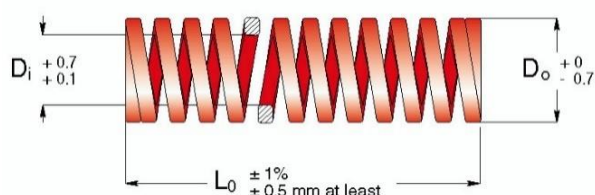


中荷重彈簧

TM 系列



Medium Load Springs

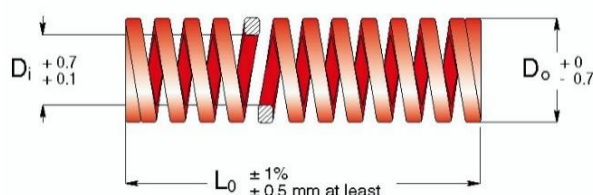
JIS B 5012

最大壓縮量 : 38% L₀

外徑 Do mm	內徑 Di mm	彈 簧 編 號	自由長 L ₀ mm	常數 R Kgf/mm ± 10%	壓縮 25.6 % L ₀		壓縮 28.8 % L ₀		壓縮 32 % L ₀		密實長 ⚠ (不建議 使用)
10	5	TM 10 x 20	20	3.13	5.1		5.8		6.4		7.6
		TM 10 x 25	25	2.50	6.4		7.2		8.0		9.5
		TM 10 x 30	30	2.08	7.7		8.6		9.6		11.4
		TM 10 x 35	35	1.78	9.0	16	10.1	18	11.2	20	13.3
		TM 10 x 40	40	1.56	10.2	(156.9)	11.5	(176.5)	12.8	(196.1)	15.2
		TM 10 x 45	45	1.38	11.5		13.0		14.4		17.1
		TM 10 x 50	50	1.25	12.8		14.4		16.0		19.0
		TM 10 x 55	55	1.13	14.1		15.8		17.6		20.9
12	6	TM 10 x 60	60	1.04	15.4		17.3		19.2		22.8
		TM 12 x 20	20	4.53	5.1		5.8		6.4		7.6
		TM 12 x 25	25	3.62	6.4		7.2		8.0		9.5
		TM 12 x 30	30	3.02	7.7		8.6		9.6		11.4
		TM 12 x 35	35	2.58	9.0	23	10.1	26	11.2	29	13.3
		TM 12 x 40	40	2.27	10.2	(226)	11.5	(255)	12.8	(284)	15.2
		TM 12 x 45	45	2.01	11.5		13.0		14.4		17.1
		TM 12 x 50	50	1.81	12.8		14.4		16.0		19.0
14	7	TM 12 x 55	55	1.64	14.1		15.8		17.6		20.9
		TM 12 x 60	60	1.51	15.4		17.3		19.2		22.8
		TM 14 x 25	25	4.87	6.4		7.2		8.0		9.5
		TM 14 x 30	30	4.06	7.7		8.6		9.6		11.4
		TM 14 x 35	35	3.48	9.0		10.1		11.2		13.3
		TM 14 x 40	40	3.04	10.2		11.5		12.8		15.2
		TM 14 x 45	45	2.70	11.5	31	13.0	35	14.4	39	17.1
		TM 14 x 50	50	2.43	12.8	(304)	14.4	(343)	16.0	(383)	19.0
16	8	TM 14 x 55	55	2.21	14.1		15.8		17.6		20.9
		TM 14 x 60	60	2.03	15.4		17.3		19.2		22.8
		TM 14 x 65	65	1.87	16.6		18.7		20.8		24.7
		TM 14 x 70	70	1.74	17.9		20.2		22.4		26.6
		TM 16 x 25	25	6.39	6.4		7.2		8.0		9.5
		TM 16 x 30	30	5.32	7.7		8.6		9.6		11.4
		TM 16 x 35	35	4.55	9.0	41	10.1	46	11.2	51	13.3
		TM 16 x 40	40	3.98	10.2	(402)	11.5	(451)	12.8	(500)	15.2
		TM 16 x 45	45	3.54	11.5		13.0		14.4		17.1
		TM 16 x 50	50	3.18	12.8		14.4		16.0		19.0
		TM 16 x 55	55	2.89	14.1		15.8		17.6		20.9

中荷重彈簧

TM 系列



Medium Load Springs

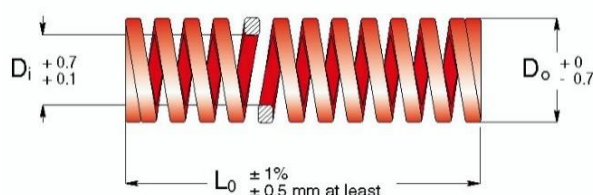
JIS B 5012

最大壓縮量 : 38% L_0

外徑 D_o mm	內徑 D_i mm	彈 簧 編 號	自由長 L_0 mm	常數 R Kg/mm $\pm 10\%$	壓縮 25.6 % L_0		壓縮 28.8 % L_0		壓縮 32 % L_0		密實長 (不建議使用)
16	8	TM 16 x 60	60	2.65	15.4		17.3		19.2		22.8
		TM 16 x 65	65	2.45	16.6	41	18.7	46	20.8	51	24.7
		TM 16 x 70	70	2.27	17.9	(402)	20.2	(451)	22.4	(500)	26.6
		TM 16 x 75	75	2.11	19.2		21.6		24.0		28.5
		TM 16 x 80	80	1.99	20.5		23.0		25.6		30.4
18	9	TM 18 x 25	25	8.12	6.4		7.2		8.0		9.5
		TM 18 x 30	30	6.77	7.7		8.6		9.6		11.4
		TM 18 x 35	35	5.80	9.0		10.1		11.2		13.3
		TM 18 x 40	40	5.07	10.2		11.5		12.8		15.2
		TM 18 x 45	45	4.51	11.5		13.0		14.4		17.1
		TM 18 x 50	50	4.06	12.8	52	14.4	58	16.0	65	19.0
		TM 18 x 55	55	3.69	14.1	(510)	15.8	(569)	17.6	(637)	20.9
		TM 18 x 60	60	3.38	15.4		17.3		19.2		22.8
		TM 18 x 65	65	3.12	16.6		18.7		20.8		24.7
		TM 18 x 70	70	2.90	17.9		20.2		22.4		26.6
		TM 18 x 75	75	2.70	19.2		21.6		24.0		28.5
		TM 18 x 80	80	2.53	20.5		23.0		25.6		30.4
20	10	TM 18 x 90	90	2.25	23.0		25.9		28.8		34.2
		TM 20 x 25	25	10.00	6.4		7.2		8.0		9.5
		TM 20 x 30	30	8.33	7.7		8.6		9.6		11.4
		TM 20 x 35	35	7.14	9.0		10.1		11.2		13.3
		TM 20 x 40	40	6.25	10.2		11.5		12.8		15.2
		TM 20 x 45	45	5.55	11.5		13.0		14.4		17.1
		TM 20 x 50	50	5.00	12.8		14.4		16.0		19.0
		TM 20 x 55	55	4.54	14.1	64	15.8	72	17.6	80	20.9
		TM 20 x 60	60	4.16	15.4	(628)	17.3	(706)	19.2	(785)	22.8
		TM 20 x 65	65	3.84	16.6		18.7		20.8		24.7
		TM 20 x 70	70	3.57	17.9		20.2		22.4		26.6
		TM 20 x 75	75	3.33	19.2		21.6		24.0		28.5
		TM 20 x 80	80	3.12	20.5		23.0		25.6		30.4
22	11	TM 20 x 90	90	2.77	23.0		25.9		28.8		34.2
		TM 20 x 100	100	2.50	25.6		28.8		32.0		38.0
		TM 22 x 25	25	12.13	6.4		7.2		8.0		9.5
		TM 22 x 30	30	10.10	7.7	78	8.6	87	9.6	97	11.4
		TM 22 x 35	35	8.65	9.0	(765)	10.1	(853)	11.2	(951)	13.3

中荷重彈簧

TM 系列



Medium Load Springs

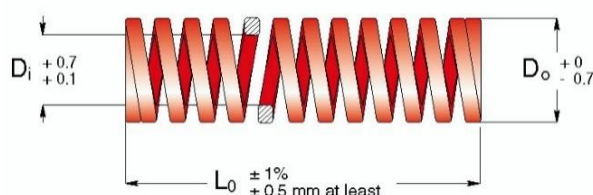
JIS B 5012

最大壓縮量 : 38% L₀

外徑 Do mm	內徑 Di mm	彈 簧 編 號	自由長 L ₀ mm	常數 R Kg/mm ± 10%	壓縮 25.6 % L ₀		壓縮 28.8 % L ₀		壓縮 32 % L ₀		密實長 ⚠ (不建議 使用)
22	11	TM 22 x 40	40	7.57	10.2		11.5		12.8		15.2
		TM 22 x 45	45	6.74	11.5		13.0		14.4		17.1
		TM 22 x 50	50	6.06	12.8		14.4		16.0		19.0
		TM 22 x 55	55	5.50	14.1		15.8		17.6		20.9
		TM 22 x 60	60	5.05	15.4		17.3		19.2		22.8
		TM 22 x 65	65	4.66	16.6	78	18.7	87	20.8	97	24.7
		TM 22 x 70	70	4.33	17.9	(765)	20.2	(853)	22.4	(951)	26.6
		TM 22 x 75	75	4.04	19.2		21.6		24.0		28.5
		TM 22 x 80	80	3.78	20.5		23.0		25.6		30.4
		TM 22 x 90	90	3.36	23.0		25.9		28.8		34.2
		TM 22 x 100	100	3.03	25.6		28.8		32.0		38.0
		TM 22 x 125	125	2.42	32.0		36.0		40.0		47.5
25	12.5	TM 25 x 25	25	15.63	6.4		7.2		8.0		9.5
		TM 25 x 30	30	13.02	7.7		8.6		9.6		11.4
		TM 25 x 35	35	11.20	9.0		10.1		11.2		13.3
		TM 25 x 40	40	9.76	10.2		11.5		12.8		15.2
		TM 25 x 45	45	8.68	11.5		13.0		14.4		17.1
		TM 25 x 50	50	7.81	12.8		14.4		16.0		19.0
		TM 25 x 55	55	7.10	14.1	100	15.8	112	17.6	125	20.9
		TM 25 x 60	60	6.51	15.4	(981)	17.3	(1098)	19.2	(1226)	22.8
		TM 25 x 65	65	6.00	16.6		18.7		20.8		24.7
		TM 25 x 70	70	5.58	17.9		20.2		22.4		26.6
		TM 25 x 80	80	4.88	20.5		23.0		25.6		30.4
		TM 25 x 90	90	4.34	23.0		25.9		28.8		34.2
		TM 25 x 100	100	3.90	25.6		28.8		32.0		38.0
		TM 25 x 125	125	3.12	32.0		36.0		40.0		47.5
27	13.5	TM 27 x 25	25	18.25	6.4		7.2		8.0		9.5
		TM 27 x 30	30	15.20	7.7		8.6		9.6		11.4
		TM 27 x 35	35	13.04	9.0		10.1		11.2		13.3
		TM 27 x 40	40	11.40	10.2		11.5		12.8		15.2
		TM 27 x 45	45	10.14	11.5	117	13.0	131	14.4	146	17.1
		TM 27 x 50	50	9.12	12.8	(1147)	14.4	(1285)	16.0	(1432)	19.0
		TM 27 x 55	55	8.30	14.1		15.8		17.6		20.9
		TM 27 x 60	60	7.60	15.4		17.3		19.2		22.8
		TM 27 x 65	65	7.00	16.6		18.7		20.8		24.7
		TM 27 x 70	70	6.51	17.9		20.2		22.4		26.6

中荷重彈簧

TM 系列



Medium Load Springs

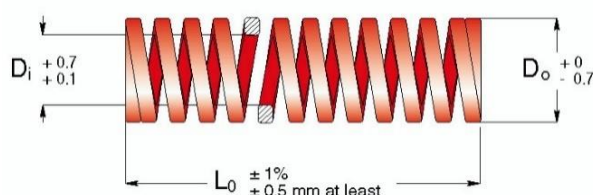
JIS B 5012

最大壓縮量 : 38% L_0

外徑 D_o mm	內徑 D_i mm	彈 簧 編 號	自由長 L_0 mm	常數 R Kgf/mm $\pm 10\%$	壓縮 25.6 % L_0		壓縮 28.8 % L_0		壓縮 32 % L_0		密實長 (不建議使用)
27	13.5	TM 27 x 75	75	6.08	19.2		21.6		24.0		28.5
		TM 27 x 80	80	5.70	20.5		23.0		25.6		30.4
		TM 27 x 90	90	5.06	23.0		25.9		28.8		34.2
		TM 27 x 100	100	4.56	25.6	117	28.8	131	32.0	146	38.0
		TM 27 x 125	125	3.65	32.0	(1147)	36.0	(1285)	40.0	(1432)	47.5
		TM 27 x 150	150	3.04	38.4		43.2		48.0		57.0
30	15	TM 30 x 25	25	22.50	6.4		7.2		8.0		9.5
		TM 30 x 30	30	18.75	7.7		8.6		9.6		11.4
		TM 30 x 35	35	16.10	9.0		10.1		11.2		13.3
		TM 30 x 40	40	14.06	10.2		11.5		12.8		15.2
		TM 30 x 45	45	12.50	11.5		13.0		14.4		17.1
		TM 30 x 50	50	11.25	12.8		14.4		16.0		19.0
		TM 30 x 55	55	10.23	14.1		15.8		17.6		20.9
		TM 30 x 60	60	9.37	15.4	144	17.3	161	19.2	180	22.8
		TM 30 x 65	65	8.65	16.6	(1412)	18.7	(1579)	20.8	(1765)	24.7
		TM 30 x 70	70	8.03	17.9		20.2		22.4		26.6
		TM 30 x 75	75	7.50	19.2		21.6		24.0		28.5
		TM 30 x 80	80	7.03	20.5		23.0		25.6		30.4
		TM 30 x 90	90	6.25	23.0		25.9		28.8		34.2
		TM 30 x 100	100	5.62	25.6		28.8		32.0		38.0
		TM 30 x 125	125	4.50	32.0		36.0		40.0		47.5
		TM 30 x 150	150	3.75	38.4		43.2		48.0		57.0
		TM 30 x 175	175	3.21	44.8		50.4		56.0		66.5
35	17.5	TM 35 x 40	40	19.14	10.2		11.5		12.8		15.2
		TM 35 x 45	45	17.01	11.5		13.0		14.4		17.1
		TM 35 x 50	50	15.31	12.8		14.4		16.0		19.0
		TM 35 x 55	55	13.92	14.1		15.8		17.6		20.9
		TM 35 x 60	60	12.76	15.4		17.3		19.2		22.8
		TM 35 x 65	65	11.77	16.6	195	18.7	220	20.8	245	24.7
		TM 35 x 70	70	10.93	17.9	(1912)	20.2	(2160)	22.4	(2400)	26.6
		TM 35 x 75	75	10.20	19.2		21.6		24.0		28.5
		TM 35 x 80	80	9.57	20.5		23.0		25.6		30.4
		TM 35 x 100	100	7.65	25.6		28.8		32.0		38.0
		TM 35 x 125	125	6.12	32.0		36.0		40.0		47.5
		TM 35 x 150	150	5.10	38.4		43.2		48.0		57.0

中荷重彈簧

TM 系列



Medium Load Springs

JIS B 5012

最大壓縮量 : 38% L₀

外徑 Do mm	內徑 Di mm	彈 簧 編 號	自由長 L ₀ mm	常數 R Kgf/mm ± 10%	壓縮 25.6 % L ₀		壓縮 28.8 % L ₀		壓縮 32 % L ₀		密實長 ⚠ (不建議 使用)
35	17.5	TM 35 x 175	175	4.37	44.8	195	50.4	220	56.0	245	66.5
		TM 35 x 200	200	3.82	51.2	(1912)	57.6	(2160)	64.0	(2400)	76.0
40	20	TM 40 x 50	50	20.00	12.8		14.4		16.0		19.0
		TM 40 x 60	60	16.60	15.4		17.3		19.2		22.8
		TM 40 x 70	70	14.28	17.9		20.2		22.4		26.6
		TM 40 x 80	80	12.50	20.5		23.0		25.6		30.4
		TM 40 x 90	90	11.11	23.0	256	25.9	288	28.8	320	34.2
		TM 40 x 100	100	10.00	25.6	(2510)	28.8	(2820)	32.0	(3140)	38.0
		TM 40 x 125	125	8.00	32.0		36.0		40.0		47.5
		TM 40 x 150	150	6.66	38.4		43.2		48.0		57.0
		TM 40 x 175	175	5.71	44.8		50.4		56.0		66.5
		TM 40 x 200	200	5.00	51.2		57.6		64.0		76.0
		TM 40 x 250	250	4.00	64.0		72.0		80.0		95.0
50	25	TM 50 x 60	60	26.04	15.4		17.3		19.2		22.8
		TM 50 x 70	70	22.32	17.9		20.2		22.4		26.6
		TM 50 x 80	80	19.53	20.5		23.0		25.6		30.4
		TM 50 x 90	90	17.36	23.0		25.9		28.8		34.2
		TM 50 x 100	100	15.62	25.6	400	28.8	450	32.0	500	38.0
		TM 50 x 125	125	12.50	32.0	(3920)	36.0	(4410)	40.0	(4900)	47.5
		TM 50 x 150	150	10.41	38.4		43.2		48.0		57.0
		TM 50 x 175	175	8.92	44.8		50.4		56.0		66.5
		TM 50 x 200	200	7.81	51.2		57.6		64.0		76.0
		TM 50 x 250	250	6.25	64.0		72.0		80.0		95.0
		TM 50 x 300	300	5.20	76.8		86.4		96.0		114.0
60	30	TM 60 x 70	70	32.10	17.9		20.2		22.4		26.6
		TM 60 x 80	80	28.12	20.5		23.0		25.6		30.4
		TM 60 x 90	90	25.00	23.0		25.9		28.8		34.2
		TM 60 x 100	100	22.50	25.6	575	28.8	648	32.0	720	38.0
		TM 60 x 125	125	18.00	32.0	(5640)	36.0	(6350)	40.0	(7060)	47.5
		TM 60 x 150	150	15.00	38.4		43.2		48.0		57.0
		TM 60 x 175	175	12.85	44.8		50.4		56.0		66.5
		TM 60 x 200	200	11.25	51.2		57.6		64.0		76.0
		TM 60 x 250	250	9.00	64.0		72.0		80.0		95.0
		TM 60 x 300	300	7.50	76.8		86.4		96.0		114.0