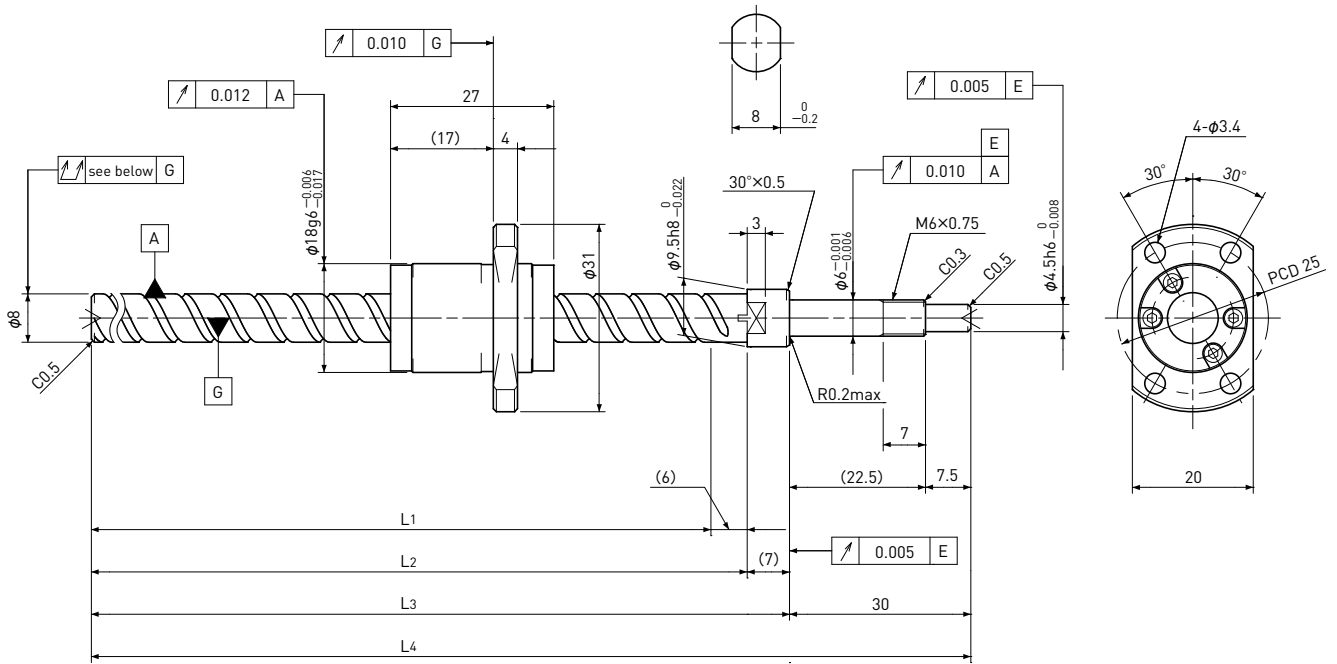


SG0812

Shaft dia. $\phi 8$ Lead 12mm

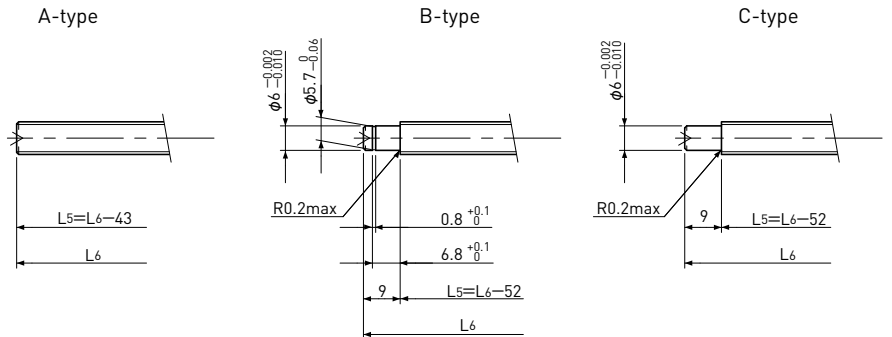
C5



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	1.6×2
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	Fixed-side
	MSU-6CS/6GS	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
SG0812-097R140C5	70	C5	97	103	110	140	± 0.018	0.018	0.050	~0.005	—	2200	4000
SG0812-207R250C5	180	C5	207	213	220	250	± 0.023	0.018	0.065				

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