

弹簧尺寸价格表

单位: 元/条

规格 (modle) 外径×内径×长度 D _o ×D _i ×L _s	价格	刚度	压缩量 deflection 16% 1.000.000		压缩量 deflection 18% 500.000		压缩量 deflection 20% 300.000	
			φ/mm	Kgf(N)	φ/mm	Kgf(N)	φ/mm	Kgf(N)
SG16x8x25	13.7	26.00	4.0	104 {1019.2}	4.5	117 {1146.6}	5.0	130 {1274}
30	15.0	21.70	4.8		5.4		6.0	
35	16.3	18.60	5.6		6.3		7.0	
40	17.6	16.30	6.4		7.2		8.0	
45	19.0	14.40	7.2		8.1		9.0	
50	20.5	13.00	8.0		9.0		10.0	
55	22.1	11.80	8.8		9.9		11.0	
60	23.4	10.80	9.6		10.8		12.0	
65	24.7	10.00	10.4		11.7		13.0	
70	26.3	9.30	11.2		12.6		14.0	
75	28.0	8.70	12.0	13.5	15.0			
80	29.4	8.10	12.8	14.5	16.0			
90	32.0	7.20	14.4	16.2	18.0			
100	34.6	6.50	16.0	18.0	20.0			
SG18x8x20	15.0	40.00	3.2	128 {1254.4}	3.6	144 {1411.2}	4.0	160 {1568}
25	15.3	32.00	4.0		4.5		5.0	
30	16.6	26.70	4.8		5.4		6.0	
35	18.2	22.90	5.6		6.3		7.0	
40	19.8	20.00	6.4		7.2		8.0	
45	21.5	17.80	7.2		8.1		9.0	
50	22.9	16.00	8.0		9.0		10.0	
55	24.4	14.50	8.8		9.9		11.0	
60	25.7	13.30	9.6		10.8		12.0	
65	27.3	12.30	10.4		11.7		13.0	
70	28.9	11.40	11.2	12.6	14.0			
75	30.6	10.70	12.0	13.5	15.0			
80	32.0	10.00	12.8	14.4	16.0			
90	35.1	8.90	14.4	16.2	18.0			
100	38.4	8.00	16.0	18.0	20.0			
SG20x10x20	16.4	52.50	3.2	168 {1646.4}	3.6	189 {1852.2}	4.0	210 {2058}
25	16.6	42.00	4.0		4.5		5.0	
30	18.2	35.00	4.8		5.4		6.0	
35	19.8	30.00	5.6		6.3		7.0	
40	21.6	26.30	6.4		7.2		8.0	
45	22.9	23.30	7.2		8.1		9.0	
50	24.4	21.00	8.0		9.0		10.0	
55	25.7	19.10	8.8		9.9		11.0	
60	27.3	17.50	9.6		10.8		12.0	
65	28.9	16.20	10.4		11.7		13.0	
70	30.6	15.00	11.2	12.6	14.0			
75	31.5	14.00	12.0	13.5	15.0			
80	32.5	13.10	12.8	14.4	16.0			
90	37.2	11.70	14.4	16.2	18.0			
100	42.4	10.50	16.0	18.0	20.0			
125	50.2	8.40	20.0	22.5	25.0			
SG22x11x20	18.2	60.00	3.2	192 {1881.6}	3.6	216 {2116.8}	4.0	240 {2352}
25	18.2	48.00	4.0		4.5		5.0	
30	19.8	40.00	4.8		5.4		6.0	
35	21.6	34.30	5.6		6.3		7.0	
40	22.9	30.00	6.4		7.2		8.0	
45	24.4	26.70	7.2		8.1		9.0	
50	25.7	24.00	8.0		9.0		10.0	
55	27.3	21.80	8.8	9.9	11.0			

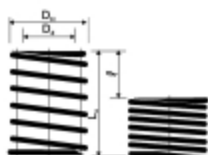
1N=0.102kgf

弹簧尺寸价格表

单位: 元/条

规格 (modle) 外径×内径×长度 D _o ×D _i ×L _s	价格	刚度	压缩量 deflection 16% 1.000.000		压缩量 deflection 18% 500.000		压缩量 deflection 20% 300.000	
			φ/mm	Kgf(N)	φ/mm	Kgf(N)	φ/mm	Kgf(N)
SG22x11x60	28.9	20.00	9.6	192 {1881.6}	10.8	216 {2116.8}	12.0	240 {2352}
65	30.6	18.50	10.4		11.7		13.0	
70	32.0	17.10	11.2		12.6		14.0	
75	33.5	16.00	12.0		13.5		15.0	
80	35.1	15.00	12.8		14.4		16.0	
90	39.8	13.30	14.4		16.2		18.0	
100	44.5	12.00	16.0		18.0		20.0	
SG25x12.5x20	20.5	77.50	3.2	248 {2430.4}	3.6	279 {2734.2}	4.0	310 {3038}
25	20.5	62.00	4.0		4.5		5.0	
30	21.8	51.70	4.8		5.4		6.0	
35	23.1	44.30	5.6		6.3		7.0	
40	24.4	38.80	6.4		7.2		8.0	
45	26.3	34.40	7.2		8.1		9.0	
50	27.8	31.00	8.0		9.0		10.0	
55	29.4	28.20	8.8		9.9		11.0	
60	30.9	25.80	9.6		10.8		12.0	
65	33.5	23.80	10.4		11.7		13.0	
70	36.1	22.10	11.2	12.6	14.0			
75	38.7	20.70	12.0	13.5	15.0			
80	41.3	19.40	12.8	14.4	16.0			
90	46.5	17.20	14.4	16.2	18.0			
100	51.7	15.50	16.0	18.0	20.0			
125	64.7	12.40	20.0	22.5	25.0			
SG27x13.5x20	22.1	92.50	3.2	296 {2900.8}	3.6	333 {3263.4}	4.0	370 {3626}
25	22.1	74.50	4.0		4.5		5.0	
30	23.4	61.70	4.8		5.4		6.0	
35	24.7	52.90	5.6		6.3		7.0	
40	26.3	46.30	6.4		7.2		8.0	
45	27.8	41.10	7.2		8.1		9.0	
50	29.4	37.00	8.0		9.0		10.0	
55	30.9	33.60	8.8		9.9		11.0	
60	33.5	30.80	9.6		10.8		12.0	
65	36.1	28.50	10.4		11.7		13.0	
70	38.7	26.40	11.2	12.6	14.0			
75	41.3	24.70	12.0	13.5	15.0			
80	43.9	23.10	12.8	14.4	16.0			
90	49.7	20.60	14.4	16.2	18.0			
100	54.9	18.50	16.0	18.0	20.0			
125	68.3	14.80	20.0	22.5	25.0			
150	84.0	12.30	24.0	27.0	30.0			
SG30x15x20	24.2	120.00	3.2	384 {3763.2}	3.6	432 {4233.6}	4.0	480 {4704}
25	24.2	96.00	4.0		4.5		5.0	
30	26.0	80.00	4.8		5.4		6.0	
35	28.3	68.60	5.6		6.3		7.0	
40	30.9	60.00	6.4		7.2		8.0	
45	33.7	53.30	7.2		8.1		9.0	
50	36.1	48.00	8.0		9.0		10.0	
55	38.7	43.60	8.8		9.9		11.0	
60	41.3	40.00	9.6		10.8		12.0	
65	43.9	36.90	10.4		11.7		13.0	
70	47.6	34.30	11.2	12.6	14.0			
75	51.4	32.00	12.0	13.5	15.0			

1N=0.102kgf



注文方法:SG・10×15-100
尺寸 外径, 内径, 长度

公制(日本)标准模具弹簧
Metric(japanese)standards molding springs
SG超重荷重(黑色)SG Overweight Load (Black)

荷重计算方式

弹簧刚度kgf/mm×F(压缩量)÷kgf(荷重) 例:式号SG10×15(30万回)

$$\frac{\text{刚度(kgf/mm)} \times \text{F(压缩量)}}{16.7 \times 2.7} = \text{kgf(荷重)}$$

SG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
SG	自由长L ₀ ±10%	自由长L ₀ ±15%	自由长L ₀ ±10%	自由长L ₀ ±24%

弹簧尺寸价格表




单位:元/条

规格(modle) 外径×内径×长度 D _o ×D _i ×L	价格	刚度	压缩量 deflection 16% 1.000.000	压缩量 deflection 18% 500.000	压缩量 deflection 20% 300.000
mm	RMB	kfg/mm	Ømm	Ømm	Ømm
SG10x5x15	8.1	16.70	2.4	2.7	3.0
20	8.3	12.50	3.2	3.6	4.0
25	9.1	10.00	4.0	4.5	5.0
30	9.6	8.30	4.8	5.4	6.0
35	10.4	7.10	5.6	6.3	7.0
40	11.2	6.30	6.4	7.2	8.0
45	12.0	5.60	7.2	8.1	9.0
50	12.7	5.00	8.0	9.0	10.0
55	13.5	4.50	8.8	9.9	11.0
60	14.3	4.20	9.6	10.8	12.0
65	15.1	3.80	10.4	11.7	13.0
70	15.9	3.60	11.2	12.6	14.0
75	16.6	3.30	12.0	13.5	15.0
80	17.4	3.10	12.8	14.4	16.0
90	19.0	2.80	14.4	16.2	18.0
100	25.5	2.50	16.0	18.0	20.0
SG12x6x15	8.5	25.00	2.4	2.7	3.0
20	8.8	18.80	3.2	3.6	4.0
25	9.6	15.00	4.0	4.5	5.0
30	10.4	12.50	4.8	5.4	6.0
35	11.2	10.70	5.6	6.3	7.0
40	12.0	9.40	6.4	7.2	8.0
45	12.7	8.30	7.2	8.1	9.0
50	13.7	7.50	8.0	9.0	10.0
55	15.0	6.80	8.8	9.9	11.0
60	16.3	6.30	9.6	10.8	12.0
65	17.6	5.80	10.4	11.7	13.0
70	18.9	5.40	11.2	12.6	14.0
75	20.2	5.00	12.0	13.5	15.0
80	21.5	4.70	12.8	14.4	16.0
90	22.5	4.20	14.4	16.2	18.0
100	27.3	3.80	16.0	18.0	20.0
SG14x7x20	12.4	24.30	3.2	3.6	4.0
25	12.5	19.40	4.0	4.5	5.0
30	13.7	16.20	4.8	5.4	6.0
35	14.6	13.90	5.6	6.3	7.0
40	15.9	12.10	6.4	7.2	8.0
45	17.2	10.80	7.2	8.1	9.0
50	18.9	9.70	8.0	9.0	10.0
55	20.2	8.80	8.8	9.9	11.0
60	21.8	8.10	9.6	10.8	12.0
65	23.4	7.50	10.4	11.7	13.0
70	25.0	6.90	11.2	12.6	14.0
75	26.3	6.50	12.0	13.5	15.0
80	28.3	6.10	12.8	14.4	16.0
90	31.5	5.40	14.4	16.2	18.0
100	36.4	4.90	16.0	18.0	20.0
SG16x8x20	13.3	32.50	3.2	3.6	4.0

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 ×D _i ×L _s	價格	剛度	 壓縮量 deflection 16% 1,000.000	 壓縮量 deflection 18% 500.000	 壓縮量 deflection 20% 300.000		
mm	RMB	kgf/mm	mm	mm	mm		
SG30x15x80	54.9	30.00	12.8	384 {3763.2}	14.4	16.0	480 {4704}
90	60.6	26.70	14.4		16.2	18.0	
100	66.6	24.00	16.0		18.0	20.0	
125	83.6	19.20	20.0		22.5	25.0	
150	99.2	16.00	24.0		27.0	30.0	
175	116.0	13.70	28.0		31.5	35.0	
200	133.9	12.00	32.0	36.0	40.0		
SG35x17.5x30	33.8	105.00	4.8	504 {4939.2}	5.4	6.0	630 {6174}
35	33.8	90.00	5.6		6.3	7.0	
40	34.5	78.80	6.4		7.2	8.0	
45	36.8	70.00	7.2		8.1	9.0	
50	39.3	63.00	8.0		9.0	10.0	
55	42.0	57.30	8.8		9.9	11.0	
60	46.8	52.50	9.6		10.8	12.0	
65	52.0	48.50	10.4		11.7	13.0	
70	57.2	45.00	11.2		12.6	14.0	
75	62.4	42.00	12.0		13.5	15.0	
80	70.9	39.40	12.8		14.4	16.0	
90	80.6	35.00	14.4		16.2	18.0	
100	91.4	31.50	16.0		18.0	20.0	
125	110.8	25.20	20.0		22.5	25.0	
150	128.7	21.00	24.0	37.0	30.0		
175	146.9	18.00	28.0	34.5	35.0		
200	162.5	15.80	32.0	36.0	40.0		
SG40x20x35	48.9	117.10	5.6	656 {6428.8}	6.3	7.0	820 {8036}
40	48.9	102.50	6.4		7.2	8.0	
45	54.0	91.10	7.2		8.1	9.0	
50	58.5	82.00	8.0		9.0	10.0	
55	64.0	74.50	8.8		9.9	11.0	
60	70.5	68.30	9.6		10.8	12.0	
65	77.1	63.10	10.4		11.7	13.0	
70	83.6	58.60	11.2		12.6	14.0	
75	90.1	54.70	12.0		13.5	15.0	
80	97.0	51.30	12.8		14.4	16.0	
90	108.2	45.60	14.4		16.2	18.0	
100	121.2	41.00	16.0		18.0	20.0	
125	144.3	32.80	20.0		22.5	25.0	
150	162.5	27.30	24.0		27.0	30.0	
175	193.7	23.40	28.0	31.5	35.0		
200	214.5	20.50	32.0	36.0	40.0		
SG50x25x50	73.6	125.00	8.0	1000 {980}	9.0	10.0	1250 {12250}
55	81.3	113.60	8.8		9.9	11.0	
60	88.4	104.20	9.6		10.8	12.0	
65	91.8	96.20	10.4		11.7	13.0	
70	103.4	89.30	11.2		12.6	14.0	
75	110.5	83.30	12.0		13.5	15.0	
80	118.3	78.10	12.8		14.4	16.0	
90	133.9	69.40	14.4		16.2	18.0	
100	149.5	62.50	16.0		18.0	20.0	
125	183.3	50.00	20.0		22.5	25.0	
150	214.5	41.70	24.0		27.0	30.0	
175	245.7	35.70	28.0		31.5	35.0	
200	276.9	31.30	32.0		36.0	40.0	

1N=0.102kgf