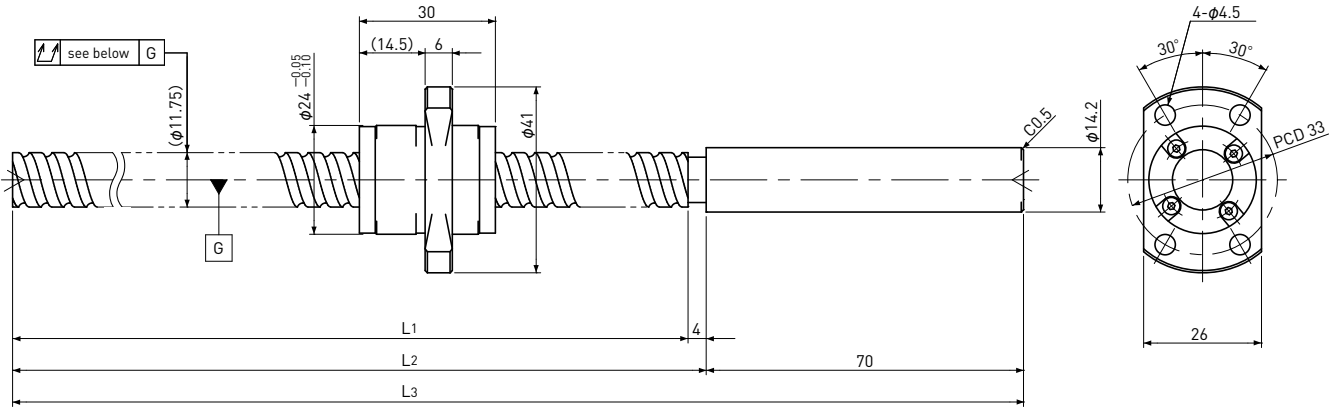


SRT1210

Shaft dia. $\phi 12$ Lead 10mm

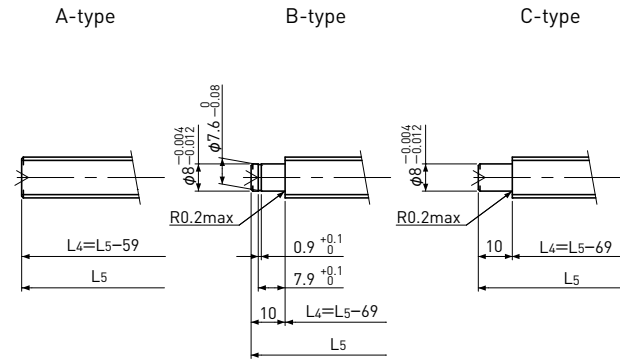
Ct7&Ct10



Unit : mm

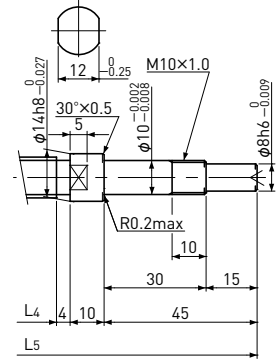
| Ball Screw Specifications | | |
|---------------------------|-------|-------------------------|
| Ball size | | $\phi 2.381$ |
| Number of thread | | 2 |
| Thread direction | | Right |
| Shaft root dia. | | $\phi 10.2$ |
| Number of circuit | | 1.7×2 |
| Material | Shaft | SCM415H+SUS303 |
| | Nut | SCM415H |
| Surface hardness | | HRC58~ (Thread area) |
| Anti-rust treatment | | Anti-rust oil |

End-journal profile Supported-side



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

Fixed-side



| | | |
|-----------------------------|----------------|---|
| Support-unit Recommendation | Supported-side | — |
| | Fixed-side | — |

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} |
| SRT1210-196R270C7 | 165 | Ct7 | 196 | 200 | 270 | ± 0.03 | — | 0.080 | ~0.020 | — | 5100 | 9800 |
| SRT1210-396R470C7 | 365 | Ct7 | 396 | 400 | 470 | ± 0.06 | 0.05 | 0.080 | | | | |
| SRT1210-196R270C10 | 165 | Ct10 | 196 | 200 | 270 | ± 0.13 | — | 0.160 | ~0.050 | | | |
| SRT1210-396R470C10 | 365 | Ct10 | 396 | 400 | 470 | ± 0.27 | 0.21 | 0.160 | | | | |

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