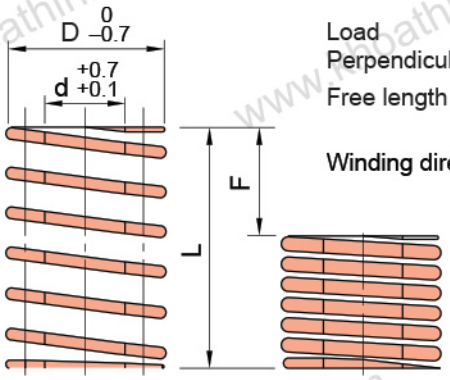
SM MEDIUM LOAD SPRINGS (中荷重彈簧)

MEDIUM LOAD HUAN SIN COMPANY LIMITED



Load : ±10%
Perpendicularity : 2°or less
Free length L : 50 or less ±0.5mm
: 55 or more ±1%
Winding direction : right

Model 呼稱	Outer Dia 外徑 (mm)	Inner Dia 內徑 (mm)	Free Length 自由長 (mm)	Spring Const 定數 (kgf/mm)	0.3 million 30萬		0.5 million 50萬		1 million 100萬	
					Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)
SM 8 × 10	8	4	10	4.34	3.2	14	2.9	12.5	2.6	11
15			15	2.89	4.8		4.3		3.8	
20			20	2.17	6.4		5.8		5.1	
25			25	1.74	8.0		7.2		6.4	
30			30	1.45	9.6		8.6		7.7	
35			35	1.24	11.2		10.1		9.0	
40			40	1.09	12.8		11.5		10.2	
45			45	0.97	14.4		13.0		11.5	
50			50	0.87	16.0		14.4		12.8	
55			55	0.79	17.6		15.8		14.1	
60			60	0.72	19.2		17.3		15.4	
65			65	0.67	20.8		18.7		16.6	
70			70	0.62	22.4		20.2		17.9	
75			75	0.58	24.0		21.6		19.2	
80			80	0.54	25.6		23.0		20.5	
90			90	0.48	28.8		25.9		23.0	
SM 10 × 10	10	5	10	6.21	3.2	20	2.9	18	2.6	16
15			15	4.09	4.8		4.4		3.8	
20			20	3.13	6.4		5.8		5.1	
25			25	2.50	8.0		7.2		6.4	
30			30	2.08	9.6		8.6		7.7	
35			35	1.78	11.2		10.1		9.0	
40			40	1.56	12.8		11.5		10.2	
45			45	1.38	14.4		13.0		11.5	
50			50	1.25	16.0		14.4		12.8	
55			55	1.13	17.6		15.8		14.1	
60			60	1.04	19.2		17.3		15.4	
65			65	0.96	20.8		18.7		16.6	
70			70	0.89	22.4		20.2		17.9	
75			75	0.83	24.0		21.6		19.2	
80			80	0.78	25.6		23.0		20.5	
90			90	0.70	28.8		25.9		23.0	
100			100	0.63	32.0		28.8		25.6	

Model 呼稱	Outer Dia 外徑 (mm)	Inner Dia 內徑 (mm)	Free Length 自由長 (mm)	Spring Const 定數 (kgf/mm)	0.3 million 30萬		0.5 million 50萬		1 million 100萬	
					Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)
SM 12 × 20	12	6	20	4.53	6.4	29	5.8	26	5.1	23
25			25	3.62	8.0		7.2		6.4	
30			30	3.02	9.6		8.6		7.7	
35			35	2.58	11.2		10.1		9.0	
40			40	2.27	12.8		11.5		10.2	
45			45	2.01	14.4		13.0		11.5	
50			50	1.81	16.0		14.4		12.8	
55			55	1.64	17.6		15.8		14.1	
60			60	1.51	19.2		17.3		15.4	
65			65	1.39	20.8		18.7		16.6	
70			70	1.29	22.4		20.2		17.9	
75			75	1.20	24.0		21.6		19.2	
80			80	1.13	25.6		23.0		20.5	
90			90	1.01	28.8		25.9		23.0	
100			100	0.91	32.0		28.8		25.6	
SM 14 × 20	14	7	20	6.03	6.4	39	5.8	35	5.1	31
25			25	4.87	8.0		7.2		6.4	
30			30	4.06	9.6		8.6		7.7	
35			35	3.48	11.2		10.1		9.0	
40			40	3.04	12.8		11.5		10.2	
45			45	2.70	14.4		13.0		11.5	
50			50	2.43	16.0		14.4		12.8	
55			55	2.21	17.6		15.8		14.1	
60			60	2.03	19.2		17.3		15.4	
65			65	1.87	20.8		18.7		16.6	
70			70	1.74	22.4		20.2		17.9	
75			75	1.62	24.0		21.6		19.2	
80			80	1.52	25.6		23.0		20.5	
90			90	1.35	28.8		25.9		23.0	
100			100	1.22	32.0		28.8		25.6	
125			125	0.97	40.0		36.0		32.0	
SM 16 × 20	16	8	20	7.93	6.4	51	5.8	46	5.1	41
25			25	6.39	8.0		7.2		6.4	
30			30	5.32	9.6		8.6		7.7	
35			35	4.55	11.2		10.1		9.0	
40			40	3.98	12.8		11.5		10.2	
45			45	3.54	14.4		13.0		11.5	
50			50	3.18	16.0		14.4		12.8	
55			55	2.89	17.6		15.8		14.1	
60			60	2.65	19.2		17.3		15.4	
65			65	2.45	20.8		18.7		16.6	
70			70	2.27	22.4		20.2		17.9	
75			75	2.11	24.0		21.6		19.2	
80			80	1.99	25.6		23.0		20.5	
90			90	1.77	28.8		25.9		23.0	
100			100	1.59	32.0		28.8		25.6	
125			125	1.28	40.0		36.0		32.0	

Model 呼稱	Outer Dia 外徑 (mm)	Inner Dia 內徑 (mm)	Free Length 自由長 (mm)	Spring Const 定數 (kgf/mm)	0.3 million 30萬		0.5 million 50萬		1 million 100萬	
					Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)
SM 18 × 20	18	9	20	10.00	6.4	65	5.8	58	5.1	52
25			25	8.12	8.0		7.2		6.4	
30			30	6.77	9.6		8.6		7.7	
35			35	5.80	11.2		10.1		9.0	
40			40	5.07	12.8		11.5		10.2	
45			45	4.51	14.4		13.0		11.5	
50			50	4.06	16.0		14.4		12.8	
55			55	3.69	17.6		15.8		14.1	
60			60	3.38	19.2		17.3		15.4	
65			65	3.12	20.8		18.7		16.6	
70			70	2.90	22.4		20.2		17.9	
75			75	2.70	24.0		21.6		19.2	
80			80	2.53	25.6		23.0		20.5	
90			90	2.25	28.8		25.9		23.0	
100			100	2.02	32.0		28.8		25.6	
125			125	1.62	40.0		36.0		32.0	
SM 20 × 20	20	10	20	12.41	6.4	80	5.8	72	5.1	64
25			25	10.00	8.0		7.2		6.4	
30			30	8.33	9.6		8.6		7.7	
35			35	7.14	11.2		10.1		9.0	
40			40	6.25	12.8		11.5		10.2	
45			45	5.55	14.4		13.0		11.5	
50			50	5.00	16.0		14.4		12.8	
55			55	4.54	17.6		15.8		14.1	
60			60	4.16	19.2		17.3		15.4	
65			65	3.84	20.8		18.7		16.6	
70			70	3.57	22.4		20.2		17.9	
75			75	3.33	24.0		21.6		19.2	
80			80	3.12	25.6		23.0		20.5	
90			90	2.77	28.8		25.9		23.0	
100			100	2.50	32.0		28.8		25.6	
125			125	2.00	40.0		36.0		32.0	
150			150	1.67	48.0		43.2		38.4	
175			175	1.43	56.0		50.4		44.8	
SM 22 × 25	22	11	25	12.13	8.0	97	7.2	87	6.4	78
30			30	10.10	9.6		8.6		7.7	
35			35	8.65	11.2		10.1		9.0	
40			40	7.57	12.8		11.5		10.2	
45			45	6.74	14.4		13.0		11.5	
50			50	6.06	16.0		14.4		12.8	
55			55	5.50	17.6		15.8		14.1	
60			60	5.05	19.2		17.3		15.4	
65			65	4.66	20.8		18.7		16.6	
70			70	4.33	22.4		20.2		17.9	
75			75	4.04	24.0		21.6		19.2	
80			80	3.78	25.6		23.0		20.5	
90			90	3.36	28.8		25.9		23.0	
100			100	3.03	32.0		28.8		25.6	
125			125	2.42	40.0		36.0		32.0	
150			150	2.01	48.0		43.2		38.4	
175			175	1.73	56.0		50.4		44.8	

Model 呼稱	Outer Dia 外徑 (mm)	Inner Dia 內徑 (mm)	Free Length 自由長 (mm)	Spring Const 定數 (kgf/mm)	0.3 million 30萬		0.5 million 50萬		1 million 100萬	
					Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)
SM 25 × 25	25	12.5	25	15.63	8.0	125	7.2	112	6.4	100
30			30	13.02	9.6		8.6		7.7	
35			35	11.20	11.2		10.1		9.0	
40			40	9.76	12.8		11.5		10.2	
45			45	8.68	14.4		13.0		11.5	
50			50	7.81	16.0		14.4		12.8	
55			55	7.10	17.6		15.8		14.1	
60			60	6.51	19.2		17.3		15.4	
65			65	6.00	20.8		18.7		16.6	
70			70	5.58	22.4		20.2		17.9	
75			75	5.21	24.0		21.6		19.2	
80			80	4.88	25.6		23.0		20.5	
90			90	4.34	28.8		25.9		23.0	
100			100	3.90	32.0		28.8		25.6	
125			125	3.12	40.0		36.0		32.0	
150			150	2.60	48.0		43.2		38.4	
175			175	2.23	56.0		50.4		44.8	
200			200	1.95	64.0		57.6		51.2	
SM 27 × 25	27	13.5	25	18.25	8.0	146	7.2	131	6.4	117
30			30	15.20	9.6		8.6		7.7	
35			35	13.04	11.2		10.1		9.0	
40			40	11.40	12.8		11.5		10.2	
45			45	10.14	14.4		13.0		11.5	
50			50	9.12	16.0		14.4		12.8	
55			55	8.30	17.6		15.8		14.1	
60			60	7.60	19.2		17.3		15.4	
65			65	7.00	20.8		18.7		16.6	
70			70	6.51	22.4		20.2		17.9	
75			75	6.08	24.0		21.6		19.2	
80			80	5.70	25.6		23.0		20.5	
90			90	5.06	28.8		25.9		23.0	
100			100	4.56	32.0		28.8		25.6	
125			125	3.65	40.0		36.0		32.0	
150			150	3.04	48.0		43.2		38.4	
175			175	2.61	56.0		50.4		44.8	
200			200	2.28	64.0		57.6		51.2	
SM 30 × 25	30	15	25	22.50	8.0	180	7.2	161	6.4	144
30			30	18.75	9.6		8.6		7.7	
35			35	16.10	11.2		10.1		9.0	
40			40	14.60	12.8		11.5		10.2	
45			45	12.50	14.4		13.0		11.5	
50			50	11.25	16.0		14.4		12.8	
55			55	10.23	17.6		15.8		14.1	
60			60	9.37	19.2		17.3		15.4	
65			65	8.65	20.8		18.7		16.6	
70			70	8.03	22.4		20.2		17.9	
75			75	7.50	24.0		21.6		19.2	
80			80	7.03	25.6		23.0		20.5	
90			90	6.25	28.8		25.9		23.0	
100			100	5.62	32.0		28.8		25.6	
125			125	4.50	40.0		36.0		32.0	

Model 呼稱	Outer Dia 外徑 (mm)	Inner Dia 內徑 (mm)	Free Length 自由長 (mm)	Spring Const 定數 (kgf/mm)	0.3 million 30萬		0.5 million 50萬		1 million 100萬	
					Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)
SM 30 × 150	30	15	150	3.75	48.0	180	43.2	161	38.4	144
175			175	3.21	56.0		50.4		44.8	
200			200	2.81	64.0		57.6		51.2	
SM 35 × 35	35	17.5	35	21.87	11.2	245	10.1	220	9.0	195
40			40	19.14	12.8		11.5		10.2	
45			45	17.01	14.4		13.0		11.5	
50			50	15.31	16.0		14.4		12.8	
55			55	13.92	17.6		15.8		14.1	
60			60	12.76	19.2		17.3		15.4	
65			65	11.77	20.8		18.7		16.6	
75			70	10.93	22.4		20.2		17.9	
70			75	10.20	24.0		21.6		19.2	
80			80	9.57	25.6		23.0		20.5	
90			90	8.50	28.8		25.9		23.0	
100			100	7.65	32.0		28.8		25.6	
125			125	6.12	40.0		36.0		32.0	
150			150	5.10	48.0		43.2		38.4	
175			175	4.37	56.0		50.4		44.8	
200			200	3.82	64.0		57.6		51.2	
SM 40 × 40	40	20	40	25.02	12.8	320	11.5	288	10.2	256
45			45	22.26	14.4		13.0		11.5	
50			50	20.00	16.0		14.4		12.8	
55			55	18.15	17.6		15.8		14.1	
60			60	16.60	19.2		17.3		15.4	
65			65	15.40	20.8		18.7		16.6	
70			70	14.28	22.4		20.2		17.9	
75			75	13.34	24.0		21.6		19.2	
80			80	12.50	25.6		23.0		20.5	
90			90	11.11	28.8		25.9		23.0	
100			100	10.00	32.0		28.8		25.6	
125			125	8.00	40.0		36.0		32.0	
150			150	6.66	48.0		43.2		38.4	
175			175	5.71	56.0		50.4		44.8	
200			200	5.00	64.0		57.6		51.2	
225			225	4.44	72.0		64.8		57.6	
250			250	4.00	80.0		72.0		64.0	
275			275	3.64	88.0		79.2		70.4	
300			300	3.33	96.0		86.4		76.8	
SM 50 × 50	50	25	50	31.25	16.0	500	14.4	450	12.8	400
55			55	28.41	17.6		15.8		14.1	
60			60	26.04	19.2		17.3		15.4	
65			65	24.04	20.8		18.7		16.6	
70			70	22.32	22.4		20.2		17.9	
75			75	20.83	24.0		21.6		19.2	
80			80	19.53	25.6		23.0		20.5	
90			90	17.36	28.8		25.9		23.0	
100			100	15.62	32.0		28.8		25.6	
125			125	12.50	40.0		36.0		32.0	
150			150	10.41	48.0		43.2		38.4	
175			175	8.92	56.0		50.4		44.8	
200			200	7.81	64.0		57.6		51.2	

SM MEDIUM LOAD SPRINGS (中荷重彈簧)

MEDIUM LOAD HUAN SIN COMPANY LIMITED

Model 呼稱	Outer Dia 外徑 (mm)	Inner Dia 內徑 (mm)	Free Length 自由長 (mm)	Spring Const 定數 (kgf/mm)	0.3 million 30萬		0.5 million 50萬		1 million 100萬	
					Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)	Deflection 變形量 (mm)	Load 荷重 kgf(N)
SM 50 × 225	50	25	225	6.94	72.0	500	64.8	450	57.6	400
250			250	6.25	80.0		72.0		64.0	
275			275	5.68	88.0		79.2		70.4	
300			300	5.20	96.0		86.4		76.8	
350			350	4.46	112.0		100.8		89.6	
SM 60 × 60	60	30	60	37.40	19.2	720	17.3	648	15.4	575
70			70	32.10	22.4		20.2		17.9	
80			80	28.12	25.6		23.0		20.5	
90			90	25.00	28.8		25.9		23.0	
100			100	22.50	32.0		28.8		25.6	
125			125	18.00	40.0		36.0		32.0	
150			150	15.00	48.0		43.2		38.4	
175			175	12.85	56.0		50.4		44.8	
200			200	11.25	64.0		57.6		51.2	
225			225	10.00	72.0		64.8		57.6	
250			250	9.00	80.0		72.0		64.0	
275			275	8.18	88.0		79.2		70.4	
300			300	7.50	96.0		86.4		76.8	
350			350	6.43	112.0		100.8		89.6	

www.khoathinh.com