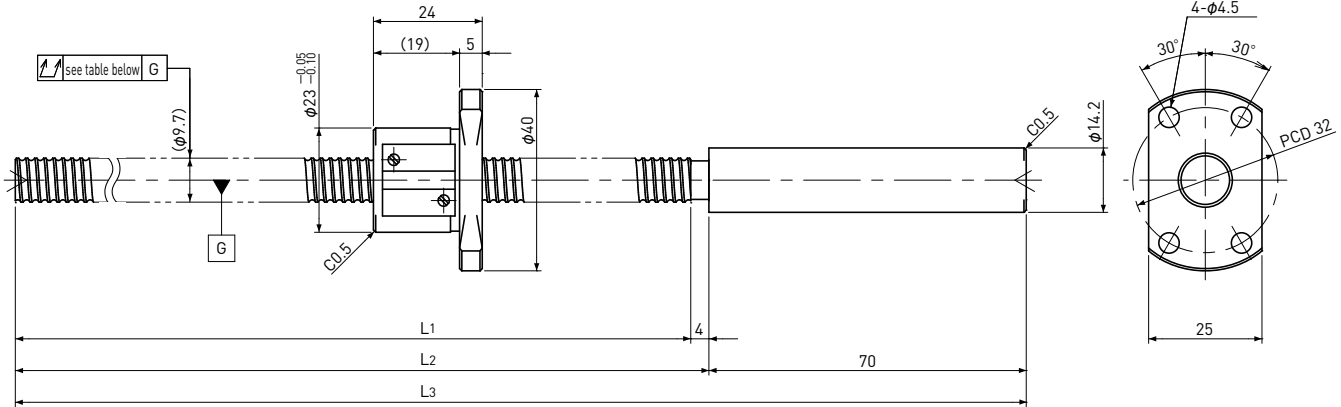


SRT1002 | Shaft dia. $\phi 10$ Lead 2mm

| Ct7&Ct10 |

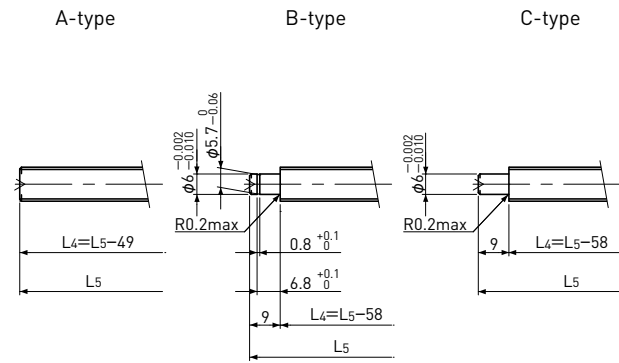
* Please refer to p-A318 for stainless steel type.



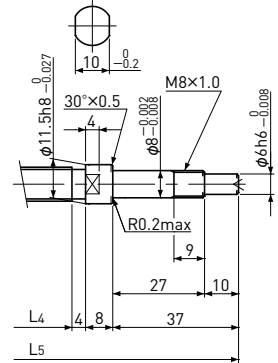
Unit: mm

| Ball Screw Specifications | | |
|---------------------------|-------|-------------------------|
| Ball size | | $\phi 1.5875$ |
| Number of thread | | 1 |
| Thread direction | | Right |
| Shaft root dia. | | $\phi 8.6$ |
| Number of circuit | | 3.7×1 |
| Material | Shaft | SCM415H+SUS303 |
| | Nut | SCM415H |
| Surface hardness | | HRC58~ (Thread area) |
| Anti-rust treatment | | Anti-rust oil |

End-journal profile Supported-side



Fixed-side



L4: Thread length after end-journal machining.
L5: Total length after end-journal machining.

| Support-unit Recommendation | Supported-side | Fixed-side |
|-----------------------------|------------------|----------------|
| | MSU-8CS/8GS, EF8 | MSU-8C/8G, EK8 |

D-type : Other than the above.

Unit: mm

| Ball Screw Model | Travel | Grade | Shaft length | | | Lead accuracy | | Total Run-out | Axial play | Preload Torque Nm | Basic Load Rating N | |
|--------------------|--------|-------|--------------|-----|-----|------------------------|---------------------|---------------|------------|-------------------|---------------------|-----------------|
| | | | L1 | L2 | L3 | Travel deviation e_p | Variation V_{300} | | | | Dynamic C_a | Static C_{oa} |
| SRT1002-196R270C7 | 170 | Ct7 | 196 | 200 | 270 | ± 0.03 | — | 0.080 | ~0.020 | — | 2700 | 5300 |
| SRT1002-396R470C7 | 370 | Ct7 | 396 | 400 | 470 | ± 0.06 | 0.05 | 0.120 | | | | |
| SRT1002-196R270C10 | 170 | Ct10 | 196 | 200 | 270 | ± 0.13 | — | 0.160 | ~0.050 | — | 2700 | 5300 |
| SRT1002-396R470C10 | 370 | Ct10 | 396 | 400 | 470 | ± 0.27 | 0.21 | 0.240 | | | | |

Note) Please refer to p-A287 for order code of end-journal machining.