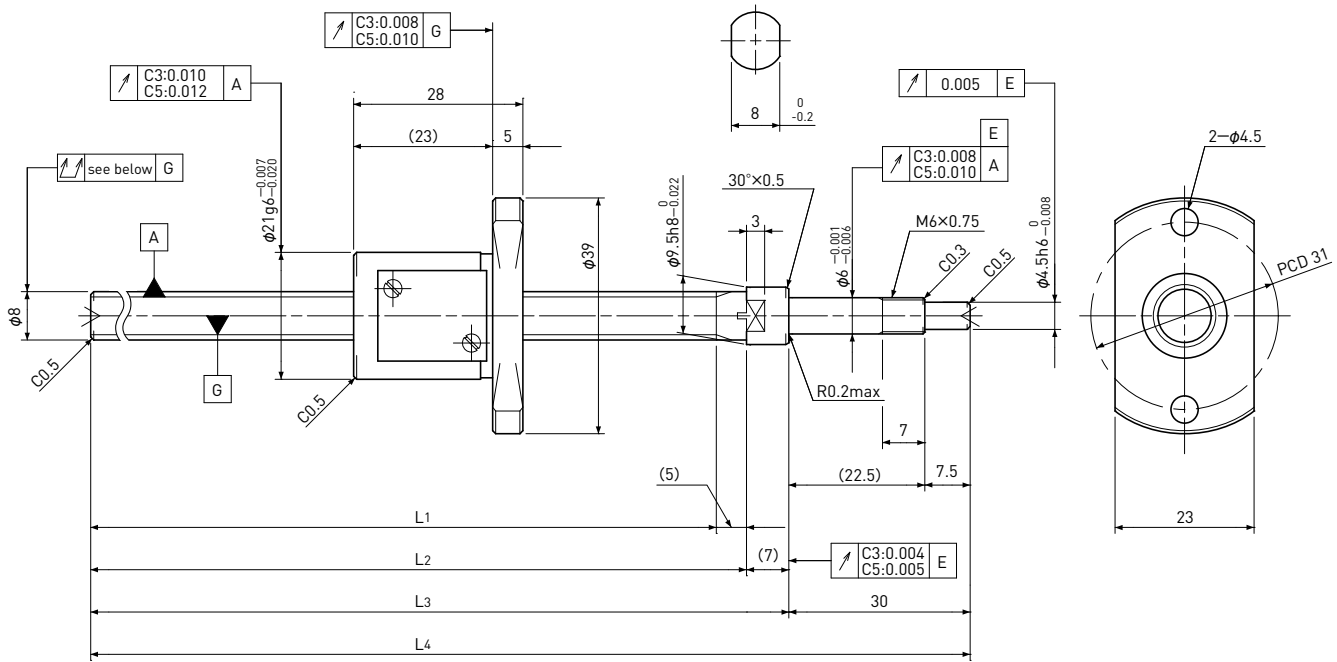


# SG0804

Shaft dia.  $\phi 8$  Lead 4mm

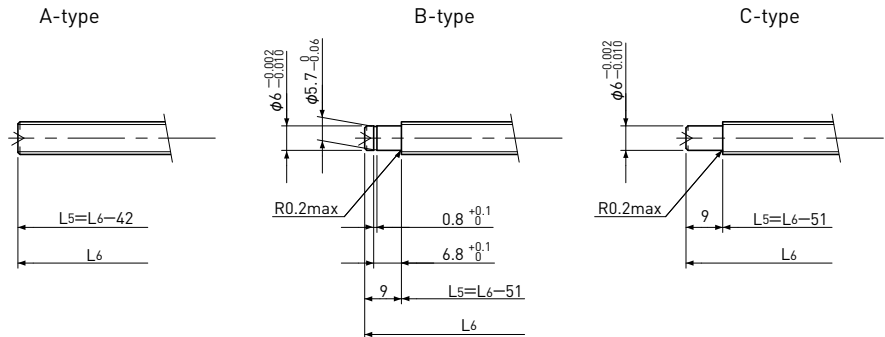
# C3&C5



Unit: mm

Ball Screw Specifications	
Ball size	$\phi 2.0$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 6.2$
Number of circuit	2.7×1
Shaft, Nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

### 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-6CS/6GS	MSU-6C/6G

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 $C_{oa}$
SG0804-098R140C3	70	C3	98	103	110	140	$\pm 0.008$	0.008	0.035	0 Spacer Ball (1:1)	~0.015	1650	2100
SG0804-208R250C3	180	C3	208	213	220	250	$\pm 0.012$	0.008	0.050				
SG0804-098R140C5	70	C5	98	103	110	140	$\pm 0.018$	0.018	0.050	~0.005	—	2600	4200
SG0804-208R250C5	180	C5	208	213	220	250	$\pm 0.023$	0.018	0.065				

Note) Please refer to page A206 for order code of end-journal machining.