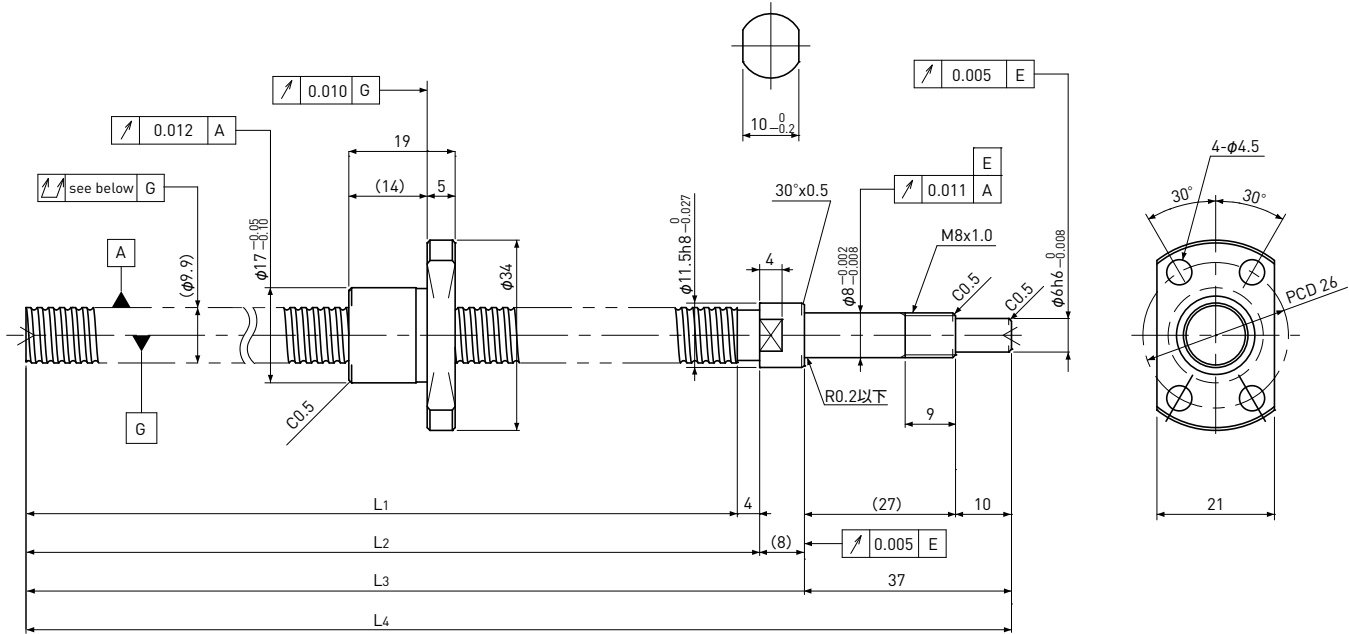


# PSRT1002K

Compact Nut  
Shaft dia.  $\phi 10$  Lead 2mm

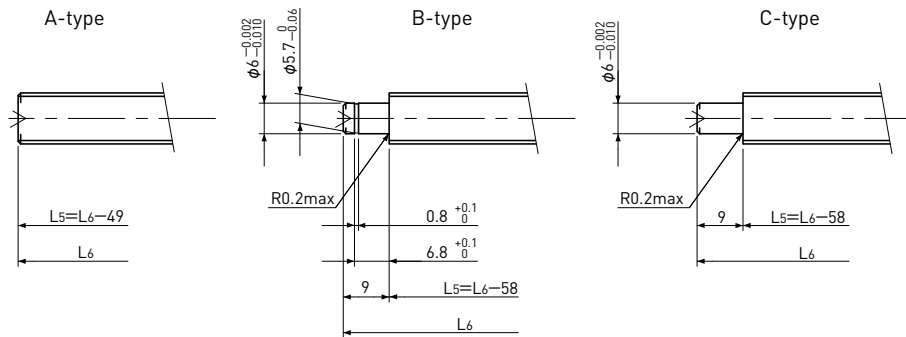
# C5



Unit: mm

Ball Screw Specifications	
Ball size	$\phi 1.2$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 9.0$
Number of circuit	1 × 3
Material	Shaft
	Nut
Surface hardness	HRC58~ (Thread area)
Lubrication	KSS Original Grease MSG No.2

### Supported-side end-journal profile



L5: Thread length after end-journal machining.  
L6: Total length after end-journal machining.

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

D-type : Other than the above.

Unit: mm

Ball Screw Model	Travel	Shaft length				Travel deviation $e_p$	Total Run-out	Axial play	Basic Load Rating N	
		L1	L2	L3	L4				Dynamic Ca	Static Coa
PSRT1002K-201R250C5	175	201	205	213	250	$\pm 0.023$	0.055	$\sim 0.005$	1450	3000

Note) Please refer to page A321 for order code of end-journal machining.