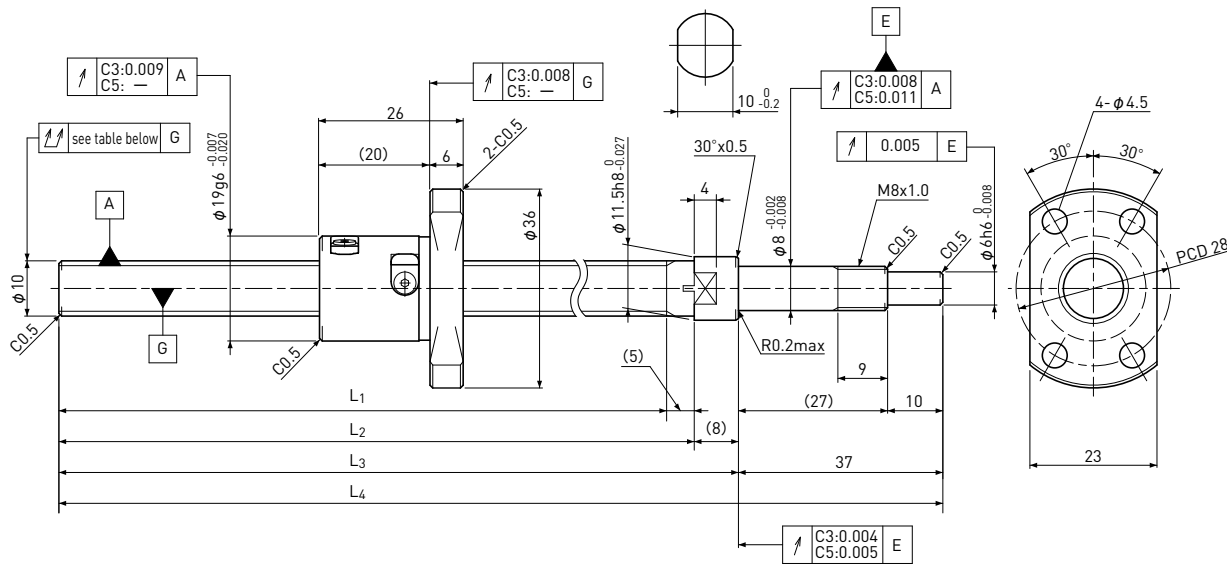


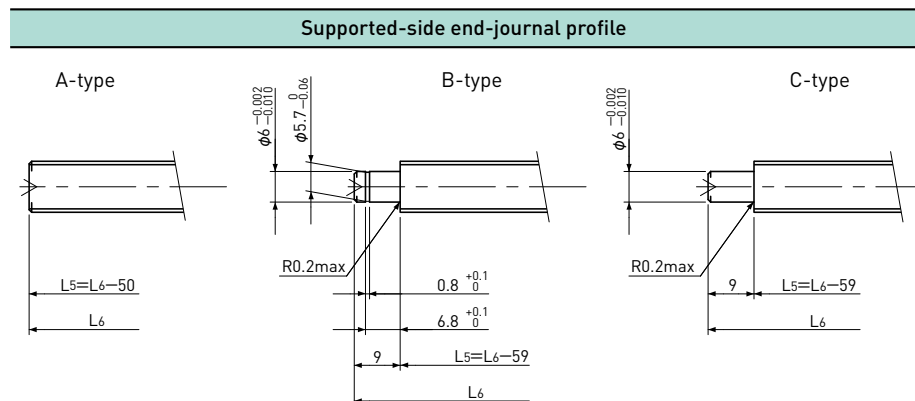
# NSGF1004 | Shaft dia. $\phi 10$ Lead 4mm

## C3&C5



Unit:mm

| Ball Screw Specifications 諸元 |                        |
|------------------------------|------------------------|
| BCD                          | $\phi 10.30$           |
| Thread direction             | Right                  |
| Shaft, Nut material          | SCM415H                |
| Surface hardness             | HRC58~62 (Thread area) |
| Anti-rust treatment          | Anti-rust oil          |



L5: Thread length after end-journal machining.

L6: Total length after end-journal machining.

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

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  | L4  | Travel deviation $e_p$ | Variation $V_u$ |               |                        |                   | Dynamic $C_a$       | Static $C_{oa}$ |
| NSGF1004-110R160C3 | 80     | C3    | 110          | 115 | 123 | 160 | $\pm 0.010$            | 0.008           | 0.035         | 0<br>Spacer Ball (1:1) | $\sim 0.0163$     | 1800                | 2600            |
| NSGF1004-260R310C3 | 230    | C3    | 260          | 265 | 273 | 310 | $\pm 0.012$            | 0.008           | 0.040         |                        |                   |                     |                 |
| NSGF1004-110R160C5 | 80     | C5    | 110          | 115 | 123 | 160 | $\pm 0.020$            | 0.018           | 0.040         | $\sim 0.005$           | —                 | 3000                | 5200            |
| NSGF1004-260R310C5 | 230    | C5    | 260          | 265 | 273 | 310 | $\pm 0.023$            | 0.018           | 0.055         |                        |                   |                     |                 |

Note) Please refer to page 5 for order code of end-journal machining.