

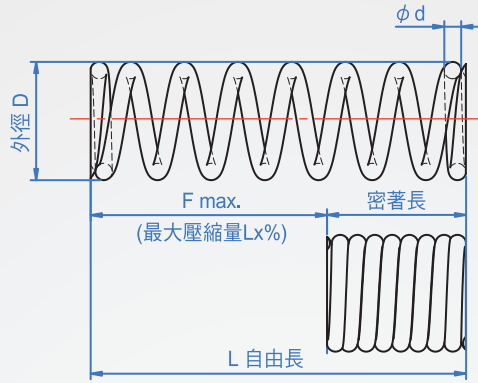


40%壓縮量

# CC155

5/9

- ◆外徑D容許公差： $\phi 16$ 以下  $\begin{matrix} +0 \\ -0.5\text{mm} \end{matrix}$
- ◆自由長度L：50以下  $\pm 1.5\text{mm}$
- ◆端部研削：線徑 $\phi 0.75$ 以下無研削  
線徑 $\phi 0.8$ 開始有研削
- ◆使用回數：約100萬回。



### How to order

1 2 3  
 CC155 - 3 - 15 - 0.40  
 TYPE 外徑 長度 線徑

版權所有 重製必究

| 單位：mm |    |      |       |                |             |            |
|-------|----|------|-------|----------------|-------------|------------|
| 1     | 2  | 3    | 4     | 5              | 6           | 8          |
| 外徑D   | L  | 線徑d  | 密著長   | 最大壓縮量<br>L x % | 荷重<br>N/max | 係數<br>±10% |
| 2     | 5  | 0.20 | 1.65  | 40%            | 2           | 0.98       |
|       | 10 | 0.26 | 5.07  | 40%            | 4           | 1.96       |
|       | 15 | 0.26 | 5.07  | 40%            | 6           | 2.94       |
|       | 20 | 0.30 | 9.9   | 40%            | 8           | 3.92       |
|       | 25 | 0.32 | 14.1  | 40%            | 10          | 4.9        |
| 3     | 30 | 0.32 | 14.1  | 40%            | 12          | 5.88       |
|       | 5  | 0.30 | 2     | 40%            | 2           | 2.0        |
|       | 10 | 0.35 | 3.7   | 40%            | 4           | 3.9        |
|       | 15 | 0.40 | 6.6   | 40%            | 6           | 5.9        |
|       | 20 | 0.40 | 6.6   | 40%            | 8           | 7.8        |
| 4     | 25 | 0.45 | 11.7  | 40%            | 10          | 9.8        |
|       | 30 | 0.45 | 11.7  | 40%            | 12          | 11.8       |
|       | 35 | 0.45 | 11.7  | 40%            | 14          | 13.7       |
|       | 40 | 0.50 | 20    | 40%            | 16          | 15.7       |
|       | 5  | 0.35 | 2.1   | 40%            | 2           | 2          |
| 5     | 10 | 0.45 | 5.3   | 40%            | 4           | 3.9        |
|       | 15 | 0.45 | 5.3   | 40%            | 6           | 5.9        |
|       | 20 | 0.50 | 8     | 40%            | 8           | 7.8        |
|       | 25 | 0.50 | 8     | 40%            | 10          | 9.8        |
|       | 30 | 0.55 | 12.7  | 40%            | 12          | 11.8       |
| 6     | 35 | 0.55 | 12.7  | 40%            | 14          | 13.7       |
|       | 40 | 0.60 | 19.8  | 40%            | 16          | 15.7       |
|       | 45 | 0.60 | 19.8  | 40%            | 18          | 17.7       |
|       | 50 | 0.60 | 19.8  | 40%            | 20          | 19.6       |
|       | 60 | 0.65 | 29.9  | 40%            | 24          | 23.5       |
| 8     | 5  | 0.40 | 2.2   | 40%            | 2           | 2          |
|       | 10 | 0.50 | 4.75  | 40%            | 4           | 3.9        |
|       | 15 | 0.50 | 4.75  | 40%            | 6           | 5.9        |
|       | 20 | 0.55 | 6.88  | 40%            | 8           | 7.8        |
|       | 25 | 0.55 | 6.88  | 40%            | 10          | 9.8        |
| 10    | 30 | 0.65 | 14.95 | 40%            | 12          | 11.8       |
|       | 35 | 0.65 | 14.95 | 40%            | 14          | 13.7       |
|       | 40 | 0.65 | 14.95 | 40%            | 16          | 15.7       |
|       | 45 | 0.70 | 21.7  | 40%            | 18          | 17.7       |
|       | 50 | 0.70 | 21.7  | 40%            | 20          | 19.6       |
| 12    | 60 | 0.75 | 30.75 | 40%            | 24          | 23.5       |
|       | 5  | 0.45 | 2.3   | 40%            | 2           | 2          |
|       | 10 | 0.55 | 4.4   | 40%            | 4           | 3.9        |
|       | 15 | 0.55 | 4.4   | 40%            | 6           | 5.9        |
|       | 20 | 0.65 | 8.5   | 40%            | 8           | 7.8        |
| 15    | 25 | 0.65 | 8.5   | 40%            | 10          | 9.8        |
|       | 30 | 0.70 | 12.6  | 40%            | 12          | 11.8       |
|       | 35 | 0.70 | 12.6  | 40%            | 14          | 13.7       |
|       | 40 | 0.70 | 12.6  | 40%            | 16          | 15.7       |
|       | 45 | 0.75 | 17.3  | 40%            | 18          | 17.7       |
| 20    | 50 | 0.75 | 17.3  | 40%            | 20          | 19.6       |
|       | 60 | 0.80 | 24.8  | 40%            | 24          | 23.5       |
|       | 70 | 0.80 | 24.8  | 40%            | 28          | 27.5       |
|       | 10 | 0.65 | 4.6   | 40%            | 4           | 3.9        |
|       | 15 | 0.75 | 8.3   | 40%            | 6           | 5.9        |
| 25    | 20 | 0.75 | 8.3   | 40%            | 8           | 7.8        |
|       | 25 | 0.75 | 8.3   | 40%            | 10          | 9.8        |
|       | 30 | 0.80 | 10.4  | 40%            | 12          | 11.8       |
|       | 35 | 0.80 | 10.4  | 40%            | 14          | 13.7       |
|       | 40 | 0.80 | 10.4  | 40%            | 16          | 15.7       |
| 30    | 45 | 0.85 | 14.5  | 40%            | 18          | 17.7       |
|       | 50 | 0.85 | 14.5  | 40%            | 20          | 19.6       |
|       | 60 | 0.90 | 18    | 40%            | 24          | 23.5       |
|       | 70 | 1.00 | 30    | 40%            | 28          | 27.5       |
|       | 80 | 1.00 | 30    | 40%            | 32          | 31.4       |

| 單位：mm |    |      |      |                |             |            |
|-------|----|------|------|----------------|-------------|------------|
| 1     | 2  | 3    | 4    | 5              | 6           | 8          |
| 外徑D   | L  | 線徑d  | 密著長  | 最大壓縮量<br>L x % | 荷重<br>N/max | 係數<br>±10% |
| 10    | 10 | 0.75 | 4.7  | 40%            | 4           | 3.9        |
|       | 15 | 0.80 | 6.2  | 40%            | 6           | 5.9        |
|       | 20 | 0.80 | 6.2  | 40%            | 8           | 7.8        |
|       | 25 | 0.90 | 9.5  | 40%            | 10          | 9.8        |
|       | 30 | 0.90 | 9.5  | 40%            | 12          | 11.8       |
| 12    | 35 | 0.90 | 9.5  | 40%            | 14          | 13.7       |
|       | 40 | 1.00 | 15.5 | 40%            | 16          | 15.7       |
|       | 45 | 1.00 | 15.5 | 40%            | 18          | 17.7       |
|       | 50 | 1.00 | 15.5 | 40%            | 20          | 19.6       |
|       | 60 | 1.10 | 23.7 | 40%            | 24          | 23.5       |
| 15    | 70 | 1.10 | 23.7 | 40%            | 28          | 27.5       |
|       | 80 | 1.10 | 23.7 | 40%            | 32          | 31.4       |
|       | 15 | 0.90 | 6.5  | 40%            | 6           | 5.9        |
|       | 20 | 1.00 | 9.0  | 40%            | 8           | 7.8        |
|       | 25 | 1.00 | 9.0  | 40%            | 10          | 9.8        |
| 20    | 30 | 1.10 | 12.5 | 40%            | 12          | 11.8       |
|       | 35 | 1.10 | 12.5 | 40%            | 14          | 13.7       |
|       | 40 | 1.20 | 17.0 | 40%            | 16          | 15.7       |
|       | 45 | 1.20 | 17.0 | 40%            | 18          | 17.7       |
|       | 50 | 1.20 | 17.0 | 40%            | 20          | 19.6       |
| 25    | 60 | 1.30 | 24.0 | 40%            | 24          | 23.5       |
|       | 70 | 1.30 | 24.0 | 40%            | 28          | 27.5       |
|       | 80 | 1.40 | 32.0 | 40%            | 32          | 31.4       |
|       | 15 | 0.90 | 5.4  | 40%            | 6           | 5.9        |
|       | 20 | 1.00 | 8.25 | 40%            | 8           | 7.8        |
| 30    | 25 | 1.00 | 8.25 | 40%            | 10          | 9.8        |
|       | 30 | 1.10 | 12.1 | 40%            | 12          | 11.8       |
|       | 35 | 1.10 | 12.1 | 40%            | 14          | 13.7       |
|       | 40 | 1.10 | 12.1 | 40%            | 16          | 15.7       |
|       | 45 | 1.20 | 16.8 | 40%            | 18          | 17.7       |
| 40    | 50 | 1.20 | 16.8 | 40%            | 20          | 19.6       |
|       | 60 | 1.20 | 16.8 | 40%            | 24          | 23.5       |
|       | 70 | 1.40 | 35   | 40%            | 28          | 27.5       |
|       | 80 | 1.40 | 35   | 40%            | 32          | 31.4       |
|       | 15 | 1.10 | 7.7  | 40%            | 6           | 5.9        |
| 50    | 20 | 1.10 | 7.7  | 40%            | 8           | 7.8        |
|       | 25 | 1.20 | 10.8 | 40%            | 10          | 9.8        |
|       | 30 | 1.20 | 10.8 | 40%            | 12          | 11.8       |
|       | 35 | 1.30 | 14.3 | 40%            | 14          | 13.7       |
|       | 40 | 1.30 | 14.3 | 40%            | 16          | 15.7       |
| 60    | 45 | 1.40 | 19.6 | 40%            | 18          | 17.7       |
|       | 50 | 1.40 | 19.6 | 40%            | 20          | 19.6       |
|       | 60 | 1.40 | 19.6 | 40%            | 24          | 23.5       |
|       | 70 | 1.50 | 27   | 40%            | 28          | 27.5       |
|       | 80 | 1.50 | 27   | 40%            | 32          | 31.4       |
| 80    | 20 | 1.60 | 10.4 | 40%            | 8           | 7.8        |
|       | 25 | 1.60 | 10.4 | 40%            | 10          | 9.8        |
|       | 30 | 1.70 | 12.8 | 40%            | 12          | 11.8       |
|       | 35 | 1.70 | 12.8 | 40%            | 14          | 13.7       |
|       | 40 | 1.80 | 15.3 | 40%            | 16          | 15.7       |
| 100   | 45 | 1.80 | 15.3 | 40%            | 18          | 17.7       |
|       | 50 | 2.00 | 23   | 40%            | 20          | 19.6       |
|       | 60 | 2.00 | 23   | 40%            | 24          | 23.5       |
|       | 70 | 2.20 | 35.2 | 40%            | 28          | 27.5       |
|       | 80 | 2.20 | 35.2 | 40%            | 32          | 31.4       |

※荷重的計算式：荷重(N)=係數x壓縮量  
 ※牛頓N轉換kgf：kgf=N x 0.102  
 ※密著長是參考值，製作時會有少許差異。

計算例：CC155-5-30-0.65  
 自由長30時(如壓縮5mm)到25時的荷重  
 荷重=係數×拉伸量  
 4.9N=0.98N/mm × 5mm