

Rectangular Spring ▶ Ultra Compression Spring (Light Blue)



Please order according to the diagram

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

Model (①Code)

BUDU

②D

D10.5

③L

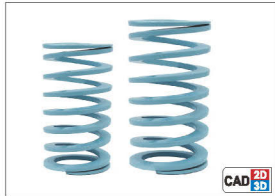
L15



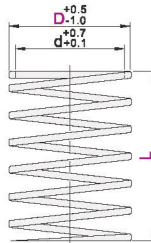
Discounted Price

Quantity 1~9 10~
Price 100% Separate Quotation

Price Excluding Tax (¥/mm)



CAD 2D/3D



L

Code	Type	Material		Maximum Compression
		International	Equivalent	

BUDU	Supercompression	60Si2CrA	SWOSC-V	L×60%
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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) × 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	Wire Diameter	Spring Constant	a	Usage Method
Code	D	N/mm	Compressed Length	F=L×60% Fmm Load N
10.5	15	7.63	4.5	9
	20	5.68	6	12
	25	4.61	7.5	15
	30	3.82	9	18
	35	3.23	10.5	21
	40	2.84	12	24
	45	2.55	13.5	27
	50	2.25	15	30
	55	2.06	16.5	33
	60	1.86	18	36
12.5	65	1.76	19.5	39
	70	1.67	21	42
	75	1.57	22.5	45
	80	1.47	24	48
	15	8.72	4.5	9
	20	6.54	6	12
	25	5.22	7.5	15
	30	4.35	9	18
	35	3.73	10.5	21
	40	3.26	12	24
14.5	45	2.90	13.5	27
	50	2.62	15	30
	55	2.37	16.5	33
	60	2.18	18	36
	65	2.01	19.5	39
	70	1.86	21	42
	75	1.74	22.5	45
	80	1.64	24	48
	90	1.45	27	54
	100	1.31	30	60
17	15	10.90	4.5	9
	20	8.13	6	12
	25	6.57	7.5	15
	30	5.49	9	18
	35	4.70	10.5	21
	40	4.12	12	24
	45	3.62	13.5	27
	50	3.23	15	30
	55	2.94	16.5	33
	60	2.74	18	36
20	65	2.55	19.5	39
	70	2.35	21	42
	75	2.15	22.5	45
	80	2.05	24	48
	90	1.86	27	54
	100	1.66	30	60
	110	1.49	33	66
	120	1.36	36	72
	125	1.27	37.5	75
	150	1.09	45	90
25	20	12.26	6	12
	25	9.80	7.5	15
	30	8.13	9	18
	35	6.96	10.5	21
	40	6.17	12	24
	45	5.49	13.5	27
	50	4.90	15	30
	55	4.41	16.5	33
	60	4.11	18	36
	65	3.72	19.5	39
30	70	3.53	21	42
	75	3.23	22.5	45
	80	3.04	24	48
	90	2.74	27	54
	100	2.45	30	60

Model	Wire Diameter	Spring Constant	a	Usage Method
Code	D	N/mm	Compressed Length	F=L×60% Fmm Load N
17	125	2.23	33	66
	120	2.04	36	72
	115	1.96	37.5	75
	110	1.66	45	90
	105	1.40	52.5	105
	25	15.04	7.5	15
	30	12.55	9	18
	35	10.78	10.5	21
	40	9.41	12	24
	45	8.33	13.5	27
21	50	7.64	15	30
	55	6.86	16.5	33
	60	6.27	18	36
	65	5.78	19.5	39
	70	5.39	21	42
	75	5.00	22.5	45
	80	4.70	24	48
	90	4.21	27	54
	100	3.72	30	60
	110	3.33	33	66
26	120	3.13	36	72
	125	3.04	37.5	75
	130	2.84	39	78
	140	2.64	42	84
	150	2.54	45	90
	175	2.15	52.5	105
	200	1.88	60	120
	30	16.37	9	18
	35	14.02	10.5	21
	40	12.25	12	24
31	45	10.88	13.5	27
	50	9.80	15	30
	55	8.92	16.5	33
	60	8.13	18	36
	65	7.55	19.5	39
	70	6.96	21	42
	75	6.57	22.5	45
	80	6.17	24	48
	90	5.49	27	54
	100	4.90	30	60
37	110	4.41	33	66
	120	4.11	36	72
	125	3.92	37.5	75
	130	3.72	39	78
	140	3.53	42	84
	150	3.23	45	90
	175	2.84	52.5	105
	200	2.45	60	120
	225	2.18	67.5	135
	250	1.96	75	150
43	35	17.75	10.5	21
	40	15.49	12	24
	45	13.82	13.5	27
	50	12.45	15	30
	55	11.29	16.5	33
	60	10.39	18	36
	65	9.56	19.5	39
	70	8.82	21	42
	75	8.28	22.5	45
	80	7.74	24	48
50	90	6.86	27	54
	100	6.17	30	60
	110	5.68	33	66
	120	5.19	36	72
	125	5.00	37.5	75

Model	Wire Diameter	Spring Constant	a	Usage Method
Code	D	N/mm	Compressed Length	F=L×60% Fmm Load N
31	130	4.80	39	78
	140	4.41	42	84
	150	4.11	45	90
	160	3.92	48	96
	170	3.62	51	102
	175	3.53	52.5	105
	180	3.43	54	108
	190	3.53	57	114
	200	3.23	60	120
	250	2.45	75	150
37	300	2.05	90	180
	40	19.20	12	24
	45	17.07	13.5	27
	50	15.36	15	30
	55	13.97	16.5	33
	60	12.80	18	36
	65	11.82	19.5	39
	70	10.97	21	42
	75	10.24	22.5	45
	80	9.60	24	48
43	90	8.54	27	54
	100	7.68	30	60
	110	6.98	33	66
	120	6.40	36	72
	130	5.91	39	78
	140	5.49	42	84
	150	5.12	45	90
	160	4.80	48	96
	170	4.52	51	102
	180	4.27	54	108
50	190	4.04	57	114
	200	3.84	60	120
	225	3.41	67.5	135
	250	3.07	75	150
	275	2.79	82.5	165
	300	2.56	90	180
	50	19.61	15	30
	60	16.34	18	36
	70	14.01	21	42
	80	12.26	24	48
60	90	10.90	27	54
	100	9.81	30	60
	110	8.92	33	66
	120	8.17	36	72
	130	7.54	39	78
	140	7.00	42	84
	150	6.54	45	90
	160	6.13	48	96
	170	5.77	51	102
	180	5.45	54	108
70	190	5.16	57	114
	200	4.90	60	120
	225	4.36	67.5	135
	250	3.92	75	150
	275	3.57	82.5	165
	300	3.27	90	180