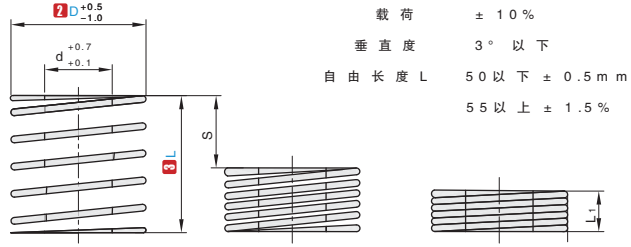


# JIS 标准矩形模具弹簧

## 超轻小载荷型

■超轻小载荷型



载荷  $\pm 1.0\%$   
 垂直度  $3^\circ$  以下  
 自由长度 L 50 以下  $\pm 0.5\text{ mm}$   
 55 以上  $\pm 1.5\%$

订购编号示例

|      |   |       |   |     |
|------|---|-------|---|-----|
| ①代号  | - | ② D   | - | ③ L |
| DSUK | - | D14.5 | - | L20 |

■压缩量 40% ~ 50%

| ①代号  | ② D  | ③ L | d   | 弹簧系数<br>N/mm<br>(kgf/mm) | 压紧长度<br>L1<br>(mm) | S=L×32% |               | S=L×36% |               | S=L×40% |               |       |
|------|------|-----|-----|--------------------------|--------------------|---------|---------------|---------|---------------|---------|---------------|-------|
|      |      |     |     |                          |                    | S       | 载荷 N<br>(kgf) | S       | 载荷 N<br>(kgf) | S       | 载荷 N<br>(kgf) |       |
|      |      |     |     |                          |                    | 使用次数    |               | 100 万次  |               | 50 万次   |               | 30 万次 |
| DSUK | 14.5 | 9   | 20  | 18.52                    | 8                  | 8       | 9.0           | 10.0    |               |         |               |       |
|      |      |     | 25  | 14.82                    | 10                 | 10      | 11.3          | 12.5    |               |         |               |       |
|      |      |     | 30  | 12.35                    | 12                 | 12      | 13.5          | 15.0    |               |         |               |       |
|      |      |     | 35  | 10.58                    | 14                 | 14      | 15.8          | 17.5    |               |         |               |       |
|      |      |     | 40  | 9.26                     | 16                 | 16      | 18.0          | 20.0    |               |         |               |       |
|      |      |     | 45  | 8.23                     | 18                 | 18      | 20.3          | 22.5    |               |         |               |       |
|      |      |     | 50  | 7.41                     | 20                 | 20      | 22.5          | 25.0    |               |         |               |       |
|      |      |     | 55  | 6.74                     | 22                 | 22      | 24.8          | 27.5    | 147.1         | 166.7   | 186.3         |       |
|      |      |     | 60  | 6.17                     | 24                 | 24      | 27.0          | 30.0    |               |         |               |       |
|      |      |     | 65  | 5.70                     | 26                 | 26      | 29.3          | 32.5    |               |         |               |       |
|      |      |     | 70  | 5.29                     | 28                 | 28      | 31.5          | 35.0    |               |         |               |       |
|      |      |     | 75  | 4.94                     | 30                 | 30      | 33.8          | 37.5    |               |         |               |       |
|      |      |     | 80  | 4.63                     | 32                 | 32      | 36.0          | 40.0    |               |         |               |       |
|      |      |     | 90  | 4.12                     | 36                 | 36      | 40.5          | 45.0    |               |         |               |       |
|      |      |     | 100 | 3.70                     | 40                 | 40      | 45.0          | 50.0    |               |         |               |       |
| DSUK | 17   | 11  | 125 | 2.96                     | 50                 | 50      | 56.3          | 62.5    |               |         |               |       |
|      |      |     | 25  | 21.80                    | 10                 | 10      | 11.3          | 12.5    |               |         |               |       |
|      |      |     | 30  | 18.16                    | 12                 | 12      | 13.5          | 15.0    |               |         |               |       |
|      |      |     | 35  | 15.57                    | 14                 | 14      | 15.8          | 17.5    |               |         |               |       |
|      |      |     | 40  | 13.62                    | 16                 | 16      | 18.0          | 20.0    |               |         |               |       |
|      |      |     | 45  | 12.11                    | 18                 | 18      | 20.3          | 22.5    |               |         |               |       |
|      |      |     | 50  | 10.90                    | 20                 | 20      | 22.5          | 25.0    |               |         |               |       |
|      |      |     | 55  | 9.91                     | 22                 | 22      | 24.8          | 27.5    |               |         |               |       |
|      |      |     | 60  | 9.08                     | 24                 | 24      | 27.0          | 30.0    | 215.7         | 245.2   | 274.6         |       |
|      |      |     | 65  | 8.38                     | 26                 | 26      | 29.3          | 32.5    |               |         |               |       |
|      |      |     | 70  | 7.78                     | 28                 | 28      | 31.5          | 35.0    |               |         |               |       |
|      |      |     | 75  | 7.27                     | 30                 | 30      | 33.8          | 37.5    |               |         |               |       |
|      |      |     | 80  | 6.81                     | 32                 | 32      | 36.0          | 40.0    |               |         |               |       |
|      |      |     | 90  | 6.05                     | 36                 | 36      | 40.5          | 45.0    |               |         |               |       |
|      |      |     | 100 | 5.45                     | 40                 | 40      | 45.0          | 50.0    |               |         |               |       |
| DSUK | 21   | 13  | 125 | 4.36                     | 50                 | 50      | 56.3          | 62.5    |               |         |               |       |
|      |      |     | 30  | 23.24                    | 12                 | 12      | 13.5          | 15.0    |               |         |               |       |
|      |      |     | 35  | 19.92                    | 14                 | 14      | 15.8          | 17.5    |               |         |               |       |
|      |      |     | 40  | 17.43                    | 16                 | 16      | 18.0          | 20.0    |               |         |               |       |
|      |      |     | 45  | 15.50                    | 18                 | 18      | 20.3          | 22.5    |               |         |               |       |
|      |      |     | 50  | 13.95                    | 20                 | 20      | 22.5          | 25.0    | 284.4         | 313.8   | 353.0         |       |
|      |      |     | 55  | 12.68                    | 22                 | 22      | 24.8          | 27.5    |               |         |               |       |
|      |      |     | 60  | 11.62                    | 24                 | 24      | 27.0          | 30.0    |               |         |               |       |
|      |      |     | 65  | 10.73                    | 26                 | 26      | 29.3          | 32.5    |               |         |               |       |

| ①代号  | ② D | ③ L  | d   | 弹簧系数<br>N/mm<br>(kgf/mm) | 压紧长度<br>L1<br>(mm) | S=L×32% |               | S=L×36% |               | S=L×40% |               |       |
|------|-----|------|-----|--------------------------|--------------------|---------|---------------|---------|---------------|---------|---------------|-------|
|      |     |      |     |                          |                    | S       | 载荷 N<br>(kgf) | S       | 载荷 N<br>(kgf) | S       | 载荷 N<br>(kgf) |       |
|      |     |      |     |                          |                    | 使用次数    |               | 100 万次  |               | 50 万次   |               | 30 万次 |
| DSUK | 21  | 13   | 70  | 9.96                     | 28                 | 28      | 31.5          | 35.0    |               |         |               |       |
|      |     |      | 75  | 9.30                     | 30                 | 30      | 33.8          | 37.5    |               |         |               |       |
|      |     |      | 80  | 8.72                     | 32                 | 32      | 36.0          | 40.0    |               |         |               |       |
|      |     |      | 90  | 7.75                     | 36                 | 36      | 40.5          | 45.0    | 284.4         | 313.8   | 353.0         |       |
|      |     |      | 100 | 6.97                     | 40                 | 40      | 45.0          | 50.0    |               |         |               |       |
|      |     |      | 125 | 5.58                     | 50                 | 50      | 56.3          | 62.5    |               |         |               |       |
|      |     |      | 150 | 4.65                     | 60                 | 60      | 67.5          | 75.0    |               |         |               |       |
|      |     |      | 30  | 34.87                    | 12                 | 12      | 13.5          | 15.0    |               |         |               |       |
|      |     |      | 35  | 29.89                    | 14                 | 14      | 15.8          | 17.5    |               |         |               |       |
|      |     |      | 40  | 26.15                    | 16                 | 16      | 18.0          | 20.0    |               |         |               |       |
| DSUK | 26  | 16.5 | 45  | 23.24                    | 18                 | 18      | 20.3          | 22.5    |               |         |               |       |
|      |     |      | 50  | 20.92                    | 20                 | 20      | 22.5          | 25.0    |               |         |               |       |
|      |     |      | 55  | 19.02                    | 22                 | 22      | 24.8          | 27.5    |               |         |               |       |
|      |     |      | 60  | 17.43                    | 24                 | 24      | 27.0          | 30.0    |               |         |               |       |
|      |     |      | 65  | 16.09                    | 26                 | 26      | 29.3          | 32.5    |               |         |               |       |
|      |     |      | 70  | 14.94                    | 28                 | 28      | 31.5          | 35.0    |               |         |               |       |
|      |     |      | 75  | 13.95                    | 30                 | 30      | 33.8          | 37.5    | 411.9         | 470.7   | 519.8         |       |
|      |     |      | 80  | 13.08                    | 32                 | 32      | 36.0          | 40.0    |               |         |               |       |
|      |     |      | 90  | 11.62                    | 36                 | 36      | 40.5          | 45.0    |               |         |               |       |
|      |     |      | 100 | 10.46                    | 40                 | 40      | 45.0          | 50.0    |               |         |               |       |
| DSUK | 32  | 21   | 110 | 9.51                     | 44                 | 44      | 49.5          | 55.0    |               |         |               |       |
|      |     |      | 125 | 8.37                     | 50                 | 50      | 56.3          | 62.5    |               |         |               |       |
|      |     |      | 150 | 6.97                     | 60                 | 60      | 67.5          | 75.0    |               |         |               |       |
|      |     |      | 175 | 5.98                     | 70                 | 70      | 78.8          | 87.5    |               |         |               |       |
|      |     |      | 200 | 5.23                     | 80                 | 80      | 90.0          | 100.0   |               |         |               |       |
|      |     |      | 40  | 34.87                    | 16                 | 16      | 18.0          | 20.0    |               |         |               |       |
|      |     |      | 45  | 30.99                    | 18                 | 18      | 20.3          | 22.5    |               |         |               |       |
|      |     |      | 50  | 27.89                    | 20                 | 20      | 22.5          | 25.0    |               |         |               |       |
|      |     |      | 60  | 23.24                    | 24                 | 24      | 27.0          | 30.0    |               |         |               |       |
|      |     |      | 70  | 19.92                    | 28                 | 28      | 31.5          | 35.0    |               |         |               |       |
| DSUK | 32  | 21   | 80  | 17.43                    | 32                 | 32      | 36.0          | 40.0    |               |         |               |       |
|      |     |      | 90  | 15.50                    | 36                 | 36      | 40.5          | 45.0    |               |         |               |       |
|      |     |      | 100 | 13.95                    | 40                 | 40      | 45.0          | 50.0    | 559.0         | 627.6   | 696.3         |       |
|      |     |      | 110 | 12.68                    | 44                 | 44      | 49.5          | 55.0    |               |         |               |       |
|      |     |      | 125 | 11.16                    | 50                 | 50      | 56.3          | 62.5    |               |         |               |       |
|      |     |      | 150 | 9.30                     | 60                 | 60      | 67.5          | 75.0    |               |         |               |       |
|      |     |      | 175 | 7.97                     | 70                 | 70      | 78.8          | 87.5    |               |         |               |       |
|      |     |      | 200 | 6.97                     | 80                 | 80      | 90.0          | 100.0   |               |         |               |       |
|      |     |      | 250 | 5.58                     | 100                | 100     | 112.5         | 125.0   |               |         |               |       |
|      |     |      | 300 | 4.65                     | 120                | 120     | 135.0         | 150.0   |               |         |               |       |

J2  
弹  
簧