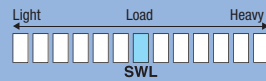
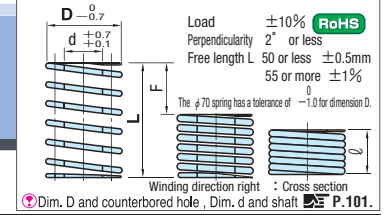


COIL SPRINGS

— LIGHT LOAD SWL —



Printed in Red



The volume discount rate is also applicable to alteration cost.
All price & lead time are to be quoted.

D	d	L	Spring constant N/mm(kgf/mm)	Solid height mm	F=LX32%	F=LX36%	F=LX40%	Catalog No.	U/Price	
Type D-L										
6	3	15	13.1	1.33	8.6	4.8	5.4	6.0	SWL 6-15	
		20	9.8	1.00	11.5	6.4	7.2	8.0	20	
		25	7.8	0.80	14.4	8.0	9.0	10.0	25	
		30	6.5	0.67	17.2	9.6	10.8	12.0	30	
		35	5.6	0.57	20.1	11.2	12.6	14.0	35	
	8	4	40	4.9	0.50	23.0	12.8	14.4	16.0	40
			10	24.5	2.50	5.4	3.2	3.6	4.0	SWL 8-10
			15	16.3	1.67	8.1	4.8	5.4	6.0	15
			20	12.3	1.25	10.8	6.4	7.2	8.0	20
			25	9.8	1.00	13.5	8.0	9.0	10.0	25
10		5	30	8.2	0.83	16.2	9.6	10.8	12.0	30
			35	7.0	0.71	18.9	11.2	12.6	14.0	35
			40	6.1	0.63	21.6	12.8	14.4	16.0	40
			45	5.4	0.56	24.3	14.4	16.2	18.0	45
			50	4.9	0.50	27.0	16.0	18.0	20.0	50
	12	6	55	4.5	0.45	29.7	17.6	19.8	22.0	55
			60	4.1	0.42	32.4	19.2	21.6	24.0	60
			65	3.8	0.38	37.3	20.8	23.4	26.0	65
			70	3.5	0.36	40.2	22.4	25.2	28.0	70
			75	3.3	0.33	43.1	24.0	27.0	30.0	75
14		7	80	3.1	0.31	45.9	25.6	28.8	32.0	80
			10	34.3	3.50	5.4	3.2	3.6	4.0	SWL 10-10
			15	22.9	2.33	8.1	4.8	5.4	6.0	15
			20	17.2	1.75	10.8	6.4	7.2	8.0	20
			25	13.7	1.40	13.5	8.0	9.0	10.0	25
	16	8	30	11.4	1.17	16.2	9.6	10.8	12.0	30
			35	9.8	1.00	18.9	11.2	12.6	14.0	35
			40	8.6	0.88	21.6	12.8	14.4	16.0	40
			45	7.6	0.78	24.3	14.4	16.2	18.0	45
			50	6.9	0.70	27.0	16.0	18.0	20.0	50
18		9	55	6.2	0.64	29.7	17.6	19.8	22.0	55
			60	5.7	0.58	32.4	19.2	21.6	24.0	60
			65	5.3	0.54	35.1	20.8	23.4	26.0	65
			70	4.9	0.50	37.8	22.4	25.2	28.0	70
			75	4.6	0.47	40.5	24.0	27.0	30.0	75
	20	10	80	4.3	0.44	43.2	25.6	28.8	32.0	80
			90	3.8	0.39	48.6	28.8	32.4	36.0	90
			15	34.3	3.50	8.1	4.8	5.4	6.0	SWL 12-15
			20	25.7	2.63	10.8	6.4	7.2	8.0	20
			25	20.6	2.10	13.5	8.0	9.0	10.0	25
22		11	30	17.2	1.75	16.2	9.6	10.8	12.0	30
			35	14.7	1.50	18.9	11.2	12.6	14.0	35
			40	12.9	1.31	21.6	12.8	14.4	16.0	40
			45	11.4	1.17	24.3	14.4	16.2	18.0	45
			50	10.3	1.05	27.0	16.0	18.0	20.0	50
	24	12	55	9.4	0.95	29.7	17.6	19.8	22.0	55
			60	8.6	0.88	32.4	19.2	21.6	24.0	60
			65	7.9	0.81	35.1	20.8	23.4	26.0	65
			70	7.4	0.75	37.8	22.4	25.2	28.0	70
			75	6.9	0.70	40.5	24.0	27.0	30.0	75
26		13	80	6.4	0.66	43.2	25.6	28.8	32.0	80
			90	5.7	0.58	48.6	28.8	32.4	36.0	90
			20	34.3	3.50	10.8	6.4	7.2	8.0	SWL 14-20
			25	27.5	2.80	13.5	8.0	9.0	10.0	25
			30	22.9	2.33	16.2	9.6	10.8	12.0	30
	28	14	35	19.6	2.00	18.9	11.2	12.6	14.0	35
			40	17.2	1.75	21.6	12.8	14.4	16.0	40
			45	15.3	1.56	24.3	14.4	16.2	18.0	45
			50	13.7	1.40	27.0	16.0	18.0	20.0	50
			55	12.5	1.27	29.7	17.6	19.8	22.0	55
30		15	60	11.4	1.17	32.4	19.2	21.6	24.0	60
			65	10.6	1.08	35.1	20.8	23.4	26.0	65
			70	9.8	1.00	37.8	22.4	25.2	28.0	70
			75	9.2	0.93	40.5	24.0	27.0	30.0	75
			80	8.6	0.88	43.2	25.6	28.8	32.0	80
	32	16	90	7.6	0.78	48.6	28.8	32.4	36.0	90
			100	6.9	0.70	54.0	32.0	36.0	40.0	100
			10	24.5	2.50	5.4	3.2	3.6	4.0	SWL 16-10
			15	16.3	1.67	8.1	4.8	5.4	6.0	15
			20	12.3	1.25	10.8	6.4	7.2	8.0	20
34		17	25	9.8	1.00	13.5	8.0	9.0	10.0	25
			30	8.2	0.83	16.2	9.6	10.8	12.0	30
			35	7.0	0.71	18.9	11.2	12.6	14.0	35
			40	6.1	0.63	21.6	12.8	14.4	16.0	40
			45	5.4	0.56	24.3	14.4	16.2	18.0	45
	36	18	50	4.9	0.50	27.0	16.0	18.0	20.0	50
			55	4.5	0.45	29.7	17.6	19.8	22.0	55
			60	4.1	0.42	32.4	19.2	21.6	24.0	60
			65	3.8	0.38	37.3	20.8	23.4	26.0	65
			70	3.5	0.36	40.2	22.4	25.2	28.0	70
38		19	75	3.3	0.33	43.1	24.0	27.0	30.0	75
			80	3.1	0.31	45.9	25.6	28.8	32.0	80
			10	34.3	3.50	5.4	3.2	3.6	4.0	SWL 18-10
			15	22.9	2.33	8.1	4.8	5.4	6.0	15
			20	17.2	1.75	10.8	6.4	7.2	8.0	20
	40	20	25	13.7	1.40	13.5	8.0	9.0	10.0	25
			30	11.4	1.17	16.2	9.6	10.8	12.0	30
			35	9.8	1.00	18.9	11.2	12.6	14.0	35
			40	8.6	0.88	21.6	12.8	14.4	16.0	40
			45	7.6	0.78	24.3	14.4	16.2	18.0	45
42		21	50	6.9	0.70	27.0	16.0	18.0	20.0	50
			55	6.2	0.64	29.7	17.6	19.8	22.0	55
			60	5.7	0.58	32.4	19.2	21.6	24.0	60
			65	5.3	0.54	35.1	20.8	23.4	26.0	65
			70	4.9	0.50	37.8	22.4	25.2	28.0	70
	44	22	75	4.6	0.47	40.5	24.0	27.0	30.0	75
			80	4.3	0.44	43.2	25.6	28.8	32.0	80
			90	3.8	0.39	48.6	28.8	32.4	36.0	90
			15	34.3	3.50	8.1	4.8	5.4	6.0	SWL 20-15
			20	25.7	2.63	10.8	6.4	7.2	8.0	20
46		23	25	20.6	2.10	13.5	8.0	9.0	10.0	25
			30	17.2	1.75	16.2	9.6	10.8	12.0	30
			35	14.7	1.50	18.9	11.2	12.6	14.0	35
			40	12.9	1.31	21.6	12.8	14.4	16.0	40
			45	11.4	1.17	24.3	14.4	16.2	18.0	45
	48	24	50	10.3	1.05	27.0	16.0	18.0	20.0	50
			55	9.4	0.95	29.7	17.6	19.8	22.0	55
			60	8.6	0.88	32.4	19.2	21.6	24.0	60
			65	7.9	0.81	35.1	20.8	23.4	26.0	65
			70	7.4	0.75	37.8	22.4	25.2	28.0	70
50		25	75	6.9	0.70	40.5	24.0	27.0	30.0	75
			80	6.4	0.66	43.2	25.6	28.8	32.0	80
			90	5.7	0.58	48.6	28.8	32.4	36.0	90
			20	34.3	3.50	10.8	6.4	7.2	8.0	SWL 22-20
			25	27.5	2.80	13.5	8.0	9.0	10.0	25
	52	26	30	22.9	2.33	16.2	9.6	10.8	12.0	30
			35	19.6	2.00	18.9	11.2	12.6	14.0	35
			40	17.2	1.75	21.6	12.8	14.4	16.0	40
			45	15.3	1.56	24.3	14.4	16.2	18.0	45
			50	13.7	1.40	27.0	16.0	18.0	20.0	50
54		27	55	12.5	1.27	29.7	17.6	19.8	22.0	55
			60	11.4	1.17	32.4	19.2	21.6	24.0	60
			65	10.6	1.08	35.1	20.8	23.4	26.0	65
			70	9.8	1.00	37.8	22.4	25.2	28.0	70
			75	9.2	0.93	40.5	24.0	27.0	30.0	75
	56	28	80	8.6	0.88	43.2	25.6	28.8	32.0	80
			90	7.6	0.78	48.6	28.8	32.4	36.0	90
			100	6.9	0.70	54.0	32.0	36.0	40.0	100
			10	34.3	3.50	5.4	3.2	3.6	4.0	SWL 24-10
			15	22.9	2.33	8.1	4.8	5.4	6.0	15
58		29	25	20.6	2.10	13.5	8.0	9.0	10.0	25
			30	17.2	1.75	16.2	9.6	10.8	12.0	30
			35	14.7	1.50	18.9	11.2	12.6	14.0	35
			40	12.9	1.31	21.6	12.8	14.4	16.0	40
			45	11.4	1.17	24.3	14.4	16.2	18.0	45
	60	30	50	10.3	1.05	27.0				