

外径基准型 · L尺寸指定型
 外径基准不锈钢型 · L尺寸固定型

压缩弹簧
 加长型压缩弹簧

压缩弹簧

| 代码 | 类型 | 材质 | 表面处理 | 允许位移量 |
|------|--------|------------|------|---------|
| YFWR | 外径基准型 | SWP-A | 发黑 | F=L×60% |
| YFWF | | | | F=L×50% |
| YFWT | | | | F=L×40% |
| YFUR | L尺寸指定型 | SUS304-WPB | — | F=L×60% |
| YFUF | | | | F=L×50% |
| YFUT | | | | F=L×40% |



D尺寸公差

| D | 公差 |
|------|------|
| 14以下 | ±0.3 |
| 15以上 | ±0.4 |

弹簧常数计算方法

$$\text{弹簧常数} = \frac{\text{最大负载N(kgf)}}{L \times \text{容许位移量\%}}$$

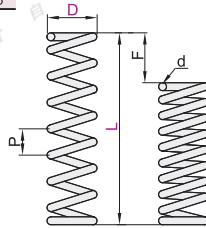
① 负载(kgf)=负载N×0.101972

L尺寸公差

| L | 公差 |
|---------|----|
| 50以下 | ±1 |
| 51~100 | ±2 |
| 101~250 | ±4 |

② 注意事项:

1. 线径d为0.9以下时, 两端均未进行磨削加工。
2. 使用次数为100万次(参考)。
3. 请在容许位移量%以内使用。
4. P值仅供参考。



| 型号 | 最小单位1 | | 负载类型选择 | 最大负载(N) | | | | | | d | | | P(参考) | | |
|---------|--------|--------|--------|---------|---------|---------|------------|---------|---------|------|------|------|-------|------|------|
| | D | L | | SWP-A | | | SUS304-WPB | | | YFWR | YFUR | YFUF | YFWR | YFUR | YFUF |
| | | | | F=L×60% | F=L×50% | F=L×40% | F=L×60% | F=L×50% | F=L×40% | | | | | | |
| (SWP-A) | 5 | 15~65 | A | 2.8 | 5.2 | 8.1 | 2.5 | 4.5 | 7.1 | 0.4 | 0.5 | 0.6 | 1.8 | 1.5 | 1.3 |
| | | | B | 3.7 | 6.7 | 10.6 | 3.3 | 5.9 | 9.3 | | | | 2.3 | 1.9 | 1.7 |
| | 6 | 15~80 | A | 2.9 | 7.3 | 9.9 | 2.5 | 6.4 | 8.7 | 0.45 | 0.6 | 0.7 | 2.0 | 1.7 | 1.5 |
| | | | B | 3.8 | 9.6 | 12.9 | 3.3 | 8.4 | 11.3 | | | | 2.6 | 2.3 | 1.9 |
| | 7 | 15~90 | A | 3.1 | 10.1 | 11.5 | 2.7 | 8.8 | 10.0 | 0.5 | 0.7 | 0.8 | 2.2 | 2.0 | 1.7 |
| | | | B | 4.0 | 13.1 | 14.9 | 3.5 | 11.5 | 13.0 | | | | 2.9 | 2.7 | 2.2 |
| | 8 | 20~100 | A | 5.2 | 12.2 | 13.8 | 4.6 | 10.7 | 12.1 | 0.6 | 0.8 | 0.9 | 2.7 | 2.2 | 1.9 |
| | | | B | 6.8 | 15.9 | 17.9 | 6.0 | 13.9 | 15.7 | | | | 3.5 | 2.9 | 2.4 |
| | 9 | 19~110 | A | 8.1 | 17.4 | 22.1 | 7.1 | 15.2 | 19.3 | 0.7 | 0.9 | 1.0 | 2.9 | 2.5 | 2.6 |
| | | | B | 10.0 | 20.6 | 27.5 | 8.7 | 17.9 | 24.0 | | | | 3.5 | 2.9 | 3.3 |
| | 10 | 20~120 | A | 10.6 | 19.2 | 30.5 | 9.3 | 16.9 | 26.7 | 0.8 | 1.0 | 1.2 | 3.4 | 2.8 | 2.5 |
| | | | B | 13.7 | 24.9 | 39.5 | 12.1 | 21.8 | 34.6 | | | | 4.4 | 3.6 | 3.2 |
| 11 | 21~130 | A | 9.0 | 17.2 | 27.9 | 7.9 | 15.0 | 24.4 | 0.8 | 1.0 | 1.2 | 3.5 | 3.3 | 2.9 | |
| | | B | 12.6 | 22.9 | 36.3 | 11.0 | 20.0 | 31.7 | | | | 4.9 | 4.3 | 3.8 | |
| 12 | 25~140 | A | 11.0 | 27.6 | 37.7 | 9.6 | 24.1 | 33.0 | 0.9 | 1.2 | 1.4 | 3.8 | 3.3 | 2.9 | |
| | | B | 14.2 | 35.8 | 48.9 | 12.5 | 31.3 | 42.9 | | | | 4.9 | 4.3 | 3.8 | |
| 13 | 24~150 | A | 10.5 | 26.5 | 35.7 | 9.1 | 23.2 | 31.1 | 0.9 | 1.2 | 1.4 | 4.2 | 3.9 | 3.3 | |
| | | B | 13.4 | 34.6 | 46.4 | 11.7 | 30.2 | 40.5 | | | | 5.5 | 5.1 | 4.3 | |
| 14 | 30~160 | A | 11.6 | 37.7 | 45.9 | 10.1 | 33.0 | 40.2 | 1.0 | 1.4 | 1.6 | 4.2 | 3.9 | 3.3 | |
| | | B | 15.1 | 48.9 | 59.6 | 13.1 | 42.8 | 52.2 | | | | 5.5 | 5.1 | 4.3 | |
| 15 | 27~170 | A | 11.4 | 36.8 | 44.4 | 9.9 | 32.1 | 38.8 | 1.0 | 1.4 | 1.6 | 5.0 | 4.5 | 3.7 | |
| | | B | 14.9 | 47.1 | 56.6 | 14.9 | 41.1 | 49.4 | | | | 6.5 | 5.8 | 4.8 | |
| 16 | 30~180 | A | 19.4 | 49.7 | 55.1 | 17.0 | 43.4 | 48.2 | 1.2 | 1.6 | 1.8 | 5.0 | 4.5 | 3.7 | |
| | | B | 25.1 | 64.5 | 71.2 | 22.0 | 56.5 | 62.6 | | | | 6.5 | 5.8 | 4.8 | |
| 17 | 31~190 | A | 19.6 | 47.9 | 53.5 | 17.1 | 41.8 | 46.7 | 1.2 | 1.6 | 1.8 | 5.9 | 5.0 | 4.1 | |
| | | B | 25.3 | 62.0 | 69.9 | 22.0 | 54.1 | 61.0 | | | | 7.7 | 6.5 | 5.4 | |
| 18 | 35~200 | A | 29.9 | 62.1 | 65.2 | 26.2 | 54.3 | 57.1 | 1.4 | 1.8 | 2.0 | 5.9 | 5.0 | 4.1 | |
| | | B | 38.9 | 80.7 | 84.6 | 34.0 | 70.6 | 74.0 | | | | 7.7 | 6.5 | 5.4 | |
| 20 | 40~200 | A | 42.7 | 76.9 | 99.0 | 37.4 | 67.3 | 86.6 | 1.6 | 2.0 | 2.3 | 6.7 | 5.5 | 4.8 | |
| | | B | 55.2 | 100.0 | 128.0 | 48.3 | 87.2 | 113.0 | | | | 8.7 | 7.2 | 6.3 | |
| 23 | 45~200 | A | 51.9 | 103.0 | 121.0 | 45.4 | 90.2 | 106.0 | 1.8 | 2.3 | 2.6 | 7.8 | 6.4 | 5.5 | |
| | | B | 67.4 | 133.0 | 156.0 | 58.9 | 113.0 | 137.0 | | | | 10.1 | 8.1 | 7.1 | |
| 25 | 50~250 | A | 64.5 | 153.5 | 178.6 | 56.3 | 133.9 | 155.9 | 2.0 | 2.6 | 2.9 | 7.8 | 7.1 | 6.3 | |
| | | B | 82.4 | 172.0 | 214.3 | 71.9 | 150.1 | 187.0 | | | | 10.2 | 8.0 | 7.9 | |
| 27 | 70~250 | A | 86.0 | 195.0 | 220.3 | 75.0 | 170.2 | 192.3 | 2.3 | 2.9 | 3.2 | 7.5 | 7.4 | 6.7 | |
| | | B | 110.9 | 214.2 | 274.0 | 96.8 | 187.0 | 239.1 | | | | 9.6 | 8.1 | 8.6 | |



| 型号 | D | L | 负载类型选择 |
|------|---|-------|--------|
| YFWR | 5 | 15~65 | A |
| YFWF | 5 | 15~65 | B |

请按图示订货

YFWR—D5—L60—A



未税价(元)

| 数量 | 1~9 | 10~ |
|----|------|------|
| 价格 | 100% | 另行报价 |

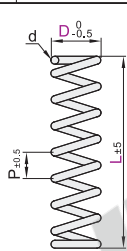


交货期
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加长型压缩弹簧

| 代码 | 类型 | 材质 |
|-----|-----------------|--------|
| YLR | 外径基准不锈钢型 L尺寸固定型 | SUS304 |

- ① 两端均未进行磨削加工。
- ② 此系列为外径基准型弹簧, 以保证外径公差进行生产, 外径为负公差适合配孔使用, 内径仅做参考(按负公差), 选型时请注意。



| 型号 | D | L | d | P |
|-----|----|-----|-----|------|
| YLR | 3 | 500 | 0.5 | 0.8 |
| | 4 | | 0.7 | 1.2 |
| | 6 | | 1.0 | 1.6 |
| | 8 | | 1.3 | 2.0 |
| | 10 | | 1.8 | 2.4 |
| | 12 | | 2.0 | 2.8 |
| | 14 | | 2.4 | 3.2 |
| | 16 | | 2.6 | 4.0 |
| | 18 | | 3.0 | 4.8 |
| | 20 | | 3.2 | 6.0 |
| | 22 | | 3.6 | 8.0 |
| | 25 | | 4.0 | 10.0 |



| 型号 | D | L |
|-----|---|-----|
| YLR | 4 | 500 |

请按图示订货

YLR—D3—L500



未税价(元)

| 数量 | 1~20 | 21~ |
|----|------|------|
| 价格 | 100% | 另行报价 |



交货期
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