

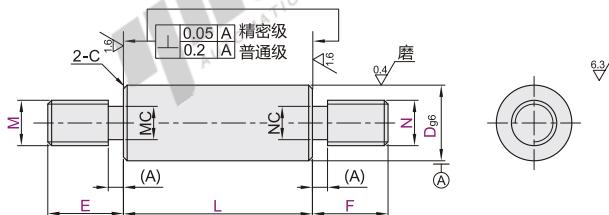
# 两端外螺纹型 · 带退刀槽型

## 普通级/精密级

# 导向轴

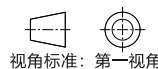


| 代码    | 类型           | 精度等级 | D公差 | 材质                      |                         | 硬度                           | 表面处理                      |
|-------|--------------|------|-----|-------------------------|-------------------------|------------------------------|---------------------------|
|       |              |      |     | 国标                      | 相当                      |                              |                           |
| SET01 | 两端外螺纹型 带退刀槽型 | 普通级  | g6  | GCr15                   | SUJ2                    | 高频淬火<br>有效硬化层深度见P16<br>GCr15 | —                         |
| SET02 |              |      |     | 9Cr18Mo<br>或同等硬度<br>耐锈钢 | SUS440C<br>或同等硬度<br>耐锈钢 |                              | 镀硬铬, 镀层硬度HV750~, 镀层厚度3μm~ |
| SET06 |              |      |     | —                       |                         |                              |                           |
| SET07 |              | 精密级  |     | GCr15                   | SUJ2                    | HRC56~                       | —                         |
| SET31 |              |      |     | 9Cr18Mo<br>或同等硬度<br>耐锈钢 | SUS440C<br>或同等硬度<br>耐锈钢 | HRC52~                       | 镀硬铬, 镀层硬度HV750~, 镀层厚度3μm~ |
| SET32 |              |      |     | —                       |                         |                              |                           |
| SET36 |              |      |     | GCr15                   | SUJ2                    | HRC56~                       | —                         |
| SET37 |              |      |     | 9Cr18Mo<br>或同等硬度<br>耐锈钢 | SUS440C<br>或同等硬度<br>耐锈钢 | HRC52~                       | 镀硬铬, 镀层硬度HV750~, 镀层厚度3μm~ |



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 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, 详情请参阅导向轴概要。



### 普通级

| 代码                               | 型号 | Dg6              | L       | E·F                | M·N 选择            | C     |
|----------------------------------|----|------------------|---------|--------------------|-------------------|-------|
| SET01<br>SET02<br>SET06<br>SET07 | 8  | -0.005<br>-0.014 | 20~800  |                    | 6                 | 0.5以下 |
|                                  | 10 |                  |         |                    | 6 8               |       |
|                                  | 12 |                  |         |                    | 6 8 10            |       |
|                                  | 13 |                  |         |                    | 6 8 10 12         |       |
|                                  | 15 | -0.006<br>-0.017 | 20~1000 |                    | 6 8 10 12         | 1.0以下 |
|                                  | 16 |                  |         |                    | 6 8 10 12         |       |
|                                  | 18 |                  |         |                    | 6 8 10 12 16      |       |
|                                  | 20 | -0.007<br>-0.020 |         |                    | 6 8 10 12 16      |       |
|                                  | 25 |                  | 20~1200 | E=5~M×3<br>F=5~N×3 | 8 10 12 16 20 24  |       |
|                                  | 30 |                  |         |                    | 8 10 12 16 20 24  |       |
| SET31<br>SET32<br>SET36<br>SET37 | 35 | -0.009<br>-0.025 | 20~1500 |                    | 10 12 16 20 24 30 | 1.0以下 |
|                                  | 40 |                  |         |                    | 12 16 20 24 30    |       |
|                                  | 50 |                  |         |                    | 16 20 24 30       |       |

### 精密级

| 代码                               | 型号 | Dg6              | L      | E·F                | M·N 选择           | C     |
|----------------------------------|----|------------------|--------|--------------------|------------------|-------|
| SET31<br>SET32<br>SET36<br>SET37 | 8  | -0.005<br>-0.014 | 20~300 |                    | 6                | 0.5以下 |
|                                  | 10 |                  |        |                    | 6 8              |       |
|                                  | 12 |                  |        |                    | 6 8 10           |       |
|                                  | 13 |                  |        |                    | 6 8 10 12        |       |
|                                  | 15 | -0.006<br>-0.017 | 20~350 | E=5~M×3<br>F=5~N×3 | 6 8 10 12        | 1.0以下 |
|                                  | 16 |                  |        |                    | 6 8 10 12 16     |       |
|                                  | 18 |                  |        |                    | 6 8 10 12 16     |       |
|                                  | 20 | -0.007<br>-0.020 |        |                    | 8 10 12 16 20    |       |
|                                  | 25 |                  | 20~450 |                    | 8 10 12 16 20 24 |       |
|                                  | 30 |                  |        |                    | 8 10 12 16 20 24 |       |

① M6的MC()内尺寸为精密级



可选加工

| 代码                                                                   | 技术说明                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|-------|---|---|--|----|-----|--|----|--------|----|----|-----------|-------|----|--------------|-------------|----|-----------------|-------------|----|------------------|-------------|----|---------------------|-------------|------|----------------------|-------------|------|-------------------|----------|------|----------------|-------|----|-----------------------|--|
| <div> <div>MC()<br/>MD()<br/>NC()<br/>ND()</div> <div> </div> </div> | <div> <div>选型方法</div> <div>MC12</div> </div> <div> <div>(MC-NC:此细牙螺纹螺距和轴承螺帽的相对应)</div> <div>(MD-ND:此细牙螺纹螺距和气缸的相对应)</div> </div> <table> <tr> <th>D</th><th>MC-NC</th><th>MD-ND</th></tr> <tr><td>8</td><td>6</td><td></td></tr> <tr><td>10</td><td>6 8</td><td></td></tr> <tr><td>12</td><td>6 8 10</td><td>10</td></tr> <tr><td>15</td><td>6 8 10 12</td><td>10 12</td></tr> <tr><td>18</td><td>6 8 10 12 15</td><td>10 12 14 18</td></tr> <tr><td>20</td><td>6 8 10 12 15 17</td><td>10 12 14 18</td></tr> <tr><td>25</td><td>8 10 12 15 17 20</td><td>10 12 14 18</td></tr> <tr><td>30</td><td>8 10 12 15 17 20 25</td><td>10 12 14 18</td></tr> <tr><td>(35)</td><td>10 12 15 17 20 25 30</td><td>10 12 14 18</td></tr> <tr><td>(40)</td><td>12 15 17 20 25 30</td><td>12 14 18</td></tr> <tr><td>(50)</td><td>15 17 20 25 30</td><td>14 18</td></tr> <tr> <td>螺距</td><td>0.75 1.0 1.5 1.25 1.5</td><td></td></tr> </table> <div> <div>① 选型时, 须将M/N变更为MC(MD)/NC(ND)</div> <div>② () 内的尺寸不适用精密级</div> </div> | D           | MC-NC | MD-ND | 8 | 6 |  | 10 | 6 8 |  | 12 | 6 8 10 | 10 | 15 | 6 8 10 12 | 10 12 | 18 | 6 8 10 12 15 | 10 12 14 18 | 20 | 6 8 10 12 15 17 | 10 12 14 18 | 25 | 8 10 12 15 17 20 | 10 12 14 18 | 30 | 8 10 12 15 17 20 25 | 10 12 14 18 | (35) | 10 12 15 17 20 25 30 | 10 12 14 18 | (40) | 12 15 17 20 25 30 | 12 14 18 | (50) | 15 17 20 25 30 | 14 18 | 螺距 | 0.75 1.0 1.5 1.25 1.5 |  |
| D                                                                    | MC-NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MD-ND       |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| 8                                                                    | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| 10                                                                   | 6 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| 12                                                                   | 6 8 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10          |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| 15                                                                   | 6 8 10 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10 12       |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| 18                                                                   | 6 8 10 12 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10 12 14 18 |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| 20                                                                   | 6 8 10 12 15 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10 12 14 18 |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| 25                                                                   | 8 10 12 15 17 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10 12 14 18 |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| 30                                                                   | 8 10 12 15 17 20 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10 12 14 18 |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| (35)                                                                 | 10 12 15 17 20 25 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10 12 14 18 |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| (40)                                                                 | 12 15 17 20 25 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12 14 18    |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| (50)                                                                 | 15 17 20 25 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14 18       |       |       |   |   |  |    |     |  |    |        |    |    |           |       |    |              |             |    |                 |             |    |                  |             |    |                     |             |      |                      |             |      |                   |          |      |                |       |    |                       |  |
| 螺距                                                                   | 0.75 1.0 1.5 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

| 代码       | 型号   | L      | E·F                | M·N | 可选加工代码               |
|----------|------|--------|--------------------|-----|----------------------|
| SET01    | 8    | 20~800 | E=5~M×3            | 6   | MD() NC()            |
| SET02    | 10   | 20~800 | F=5~N×3            | 6 8 | SD() CD              |
| SET01-02 | 8-10 | 20~800 | E=5~M×3<br>F=5~N×3 | 6 8 | MD() NC()<br>SD() CD |

| 代码      | 技术说明                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |    |    |    |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|---|---|---|---|--|----|----|--|---|---|---|----|----|----|----|---|--|----|----|--|----|----|--|----|----|----|----|----|----|----|----|--|----|----|--|----|----|----|----|----|--|----|----|--|
| 增加2个扳手槽 | <div>选型方法 SD12-S8</div> <div>① 最小单位1</div> <div>② 两扳手槽位置不在同一平面上。</div> <table><tr><th>D</th><th>W</th><th>V</th><th>D</th><th>W</th><th>V</th></tr><tr><td>6</td><td>5</td><td></td><td>18</td><td>16</td><td></td></tr><tr><td>8</td><td>7</td><td>9</td><td>20</td><td>17</td><td>11</td></tr><tr><td>10</td><td>8</td><td></td><td>25</td><td>22</td><td></td></tr><tr><td>12</td><td>10</td><td></td><td>30</td><td>27</td><td>16</td></tr><tr><td>13</td><td>11</td><td>11</td><td>35</td><td>30</td><td></td></tr><tr><td>15</td><td>13</td><td></td><td>40</td><td>36</td><td>21</td></tr><tr><td>16</td><td>14</td><td></td><td>50</td><td>41</td><td></td></tr></table> | D  | W  | V  | D  | W | V | 6 | 5 |  | 18 | 16 |  | 8 | 7 | 9 | 20 | 17 | 11 | 10 | 8 |  | 25 | 22 |  | 12 | 10 |  | 30 | 27 | 16 | 13 | 11 | 11 | 35 | 30 |  | 15 | 13 |  | 40 | 36 | 21 | 16 | 14 |  | 50 | 41 |  |
| D       | W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | V  | D  | W  | V  |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |
| 6       | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    | 18 | 16 |    |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |
| 8       | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9  | 20 | 17 | 11 |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |
| 10      | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    | 25 | 22 |    |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |
| 12      | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | 30 | 27 | 16 |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |
| 13      | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 11 | 35 | 30 |    |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |
| 15      | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | 40 | 36 | 21 |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |
| 16      | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | 50 | 41 |    |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |
| 变更L尺寸公差 | <div>选型方法 LC</div> <div>① 最小单位0.1</div> <div>② L &lt; 300变更为L<sub>+0.03</sub>;<br/>300≤L &lt; 600变更为L<sub>+0.05</sub>;<br/>L≥600变更为L<sub>+0.1</sub></div> <div>③ L&gt;300的精密级不适用</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |    |    |    |   |   |   |   |  |    |    |  |   |   |   |    |    |    |    |   |  |    |    |  |    |    |  |    |    |    |    |    |    |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |



请按图示订货



未税价(元)

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

| 交货期 | 3 |
|-----|---|
|-----|---|