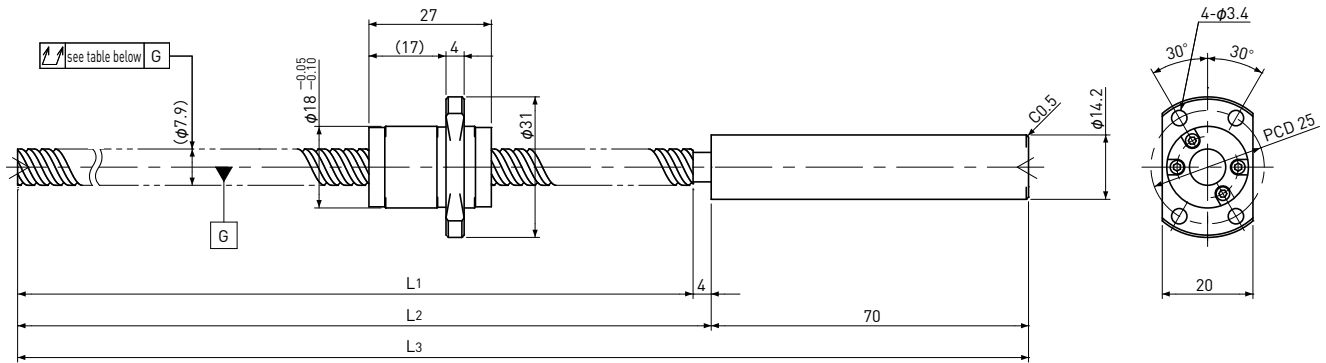
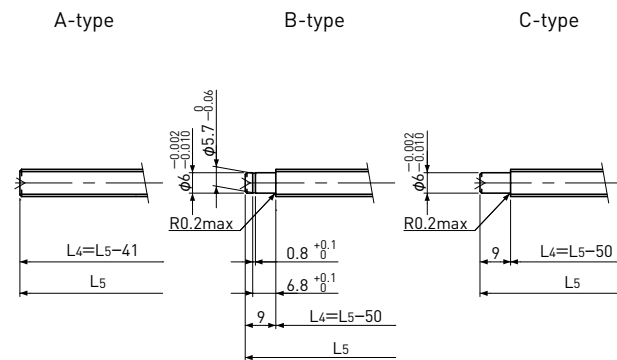


**SRT0812**Shaft dia.  $\phi 8$  Lead 12mm**Ct7&Ct10**

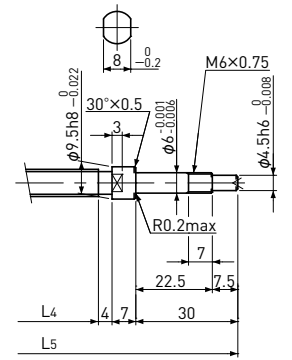
Unit: mm

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
Material	Shaft	SCM415H+SUS303
	Nut	SCM415H
Surface hardness		HRC58~ (Thread area)
Anti-rust treatment		Anti-rust oil

## End-journal profile Supported-side



## Fixed-side



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

Support-unit Recommendation	Supported-side	Fixed-side
	: MSU-6CS/6GS, EF6	: MSU-6C/6G, EK6

D-type : Other than the above.

Unit: mm

Ball Screw Model	Travel	Grade	Shaft length			Lead accuracy		Total Run-out $\mu$	Axial play	Preload Torque Nm	Basic Load Rating N	
			L1	L2	L3	Travel deviation $e_p$	Variation $V_{300}$				Dynamic $C_a$	Static $C_{oa}$
SRT0812-196R270C7	165	Ct7	196	200	270	$\pm 0.03$	—	0.080	~0.020	—	2200	4000
SRT0812-356R430C7	325	Ct7	356	360	430	$\pm 0.06$	0.05	0.120				
SRT0812-196R270C10	165	Ct10	196	200	270	$\pm 0.13$	—	0.160	~0.050	—	2200	4000
SRT0812-356R430C10	325	Ct10	356	360	430	$\pm 0.24$	0.21	0.240				

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