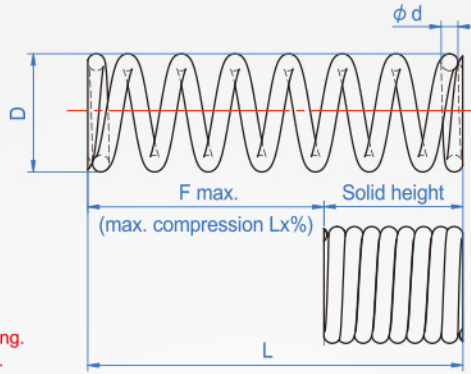


28~35% Compression

CC157

7/9



| 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 : Wire diameter below $\phi 0.75$ No grinding.
Wire diameter above $\phi 0.8$ is 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 $\pm 10\%$ | |
| 4 | 5 | 0.40 | 2.2 | 35% | 1.75 | 3.4 | 2.0 N/mm | |
| | 10 | 0.50 | 4.9 | 35% | 3.5 | 6.8 | | |
| | 15 | 0.55 | 7.5 | 35% | 5.25 | 10.3 | | |
| | 20 | 0.60 | 11.1 | 35% | 7.0 | 13.7 | | |
| | 25 | 0.60 | 11.1 | 35% | 8.75 | 17.2 | | |
| | 30 | 0.65 | 16.3 | 35% | 10.5 | 20.6 | | |
| 5 | 5 | 0.45 | 2.25 | 35% | 1.75 | 3.4 | 2.0 N/mm | |
| | 10 | 0.50 | 3.13 | 35% | 3.5 | 6.8 | | |
| | 15 | 0.65 | 8.45 | 35% | 5.25 | 10.3 | | |
| | 20 | 0.65 | 8.45 | 35% | 7.0 | 13.7 | | |
| | 25 | 0.70 | 11.9 | 35% | 8.75 | 17.2 | | |
| | 30 | 0.70 | 11.9 | 35% | 10.5 | 20.6 | | |
| | 35 | 0.75 | 16.5 | 35% | 12.25 | 24.0 | | |
| | 40 | 0.80 | 23.2 | 35% | 14.0 | 27.5 | | |
| | 45 | 0.80 | 23.2 | 35% | 15.75 | 30.9 | | |
| | 50 | 0.85 | 31.45 | 35% | 17.5 | 34.3 | | |
| 6 | 5 | 0.55 | 2.7 | 35% | 1.7 | 4.9 | 2.9 N/mm | |
| | 10 | 0.70 | 5.6 | 35% | 3.5 | 10.8 | | |
| | 15 | 0.75 | 7.4 | 35% | 5.2 | 15.7 | | |
| | 20 | 0.75 | 7.4 | 35% | 7.0 | 20.6 | | |
| | 25 | 0.85 | 12.8 | 35% | 8.7 | 25.5 | | |
| | 30 | 0.85 | 12.8 | 35% | 10.5 | 31.4 | | |
| | 35 | 0.90 | 16.7 | 35% | 12.2 | 36.3 | | |
| | 40 | 0.90 | 16.8 | 35% | 14.0 | 41.2 | | |
| | 45 | 1.00 | 27.8 | 35% | 15.8 | 46.1 | | |
| | 50 | 1.00 | 28.0 | 35% | 17.5 | 52.0 | | |
| | 60 | 1.00 | 28.0 | 30% | 18.0 | 53.0 | | |
| | 70 | 1.10 | 46.2 | 28% | 20.0 | 58.8 | | |
| | 10 | 0.85 | 6.4 | 35% | 3.5 | 10.8 | | 2.9 N/mm |
| | 15 | 0.90 | 7.9 | 35% | 5.2 | 15.7 | | |
| 20 | 0.90 | 7.9 | 35% | 7.0 | 20.6 | | | |
| 25 | 0.90 | 7.9 | 35% | 8.7 | 25.5 | | | |
| 30 | 1.00 | 12.0 | 35% | 10.5 | 31.4 | | | |
| 35 | 1.00 | 12.0 | 35% | 12.2 | 36.3 | | | |
| 40 | 1.10 | 18.7 | 35% | 14.0 | 41.2 | | | |
| 45 | 1.10 | 18.7 | 35% | 15.8 | 46.1 | | | |
| 50 | 1.10 | 18.7 | 35% | 17.5 | 52.0 | | | |
| 60 | 1.20 | 28.2 | 35% | 21.0 | 61.8 | | | |
| 70 | 1.30 | 42.0 | 35% | 24.5 | 72.6 | | | |
| 10 | 0.90 | 5.2 | 35% | 3.5 | 10.8 | 2.9 N/mm | | |
| 15 | 1.00 | 7.3 | 35% | 5.2 | 15.7 | | | |
| 20 | 1.00 | 7.3 | 35% | 7.0 | 20.6 | | | |

| 1 | 2 | 3 | Unit : mm | | | | | |
|----|------|------|--------------|------------------------|--------|------------|--------------------|----------|
| D | L | d | Solid height | Max. Compression L x % | F max. | Load N/max | Modulus $\pm 10\%$ | |
| 10 | 25 | 1.10 | 10.5 | 35% | 8.7 | 25.5 | 2.9 N/mm | |
| | 30 | 1.10 | 10.5 | 35% | 10.5 | 31.4 | | |
| | 35 | 1.20 | 15.0 | 35% | 12.2 | 36.3 | | |
| | 40 | 1.20 | 15.0 | 35% | 14.0 | 41.2 | | |
| | 45 | 1.30 | 21.8 | 35% | 15.8 | 46.1 | | |
| | 50 | 1.30 | 21.8 | 35% | 17.5 | 52.0 | | |
| 13 | 60 | 1.40 | 30.8 | 35% | 21.0 | 61.8 | 2.9 N/mm | |
| | 70 | 1.40 | 30.8 | 35% | 24.5 | 72.6 | | |
| | 15 | 1.20 | 8.4 | 35% | 5.2 | 15.7 | | 2.9 N/mm |
| | 20 | 1.30 | 11.1 | 35% | 7.0 | 20.6 | | |
| | 25 | 1.30 | 11.1 | 35% | 8.7 | 25.5 | | |
| | 30 | 1.40 | 15.1 | 35% | 10.5 | 31.4 | | |
| | 35 | 1.40 | 15.1 | 35% | 12.2 | 36.3 | | |
| | 40 | 1.40 | 15.1 | 35% | 14.0 | 41.2 | | |
| 45 | 1.40 | 15.1 | 35% | 15.8 | 46.1 | | | |
| 16 | 50 | 1.40 | 15.1 | 35% | 17.5 | 52.0 | 2.9 N/mm | |
| | 60 | 1.60 | 27.2 | 35% | 21.0 | 61.8 | | |
| | 70 | 1.60 | 27.2 | 35% | 24.5 | 72.6 | | |
| | 80 | 1.70 | 36.2 | 35% | 28.0 | 82.4 | | |
| | 15 | 1.40 | 9.6 | 35% | 5.2 | 15.7 | | 4.9 N/mm |
| | 20 | 1.50 | 12.4 | 35% | 7.0 | 20.6 | | |
| | 25 | 1.50 | 12.4 | 35% | 8.7 | 25.5 | | |
| | 30 | 1.50 | 12.4 | 35% | 10.5 | 31.4 | | |
| | 35 | 1.60 | 15.6 | 35% | 12.2 | 36.3 | | |
| | 40 | 1.60 | 15.6 | 35% | 14.0 | 41.2 | | |
| | 45 | 1.70 | 20.4 | 35% | 15.8 | 46.1 | | |
| | 50 | 1.70 | 20.4 | 35% | 17.5 | 52.0 | | |
| | 60 | 1.80 | 26.1 | 35% | 21.0 | 61.8 | | |
| | 70 | 1.80 | 26.1 | 35% | 24.5 | 72.6 | | |
| 80 | 1.80 | 26.1 | 35% | 28.0 | 82.4 | | | |
| 20 | 1.80 | 11.3 | 35% | 7.0 | 34.3 | 4.9 N/mm | | |
| 25 | 1.90 | 13.3 | 35% | 8.8 | 43.1 | | | |
| 30 | 1.90 | 13.3 | 35% | 10.5 | 52.0 | | | |
| 35 | 2.00 | 16.0 | 35% | 12.3 | 59.8 | | | |
| 40 | 2.00 | 16.0 | 35% | 14.0 | 68.6 | | | |
| 45 | 2.20 | 23.7 | 35% | 15.8 | 77.5 | | | |
| 50 | 2.20 | 23.7 | 35% | 17.5 | 86.3 | | | |
| 60 | 2.20 | 23.7 | 35% | 21.0 | 103.0 | | | |
| 70 | 2.40 | 34.8 | 35% | 24.5 | 120.6 | | | |
| 80 | 2.40 | 34.8 | 35% | 28.0 | 137.3 | | | |

Example : CC157-5-30-0.7
 Length 30 (ex. Tensile 5mm) to load 25
 Load=Modulus x Extension
 10N=2N/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.