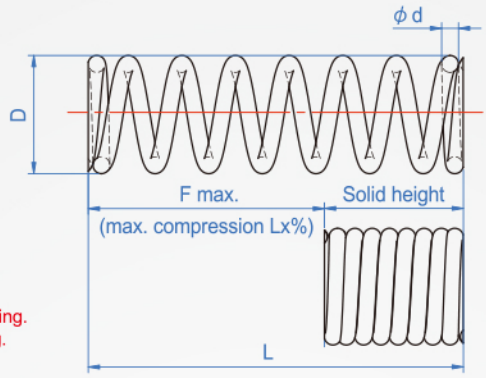
35~40% Compression

CB136

6/9



Material	Heat resistance	Curl direction
SWP Piano wire JIS G 3522	80°	Right

◆ D Tolerance：Below φ 16 $^{+0}_{-0.5}$mm

◆ L：50以下±1.5mm

◆ End grinding：Wire diameter below φ 0.75 No grinding.
Wire diameter above φ 0.8 is grinding.

◆ Frequency of use：About 100 million times.

How to order

CB136 - 4 - 15 - 0.50
TYPE D L d

Unit : mm

D	L	d	Solid height	max. compression L x %	max. compression F max.	Load N/max	Modulus ±10%
3	5	0.30	1.7	40%	2.0	2.9	1.5 N/mm
	10	0.40	5.4	40%	4.0	5.9	
	15	0.45	9.5	40%	6.0	8.8	
	20	0.45	9.5	40%	8.0	11.8	
	25	0.50	16.2	40%	10.0	14.7	
4	5	0.40	2.7	40%	2.0	2.9	1.5 N/mm
	10	0.40	2.7	40%	4.0	5.9	
	15	0.50	6.5	40%	6.0	8.8	
	20	0.55	9.6	40%	8.0	11.8	
	25	0.55	9.6	40%	10.0	14.7	
	30	0.60	15.0	40%	12.0	17.7	
	35	0.60	15.0	40%	14.0	20.6	
	40	0.65	22.1	40%	16.0	23.5	
5	5	0.45	2.4	40%	2.0	3.9	2.0 N/mm
	10	0.50	3.3	40%	4.0	7.8	
	15	0.60	6.3	40%	6.0	11.8	
	20	0.60	6.3	40%	8.0	15.7	
	25	0.70	12.6	40%	10.0	19.6	
	30	0.70	12.6	40%	12.0	23.5	
	35	0.75	17.3	40%	14.0	27.5	
	40	0.75	17.3	35%	14.0	27.5	
	45	0.80	24.9	35%	15.7	30.4	
	50	0.80	24.9	35%	17.5	34.3	
	55	0.85	32.3	35%	19.2	37.3	
	60	0.85	34.5	35%	21.0	41.2	
	65	0.85	34.5	35%	22.7	44.1	
	70	0.90	44.6	35%	24.5	48.1	
6	5	0.50	2.4	40%	2.0	3.9	2.0 N/mm
	10	0.60	4.3	40%	4.0	7.8	
	15	0.60	4.3	40%	6.0	11.8	
	20	0.70	7.7	40%	8.0	15.7	
	25	0.70	7.7	40%	10.0	19.6	
	30	0.80	14.0	40%	12.0	23.5	
	35	0.80	14.0	40%	14.0	27.5	
	40	0.85	18.7	40%	16.0	31.4	
	45	0.85	18.7	40%	18.0	35.3	
	50	0.90	24.8	40%	20.0	39.2	
	55	0.90	24.8	35%	19.2	37.3	
	60	0.90	24.8	35%	21.0	41.2	
	65	0.90	26.1	35%	22.7	44.1	
	70	1.00	43.0	35%	24.5	48.1	
	80	1.00	39.7	35%	28.0	54.9	
8	10	0.70	4.0	40%	4.0	7.8	2.0 N/mm
	15	0.80	6.8	40%	6.0	11.8	
	20	0.80	6.8	40%	8.0	15.7	
	25	0.80	6.8	40%	10.0	19.6	
	30	0.90	10.8	40%	12.0	23.5	
	35	0.90	10.8	40%	14.0	27.5	
	40	1.00	17.5	40%	16.0	31.4	

Unit : mm

D	L	d	Solid height	max. compression L x %	max. compression F max.	Load N/max	Modulus ±10%
8	45	1.00	17.5	40%	18.0	35.3	2.0 N/mm
	50	1.00	17.5	40%	20.0	39.2	
	55	1.10	27.5	40%	22.0	43.1	
	60	1.10	27.5	40%	24.0	47.1	
	65	1.10	27.5	40%	26.0	51.0	
	70	1.10	27.5	40%	28.0	54.9	
	80	1.20	42.0	40%	32.0	62.8	
10	10	0.85	5.0	40%	4.0	7.8	2.0 N/mm
	15	0.90	6.3	40%	6.0	11.8	
	20	0.90	6.3	40%	8.0	15.7	
	25	1.00	10.0	40%	10.0	19.6	
	30	1.00	10.0	40%	12.0	23.5	
	35	1.00	10.0	40%	14.0	27.5	
	40	1.00	10.0	40%	16.0	31.4	
	45	1.10	14.3	40%	18.0	35.3	
	50	1.10	14.3	40%	20.0	39.2	
	55	1.20	21.6	40%	22.0	43.1	
	60	1.20	21.6	40%	24.0	47.1	
	65	1.20	21.6	40%	26.0	51.0	
	70	1.30	32.5	40%	28.0	54.9	
	80	1.30	32.5	40%	32.0	62.8	
13	15	1.00	6.0	40%	6.0	11.8	2.0 N/mm
	20	1.10	7.5	40%	8.0	15.7	
	25	1.10	7.5	40%	10.0	19.6	
	30	1.20	11.1	40%	12.0	23.5	
	35	1.20	11.1	40%	14.0	27.5	
	40	1.20	11.1	40%	16.0	31.4	
	45	1.20	11.1	40%	18.0	35.3	
	50	1.30	15.6	40%	20.0	39.2	
	55	1.30	15.6	40%	22.0	43.1	
	60	1.30	15.6	40%	24.0	47.1	
	65	1.40	21.0	40%	26.0	51.0	
	70	1.40	21.0	40%	28.0	54.9	
	80	1.40	21.0	40%	32.0	62.8	
16	15	1.2	7.5	40%	6.0	11.8	2.0 N/mm
	20	1.3	8.5	40%	8.0	15.7	
	25	1.4	12.6	40%	10.0	19.6	
	30	1.4	12.6	40%	12.0	23.5	
	35	1.4	12.6	40%	14.0	27.5	
	40	1.4	12.6	40%	16.0	31.4	
	45	1.6	22.4	40%	18.0	35.3	
	50	1.6	22.4	40%	20.0	39.2	
	55	1.6	22.4	40%	22.0	43.1	
	60	1.7	28.9	40%	24.0	47.1	
	65	1.7	28.9	40%	26.0	51.0	
	70	1.7	28.9	40%	28.0	54.9	
	80	1.7	28.9	40%	32.0	62.8	

※Load calculation formula：Load(N) = Modulus x Compression

※Conversion：kgf=N x 0.102

※Solid height is the reference value,there will be little difference in the production.

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