

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 19.2% 1.000.000	 压缩量 deflection 21.6% 500.000	 压缩量 deflection 24% 300.000			
mm	RMB	kgf/mm	ℓ/mm	Kgf{N}	ℓ/mm	Kgf{N}	ℓ/mm	Kgf{N}
SH14×7×25	8.6	9.83	4.8	47 {461}	5.4	53 {520}	6.0	59 {579}
30	9.2	8.19	5.8		6.5		7.2	
35	9.8	7.02	6.7		7.5		8.4	
40	10.8	6.14	7.7		8.6		9.6	
45	11.8	5.46	8.6		9.7		10.8	
50	12.8	4.91	9.6		10.8		12.0	
55	14.0	4.46	10.6		11.8		13.2	
60	15.2	4.09	11.5		13.0		14.4	
65	16.4	3.78	12.5		14.0		15.6	
70	17.6	3.51	13.4		15.1		16.8	
75	18.8	3.27	14.4		16.2		18.0	
80	20.2	3.07	15.4		17.3		19.2	
90	22.6	2.72	17.3		19.4		21.6	
SH16×8×25	9.5	12.83	4.8	62 {608}	5.4	69 {677}	6.0	77 {755}
30	10.4	10.69	5.8		6.5		7.2	
35	11.4	9.16	6.7		7.5		8.4	
40	12.2	8.02	7.7		8.6		9.6	
45	13.4	7.12	8.6		9.7		10.8	
50	14.4	6.41	9.6		10.8		12.0	
55	15.4	5.83	10.6		11.8		13.2	
60	16.4	5.34	11.5		13.0		14.4	
65	17.4	4.93	12.5		14.0		15.6	
70	18.4	4.58	13.4		15.1		16.8	
75	19.4	4.20	14.4		16.2		18.0	
80	20.6	4.01	15.4		17.3		19.2	
90	22.6	3.57	17.3		19.4		21.6	
100	24.6	3.21	19.2		21.6		24.0	
SH18×9×25	11.0	16.16	4.8	78 {765}	5.4	87 {853}	6.0	97 {951}
30	12.0	13.47	5.8		6.5		7.2	
35	13.0	11.54	6.7		7.5		8.4	
40	14.0	10.10	7.7		8.6		9.6	
45	15.0	8.98	8.6		9.7		10.8	
50	16.0	8.08	9.6		10.8		12.0	
55	17.2	7.34	10.6		11.8		13.2	
60	18.4	6.73	11.5		13.0		14.4	
65	19.6	6.21	12.5		14.0		15.6	
70	21.0	5.77	13.4		15.1		16.8	
75	22.2	5.30	14.4		16.2		18.0	
80	23.4	5.05	15.4		17.3		19.2	
90	24.0	4.50	17.3		19.4		21.6	
100	28.2	4.04	19.2		21.6		24.0	
SH20×10×25	11.8	20.00	4.8	96 {941}	5.4	108 {1059}	6.0	120 {1177}
30	13.0	16.66	5.8		6.5		7.2	
35	14.2	14.28	6.7		7.5		8.4	
40	15.4	12.50	7.7		8.6		9.6	
45	16.4	11.11	8.6		9.7		10.8	
50	17.4	10.00	9.6		10.8		12.0	
55	18.4	9.09	10.6		11.8		13.2	
60	19.4	8.33	11.5		13.0		14.4	
65	20.6	7.69	12.5		14.0		15.6	
70	21.8	7.14	13.4		15.1		16.8	
75	23.0	6.60	14.4		16.2		18.0	
80	24.2	6.25	15.4		17.3		19.2	
90	27.0	5.55	17.3		19.4		21.6	
100	29.4	5.00	19.2		21.6		24.0	
125	36.2	4.00	24.0		27.0		30.0	
150	43.4	3.33	28.8		32.4		36.0	
SH22×11×25	13.0	24.00	4.8	116 {1138}	5.4	130 {1275}	6.0	145 {1422}
30	14.2	20.13	5.8		6.5		7.2	
35	15.4	17.30	6.7		7.5		8.4	
40	16.4	15.10	7.7		8.6		9.6	

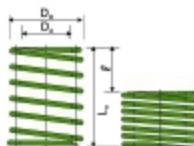
1N=0.102kgf

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 19.2% 1.000.000	 压缩量 deflection 21.6% 500.000	 压缩量 deflection 24% 300.000			
mm	RMB	kgf/mm	ℓ/mm	Kgf{N}	ℓ/mm	Kgf{N}	ℓ/mm	Kgf{N}
SH22×11×45	17.4	13.04	8.6	116 {1138}	9.7	130 {1275}	10.8	145 {1422}
50	18.4	12.08	9.6		10.8		12.0	
55	19.4	10.90	10.6		11.8		13.2	
60	20.6	10.06	11.5		13.0		14.4	
65	21.8	9.20	12.5		14.0		15.6	
70	23.0	8.63	13.4		15.1		16.8	
75	24.2	8.00	14.4		16.2		18.0	
80	25.8	7.55	15.4		17.3		19.2	
90	28.8	6.71	17.3		19.4		21.6	
100	31.4	6.04	19.2		21.6		24.0	
125	39.4	4.83	24.0		27.0		30.0	
150	47.4	4.02	28.8		32.4		36.0	
SH25×12.5×25	14.8	31.20	4.8	150 {1471}	5.4	169 {1657}	6.0	187 {1834}
30	15.8	25.97	5.8		6.5		7.2	
35	16.8	22.50	6.7		7.5		8.4	
40	17.8	19.47	7.7		8.6		9.6	
45	18.8	17.40	8.6		9.7		10.8	
50	19.8	15.58	9.6		10.8		12.0	
55	21.0	14.20	10.6		11.8		13.2	
60	22.6	12.98	11.5		13.0		14.4	
65	24.2	12.00	12.5		14.0		15.6	
70	25.8	11.13	13.4		15.1		16.8	
75	27.4	10.40	14.4		16.2		18.0	
80	29.0	9.73	15.4		17.3		19.2	
90	33.4	8.65	17.3		19.4		21.6	
100	37.4	7.79	19.2		21.6		24.0	
125	45.4	6.23	24.0		27.0		30.0	
150	53.8	5.20	28.8		32.4		36.0	
175	62.2	4.46	33.6		37.8		42.0	
SH27×13.5×25	15.8	36.40	4.8	175 {1716}	5.4	197 {1932}	6.0	219 {2148}
30	16.8	30.41	5.8		6.5		7.2	
35	17.8	26.20	6.7		7.5		8.4	
40	18.8	22.81	7.7		8.6		9.6	
45	20.2	20.30	8.6		9.7		10.8	
50	21.8	18.25	9.6		10.8		12.0	
55	23.4	16.50	10.6		11.8		13.2	
60	25.0	15.20	11.5		13.0		14.4	
65	26.6	14.00	12.5		14.0		15.6	
70	28.2	13.03	13.4		15.1		16.8	
75	30.6	12.10	14.4		16.2		18.0	
80	33.0	11.40	15.4		17.3		19.2	
90	37.0	10.13	17.3		19.4		21.6	
100	41.0	9.12	19.2		21.6		24.0	
125	49.8	7.30	24.0		27.0		30.0	
150	61.0	6.08	28.8		32.4		36.0	
175	69.4	5.21	33.6		37.8		42.0	
SH30×15×25	17.5	45.00	4.8	216 {2118}	5.4	243 {2383}	6.0	270 {2648}
30	19.3	37.50	5.8		6.5		7.2	
35	21.1	32.40	6.7		7.5		8.4	
40	23.1	28.12	7.7		8.6		9.6	
45	24.7	25.00	8.6		9.7		10.8	
50	26.7	22.50	9.6		10.8		12.0	
55	28.7	20.40	10.6		11.8		13.2	
60	30.7	18.75	11.5		13.0		14.4	
65	32.7	17.30	12.5		14.0		15.6	
70	34.7	16.07	13.4		15.1		16.8	
75	36.7	15.00	14.4		16.2		18.0	
80	38.7	14.06	15.4		17.3		19.2	
90	43.1	12.50	17.3		19.4		21.6	
100	47.5	11.25	19.2		21.6		24.0	
125	59.5	9.00	24.0		27.0		30.0	

1N=0.102kgf



注文方法: $SH \cdot 8 \times 15 = 100$
型号 规格 自由长 条数

公制(日本)标准模具弹簧
Metric(japanese)standards molding springs

SH重荷重(绿色) SH Lighter load(Green)

荷重计算方式

弹簧刚度 $\text{kgf/mm} \times \text{压缩量} = \text{kgf}$ (重量) 例: 代号SH8 $\times$ 15(30万回时)

刚度 $\text{kgf/mm} \times \text{压缩量} = \text{kgf}$ (重量)
8.82 $\times$ 3.4=21

SH弹簧使用回数与压缩比的关系

种类\使用回数	10万回	50万回	30万回	最大压缩量
SH	自由长L ₀ 的1.2%	自由长L ₀ 的1.6%	自由长L ₀ 的2.4%	自由长L ₀ 的2.4%

弹簧尺寸价格表

单位: 元/条

规格(modile) 外径 $\times$ 内径 $\times$ 长度 $D_o \times D_i \times L_o$	价格	刚度	压缩量 deflection 1.000.000	压缩量 deflection 500.000	压缩量 deflection 300.000
mm	RMB	kgf/mm	mm	mm	mm
SH6 $\times$ 3 $\times$ 10	9.6	5.83	1.7	1.9	2.2
15	9.6	3.89	2.6	2.9	3.2
20	10.0	2.92	3.5	3.9	4.3
25	10.8	2.32	4.3	4.9	5.4
30	11.6	1.93	5.2	5.8	6.5
35	12.4	1.67	6.0	6.8	7.6
40	13.2	1.46	6.9	7.8	8.6
45	14.0	1.30	7.8	8.7	9.7
50	16.0	1.67	8.6	9.7	10.8
55	16.8	1.06	9.5	10.7	11.9
60	17.2	0.97	10.4	11.7	13.0
SH8 $\times$ 4 $\times$ 10	5.3	8.80	1.9	2.2	2.4
15	5.3	5.87	2.9	3.2	3.6
20	5.6	4.41	3.8	4.3	4.8
25	6.1	3.51	4.8	5.4	6.0
30	6.6	2.92	5.8	6.5	7.2
35	7.1	2.53	6.7	7.5	8.4
40	7.6	2.21	7.7	8.6	9.6
45	8.1	1.96	8.6	9.7	10.8
50	8.6	1.77	9.6	10.8	12.0
55	9.1	1.60	10.6	11.8	13.2
60	9.6	1.46	11.5	13.0	14.4
SH10 $\times$ 5 $\times$ 20	5.7	6.25	3.8	4.3	4.8
25	6.2	5.00	4.8	5.4	6.0
30	6.8	4.16	5.8	6.5	7.2
35	7.4	3.57	6.7	7.5	8.4
40	8.0	3.15	7.7	8.6	9.6
45	8.6	2.77	8.6	9.7	10.8
50	9.2	2.50	9.6	10.8	12.0
55	9.8	2.27	10.6	11.8	13.2
60	10.4	2.08	11.5	13.0	14.4
65	11.0	1.92	12.5	14.0	15.6
70	11.6	1.79	13.4	15.1	16.8
75	12.2	1.67	14.4	16.2	18.0
80	12.8	1.56	15.4	17.3	19.2
SH12 $\times$ 6 $\times$ 20	6.2	8.90	3.8	4.3	4.8
25	6.8	7.10	4.8	5.4	6.0
30	7.4	5.90	5.8	6.5	7.2
35	8.0	5.11	6.7	7.5	8.4
40	8.6	4.47	7.7	8.6	9.6
45	9.2	3.39	8.6	9.7	10.8
50	9.8	3.58	9.6	10.8	12.0
55	10.4	3.25	10.6	11.8	13.2
60	11.0	2.98	11.5	13.0	14.4
65	11.6	2.74	12.5	14.0	15.6
70	12.8	2.54	13.4	15.1	16.8
75	14.0	2.37	14.4	16.2	18.0
80	15.2	2.21	15.4	17.3	19.2

1N=0.102kgf

彈簧尺寸價格表

單位：元/條

規格 (model) 外徑×內徑×長度 $D_o \times D_i \times L_s$	價格	剛度	 壓縮量 deflection 19.2% 1,000.000	 壓縮量 deflection 21.6% 500.000	 壓縮量 deflection 24% 300.000
mm	RMB	kgf/mm	mm	mm	mm
SH30×15×150	70.3	7.50	28.8	32.4	36.0
175	83.1	6.24	33.6	37.8	42.0
200	95.0	9.00	38.4	43.2	48.0
SH35×17.5×40	25.5	38.22	7.7	8.6	9.6
45	27.5	33.98	8.6	9.7	10.8
50	29.5	30.58	9.6	10.8	12.0
55	31.5	27.80	10.6	11.8	13.2
60	34.7	25.48	11.5	13.0	14.4
65	37.9	23.53	12.5	14.0	15.6
70	41.1	21.84	13.4	15.1	16.8
75	46.6	20.39	14.4	16.2	18.0
80	51.9	19.11	15.4	17.3	19.2
90	56.7	16.99	17.3	19.4	21.6
100	65.5	15.29	19.2	21.6	24.0
125	79.5	12.23	24.0	27.0	30.0
150	93.0	10.19	28.8	32.4	36.0
175	107.0	8.73	33.6	37.8	42.0
200	119.0	7.64	38.4	43.2	48.0
SH40×20×40	31.0	50.00	7.7	8.6	9.6
50	42.3	40.00	9.6	10.8	12.0
60	51.0	33.33	11.5	13.0	14.4
70	62.0	28.57	13.4	15.1	16.8
80	70.3	25.00	15.4	17.3	19.2
90	79.5	22.22	17.3	19.4	21.6
100	89.0	20.00	19.2	21.6	24.0
125	105.0	16.00	24.0	27.0	30.0
150	121.0	13.33	28.8	32.4	36.0
175	137.0	11.42	33.6	37.8	42.0
200	153.0	10.00	38.4	43.2	48.0
250	197.0	8.00	48.0	54.0	60.0
SH50×25×50	51.0	62.50	9.6	10.8	12.0
60	62.0	52.08	11.5	13.0	14.4
70	69.0	44.64	13.4	15.1	16.8
80	78.0	39.06	15.4	17.3	19.2
90	91.0	34.72	17.3	19.4	21.6
100	107.0	31.25	19.2	21.6	24.0
125	131.0	25.00	24.0	27.0	30.0
150	153.0	20.83	28.8	32.4	36.0
175	173.0	17.85	33.6	37.8	42.0
200	197.0	15.62	38.4	43.2	48.0
250	249.0	12.50	48.0	54.0	60.0
300	309.0	10.41	57.6	64.8	72.0
SH60×30×60	85.0	75.00	11.5	13.0	14.4
70	107.0	64.28	13.4	15.1	16.8
80	127.0	56.25	15.4	17.3	19.2
90	149.0	50.00	17.3	19.4	21.6
100	189.0	45.00	19.2	21.6	24.0
125	237.0	36.00	24.0	27.0	30.0
150	297.0	30.00	28.8	32.4	36.0
175	357.0	25.71	33.6	37.8	42.0
200	405.0	22.50	38.4	43.2	48.0
250	501.0	18.00	48.0	54.0	60.0
300	617.0	15.00	57.6	64.8	72.0

1N=0.102kgf