



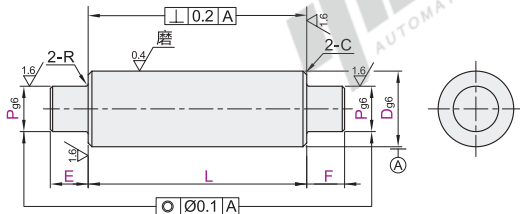
来图定制



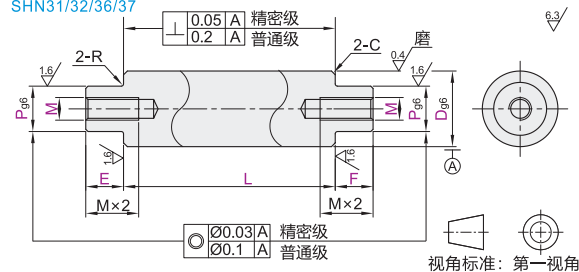
| 两端台阶型 | 两端台阶内螺纹型 | 精密级   | D公差 | 材质      | 硬度      | 表面处理        |
|-------|----------|-------|-----|---------|---------|-------------|
| 普通级   | 普通级      | 精密级   |     | 国标      | 相当      |             |
| SHM01 | SHN01    | SHN31 |     | GCr15   | SUJ2    | 高频淬火        |
| SHM02 | SHN02    | SHN32 |     |         |         | 有效硬化层深度见P16 |
| SHM03 | SHN03    | —     | g6  | 9Cr18Mo | SUS440C | 淬火硬度        |
| SHM06 | SHN06    | SHN36 |     | 9Cr18Mo | SUS440C | GCr15       |
| SHM07 | SHN07    | SHN37 |     | 9Cr18Mo | SUS440C | HRC52~      |
|       |          |       |     | 耐腐蚀     | 耐腐蚀     | HRC52~      |

- 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。  
③ 精密级导向轴的台阶部带有研磨退刀槽(最宽1mm, 最深0.1mm)。

两端台阶型  
SHM01/02/03/06/07



两端台阶内螺纹型  
SHN01/02/03/06/07  
SHN31/32/36/37



视角标准: 第一视角

两端台阶型(普通级)

| 型号                                        |                 | 最小单位1            |                    |       | R   | C         |           |
|-------------------------------------------|-----------------|------------------|--------------------|-------|-----|-----------|-----------|
| 代码                                        | D <sub>g6</sub> | L                | E·F                | P     |     |           |           |
| SHM01<br>SHM02<br>SHM03<br>SHM06<br>SHM07 | 8               | 20~800           | E=2~P×4<br>F=2~P×4 | 6     | 0.3 | 0.5<br>以下 |           |
|                                           | 10              |                  |                    | 6~8   |     |           |           |
|                                           | 12              |                  |                    | 6~10  |     |           |           |
|                                           | 13              | 20~1000          |                    | 6~11  |     |           |           |
|                                           | 15              | -0.006<br>-0.017 |                    | 6~13  |     |           |           |
|                                           | 16              |                  |                    | 6~14  |     |           |           |
|                                           | 18              | 20~1200          |                    | 8~16  |     |           |           |
|                                           | 20              |                  |                    | 8~17  |     |           |           |
|                                           | 25              |                  |                    | 8~22  |     |           |           |
|                                           | 30              | -0.007<br>-0.020 |                    | 9~27  |     |           | 1.0<br>以下 |
|                                           | 35              | 20~1500          |                    | 9~32  |     |           |           |
|                                           | 40              |                  |                    | 11~37 |     |           |           |
| 50                                        | 11~47           |                  |                    |       |     |           |           |

① SHM03仅适用于D≤30且L≤500。

两端台阶内螺纹型(普通级)

| 型号                                        |                 | 最小单位1                 |                    |                      |                       | M       | R         | C |  |
|-------------------------------------------|-----------------|-----------------------|--------------------|----------------------|-----------------------|---------|-----------|---|--|
| 代码                                        | D <sub>g6</sub> | L                     | E·F                | P                    | 选择                    |         |           |   |  |
| SHN01<br>SHN02<br>SHN03<br>SHN06<br>SHN07 | 8               | 20~800                | E=2~P×4<br>F=2~P×4 | 6                    | 3                     |         | 0.5<br>以下 |   |  |
|                                           | 10              |                       |                    | -0.005<br>-0.014     | 6~8                   | 3 4 5   |           |   |  |
|                                           | 12              |                       |                    | -0.006<br>-0.017     | 6~10                  | 3 4 5 6 |           |   |  |
|                                           | 13              | 20~1000               |                    | 6~11                 | 3 4 5 6 8             |         |           |   |  |
|                                           | 15              | 6~13                  |                    | 3 4 5 6 8 10         |                       |         |           |   |  |
|                                           | 16              | 6~14                  |                    | 3 4 5 6 8 10         |                       |         |           |   |  |
|                                           | 18              | 20~1200               |                    | 8~16                 | 4 5 6 8 10 12         |         | 1.0<br>以下 |   |  |
|                                           | 20              | 8~17                  |                    | 4 5 6 8 10 12        |                       |         |           |   |  |
|                                           | 25              | -0.007<br>-0.020      |                    | 8~22                 | 4 5 6 8 10 12 16      |         |           |   |  |
|                                           | 30              | 9~27                  |                    | 5 6 8 10 12 16 20 24 |                       |         |           |   |  |
|                                           | 35              | 9~32                  |                    | 5 6 8 10 12 16 20 24 |                       |         |           |   |  |
|                                           | 40              | -0.009<br>-0.025      |                    | 11~37                | 6 8 10 12 16 20 24 30 |         |           |   |  |
| 50                                        | 11~47           | 6 8 10 12 16 20 24 30 |                    |                      |                       |         |           |   |  |

① SHN03仅适用于D≤30且L≤500。

两端台阶内螺纹型(精密级)

| 型号                               |                 | 最小单位1  |                    |      |                      | M | R         | C |
|----------------------------------|-----------------|--------|--------------------|------|----------------------|---|-----------|---|
| 代码                               | D <sub>g6</sub> | L      | E-F                | P    | 选择                   |   |           |   |
| SHN31<br>SHN32<br>SHN36<br>SHN37 | 8               | 20~300 |                    | 6    | 3                    |   |           |   |
|                                  | 10              |        |                    | 6~8  | 3 4 5                |   |           |   |
|                                  | 12              |        |                    | 6~10 | 3 4 5 6              |   |           |   |
|                                  | 13              |        |                    | 6~11 | 3 4 5 6 8            |   | 0.5<br>以下 |   |
|                                  | 15              | 20~350 | E=2~P×4<br>F=2~P×4 | 6~13 | 3 4 5 6 8 10         |   | 0.3       |   |
|                                  | 16              |        |                    | 6~14 | 3 4 5 6 8 10         |   |           |   |
|                                  | 18              |        |                    | 8~16 | 3 4 5 6 8 10 12      |   |           |   |
|                                  | 20              |        |                    | 8~17 | 4 5 6 8 10 12        |   |           |   |
|                                  | 25              | 20~450 |                    | 8~22 | 4 5 6 8 10 12 16     |   | 1.0<br>以下 |   |
|                                  | 30              |        |                    | 9~27 | 5 6 8 10 12 16 20 24 |   |           |   |

两端台阶型(普通级)

| 型号    | D  | L      | E-F                | P   |
|-------|----|--------|--------------------|-----|
| SHM01 | 8  | 20~300 | E=2~P×4<br>F=2~P×4 | 6~8 |
| SHM02 | 10 |        |                    |     |

SHM01—D8—L30—E10—F10—P6

两端台阶内螺纹型(普通级)

| 型号    | D  | L      | E-F                | P   | M     |
|-------|----|--------|--------------------|-----|-------|
| SHN01 | 8  | 20~300 | E=2~P×4<br>F=2~P×4 | 6~8 | 3 4 5 |
| SHN02 | 10 |        |                    |     |       |

SHN01—D8—L30—E10—F10—P6—M3

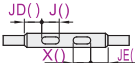
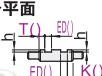
可選加工(两端台阶型(普通级))

| 型号    | D  | L      | E-F                | P   | 可選加工代码                            |
|-------|----|--------|--------------------|-----|-----------------------------------|
| SHM01 | 8  | 20~300 | E=2~P×4<br>F=2~P×4 | 6~8 | JD(JE) SD(J)<br>EC(J) ED(J) KC(J) |
| SHM02 | 10 |        |                    |     |                                   |

SHM01—D8—L30—E10—F10—P6—LC



可選加工

| 代码             | 技术说明                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|------|---|-------|---|----|---|---|----|----|--|----|----|--|----|----|--|----|----|----|----|----|--|----|----|--|----|----|--|----|----|----|----|----|--|----|----|----|----|----|--|
| LC             | <p><b>变更L尺寸公差</b></p>  <p>LC</p>                                                                                                                                            | <p><b>选型方法</b> LC</p> <p>① 最小单位0.1</p> <p>② <math>L &lt; 300</math>变更为<math>L_{\pm 0.03}</math>;<br/><math>300 \leq L &lt; 600</math>变更为<math>L_{\pm 0.05}</math>;<br/><math>L \geq 600</math>变更为<math>L_{\pm 0.1}</math></p>                                                                                                                                                                                                                                                                                                                                                                                                                 |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| JD(J)<br>JE(J) | <p><b>增加键槽</b></p> <p>增加1个键槽</p>  <p>JD(J)</p> <p>增加2个键槽</p>  <p>JD(J) JE(J)</p>      | <p><b>选型方法</b> JD10-J10</p> <p><b>选型方法</b> JE10-X10-JD10-J8</p> <p>① 最小单位1</p> <p>② <math>JD=0/JE=0</math>时, 见右图</p>  <p>J(J)</p> <p>③ D12, D16, D20, D25, D30适用于此可選加工</p> <p>④ 带键槽导向轴支座参阅P95。</p> <p>⑤ 键槽详情参阅P16。</p>                                                                                                                                                                                                                                                                                                                                   |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| EC(J)<br>ED(J) | <p><b>增加1个平面</b></p>  <p>EC(J) K(J)</p> <p><b>增加2个平面</b></p>  <p>T(J) ED(J) K(J)</p> | <p><b>选型方法</b> EC10-K8</p> <p><b>选型方法</b> ED10-K8-T10</p> <table><tr><th>D</th><th>h</th></tr><tr><td>8~18</td><td>1</td></tr><tr><td>20~40</td><td>2</td></tr><tr><td>50</td><td>3</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                         | D | h | 8~18 | 1 | 20~40 | 2 | 50 | 3 |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| D              | h                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 8~18           | 1                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 20~40          | 2                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 50             | 3                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| SD(J)          | <p><b>增加2个扳手槽</b></p>  <p>SD(J) V V(S) W</p>                                                                                                                             | <p><b>选型方法</b> SD12-S8</p> <p>① 最小单位1</p> <table><tr><th>D</th><th>W</th><th>V</th></tr><tr><td>8</td><td>7</td><td>V</td></tr><tr><td>10</td><td>8</td><td>8</td></tr><tr><td>12</td><td>10</td><td></td></tr><tr><td>13</td><td>11</td><td></td></tr><tr><td>15</td><td>13</td><td></td></tr><tr><td>16</td><td>14</td><td>10</td></tr><tr><td>18</td><td>16</td><td></td></tr><tr><td>20</td><td>17</td><td></td></tr><tr><td>25</td><td>22</td><td></td></tr><tr><td>30</td><td>27</td><td>15</td></tr><tr><td>35</td><td>30</td><td></td></tr><tr><td>40</td><td>36</td><td>20</td></tr><tr><td>50</td><td>41</td><td></td></tr></table> | D | W | V    | 8 | 7     | V | 10 | 8 | 8 | 12 | 10 |  | 13 | 11 |  | 15 | 13 |  | 16 | 14 | 10 | 18 | 16 |  | 20 | 17 |  | 25 | 22 |  | 30 | 27 | 15 | 35 | 30 |  | 40 | 36 | 20 | 50 | 41 |  |
| D              | W                                                                                                                                                                                                                                                            | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 8              | 7                                                                                                                                                                                                                                                            | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 10             | 8                                                                                                                                                                                                                                                            | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 12             | 10                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 13             | 11                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 15             | 13                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 16             | 14                                                                                                                                                                                                                                                           | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 18             | 16                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 20             | 17                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 25             | 22                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 30             | 27                                                                                                                                                                                                                                                           | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 35             | 30                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 40             | 36                                                                                                                                                                                                                                                           | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |
| 50             | 41                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |      |   |       |   |    |   |   |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |  |    |    |  |    |    |    |    |    |  |    |    |    |    |    |  |



请按图订货

| 交货期 |
|-----|
| 3   |



优惠价

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

未标价(元)