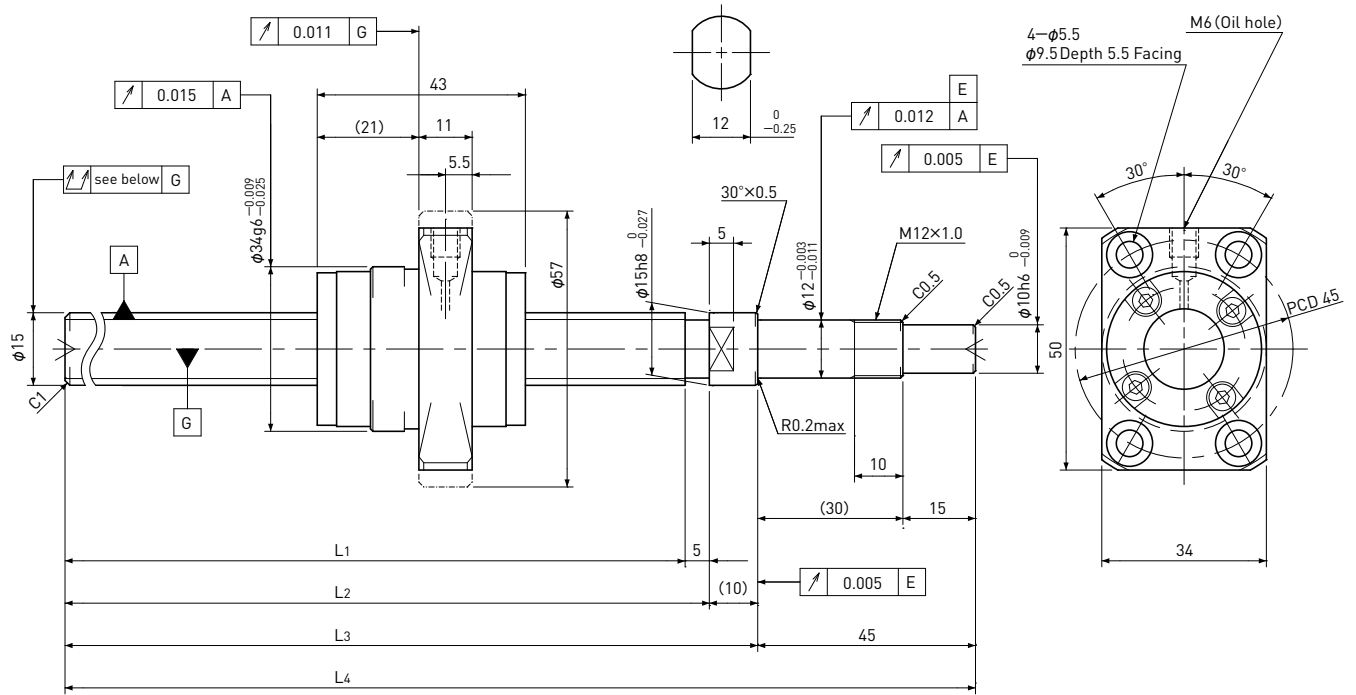


# SG1510

Shaft dia.  $\phi 15$  Lead 10mm

C5



Unit: mm

Ball Screw Specifications	
Ball size	$\phi 3.175$
Number of thread	2
Thread direction	Right
Shaft root dia.	$\phi 12.2$
Number of circuit	$2.7 \times 2$
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
<p>L5: Thread length after end-journal machining. L6: Total length after end-journal machining.</p>		
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 <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	Travel deviation $e_p$	Variation $V_u$				Dynamic $C_a$	Static $C_oa$
SG1510-340R400C5	295	C5	340	345	355	400	$\pm 0.025$	0.020	0.055	~0.005	—	12000	25000
SG1510-540R600C5	495	C5	540	545	555	600	$\pm 0.030$	0.023	0.075	—	—	—	—

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