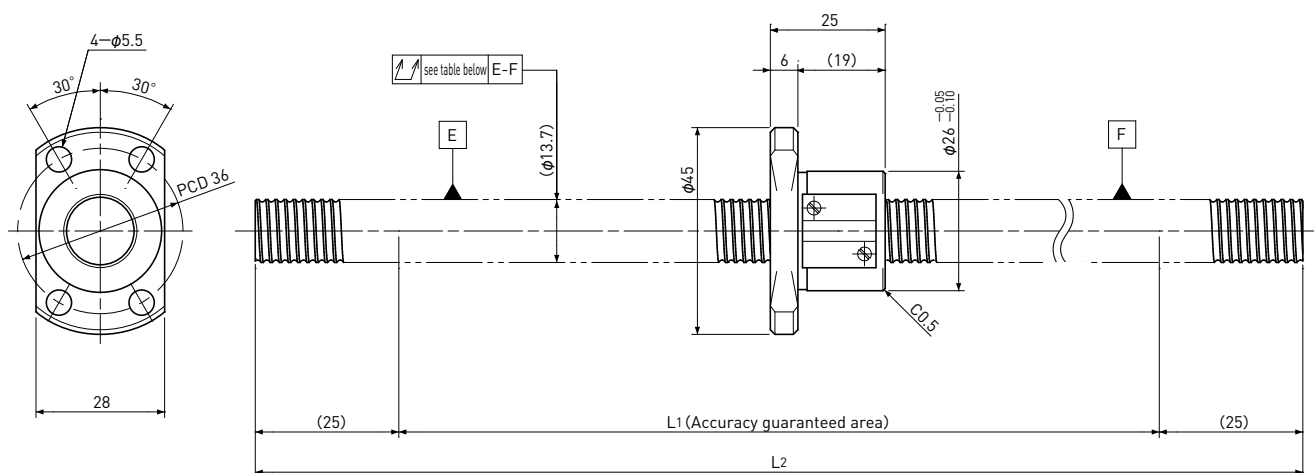


## SR1402

Shaft dia.  $\phi 14$  Lead 2mm

Ct7&amp;Ct10



Unit: mm

| Ball Screw Specifications |                           |
|---------------------------|---------------------------|
| Ball size                 | $\phi 1.5875$             |
| Number of thread          | 1                         |
| Thread direction          | Right                     |
| Shaft root dia.           | $\phi 12.6$               |
| Number of circuit         | $3.7 \times 1$            |
| Shaft, Nut material       | 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 Ca          | Static Coa |
| SR1402-500R500C7  | 425    | Ct7   | 450            | 500            | $\pm 0.07$             | 0.05                | 0.080         | $\sim 0.020$ | —                 | 3200                | 7500       |
| SR1402-500R500C10 | 425    | Ct10  | 450            | 500            | $\pm 0.31$             | 0.21                | 0.160         | $\sim 0.050$ |                   |                     |            |

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