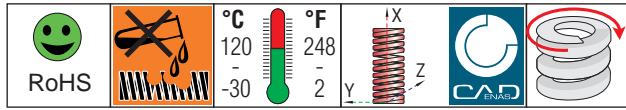
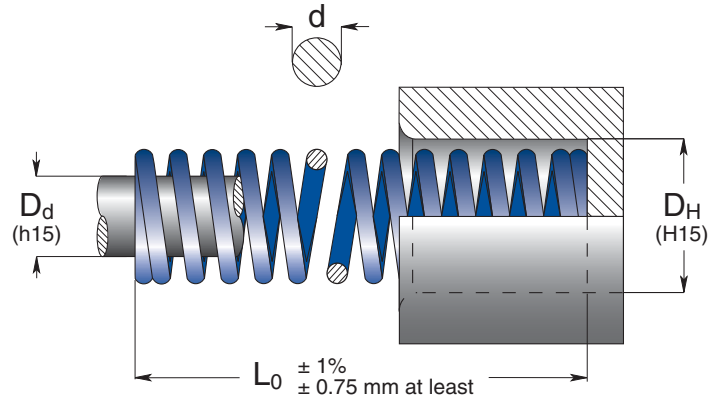


**EN** Medium load springs  
Blue color

**ES** Muelles carga mediana  
Color azul marino

**FR** Ressorts charge moyenne  
Couleur bleue



Round Wire Metric

Code	D <sub>H</sub> Hole Diameter	D <sub>d</sub> Rod Diameter	L <sub>0</sub> Free Length	R Spring Constant	A		B		C		D		E	Pcs
					25% L <sub>0</sub>	N	30% L <sub>0</sub>	N	33.75% L <sub>0</sub>	N	37.5% L <sub>0</sub>	N		
			± 10%	+ 3.000.000	~ 1.500.000	300 - 500.000	100 - 200.000	do not use						
			mm	N/mm	mm	N	mm	N	mm	N	mm	N	mm	
TB 10 - 025	10	5	25	12.3	6.3	77	7.5	92	8.4	104	9.4	115	10.4	50
TB 10 - 032			32	9.5	8.0	76	9.6	91	10.8	103	12.0	113	13.2	50
TB 10 - 038			38	7.8	9.5	74	11.4	88	12.8	100	14.3	111	16.0	50
TB 10 - 044			44	6.5	11.0	72	13.2	86	14.9	97	16.5	108	18.5	50
TB 10 - 051			51	5.6	12.8	72	15.3	86	17.2	96	19.1	108	21.1	25
TB 10 - 064			64	4.5	16.0	71	19.2	86	21.6	97	24.0	107	26.4	25
TB 10 - 076			76	3.7	19.0	70	22.8	84	25.7	95	28.5	105	31.8	25
TB 10 - 305			305	1.5	305	0.9	76.3	68	91.5	82	103	93	114	102
TB 13 - 025	12.5	6.3	25	21.7	6.3	136	7.5	163	8.4	183	9.4	204	11.2	50
TB 13 - 032			32	16.8	8.0	134	9.6	161	10.8	181	12.0	202	14.0	50
TB 13 - 038			38	13.8	9.5	131	11.4	158	12.8	177	14.3	197	17.3	50
TB 13 - 044			44	11.6	11.0	127	13.2	153	14.9	172	16.5	191	19.8	25
TB 13 - 051			51	10.0	12.8	127	15.3	153	17.2	172	19.1	191	22.9	25
TB 13 - 064			64	7.8	16.0	125	19.2	150	21.6	168	24.0	187	28.4	25
TB 13 - 076			76	6.4	19.0	122	22.8	146	25.7	164	28.5	183	34.3	25
TB 13 - 089			89	5.6	22.3	125	26.7	150	30.0	168	33.4	188	41.4	20
TB 13 - 305	305	1.8	305	1.5	76.3	118	91.5	141	103	154	114	176	139	10
TB 16 - 025	16	8	25	31.9	6.3	199	7.5	239	8.4	269	9.4	299	10.9	50
TB 16 - 032			32	24.0	8.0	192	9.6	230	10.8	259	12.0	288	13.7	50
TB 16 - 038			38	19.4	9.5	185	11.4	222	12.8	249	14.3	277	16.5	25
TB 16 - 044			44	16.1	11.0	177	13.2	213	14.9	239	16.5	266	19.3	25
TB 16 - 051			51	13.8	12.8	176	15.3	212	17.2	238	19.1	265	22.1	25
TB 16 - 064			64	10.7	16.0	171	19.2	205	21.6	231	24.0	256	27.4	25
TB 16 - 076			76	8.8	19.0	166	22.8	200	25.7	226	28.5	250	33.0	20
TB 16 - 089			89	7.5	22.3	167	26.7	200	30.0	225	33.4	250	38.6	20
TB 16 - 102	102	6.5	25.5	167	30.6	200	34.4	224	38.3	250	44.5	20		
TB 16 - 305	305	2.2	305	2.1	76.3	159	91.5	191	103	216	114	238	134	10