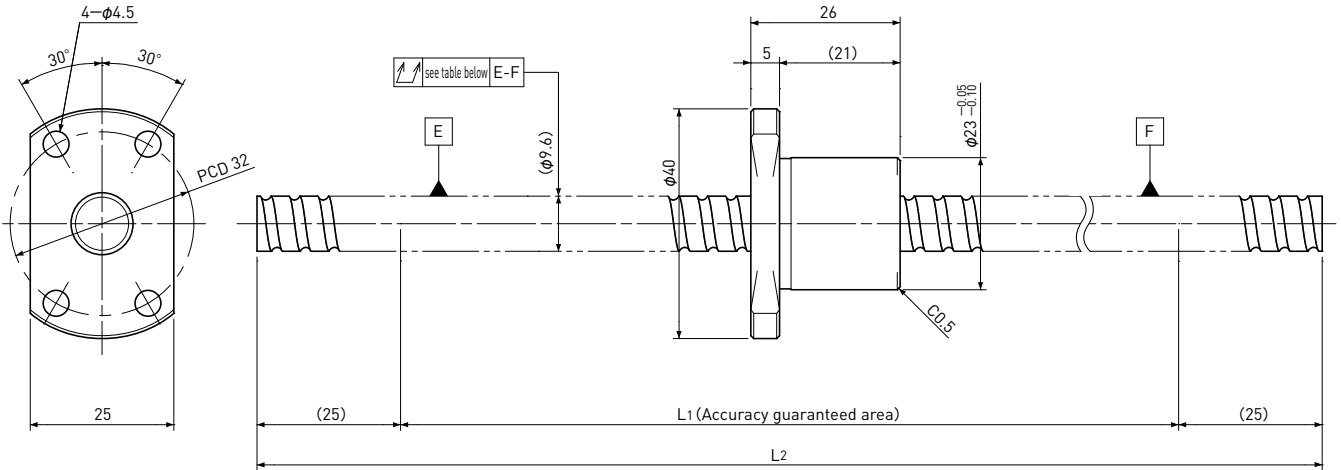


# SR1005

Shaft dia.  $\phi 10$  Lead 5mm

Ct7&Ct10



Unit: mm

| Ball Screw Specifications |                           |
|---------------------------|---------------------------|
| Ball size                 | $\phi 2.0$                |
| Number of thread          | 1                         |
| Thread direction          | Right                     |
| Shaft root dia.           | $\phi 8.2$                |
| Number of circuit         | 2.7×1                     |
| Shaft, Nut materia        | SCM415H                   |
| Surface hardness          | HRC58~62<br>(Thread area) |
| Anti-rust treatment       | Anti-rust oil             |

Unit: mm

| Ball Screw Model  | Travel | Grade | Shaft length   |                | Lead accuracy          |                     | Total Run-out | Axial play | Preload Torque Nm | Basic Load Rating N |                 |
|-------------------|--------|-------|----------------|----------------|------------------------|---------------------|---------------|------------|-------------------|---------------------|-----------------|
|                   |        |       | L <sub>1</sub> | L <sub>2</sub> | Travel deviation $e_p$ | Variation $V_{300}$ |               |            |                   | Dynamic $C_a$       | Static $C_{oa}$ |
| SR1005-450R450C7  | 370    | Ct7   | 400            | 450            | $\pm 0.06$             | 0.05                | 0.120         | ~0.020     | —                 | 3000                | 5200            |
| SR1005-450R450C10 | 370    | Ct10  | 400            | 450            | $\pm 0.28$             | 0.21                | 0.240         | ~0.050     |                   |                     |                 |

Note) Please designate end-journal profile with your sketch.