

Rectangular Spring ▶ High Compression Spring (Ivory)



Please order according to the diagram

①-④ Select the type and parameters in the order of for ordering.

Model (① Code) — ② D — ③ L

BUDR

D10.5

L15



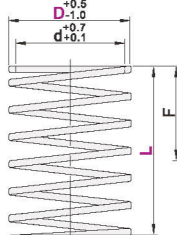
Discounted Price

Quantity 1-9 10-
Price 100% Separate Quotation

Price Excluding Tax (¥/unit)



CAD 2D 3D



Code	Type	Material		Maximum Compression
		International	Equivalent	
BUDR	High Compression	60Si2CrA	SWOSC-V	L×50%

④ 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 d	Spring Constant N/mm	a		Usage Method F=L×50%	
Code	D	L			Compressed Length	Fmm	Load N	
BUDR	10.5	15	6.0	10.46	6	7.5	78.5	
		20		7.84	8	10		
		25		6.27	10	12.5		
		30		5.19	12	15.0		
		35		4.50	14	17.5		
		40		3.92	16	20.0		
		45		3.53	18	22.5		
		50		3.14	20	25.0		
		55		2.84	22	27.5		
		60		2.65	24	30.0		
		65		2.45	26	32.5		
		70		2.25	28	35.0		
		75		2.06	30	37.5		
		80		1.96	32	40.0		
		15		11.77	6	7.5		
	12.5	20	7.0	8.82	8	10	88.2	
		25		7.06	10	12.5		
		30		5.88	12	15.0		
		35		5.04	14	17.5		
		40		4.41	16	20.0		
		45		3.92	18	22.5		
		50		3.53	20	25.0		
		55		3.20	22	27.5		
		60		2.94	24	30.0		
		65		2.71	26	32.5		
		70		2.52	28	35.0		
		75		2.35	30	37.5		
		80		2.21	32	40.0		
		90		1.96	36	45		
		100		1.77	40	50		
BUDR	14.5	15	8.5	17.00	6	7.5	127.5	
		20		12.70	8	10		
		25		10.19	10	12.5		
		30		8.53	12	15.0		
		35		7.25	14	17.5		
		40		6.37	16	20.0		
		45		5.68	18	22.5		
		50		5.09	20	25.0		
		55		4.60	22	27.5		
		60		4.21	24	30.0		
		65		3.92	26	32.5		
		70		3.62	28	35.0		
		75		3.43	30	37.5		
		80		3.23	32	40.0		
		90		2.84	36	45		
		100		2.54	40	50		
	17	125	10.5	2.05	50	62.5	196.1	
		150		1.70	60	75		
		20		19.61	8	10		
		25		15.69	10	12.5		
		30		13.04	12	15.0		
		35		11.17	14	17.5		
		40		9.80	16	20.0		
		45		8.72	18	22.5		
		50		7.84	20	25.0		
		55		7.15	22	27.5		

Model			Inner Diameter d	Spring Constant N/mm	a		Usage Method F=L×50%	
Code	D	L			Compressed Length	Fmm	Load N	
BUDR	17	60	10.5	6.57	24	30.0	196.1	
		65		6.08	26	32.5		
		70		5.58	28	35.0		
		75		5.19	30	37.5		
		80		4.90	32	40.0		
		90		4.31	36	45		
		100		3.92	40	50		
		125		3.13	50	62.5		
		150		2.64	60	75		
		175		2.24	70	87.5		
	21	25	13.5	23.54	10	12.5	294.1	
		30		19.61	12	15.0		
		35		16.76	14	17.5		
		40		14.70	16	20.0		
		45		13.04	18	22.5		
		50		11.76	20	25.0		
		55		10.68	22	27.5		
		60		9.80	24	30.0		
		65		9.02	26	32.5		
		70		8.43	28	35.0		
		75		7.84	30	37.5		
		80		7.35	32	40.0		
		90		6.57	36	45		
		100		5.88	40	50		
	26	110	16.5	5.39	44	55	392.3	
		120		4.90	48	60		
		125		4.70	50	62.5		
		130		4.51	52	65		
		140		4.21	56	70		
		150		3.92	60	75		
		175		3.36	70	87.5		
		200		2.94	80	100		
		25		31.38	10	12.5		
		30		26.18	12	15.0		
		35		22.45	14	17.5		
		40		19.61	16	20.0		
		45		17.45	18	22.5		
		50		15.69	20	25.0		
		55		14.21	22	27.5		
		60		13.04	24	30.0		
		65		12.06	26	32.5		
		70		11.17	28	35.0		
		75		10.49	30	37.5		
		80		9.80	32	40.0		
		90		8.72	36	45		
		100		7.84	40	50		
		110		7.15	44	55		
		120		6.57	48	60		
		125		6.27	50	62.5		
		130		6.08	52	65		
		140		5.58	56	70		
		150		5.19	60	75		
		175		4.51	70	87.5		
		200		3.92	80	100		
		225		3.49	90	112.5		
		250		3.14	100	125		

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Model			Inner Diameter d	Spring Constant N/mm	a Compressed Length	Usage Method F=L×50%	
Code	D	L				Fmm	Load N
BUDR	31	35	21	28.02	14	17.5	490.3
		40		24.51	16	20.0	
		45		21.77	18	22.5	
		50		19.61	20	25.0	
		55		17.83	22	27.5	
		60		16.37	24	30.0	
		65		15.09	26	32.5	
		70		14.02	28	35.0	
		75		13.08	30	37.5	
		80		12.25	32	40.0	
		90		10.88	36	45	
		100		9.80	40	50	
		110		8.92	44	55	
		120		8.13	48	60	
		125		7.84	50	62.5	
		130		7.55	52	65	
		140		6.96	56	70	
		150		6.57	60	75	
		160		6.17	64	80	
		170		5.78	68	85	
		175		5.58	70	87.5	
		180		5.49	72	90	
		190		5.19	76	95	
		200		4.90	80	100	
		250		3.92	100	125	
		300		3.23	120	150	
		35		33.62	14	17.5	
		40		29.41	16	20.0	
		45		26.18	18	22.5	
		50		23.53	20	25.0	
		55		21.40	22	27.5	
		60		19.61	24	30.0	
		65		18.10	26	32.5	
		70		16.76	28	35.0	
		75		15.69	30	37.5	
		80		14.70	32	40.0	
		90		13.04	36	45	
		100		11.76	40	50	
		110		10.68	44	55	
		120		9.80	48	60	
		125		9.41	50	62.5	
		130		9.02	52	65	
		140		8.43	56	70	
		150		7.84	60	75	
		160		7.35	64	80	
		170		6.96	68	85	
		175		6.76	70	87.5	
		180		6.57	72	90	
		190		6.17	76	95	
		200		5.88	80	100	
		250		4.70	100	125	
		300		3.92	120	150	

Model			Inner Diameter d	Spring Constant N/mm	a Compressed Length	Usage Method F=L×50%	
Code	D	L				Fmm	Load N
BUDR	43	50	31	33.34	20	25	833.6
		60		27.79	24	30	
		70		23.82	28	35	
		80		20.84	32	40	
		90		18.52	36	45	
		100		16.67	40	50	
		110		15.16	44	55	
		120		13.89	48	60	
		130		12.82	52	65	
		140		11.91	56	70	
		150		11.11	60	75	
		160		10.42	64	80	
		170		9.81	68	85	
		180		9.26	72	90	
		190		8.77	76	95	
		200		8.34	80	100	
		225		7.41	90	112.5	
		250		6.67	100	125	
		275		6.06	110	137.5	
		300		5.56	120	150	
		50		43.14	20	25	
		60		35.99	24	30	
		70		30.79	28	35	
		80		26.96	32	40	
		90		23.92	36	45	
		100		21.57	40	50	
		110		19.61	44	55	
		120		17.94	48	60	
		125		17.25	50	62.5	
		130		15.57	52	65	
		140		15.39	56	70	
		150		14.41	60	75	
		175		12.35	70	87.5	
		200		10.78	80	100	
		225		9.61	90	112.5	
		250		8.62	100	125	
		275		7.84	110	137.5	
		300		7.15	120	150	
		50		52.96	20	25	
		60		44.13	24	30	
		70		37.83	28	35	
		80		33.10	32	40	
		90		29.42	36	45	
		100		26.48	40	50	
		110		24.07	44	55	
		120		22.06	48	60	
		130		20.37	52	65	
		140		18.91	56	70	
		150		17.65	60	75	
		175		15.13	70	87.5	
		200		13.24	80	100	
		225		11.77	90	112.5	
		250		10.59	100	125	
		275		9.63	110	137.5	
		300		8.83	120	150	
		350		7.57	140	175	
		400		6.62	160	200	