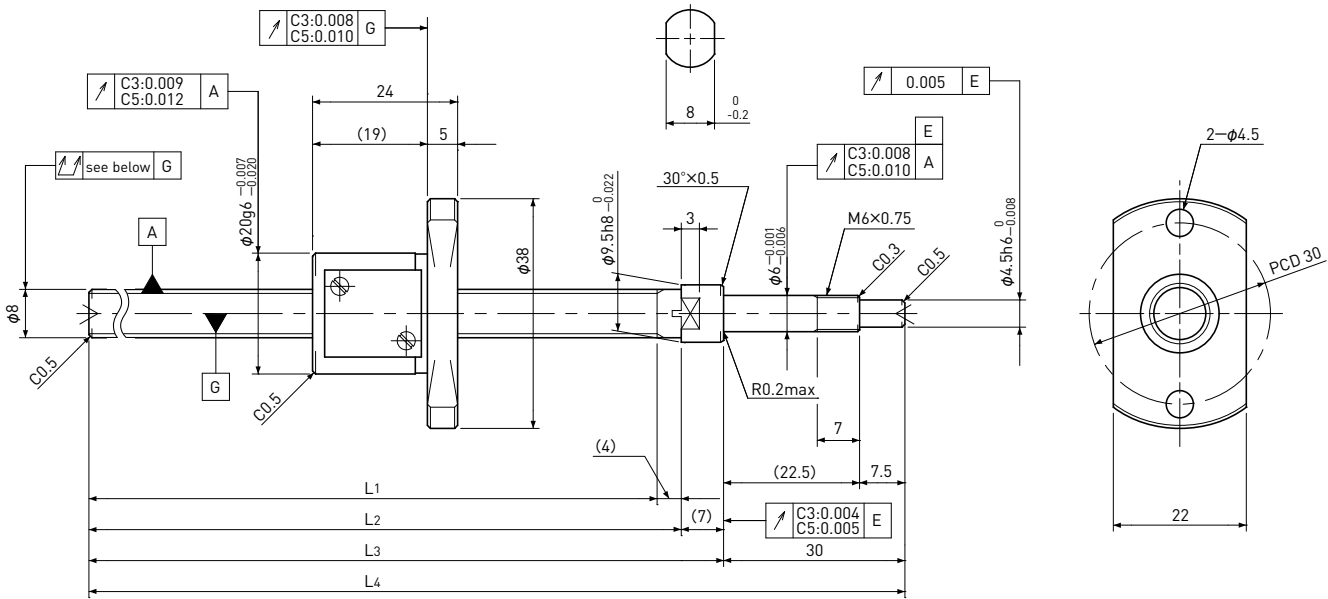


SG0802

Shaft dia. $\phi 8$ Lead 2mm

C3&C5

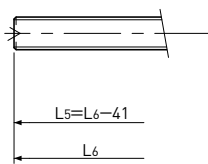


Unit: mm

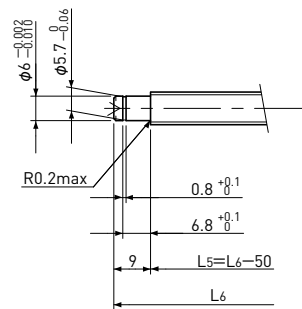
Ball Screw Specifications	
Ball size	$\phi 1.5875$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 6.6$
Number of circuit	3.7×1
Shaft, Nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

Supported-side end-journal profile

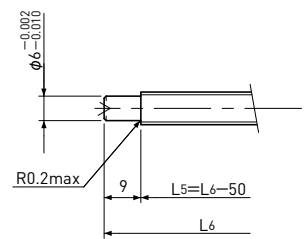
A-type



B-type



C-type



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}
SG0802-099R140C3	75	C3	99	103	110	140	± 0.008	0.008	0.035	0 Spacer Ball (1:1)	0.004~ 0.020	1550	2100
SG0802-129R170C3	105	C3	129	133	140	170	± 0.010	0.008	0.035				
SG0802-159R200C3	135	C3	159	163	170	200	± 0.010	0.008	0.035				
SG0802-209R250C3	185	C3	209	213	220	250	± 0.012	0.008	0.050				
SG0802-099R140C5	75	C5	99	103	110	140	± 0.018	0.018	0.050	~0.005	-	2400	4100
SG0802-129R170C5	105	C5	129	133	140	170	± 0.020	0.018	0.050				
SG0802-159R200C5	135	C5	159	163	170	200	± 0.020	0.018	0.050				
SG0802-209R250C5	185	C5	209	213	220	250	± 0.023	0.018	0.065				

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