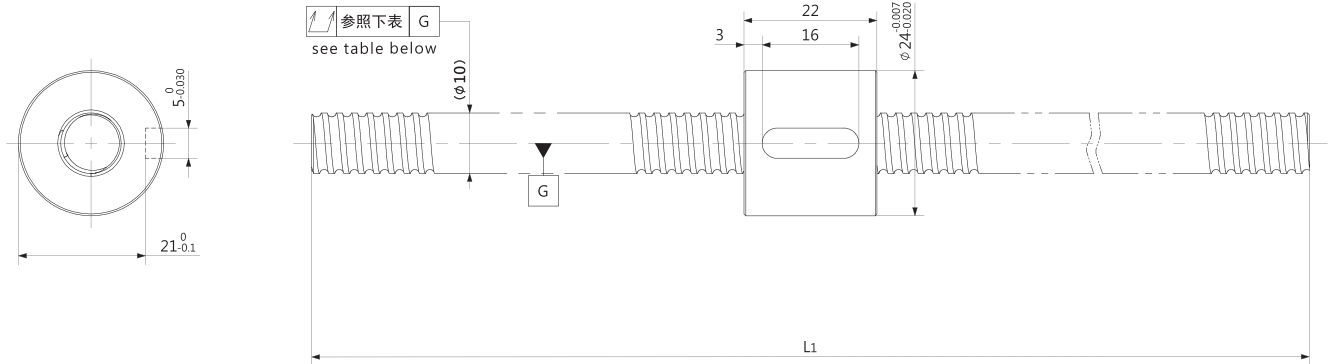


TXM1002.5 | Shaft dia.(轴径)  $\phi 10$  | Lead(导程) 10.5mm | C3&C5 |



Unit (单位): mm

| Ball Screw Specifications |         | 主要技术参数                 |
|---------------------------|---------|------------------------|
| Ball size 钢珠直径            |         | $\phi 1.5875$          |
| BCD 钢珠中心直径                |         | 10.30                  |
| Lead Angle 导程角            |         | $4^{\circ}25'$         |
| Number of thread 螺纹条数     |         | 1                      |
| Thread direction 螺纹旋向     |         | Right 右旋               |
| Shaft root dia 丝杠轴底径      |         | $\phi 8.6$             |
| Number of circuit 循环数     |         | $3.7 \times 1$         |
| Material 材质               | Shaft 轴 | S55C                   |
|                           | Nut 螺母  | SCM415H                |
| Surface hardness 螺纹部表面硬度  |         | HRC58~62 (Thread area) |
| Anti-rust treatment 防锈处理  |         | Anti-rust oil 防锈油      |

Unit(单位):mm

| Ball Screw Model<br>滚珠丝杠型号 | Travel<br>行程 | Grade<br>精度 | Shaft length<br>丝杠轴长度 | Lead accuracy<br>导程精度                         |                                     | Total Run-out<br>全跳动 | Axial play<br>轴向间隙                | Preload Torque<br>预压扭矩<br>Nm | Basic Load Rating<br>基本额定负载 N |                        |
|----------------------------|--------------|-------------|-----------------------|-----------------------------------------------|-------------------------------------|----------------------|-----------------------------------|------------------------------|-------------------------------|------------------------|
|                            |              |             | L <sub>1</sub>        | Travel deviation<br>代表移动量误差<br>e <sub>p</sub> | Variation<br>波动<br>V <sub>300</sub> |                      |                                   |                              | Dynamic<br>额定动负载<br>Ca        | Static<br>额定静负载<br>Coa |
| TXM1002.5-420R420C3        | 395          | C3          | 420                   | $\pm 0.015$                                   | 0.008                               | 0.065                | 0<br>Spacer ball<br>间隔钢珠<br>(1:1) | —                            | 1750                          | 2700                   |
| TXM1002.5-600R600C5        | 575          | C5          | 600                   | $\pm 0.030$                                   | 0.018                               | 0.090                | $\sim 0.005$                      | —                            | 2700                          | 5300                   |

(Note) Please designate end-journal profile with your sketch. 注) 轴端的追加加工请结合图纸进行指示。