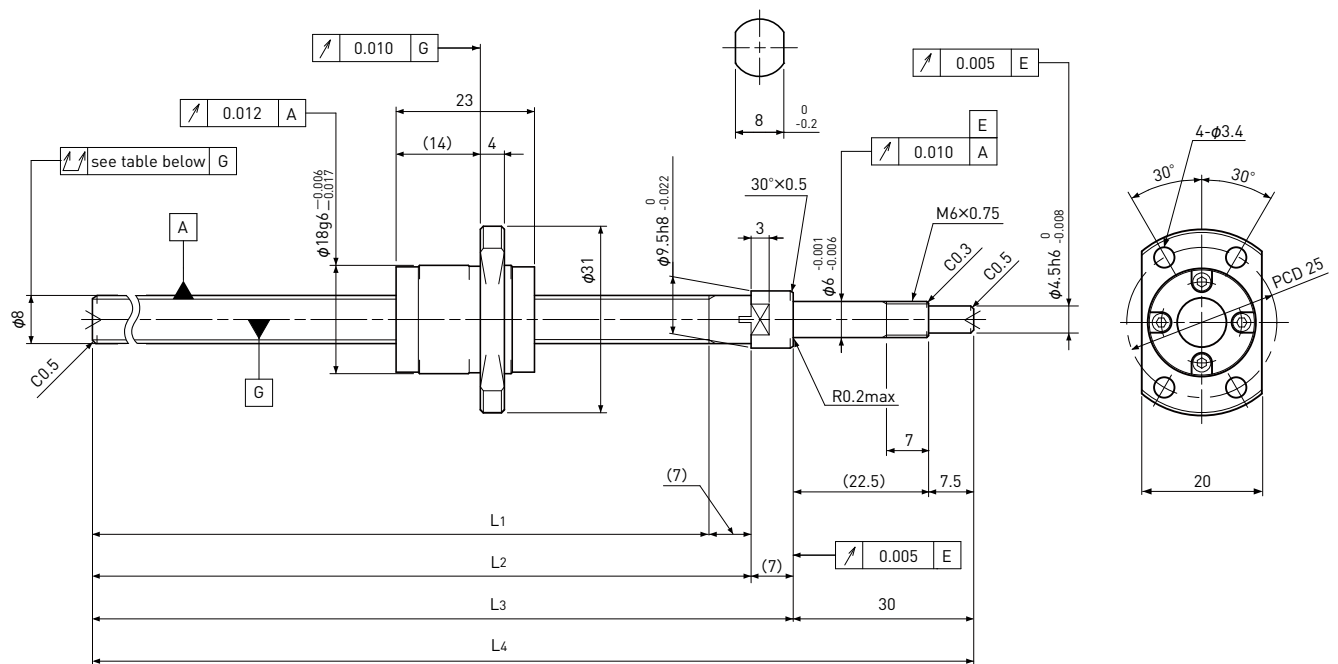
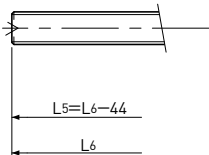
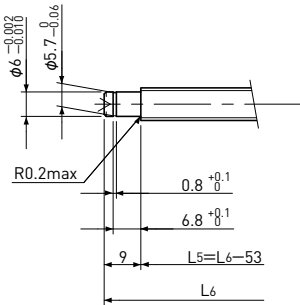
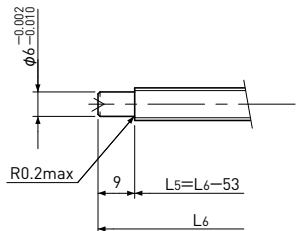


Standard products in stock SG series

SG0820Shaft dia. $\phi 8$ Lead 20mm**C5**

Unit: mm

Ball Screw Specifications	
Ball size	$\phi 1.5875$
Number of thread	4
Thread direction	Right
Shaft root dia.	$\phi 6.7$
Number of circuit	0.7×4
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 : 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	
			L1	L2	L3	L4	Travel deviation e_p	Variation V_u				Dynamic C_a	Static C_{oa}
SG0820-096R140C5	70	C5	96	103	110	140	± 0.018	0.018	0.050	~0.005	—	1650	3150
SG0820-206R250C5	180	C5	206	213	220	250	± 0.023	0.018	0.065				

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