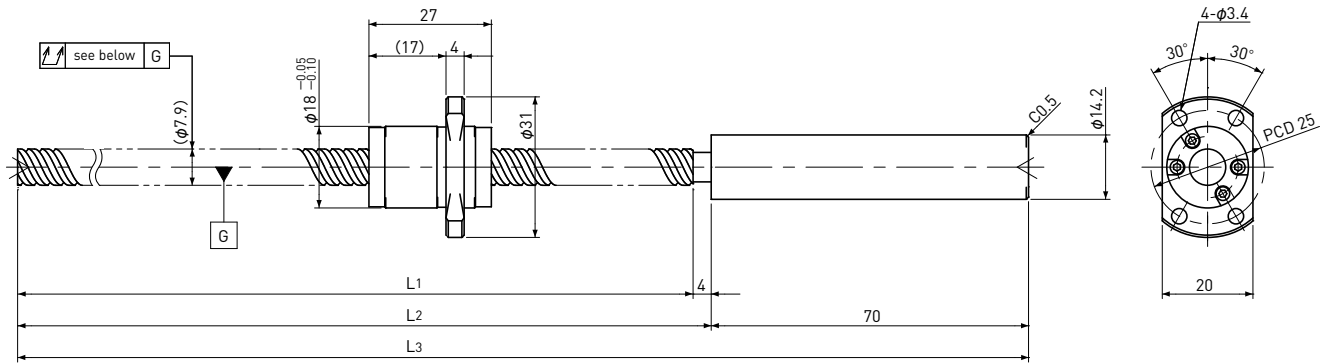


# SRT0812

Shaft dia.  $\phi 8$  Lead 12mm

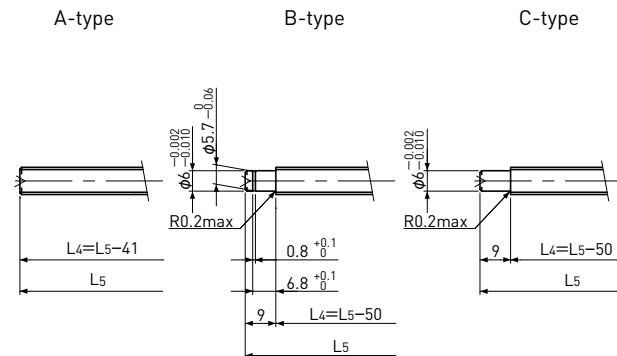
| Ct7&amp;Ct10 |



Unit : mm

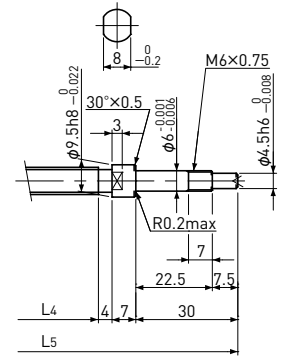
Ball Screw Specifications	
Ball size	$\phi 1.5875$
Number of thread	2
Thread direction	Right
Shaft root dia.	$\phi 6.7$
Number of circuit	1.6 × 2
Material	Shaft
	Nut
Surface hardness	HRC58~ (Thread area)
Anti-rust treatment	Anti-rust oil

## 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-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	
			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 page A287 for order code of end-journal machining.