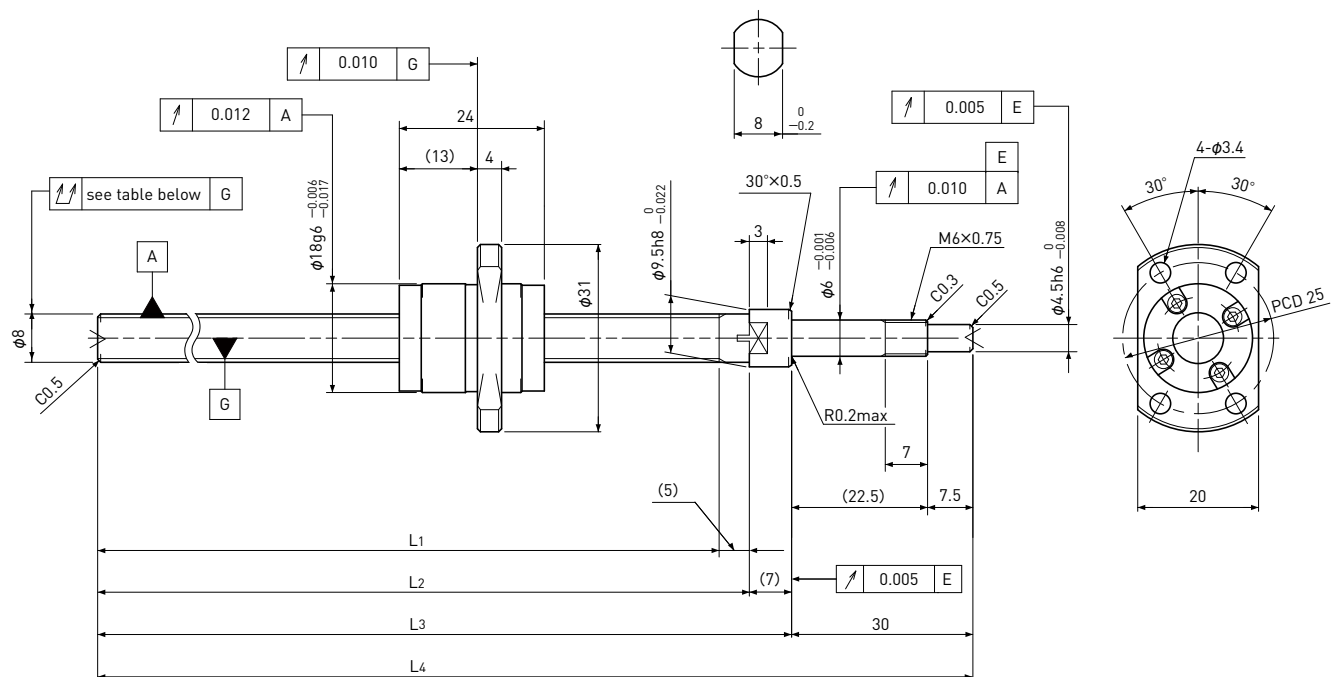


Standard products in stock SG series

SG0810Shaft dia. $\phi 8$ Lead 10mm**C5**

Unit: mm

Ball Screw Specifications	
Ball size	$\phi 1.5875$
Number of thread	2
Thread direction	Right
Shaft root dia.	$\phi 6.7$
Number of circuit	1.65×2
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
L ₅ : Thread length after end-journal machining. L ₆ : Total length after end-journal machining.		
Support-unit Recommendation		Supported-side : MSU-6CS/6GS
		Fixed-side : 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	
			L ₁	L ₂	L ₃	L ₄	Travel deviation e_p	Variation V_u				Dynamic Ca	Static Coa
SG0810-098R140C5	70	C5	98	103	110	140	± 0.018	0.018	0.050	~0.005	—	2200	3900
SG0810-208R250C5	180	C5	208	213	220	250	± 0.023	0.018	0.065				

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