

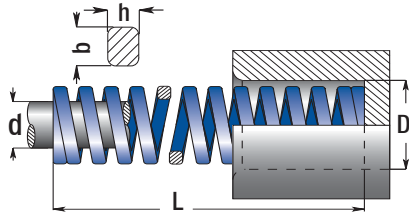
## Medium Load Spring

Code: MY



### Medium Load Spring ISO 10243 / Colour: Blue

Code: MY



By multiplying spring coefficient (R) with compression / load rate (mm) simply, spring force value is reached.  
Example: R x (A.B.C)

Nw - Newton = (0.102) Kgf

D Outer Dia.	d Rod Dia.	L Length	R Load Rate	A Long Life % 25	B Min. Deflect. % 30	C Max. Deflect. % 37.5	D Full Deflect. <small>(Nominal)</small>
b x h		mm	Nw.	mm	mm	mm	mm
10	5	25	16.0	6.30	7.50	9.40	10.2
		32	13.0	8.00	9.60	12.0	14.2
		38	11.9	9.50	11.4	14.3	16.8
		44	10.3	11.0	13.2	16.5	19.4
		51	8.90	12.8	15.3	19.1	23.4
		64	7.50	16.0	19.2	24.0	28.2
		76	5.30	19.0	22.8	28.5	34.2
1.9X1.3		305	1.60	76.3	91.5	114	134
13	6.3	25	30.0	6.30	7.50	9.40	11.9
		32	24.8	8.00	9.60	12.0	16.2
		38	21.4	9.50	11.4	14.3	18.7
		44	18.5	11.0	13.2	16.5	21.3
		51	15.5	12.8	15.3	19.1	25.6
		64	12.1	16.0	19.2	24.0	32.4
		76	10.2	19.0	22.8	28.5	39
		89	8.40	22.3	26.7	33.4	45.9
2.5X1.5		305	2.10	76.3	91.5	114	153
16	8	25	49.4	6.30	7.50	9.40	10.5
		32	37.1	8.00	9.60	12.0	13.2
		38	33.9	9.50	11.4	14.3	17.2
		44	30.0	11.0	13.2	16.5	19.4
		51	26.4	12.8	15.3	19.1	24.2
		64	20.5	16.0	19.2	24.0	29.2
3.2x2.0		76	17.8	19.0	22.8	28.5	36.3

D Outer Dia.	d Rod Dia.	L Length	R Load Rate	A Long Life % 25	B Min. Deflect. % 30	C Max. Deflect. % 37.5	D Full Deflect. <small>(Nominal)</small>		
b x h		mm	Nw.	mm	mm	mm	mm		
16	8	89	15.2	22.3	26.7	33.4	41.7		
		102	13.5	25.5	30.6	38.3	48.9		
		115	11.8	28.8	34.5	43.1	53.1		
3.2x2.0		305	4.8	76.3	91.5	114	142		
20	10	25	98.0	6.30	7.50	9.40	10.5		
		32	72.6	8.00	9.60	12.0	13.9		
		38	56.0	9.50	11.4	14.3	16.6		
		44	47.5	11.0	13.2	16.5	18.8		
		51	41.7	12.8	15.3	19.1	23.1		
		64	32.3	16.0	19.2	24.0	27.5		
		76	25.1	19.0	22.8	28.5	33.8		
		89	22.0	22.3	26.7	33.4	39.7		
		102	19.8	25.5	30.6	38.3	47.3		
		115	18.1	28.8	34.5	43.1	52.5		
25	12.5	127	16.6	31.8	38.1	47.6	56.9		
		139	15.1	35.0	42.0	52.5	62.1		
		152	13.2	38.0	45.6	57.0	67.6		
		4.1X2.4		305	6.1	76.3	91.5	114	143
		32	16	25	147	6.30	7.50	9.4	10.2
32	118			8.00	9.60	12.0	13.7		
38	93.0			9.50	11.4	14.3	15.7		
44	80.8			11.0	13.2	16.5	18.2		
51	68.6			12.8	15.3	19.1	21.7		
64	53.0			16.0	19.2	24.0	26.0		
76	43.2			19.0	22.8	28.5	32.3		
89	38.2			22.3	26.7	33.4	38.0		
102	33.0			25.5	30.6	38.3	43.0		
115	28.0			28.8	34.5	43.1	48.6		
127	25.9			31.8	38.1	47.6	53.7		
139	23.2			35.0	42.0	52.5	59.4		
152	20.8			38.0	45.6	57.0	63.8		
178	17.8			44.5	53.4	66.8	76.6		
203	15.8			50.8	60.9	76.1	88.4		
5.4x3.3		305	10.2	76.3	91.5	114	135		
32	16	38	185	9.50	11.4	14.3	16.3		
		44	158	11.0	13.2	16.5	18.9		
		51	134	12.8	15.3	19.1	23.1		
		64	99.0	16.0	19.2	24.0	28.5		
		76	80.5	19.0	22.8	28.5	34.2		
		89	69.1	22.3	26.7	33.4	40.4		
		102	58.8	25.5	30.6	38.3	48.0		
		115	51.5	28.8	34.5	43.1	54.3		
		6.8x4.0		127	44.8	31.8	38.1	47.6	59.2

D Outer Dia.	d Rod Dia.	L Length	R Load Rate	A Long Life % 25	B Min. Deflect. % 30	C Max. Deflect. % 37.5	D Full Deflect. <small>(Nominal)</small>		
b x h		mm	Nw.	mm	mm	mm	mm		
32	16	139	42.3	35.0	42.0	52.5	65.3		
		152	37.8	38.0	45.6	57.0	73.0		
		178	32.5	44.5	53.4	66.8	84.5		
		203	28.9	50.8	60.9	76.1	96.9		
		254	21.4	63.5	76.2	95.3	121		
6.8x4.0		305	18.3	76.3	91.5	114	147		
40	20	51	182	12.8	15.3	19.1	21.4		
		64	140	16.0	19.2	24.0	26.8		
		76	108	19.0	22.8	28.5	32.7		
		89	90.7	22.3	26.7	33.4	39.0		
		102	81.0	25.5	30.6	38.3	44.1		
		115	71.8	28.8	34.5	43.1	50.6		
		127	62.7	31.8	38.1	47.6	55.9		
		139	57.5	35.0	42.0	52.5	61.8		
		152	51.6	38.0	45.6	57.0	67.5		
		178	44.1	44.5	53.4	66.8	77.2		
50	25	203	36.7	50.8	60.9	76.1	91.8		
		254	30.1	63.5	76.2	95.3	113		
		8.2X4.7		305	24.6	76.3	91.5	114	138
		63	38	64	209	16.0	19.2	24.0	28.2
				76	168	19.0	22.8	28.5	34.9
89	140			22.3	26.7	33.4	39.2		
102	119			25.5	30.6	38.3	47.3		
115	106			28.8	34.5	43.1	52.6		
127	97.0			31.8	38.1	47.6	59.8		
139	87.0			35.0	42.0	52.5	65.1		
152	80.0			38.0	45.6	57.0	70.8		
178	69.5			44.5	53.4	66.8	84.2		
11x5.8		305	38.6	76.3	91.5	114	147		
63	38	76	312	19.0	22.8	28.5	30.7		
		89	260	22.3	26.7	33.4	36.5		
		102	221	25.5	30.6	38.3	43.6		
		115	187	28.8	34.5	43.1	48.9		
		127	168	31.8	38.1	47.6	54.2		
		152	136	38.0	45.6	57.0	65.7		
		178	114	44.5	53.4	66.8	76.5		
63	38	203	100	50.8	60.9	76.1	88.0		
		229	89.2	57.3	68.7	85.9	104		
		254	78.4	63.5	76.2	95.3	112		
		11.5x9.1		305	64.7	76.3	91.5	114	134



Order: MY. D x L

Usage: It is compatible with injection mould / die systems and equipment designs.

Order Example:  
MY. 40 x 89

