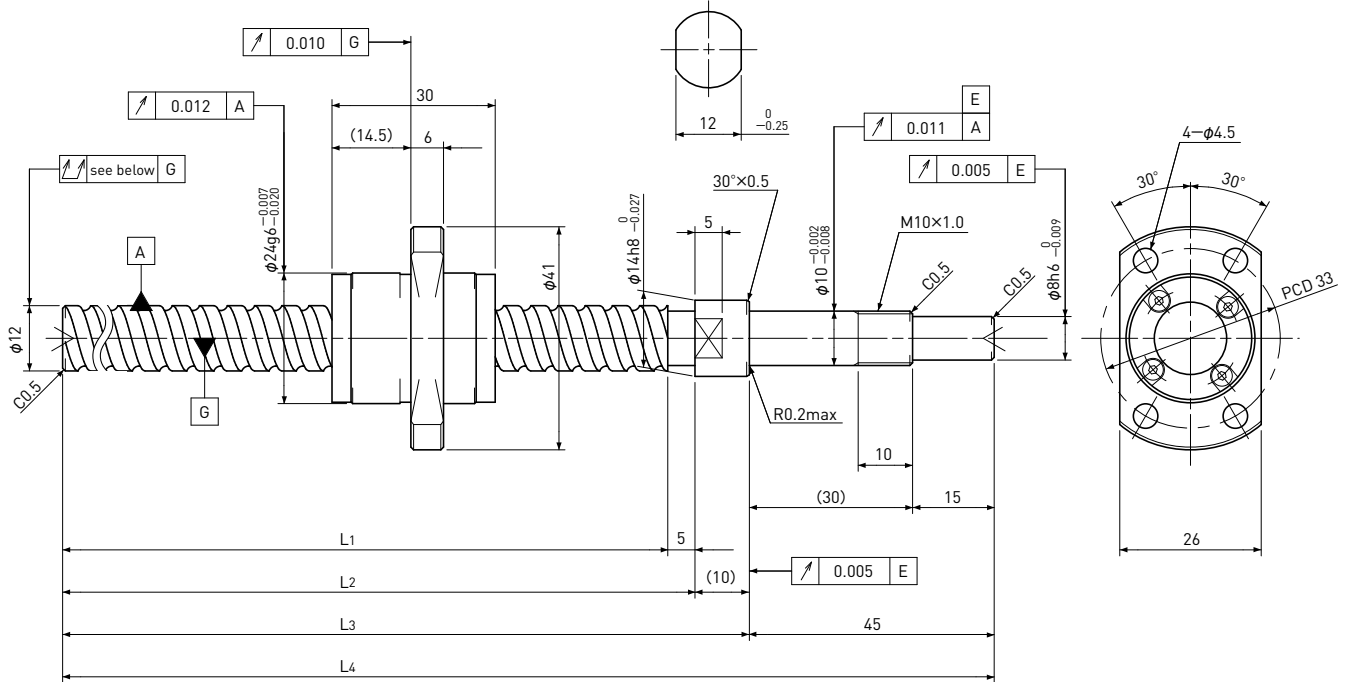


Standard products in stock SG series

SG1210Shaft dia. $\phi 12$ Lead 10mm**C5**

Unit: mm

Ball Screw Specifications	
Ball size	$\phi 2.381$
Number of thread	2
Thread direction	Right
Shaft root dia.	$\phi 10.2$
Number of circuit	1.7×2
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 : —
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 Ca	Static Coa
SG1210-240R300C5	210	C5	240	245	255	300	± 0.023	0.018	0.055	~0.005	—	5100	9800
SG1210-340R400C5	310	C5	340	345	355	400	± 0.025	0.020	0.065				

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