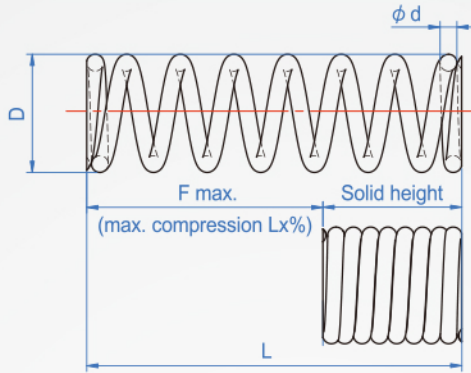




50~60% Compression

CC153

3/9



Material	Heat resistance	Curl direction
SUS-WP JIS G 4314	80°	Right



How to order



- ◆ 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 %	Load N/max F max.	Modulus $\pm 10\%$
2	5	0.18	2	50%	2.5	0.49
	10	0.18	2	50%	5	0.98
	15	0.23	6	50%	7.5	1.5
	20	0.23	6	50%	10	2
	25	0.26	11.2	50%	12.5	2.5
	30	0.26	11.2	50%	15	2.9
3	5	0.23	1.6	60%	3	0.9
	10	0.25	2.1	60%	6	1.8
	15	0.30	4.5	60%	9	2.6
	20	0.30	4.5	60%	12	3.5
	25	0.32	6.4	60%	15	4.4
	30	0.32	6.4	60%	18	5.3
	35	0.35	9.8	60%	21	6.2
	40	0.35	9.8	60%	24	7.1
4	5	0.26	1.4	60%	3	0.9
	10	0.29	2	60%	6	1.8
	15	0.32	3	60%	9	2.6
	20	0.38	6.1	60%	12	3.5
	25	0.38	6.1	60%	15	4.4
	30	0.40	8	60%	18	5.3
	35	0.40	8	60%	21	6.2
	40	0.45	14.4	60%	24	7.1
	45	0.45	14.4	60%	27	7.9
	50	0.45	14.4	60%	30	8.8
5	5	0.30	1.65	60%	3	0.9
	10	0.35	2.71	60%	6	1.8
	15	0.38	3.61	60%	9	2.6
	20	0.38	3.61	60%	12	3.5
	25	0.45	7.43	60%	15	4.4
	30	0.45	7.43	60%	18	5.3
	35	0.50	12.25	60%	21	6.2
	40	0.50	12.25	60%	24	7.1
	45	0.50	12.25	60%	27	7.9
	50	0.55	19.53	60%	30	8.8
6	5	0.32	1.5	60%	3	0.9
	10	0.40	3	60%	6	1.8
	15	0.40	3	60%	9	2.6
	20	0.50	7	60%	12	3.5
	25	0.50	7	60%	15	4.4
	30	0.50	7	60%	18	5.3
	35	0.55	11	60%	21	6.2
	40	0.55	11	60%	24	7.1
	45	0.60	17.4	60%	27	7.9
	50	0.60	17.4	60%	30	8.8
8	10	0.45	2.6	60%	6	1.8
	15	0.50	3.6	60%	9	2.6
	20	0.50	3.6	60%	12	3.5
	25	0.55	5.9	60%	15	4.4
	30	0.65	10.4	60%	18	5.3
	35	0.65	10.4	60%	21	6.2
	40	0.70	15.4	60%	24	7.1
	45	0.75	21	60%	22	7.9
	50	0.75	21	60%	27	8.8
	60	0.80	27.6	60%	31	10.6

1 2 3			Unit : mm				
D	L	d	Solid height	Max. Compression L x %	Load N/max F max.	Modulus $\pm 10\%$	
8	70	0.80	27.6	60%	40	12.4	0.29 N/mm
	80	0.80	27.6	60%	48	14.1	
	10	0.55	3.3	60%	6	1.8	
	15	0.60	4.2	60%	9	2.6	
	20	0.65	6.2	60%	12	3.5	
	25	0.65	6.2	60%	15	4.4	
10	30	0.70	8.4	60%	18	5.3	0.29 N/mm
	35	0.70	8.4	60%	21	6.2	
	40	0.70	8.4	60%	24	7.1	
	45	0.80	15.2	60%	27	7.9	
	50	0.80	15.2	60%	30	8.8	
	60	0.85	20.4	60%	36	10.6	
	70	0.85	20.4	60%	42	12.4	
	80	0.85	20.4	60%	48	14.1	
12	15	0.60	3.5	60%	9	2.6	0.29 N/mm
	20	0.70	5.6	60%	12	3.5	
	25	0.70	5.6	60%	15	4.4	
	30	0.80	9.6	60%	18	5.3	
	35	0.80	9.6	60%	21	6.2	
	40	0.80	9.6	60%	24	7.1	
	45	0.90	16.2	60%	27	7.9	
	50	0.90	16.2	60%	30	8.8	
	60	0.90	16.2	60%	36	10.6	
	70	1.00	26	60%	42	12.4	
13	80	1.00	26	60%	48	14.1	0.29 N/mm
	15	0.70	4.7	60%	9	2.6	
	20	0.70	4.7	60%	12	3.5	
	25	0.80	8	60%	15	4.4	
	30	0.80	8	60%	18	5.3	
	35	0.80	8	60%	21	6.2	
	40	0.90	12.8	60%	24	7.1	
	45	0.90	12.8	60%	27	7.9	
	50	0.90	12.8	60%	30	8.8	
	60	1.00	21	60%	36	10.6	
16	70	1.00	21	60%	42	12.4	0.29 N/mm
	80	1.00	21	60%	48	14.1	
	15	0.75	4.3	60%	9	2.6	
	20	0.80	5.4	60%	12	3.5	
	25	0.90	7.7	60%	15	4.4	
	30	0.90	7.7	60%	18	5.3	
	35	1.00	12	60%	21	6.2	
	40	1.00	12	60%	24	7.1	
	45	1.00	12	60%	27	7.9	
	50	1.10	19	60%	30	8.8	
20	60	1.10	19	60%	36	10.6	0.49 N/mm
	70	1.20	26.4	60%	42	12.4	
	80	1.20	26.4	60%	48	14.1	
	20	1.00	6	60%	12	5.9	
	25	1.10	7.7	60%	15	7.4	
	30	1.10	7.7	60%	18	8.8	
	35	1.20	10.8	60%	21	10.3	
	40	1.20	10.8	60%	24	11.8	
	45	1.30	14.3	60%	27	13.2	
	50	1.30	14.3	60%	30	14.7	
60	1.40	19.6	60%	36	17.7		
70	1.40	19.6	60%	42	20.6		
80	1.50	27	60%	48	23.5		

Example : CC153-5-30-0.45
 Length 30 (ex. Tensile 5mm) to load 25
 Load=Modulus x Extension
 1.45N=0.29N/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.