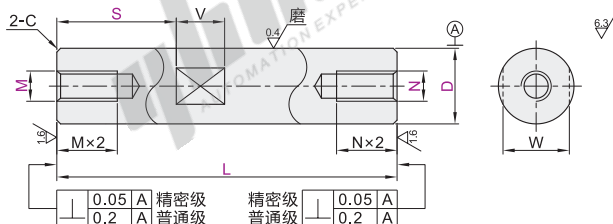


# 导向轴

## 带扳手槽型

普通级/精密级 两端内螺纹型

| 代码      |         | D公差 | 材质      |         | 硬度                                                    | 表面处理                       |
|---------|---------|-----|---------|---------|-------------------------------------------------------|----------------------------|
| 普通级     | 精密级     |     | 国标      | 相当      |                                                       |                            |
| Y-FCF02 | Y-FCF32 | g6  | GCr15   | SUJ2    | 高频淬火                                                  | 镀硬铬, 镀层硬度HV850~, 镀层厚度3~5μm |
| Y-FCF06 | Y-FCF36 |     | 9Cr18Mo | SUS440C | 有效硬化层深度见P131                                          | —                          |
| Y-FCF07 | Y-FCF37 |     | 45      | S45C    | 淬火硬度<br>GCr15 HRC56~<br>S45C HRC56~<br>9Cr18Mo HRC54~ | 镀硬铬, 镀层硬度HV850~, 镀层厚度3~5μm |
| Y-FCF22 | —       |     | —       | —       | —                                                     | —                          |

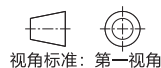


RoHS



① 圆度/直线度/垂直度/同轴度/硬度变化/铬层分布, 请参阅导向轴产品简介。

② 扳手槽、轴端加工部分(有效螺纹长度+10mm左右)可能会因加工的退火效应而导致硬度降低, 详情请参阅导向轴产品简介。



### 普通级

| 代码                                       | 型号              |                  | L<br>最小单位1 | M·N<br>选择                 | 扳手槽尺寸 |    |    | C   |
|------------------------------------------|-----------------|------------------|------------|---------------------------|-------|----|----|-----|
|                                          | D <sub>g6</sub> |                  |            |                           | S     | W  | V  |     |
| Y-FCF02<br>Y-FCF06<br>Y-FCF07<br>Y-FCF22 | 6               | -0.004<br>-0.012 | 15~600     | 3                         |       | 5  |    | 0.5 |
|                                          | 8               | -0.005<br>-0.014 | 15~800     | 3 4 5                     |       | 7  | 8  |     |
|                                          | 10              |                  |            | 3 4 5 6                   |       | 8  |    |     |
|                                          | 12              |                  | 15~1000    | 4 5 6 8                   |       | 10 |    |     |
|                                          | 13              | -0.006<br>-0.017 | 20~1000    | 4 5 6 8                   |       | 11 |    |     |
|                                          | 15              |                  |            | 4 5 6 8 10                |       | 13 |    |     |
|                                          | 16              |                  |            | 4 5 6 8 10                |       | 14 | 10 | 1.0 |
|                                          | 18              |                  | 25~1200    | 4 5 6 8 10 12             |       | 16 |    |     |
|                                          | 20              |                  |            | 4 5 6 8 10 12             |       | 17 |    |     |
|                                          | 25              | -0.007<br>-0.020 | 30~1200    | 4 5 6 8 10 12 16          |       | 22 |    |     |
|                                          | 30              |                  |            | 4 5 6 8 10 12 16 20       |       | 27 | 15 |     |
|                                          | 35              | -0.009<br>-0.025 | 30~1500    | 4 5 6 8 10 12 16 20 24    |       | 30 |    |     |
|                                          | 40              |                  |            | 4 5 6 8 10 12 16 20 24 30 |       | 36 |    |     |
|                                          | 50              |                  | 50~1500    | 4 5 6 8 10 12 16 20 24 30 |       | 41 | 20 |     |

### 精密级

| 代码                            | 型号              |                  | L<br>最小单位1 | M·N<br>选择        | 扳手槽尺寸 |    |    | C   |
|-------------------------------|-----------------|------------------|------------|------------------|-------|----|----|-----|
|                               | D <sub>g6</sub> |                  |            |                  | S     | W  | V  |     |
| Y-FCF32<br>Y-FCF36<br>Y-FCF37 | 6               | -0.004<br>-0.012 | 20~300     | 3                |       | 5  |    | 0.2 |
|                               | 8               | -0.005<br>-0.014 |            | 3 4 5            |       | 7  | 8  |     |
|                               | 10              |                  |            | 3 4 5 6          |       | 8  |    |     |
|                               | 12              |                  |            | 4 5 6 8          |       | 10 |    |     |
|                               | 13              | -0.006<br>-0.017 | 20~350     | 4 5 6 8          |       | 11 |    |     |
|                               | 15              |                  |            | 4 5 6 8 10       |       | 13 |    |     |
|                               | 16              |                  |            | 4 5 6 8 10       |       | 14 | 10 | 1.0 |
|                               | 18              |                  |            | 4 5 6 8 10 12    |       | 16 |    |     |
|                               | 20              |                  |            | 4 5 6 8 10 12    |       | 17 |    |     |
|                               | 25              | -0.007<br>-0.020 | 25~450     | 4 5 6 8 10 12 16 |       | 22 |    |     |
|                               | 30              |                  |            | 6 8 10 12 16 20  |       | 27 | 15 |     |



| 代码 | 技术说明                                                                                                                             |
|----|----------------------------------------------------------------------------------------------------------------------------------|
| LC | <b>变更L尺寸公差</b><br><br><b>选型方法 LC</b><br>① 最小单位0.1<br>② L<300变更为L±0.03;<br>300≤L<600变更为L±0.05;<br>L≥600变更为L±0.1<br>③ L>300的精密级不适用 |

| 代码             | 技术说明                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |       |       |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|--|--|-------|---|---|---|---|-------|---|----|---|---|----|---|----|----|---|----|---|----|----|----|-------|---|----|----|-------|----|---|----|----|-------|----|---|---|----|-------|----|-----|------|-----|
| MC( )<br>NC( ) | <div>变更内螺纹为细牙螺纹</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |       |       |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
|                | <div>选型方法 MC12</div> <table><tr><th>D</th><th colspan="4">MC/NC</th></tr><tr><td>12-13</td><td>8</td><td>—</td><td>—</td><td>—</td></tr><tr><td>15-16</td><td>8</td><td>10</td><td>—</td><td>—</td></tr><tr><td>18</td><td>8</td><td>10</td><td>12</td><td>—</td></tr><tr><td>20</td><td>8</td><td>10</td><td>12</td><td>16</td></tr><tr><td>25-35</td><td>8</td><td>10</td><td>12</td><td>16 20</td></tr><tr><td>40</td><td>—</td><td>10</td><td>12</td><td>16 20</td></tr><tr><td>50</td><td>—</td><td>—</td><td>12</td><td>16 20</td></tr><tr><td>螺距</td><td>1.0</td><td>1.25</td><td>1.5</td><td>—</td></tr></table> <div>① 选型时, 须将M(N)变更为MC(NC)<br/>② 选型时, M(N)与MC(NC)须变为相同尺寸</div> | D    | MC/NC |       |  |  | 12-13 | 8 | — | — | — | 15-16 | 8 | 10 | — | — | 18 | 8 | 10 | 12 | — | 20 | 8 | 10 | 12 | 16 | 25-35 | 8 | 10 | 12 | 16 20 | 40 | — | 10 | 12 | 16 20 | 50 | — | — | 12 | 16 20 | 螺距 | 1.0 | 1.25 | 1.5 |
| D              | MC/NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |       |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
| 12-13          | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | —    | —     | —     |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
| 15-16          | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10   | —     | —     |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
| 18             | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10   | 12    | —     |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
| 20             | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10   | 12    | 16    |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
| 25-35          | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10   | 12    | 16 20 |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
| 40             | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10   | 12    | 16 20 |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
| 50             | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | —    | 12    | 16 20 |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |
| 螺距             | 1.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.25 | 1.5   | —     |  |  |       |   |   |   |   |       |   |    |   |   |    |   |    |    |   |    |   |    |    |    |       |   |    |    |       |    |   |    |    |       |    |   |   |    |       |    |     |      |     |

① 选择2个或以上可选加工时, 各加工部位间隔需2mm以上。

② 可选加工可能会使产品硬度降低。

### 可选加工



请按图示订货

| 代码                       | 型号                          | D | L      | M·N   | S             | 可选加工代码        |
|--------------------------|-----------------------------|---|--------|-------|---------------|---------------|
| Y-FCF06                  | Y-FCF07                     | 8 | 15~800 | 3 4 5 | ① 根据使用要求指定S尺寸 | ② MC(N) NC(N) |
| Y-FCF06—D6—L85—M3—N3—S20 | Y-FCF06—D6—L85—M3—N3—S20—LC |   |        |       |               |               |



未税价(元)

### 优惠价

| 数量 | 1~9 | 10~  |
|----|-----|------|
| 价格 | 95% | 另行报价 |