

Rectangular Spring ▶ Extra Large Compression Spring (Light Green)



Please order according to the diagram

①~③ Select the type and parameters in the order of for ordering.

Model (●Code)

BUDY

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D

D11

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L

L20



Discounted Price

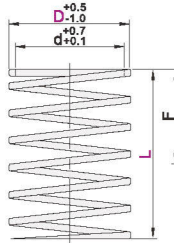
Quantity 1~9 10~

Price 100% Separate Quotation

Price Excluding Tax (¥/mm)



CAD 3D



Code	Type	Material		Maximum Compression
		International	Equivalent	

BUDY	Maximum Compression	60Si2CrA	SWOSC-V	L×65%
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■ L Dimension Tolerance

L	Tolerance
50 or higher	±0.5
50 Below	±1.0%

- ① Load (+10%)
- ② Straightness Angle (below 3°)
- ③ Load (N) = Spring Constant (N/mm) x Compression
- ④ Usage: 1,000,000 times (300,000 times for Lx70%)
- ⑤ Heat Resistance Temperature: 150°C
- ⑥ 1kgf=9.81 N
- ⑦ Compressed Length is for reference, slight variations may occur during manufacturing.
- ⑧ Spring color and number of coils may vary between production batches, but product performance meets standards and does not affect use!

Model	Inner Diameter	Spring Constant	a	Usage Method
Code D L	d	N/mm	mm	F=L×65% Load N
20	7	2.26	5	13.0
25	7	1.81	6.3	16.3
30	7	1.51	7.5	19.5
35	7	1.29	8.8	22.8
40	7	1.13	10	26.0
45	7	1.01	11.3	29.3
50	7	0.91	12.5	32.5
55	7	0.82	13.8	35.8
60	7	0.75	15	39.0
65	7	0.70	16.3	42.3
70	7	0.65	17.5	45.5
75	7	0.60	18.8	48.8
80	7	0.57	20	52.0
90	7	0.50	22.5	58.5
100	7	0.45	25	65.0
20	8.5	3.08	5	13.0
25	8.5	2.46	6.25	16.3
30	8.5	2.06	7.5	19.5
35	8.5	1.76	8.75	22.8
40	8.5	1.54	10	26.0
45	8.5	1.37	11.25	29.3
50	8.5	1.23	12.5	32.5
55	8.5	1.12	13.75	35.8
60	8.5	1.03	15	39.0
65	8.5	0.95	16.25	42.3
70	8.5	0.88	17.5	45.5
75	8.5	0.82	18.75	48.8
80	8.5	0.77	20	52.0
90	8.5	0.69	22.5	58.5
100	8.5	0.62	25	65.0
110	8.5	0.56	27.5	71.5
120	8.5	0.51	30	78.0
125	8.5	0.49	31.25	81.3
20	10.5	7.02	5.0	13.0
25	10.5	5.6	6.25	16.3
30	10.5	4.7	7.5	19.5
35	10.5	4.02	8.75	22.8
40	10.5	3.53	10	26.0
45	10.5	3.14	11.25	29.3
50	10.5	2.84	12.5	32.5
55	10.5	2.55	13.75	35.8
60	10.5	2.35	15	39.0
65	10.5	2.16	16.25	42.3
70	10.5	1.96	17.5	45.5
75	10.5	1.86	18.75	48.8
80	10.5	1.76	20	52.0
90	10.5	1.57	22.5	58.5
100	10.5	1.37	25	65.0
110	10.5	1.27	27.5	71.5
120	10.5	1.17	30	78.0
125	10.5	1.08	31.25	81.3
150	10.5	0.93	37.5	97.5
30	13.5	5.59	7.5	19.5
35	13.5	4.80	8.75	22.8
40	13.5	4.21	10	26.0
45	13.5	3.72	11.25	29.3
50	13.5	3.33	12.5	32.5
55	13.5	3.04	13.75	35.8

Model	Inner Diameter	Spring Constant	a	Usage Method
Code D L	d	N/mm	mm	F=L×65% Load N
60	13.5	2.84	15	39.0
65	13.5	2.55	16.25	42.3
70	13.5	2.35	17.5	45.5
75	13.5	2.26	18.75	48.8
80	13.5	2.06	20	52.0
90	13.5	1.86	22.5	58.5
100	13.5	1.67	25	65.0
110	13.5	1.57	27.5	71.5
120	13.5	1.37	30	78.0
125	13.5	1.34	31.25	81.3
130	13.5	1.27	32.5	84.5
140	13.5	1.18	35	91.0
150	13.5	1.08	37.5	97.5
30	16.5	6.96	7.5	19.5
35	16.5	5.98	8.75	22.8
40	16.5	5.29	10	26.0
45	16.5	4.70	11.25	29.3
50	16.5	4.21	12.5	32.5
55	16.5	3.82	13.75	35.8
60	16.5	3.53	15	39.0
65	16.5	3.23	16.25	42.3
70	16.5	3.04	17.5	45.5
75	16.5	2.84	18.75	48.8
80	16.5	2.55	20	52.0
90	16.5	2.35	22.5	58.5
100	16.5	2.06	25	65.0
110	16.5	1.86	27.5	71.5
120	16.5	1.76	30	78.0
125	16.5	1.67	31.25	81.3
130	16.5	1.57	32.5	84.5
140	16.5	1.47	35	91.0
150	16.5	1.37	37.5	97.5
175	16.5	1.18	43.75	113.8
200	16.5	1.08	50	130.0
35	21	8.79	8.8	22.8
40	21	7.74	10	26.0
45	21	6.86	11.25	29.3
50	21	6.17	12.5	32.5
55	21	5.59	13.75	35.8
60	21	5.10	15	39.0
65	21	4.70	16.25	42.3
70	21	4.41	17.5	45.5
75	21	4.12	18.75	48.8
80	21	3.82	20	52.0
90	21	3.43	22.5	58.5
100	21	2.84	25	65.0
110	21	2.84	27.5	71.5
120	21	2.55	30	78.0
125	21	2.45	31.25	81.3
130	21	2.35	32.5	84.5
140	21	2.16	35	91.0
150	21	2.06	37.5	97.5
160	21	1.96	40	104.0
170	21	1.81	42.5	110.5
175	21	1.76	43.75	113.8
180	21	1.67	45	117.0
190	21	1.62	47.5	123.5
200	21	1.57	50	130.0
250	21	1.27	62.5	162.5
300	21	0.98	75	195.0

Model	Inner Diameter	Spring Constant	a	Usage Method
Code D L	d	N/mm	mm	F=L×65% Load N
40	26	11.32	10	26.0
45	26	10.06	11.3	29.3
50	26	9.05	12.5	32.5
55	26	8.23	13.8	35.8
60	26	7.54	15	39.0
65	26	6.96	16.3	42.3
70	26	6.47	17.5	45.5
75	26	6.03	18.8	48.8
80	26	5.66	20	52.0
90	26	5.03	22.5	58.5
100	26	4.53	25	65.0
110	26	4.11	27.5	71.5
120	26	3.77	30	78.0
130	26	3.48	32.5	84.5
140	26	3.23	35	91.0
150	26	3.02	37.5	97.5
160	26	2.83	40	104.0
170	26	2.66	42.5	110.5
180	26	2.51	45	117.0
190	26	2.38	47.5	123.5
200	26	2.26	50	130.0
225	26	2.01	56.3	146.3
250	26	1.81	62.5	162.5
275	26	1.65	68.8	178.8
300	26	1.51	75	195.0
50	31	12.07	12.5	32.5
60	31	10.06	15	39.0
70	31	8.62	17.5	45.5
80	31	7.54	20	52.0
90	31	6.71	22.5	58.5
100	31	6.03	25	65.0
110	31	5.49	27.5	71.5
120	31	5.03	30	78.0
130	31	4.64	32.5	84.5
140	31	4.31	35	91.0
150	31	4.02	37.5	97.5
160	31	3.77	40	104.0
170	31	3.55	42.5	110.5
180	31	3.35	45	117.0
190	31	3.18	47.5	123.5
200	31	3.02	50	130.0
225	31	2.68	56.3	146.3
250	31	2.41	62.5	162.5
275	31	2.19	68.8	178.8
300	31	2.01	75	195.0