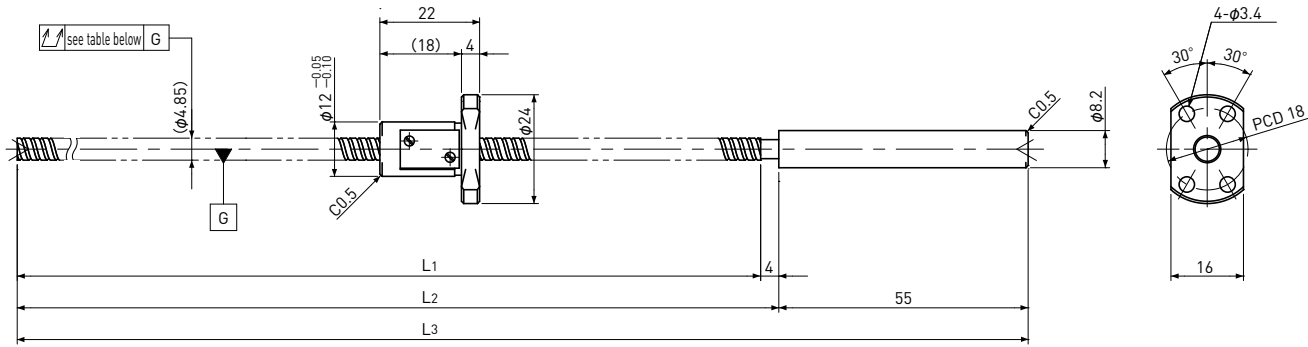


# SRT0504

Shaft dia.  $\phi 5$  Lead 4mm

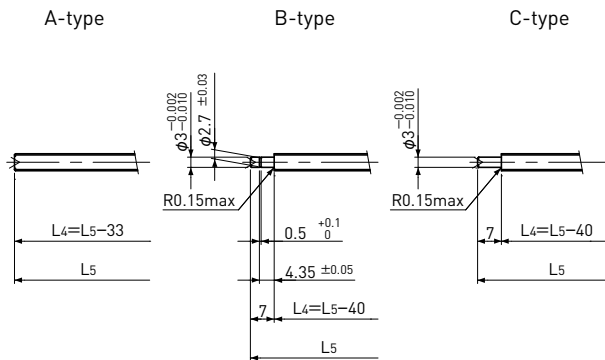
Ct7&Ct10



Unit: mm

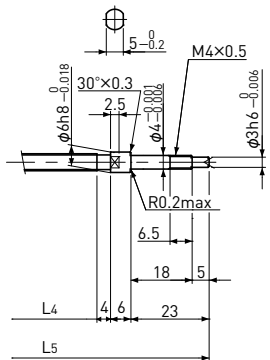
Ball Screw Specifications		
Ball size		$\phi 0.8$
Number of thread		1
Thread direction		Right
Shaft root dia.		$\phi 4.3$
Number of circuit		2.7 × 1
Material	Shaft	SCM415H+SUS303
	Nut	SCM415H
Surface hardness		HRC58~ (Thread area)
Anti-rust treatment		Anti-rust oil

### End-journal profile Supported-side



L4: Thread length after end-journal machining.  
L5: Total length after end-journal machining.

### Fixed-side



Support-unit Recommendation	Supported-side	Fixed-side
	MSU-4CS/4GS, SUP03-S	MSU-4C/4G, EK4

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	Travel deviation $e_p$	Variation $V_{300}$				Dynamic $C_a$	Static $C_{oa}$
SRT0504-96R155C7	70	Ct7	96	100	155	$\pm 0.02$	—	0.080	~0.020	—	470	720
SRT0504-216R275C7	190	Ct7	216	220	275	$\pm 0.03$	—	0.120				
SRT0504-96R155C10	70	Ct10	96	100	155	$\pm 0.06$	—	0.160	~0.050	—	470	720
SRT0504-216R275C10	190	Ct10	216	220	275	$\pm 0.15$	—	0.240				

Note )Please refer to p-A287 for order code of end-journal machining.