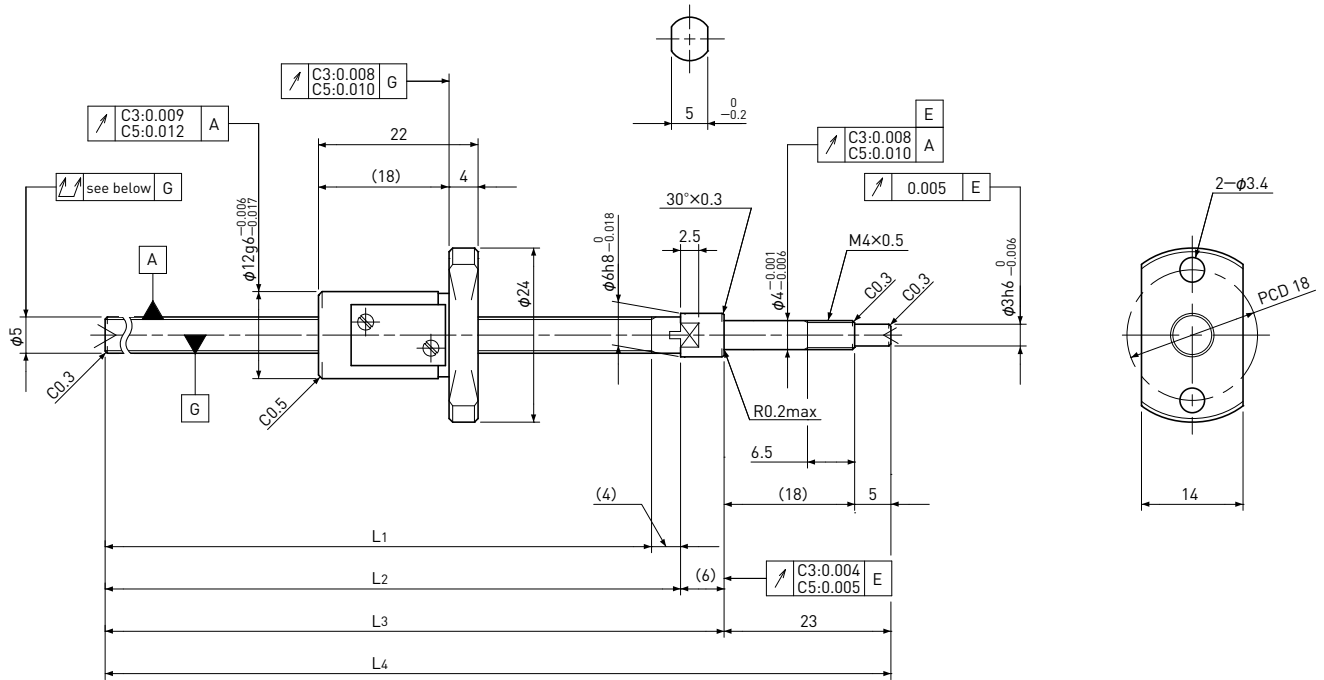


SG0504

Shaft dia. $\phi 5$ Lead 4mm

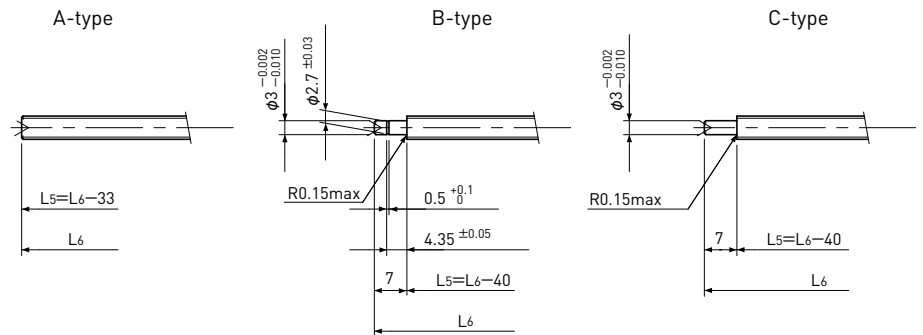
C3&C5



Unit: mm

Ball Screw Specifications	
Ball size	$\phi 0.8$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 4.3$
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	MSU-4CS/4GS
	Fixed-side	MSU-4C/4G

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	
			L ₁	L ₂	L ₃	L ₄	Travel deviation e_p	Variation V_u				Dynamic C_a	Static C_oa
SG0504-062R095C3	40	C3	62	66	72	95	± 0.008	0.008	0.025	0 Spacer Ball (1:1)	~0.005	300	360
SG0504-112R145C3	90	C3	112	116	122	145	± 0.010	0.008	0.035				
SG0504-062R095C5	40	C5	62	66	72	95	± 0.018	0.018	0.035	~0.005	—	470	720
SG0504-112R145C5	90	C5	112	116	122	145	± 0.020	0.018	0.050				

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