
		178	M-90	3185.7	44.5	3822.8	53.4	5097.1	71.2	7.3	6443.0	90.0
		203	M-91	3135.4	50.8	3762.5	60.9	5016.7	81.2	6.3	6301.8	102.0
		254	M-92	2989.1	63.5	3586.9	76.2	4782.5	101.6	4.8	6025.2	128.0
		305	M-93	2916.3	76.3	3499.5	91.5	4666.0	122.0	3.9	5889.9	154.0