

弹簧尺寸价格表

单位: 元/条

规格(modle) 外径×内径×长度 D _H ×D _d ×L ₀	价格	刚度	压缩量 deflection 32% 1.000.000		压缩量 deflection 36% 500.000		压缩量 deflection 40% 300.000	
			mm	RMB	kgf/mm	mm	Kgf{N}	mm
SL14×7×25	7.0	2.80	8.0		9.0		10.0	
30	7.8	2.34	9.6	22 {216}	10.8	25 {245}	12.0	28 {275}
35	8.6	2.00	11.2		12.6		14.0	
40	9.4	1.75	12.8		14.4		16.0	
45	10.2	1.56	14.4		16.2		18.0	
50	11.0	1.40	16.0		18.0		20.0	
55	11.8	1.27	17.6		19.8		22.0	
60	12.6	1.17	19.2		21.6		24.0	
65	13.4	1.08	20.8		23.4		26.0	
70	14.2	1.00	22.4		25.2		28.0	
75	15.0	0.93	24.0		27.0		30.0	
80	16.8	0.87	25.6	28.8	32.0			
90	18.2	0.77	28.8	32.4	36.0			
SL16×8×25	7.4	3.50	8.0	28 {275}	9.0	32 {314}	10.0	35 {343}
30	8.2	2.92	9.6		10.8		12.0	
35	9.0	2.50	11.2		12.6		14.0	
40	9.8	2.19	12.8		14.4		16.0	
45	10.6	1.95	14.4		16.2		18.0	
50	11.4	1.75	16.0		18.0		20.0	
55	12.2	1.60	17.6		19.8		22.0	
60	13.0	1.46	19.2		21.6		24.0	
65	13.8	1.35	20.8		23.4		26.0	
70	14.6	1.25	22.4		25.2		28.0	
75	15.4	1.17	24.0	27.0	30.0			
80	16.2	1.10	25.6	28.8	32.0			
90	17.8	0.98	28.8	32.4	36.0			
100	20.2	0.88	32.0	36.0	40.0			
SL18×9×25	8.2	4.30	8.0	34 {333}	9.0	39 {382}	10.0	43 {422}
30	9.0	3.58	9.6		10.8		12.0	
35	9.8	3.07	11.2		12.6		14.0	
40	10.6	2.69	12.8		14.4		16.0	
45	11.4	2.39	14.4		16.2		18.0	
50	12.2	2.15	16.0		18.0		20.0	
55	13.0	1.96	17.6		19.8		22.0	
60	13.8	1.79	19.2		21.6		24.0	
65	14.6	1.66	20.8		23.4		26.0	
70	15.4	1.54	22.4		25.2		28.0	
75	16.2	1.44	24.0	27.0	30.0			
80	17.0	1.35	25.6	28.8	32.0			
90	18.6	1.20	28.8	32.4	36.0			
100	20.6	1.07	32.0	36.0	40.0			
SL20×10×25	9.4	5.40	8.0	43 {422}	9.0	49 {481}	10.0	54 {530}
30	10.2	4.50	9.6		10.8		12.0	
35	11.0	3.86	11.2		12.6		14.0	
40	11.8	3.38	12.8		14.4		16.0	
45	12.6	3.00	14.4		16.2		18.0	
50	13.4	2.70	16.0		18.0		20.0	
55	14.2	2.45	17.6		19.8		22.0	
60	15.0	2.25	19.2		21.6		24.0	
65	15.8	2.08	20.8		23.4		26.0	
70	16.6	1.93	22.4		25.2		28.0	
75	17.4	1.80	24.0	27.0	30.0			
80	18.2	1.69	25.6	28.8	32.0			
90	19.8	1.50	28.8	32.4	36.0			
100	22.6	1.35	32.0	36.0	40.0			
125	26.6	1.08	40.0	45.0	50.0			
150	30.6	0.90	48.0	54.0	60.0			
SL22×11×25	10.2	6.70	8.0	54 {530}	9.0	60 {588}	10.0	67 {657}
30	11.4	5.60	9.6		10.8		12.0	
35	12.6	4.80	11.2		12.6		14.0	
40	13.8	4.20	12.8		14.4		16.0	

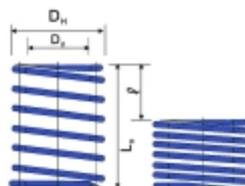
1N=0.102kgf

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单位: 元/条

规格(modle) 外径×内径×长度 D _H ×D _d ×L ₀	价格	刚度	压缩量 deflection 32% 1.000.000		压缩量 deflection 36% 500.000		压缩量 deflection 40% 300.000	
			mm	RMB	kgf/mm	mm	Kgf{N}	mm
SL22×11×45	15.0	3.72	14.4	54 {530}	16.2	60 {588}	18.0	67 {657}
50	16.2	3.35	16.0		18.0		20.0	
55	17.4	3.05	17.6		19.8		22.0	
60	18.6	2.80	19.2		21.6		24.0	
65	19.8	2.58	20.8		23.4		26.0	
70	21.4	2.40	22.4		25.2		28.0	
75	22.0	2.23	24.0		27.0		30.0	
80	24.6	2.10	25.6		28.8		32.0	
90	26.6	1.86	28.8		32.4		36.0	
100	29.0	1.68	32.0		36.0		40.0	
125	35.4	1.34	40.0	45.0	50.0			
150	41.8	1.12	48.0	54.0	60.0			
SL25×12.5×25	11.2	8.40	8.0	67 {657}	9.0	75 {735}	10.0	84 {824}
30	12.4	7.00	9.6		10.8		12.0	
35	13.6	6.00	11.2		12.6		14.0	
40	14.8	5.25	12.8		14.4		16.0	
45	16.0	4.67	14.4		16.2		18.0	
50	17.2	4.20	16.0		18.0		20.0	
55	18.4	3.82	17.6		19.8		22.0	
60	19.6	3.50	19.2		21.6		24.0	
65	21.8	3.23	20.8		23.4		26.0	
70	23.0	3.00	22.4		25.2		28.0	
75	24.2	2.80	24.0	27.0	30.0			
80	25.4	2.63	25.6	28.8	32.0			
90	27.8	2.33	28.8	32.4	36.0			
100	30.2	2.10	32.0	36.0	40.0			
125	37.0	1.68	40.0	45.0	50.0			
150	43.4	1.40	48.0	54.0	60.0			
175	49.8	1.20	56.0	63.0	70.0			
SL27×13.5×25	11.8	10.0	8.0	80 {784.5}	9.0	90 {882.6}	10.0	100 {980.7}
30	13.4	8.33	9.6		10.8		12.0	
35	15.0	7.14	11.2		12.6		14.0	
40	16.2	6.25	12.8		14.4		16.0	
45	17.8	5.55	14.4		16.2		18.0	
50	19.4	5.00	16.0		18.0		20.0	
55	21.4	4.55	17.6		19.8		22.0	
60	23.0	4.17	19.2		21.6		24.0	
65	24.6	3.85	20.8		23.4		26.0	
70	26.2	3.57	22.4		25.2		28.0	
75	27.8	3.33	24.0	27.0	30.0			
80	29.4	3.13	25.6	28.8	32.0			
90	32.6	2.78	28.8	32.4	36.0			
100	35.8	2.50	32.0	36.0	40.0			
125	44.6	2.00	40.0	45.0	50.0			
150	53.0	1.67	48.0	54.0	60.0			
175	61.0	1.43	56.0	63.0	70.0			
SL30×15×25	14.6	11.21	8.0	97 {951}	9.0	109 {1069}	10.0	121 {1187}
30	16.0	10.08	9.6		10.8		12.0	
35	17.6	8.65	11.2		12.6		14.0	
40	19.4	7.56	12.8		14.4		16.0	
45	22.2	6.73	14.4		16.2		18.0	
50	24.2	6.05	16.0		18.0		20.0	
55	25.8	5.50	17.6		19.8		22.0	
60	27.4	5.04	19.2		21.6		24.0	
65	29.0	4.65	20.8		23.4		26.0	
70	30.6	4.32	22.4		25.2		28.0	
75	32.2	4.03	24.0	27.0	30.0			
80	33.8	3.78	25.6	28.8	32.0			
90	37.0	3.36	28.8	32.4	36.0			
100	40.2	3.02	32.0	36.0	40.0			
125	50.6	2.42	40.0	45.0	50.0			

1N=0.102kgf



注文方法: SL・8×15=100
数字 外径, 内径, 长度

公制(日本)标准模具弹簧

Metric(japanese) standards molding springs

SL轻荷重(蓝色) SL Lighter load(Blue)

荷重计算方法

弹簧刚度kgf/mm×ℓ(压缩量)=kgf(荷重) 例:代号SL8×15(30万回时)

刚度kgf/mm×ℓ(压缩量)=kgf(荷重)
 1.87×6=10

SL弹簧使用回数与压缩比的关系

种类/使用回数	100万回	50万回	20万回	最大压缩量
SL	自由长, 约12%	自由长, 约38%	自由长, 约10%	自由长, 约48%

弹簧尺寸价格表

单位: 元/条

规格(modle) 外径×内径×长度 D _n ×D _s ×L _s	价格	刚度	压缩量 deflection 32% 1,000,000		压缩量 deflection 36% 500,000		压缩量 deflection 40% 300,000				
			ℓ/mm	Kgf(N)	ℓ/mm	Kgf(N)	ℓ/mm	Kgf(N)			
SL6×3×10	5.0	2.00	3.2	6.40 {62.7}	3.6	7.20 {70.6}	4.0	8.00 {78.4}			
15	5.0	1.33	4.8		5.4		6.0				
20	5.5	1.00	6.4		7.2		8.0				
25	5.5	0.80	8.0		9.0		10.0				
30	6.0	0.67	9.6		10.8		12.0				
35	6.0	0.57	11.2		12.6		14.0				
40	7.0	0.50	12.8		14.4		16.0				
45	7.0	0.44	14.4		16.2		18.0				
50	7.5	0.40	16.0		18.0		20.0				
55	8.0	0.36	17.6		19.8		22.0				
60	8.5	0.33	19.2		21.6		24.0				
SL8×4×10	4.5	2.50	3.2		8.00 {78.5}		3.6		9.00 {88.3}	4.0	10 {98.1}
15	4.5	1.67	4.8				5.4			6.0	
20	4.8	1.25	6.4				7.2			8.0	
25	5.2	1.00	8.0	9.0		10.0					
30	5.4	0.83	9.6	10.8		12.0					
35	5.7	0.71	11.2	12.6		14.0					
40	6.0	0.63	12.8	14.4		16.0					
45	6.3	0.56	14.4	16.2		18.0					
50	6.6	0.50	16.0	18.0		20.0					
55	6.9	0.46	17.6	19.8		22.0					
60	7.2	0.42	19.2	21.6		24.0					
SL10×5×20	4.9	1.81	6.4	11.5 {112.8}		7.2	13 {127.5}	8.0		14.5 {142.2}	
25	5.3	1.45	8.0			9.0		10.0			
30	5.6	1.21	9.6			10.8		12.0			
35	6.0	1.03	11.2		12.6	14.0					
40	6.4	0.90	12.8		14.4	16.0					
45	6.8	0.80	14.4		16.2	18.0					
50	7.2	0.73	16.0		18.0	20.0					
55	7.8	0.66	17.6		19.8	22.0					
60	8.2	0.60	19.2		21.6	24.0					
65	8.6	0.55	20.8		23.4	26.0					
70	9.0	0.51	22.4		25.2	28.0					
75	9.4	0.48	24.0		27.0	30.0					
80	9.8	0.45	25.6		28.8	32.0					
SL12×6×20	5.0	2.63	6.4		17 {166.7}	7.2		19 {186.3}	8.0		21 {206}
25	5.4	2.10	8.0	9.0		10.0					
30	5.8	1.75	9.6	10.8		12.0					
35	6.4	1.50	11.2	12.6		14.0					
40	6.8	1.32	12.8	14.4		16.0					
45	7.2	1.17	14.4	16.2		18.0					
50	7.8	1.05	16.0	18.0		20.0					
55	8.2	0.96	17.6	19.8		22.0					
60	8.6	0.88	19.2	21.6		24.0					
65	9.2	0.81	20.8	23.4		26.0					
70	9.6	0.75	22.4	25.2		28.0					
75	10.0	0.70	24.0	27.0		30.0					
80	10.4	0.66	25.6	28.8		32.0					

1N=0.102kgf

彈簧尺寸價格表

單位: 元/條

規格 (model) 外径 × 內徑 × 長度 $D_o \times D_i \times L_s$	價格	剛度	 壓縮量 deflection 32% 1,000,000	 壓縮量 deflection 36% 500,000	 壓縮量 deflection 40% 300,000			
mm	RMB	kgf/mm	f/mm	Kgf(N)	f/mm	Kgf(N)	f/mm	Kgf(N)
SL30×15×150	61.0	2.01	48.0	97 (951)	54.0	109 (1069)	60.0	121 (1187)
175	70.6	1.72	56.0		63.0		70.0	
200	81.4	1.51	64.0		72.0		80.0	
SL35×17.5×40	22.2	10.31	12.8		14.4		16.0	
45	24.2	9.17	14.4		16.2		18.0	
50	26.2	8.25	16.0		18.0		20.0	
55	28.2	7.50	17.6		19.8		22.0	
60	30.2	6.87	19.2		21.6		24.0	
65	32.2	6.35	20.8		23.4		26.0	
70	34.2	5.89	22.4		25.2		28.0	
75	36.2	5.50	24.0	132 (1294)	27.0	149 (1461)	30.0	165 (1618)
80	38.2	5.15	25.6		28.8		32.0	
90	43.0	4.58	28.8		32.4		36.0	
100	47.0	4.12	32.0		36.0		40.0	
125	58.8	3.30	40.0		45.0		50.0	
150	73.4	2.75	48.0		54.0		60.0	
175	87.4	2.35	56.0		63.0		70.0	
200	99.4	2.06	64.0		72.0		80.0	
SL40×20×40	29.0	13.5	12.8		14.4		16.0	
50	33.0	10.8	16.0		18.0		20.0	
60	38.6	9.00	19.2		21.6		24.0	
70	43.8	7.71	22.4		25.2		28.0	
80	48.6	6.75	25.6		28.8		32.0	
90	60.6	6.00	28.8	173 (1697)	32.4	194 (1902)	36.0	216 (2118)
100	69.0	5.40	32.0		36.0		40.0	
125	85.0	4.32	40.0		45.0		50.0	
150	99.0	3.60	48.0		54.0		60.0	
175	115.0	3.08	56.0		63.0		70.0	
200	129.0	2.70	64.0		72.0		80.0	
250	165.0	2.16	80.0		90.0		100.0	
SL50×25×50	40.6	16.89	16.0		18.0		20.0	
60	48.6	14.08	19.2		21.6		24.0	
70	55.9	12.07	22.4		25.2		28.0	
80	66.7	10.56	25.6		28.8		32.0	
90	76.3	9.38	28.8		32.4		36.0	
100	89.0	8.45	32.0		36.0		40.0	
125	107.0	6.76	40.0		45.0		50.0	
150	125.0	5.63	48.0		54.0		60.0	
175	141.0	4.82	56.0	270 (2648)	63.0	304 (2981)	70.0	338 (3315)
200	160.0	4.22	64.0		72.0		80.0	
250	197.0	3.38	80.0		90.0		100.0	
300	237.0	2.81	96.0		108.0		120.0	
350	277.6	2.41	112.0		126.0		140.0	
400	318.2	2.11	128.0		144.0		160.0	
450	358.8	1.88	144.0		162.0		180.0	
500	399.4	1.67	160.0		180.0		200.0	
SL60×30×60	67.9	20.25	19.2		21.6		24.0	
70	89.0	17.35	22.4		25.2		28.0	
80	107.0	15.18	25.6		28.8		32.0	
90	129.0	13.50	28.8		32.4		36.0	
100	157.0	12.15	32.0		36.0		40.0	
125	205.0	9.72	40.0		45.0		50.0	
150	245.0	8.10	48.0		54.0		60.0	
175	297.0	6.94	56.0	389 (3815)	63.0	437 (4286)	70.0	486 (4766)
200	333.0	6.07	64.0		72.0		80.0	
250	421.0	4.86	80.0		90.0		100.0	
300	501.0	4.05	96.0		108.0		120.0	
350	578.0	3.47	112.0		126.0		140.0	
400	658.0	3.04	128.0		144.0		160.0	
450	735.0	2.70	144.0		162.0		180.0	
500	715.0	2.43	160.0		180.0		200.0	

1N=0.102kgf