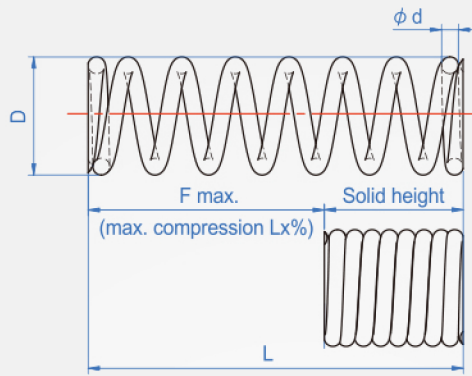


75% Compression
CB132
2/9 (Lightest)



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



How to order

1
2
3

CB132 - 3 - 15 - 0.23

TYPE D L d

- ◆ D Tolerance : Below $\phi 16$ $\begin{matrix} +0 \\ -0.5\text{mm} \end{matrix}$
- ◆ L : 50以下 $\pm 1.5\text{mm}$
- ◆ End grinding : **No grinding**
- ◆ Frequency of use : About 100 million times.

1 2 3			Unit : mm				
D	L	d	Solid height	max.compression L x %	F max.	Load N/max	Modulus $\pm 10\%$
3	5	0.16	1.0	75%	3.75	0.38	0.1 N/mm
	10	0.20	2.2	75%	7.5	0.75	
	15	0.23	4.0	75%	11.2	1.08	
	20	0.23	4.0	75%	15.0	1.47	
	25	0.25	5.9	75%	18.7	1.86	
	30	0.26	7.1	75%	22.5	2.26	
4	5	0.20	1.1	75%	3.8	0.39	0.1 N/mm
	10	0.23	1.9	75%	7.5	0.78	
	15	0.23	1.9	75%	11.2	1.08	
	20	0.25	2.7	75%	15.0	1.47	
	25	0.29	5.0	75%	18.7	1.86	
	30	0.29	5.0	75%	22.5	2.26	
	35	0.32	8.1	75%	26.2	2.55	
	40	0.32	8.1	75%	30.0	2.94	
5	10	0.25	1.7	75%	7.5	0.78	0.1 N/mm
	15	0.25	1.7	75%	11.2	1.08	
	20	0.30	3.2	75%	15.0	1.47	
	25	0.30	3.2	75%	18.7	1.86	
	30	0.35	6.3	75%	22.5	2.26	
	35	0.35	6.3	75%	26.2	2.55	
	40	0.35	6.7	75%	30.0	2.94	
	45	0.35	7.0	75%	33.7	3.33	
	50	0.40	11.2	75%	37.5	3.73	
	6	10	0.30	2.1	75%	7.5	
15		0.32	2.8	75%	11.2	1.08	
20		0.32	2.8	75%	15.0	1.47	
25		0.35	4.1	75%	18.7	1.86	
30		0.40	7.2	75%	22.5	2.26	
35		0.40	7.2	75%	26.2	2.55	
40		0.40	7.2	75%	30.0	2.94	
45		0.40	7.2	75%	33.7	3.33	
50		0.40	7.2	75%	37.5	3.73	
55		0.45	12.2	75%	41.2	4.02	
60		0.45	12.2	75%	45.0	4.41	
65		0.45	12.2	75%	48.7	4.81	
70		0.45	12.2	75%	52.5	5.20	
8		10	0.35	2.1	75%	7.5	0.78
	15	0.40	3.5	75%	11.2	1.08	
	20	0.40	3.5	75%	15.0	1.47	
	25	0.40	5.7	75%	18.7	1.86	
	30	0.45	5.7	75%	22.5	2.26	
	35	0.45	5.7	75%	26.2	2.55	

1 2 3			Unit : mm				
D	L	d	Solid height	max. compression L x %	F max.	Load N/max	Modulus $\pm 10\%$
8	40	0.45	5.7	75%	30.0	2.94	0.1 N/mm
	45	0.45	5.7	75%	33.7	3.33	
	50	0.50	9.0	75%	37.5	3.73	
	55	0.50	9.0	75%	41.2	4.02	
	60	0.50	9.0	75%	45.0	4.41	
	65	0.50	9.0	75%	48.7	4.81	
10	70	0.50	9.0	75%	52.5	5.20	0.2 N/mm
	15	0.50	3.0	75%	11.2	2.16	
	20	0.55	4.6	75%	15.0	2.94	
	25	0.55	4.6	75%	18.7	3.63	
	30	0.60	6.6	75%	22.5	4.41	
	35	0.60	6.6	75%	26.5	5.10	
	40	0.65	9.1	75%	30.0	5.88	
	45	0.65	9.1	75%	33.7	6.57	
	50	0.65	9.1	75%	37.5	7.35	
	55	0.70	12.6	75%	41.2	8.04	
13	60	0.70	12.6	75%	45.0	8.83	0.2 N/mm
	65	0.70	12.6	75%	48.7	9.51	
	70	0.70	12.6	75%	52.5	10.30	
	20	0.60	3.9	75%	15.0	2.94	
	25	0.65	5.1	75%	18.7	3.63	
	30	0.65	5.1	75%	22.5	4.41	
	35	0.70	6.7	75%	26.2	5.10	
	40	0.75	8.7	75%	30.0	5.88	
	45	0.75	8.7	75%	33.7	6.57	
	50	0.80	11.6	75%	37.5	7.35	
	55	0.80	11.6	75%	41.2	8.04	
	60	0.80	11.6	75%	45.0	8.83	
	65	0.85	15.3	75%	48.7	9.51	
	70	0.85	15.3	75%	52.5	10.30	
16	20	0.65	3.6	75%	15.0	2.94	0.2 N/mm
	25	0.70	4.6	75%	18.7	3.63	
	30	0.75	5.7	75%	22.5	4.41	
	35	0.80	7.0	75%	26.2	5.10	
	40	0.85	9.0	75%	30.0	5.88	
	45	0.85	9.0	75%	33.7	6.57	
	50	0.90	11.3	75%	37.5	7.35	
	55	0.90	11.3	75%	41.2	8.04	
	60	0.90	11.3	75%	45.0	8.83	
	65	0.90	11.3	75%	48.7	9.51	
70	0.90	11.3	75%	52.5	10.30		

Example : CB132-5-30-0.35
 Length 30 (ex. Tensile 5mm) to load 25
 Load=Modulus x Extension
 0.5N=0.1N/mm x 5mm

*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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