



Usage

Feeding screw: Can be applied to the mechanical structures which performing general precision movement, adjusting devices, etc. Widely used in various applications because of the lower cost in contrast to the micrometer.

Installation

There are two types of locking available: Threaded and Cylinder.

Lock Type	Threaded Locking	Cylinder Locking
Installation method		
Axis diameter	Ø6mm ~ Ø9.5mm	
Tolerance suggestion for installation hole embedding	G7 [+0.004 ~ +0.020]	
Remark	It's simple, rapid and lock tightly	Use set screw to lock with assisting parts

★ Once the feeding screw be used for transferring purposes, using the sphere type could minimize the errors.

Common Used Lock (3-d Diagrams):

Thread Type



Cylinder Type



★ The diagrams are used as reference, the locking type can be customized.

PS 1 R C - 13

Model	Knob Type	Lock Type	Stroke / Guiding [mm]	Code 《Travel》
P: Precision S: Screw	1 : Pattern 2 : Hexagon Socket	M : Thread Type R : Cylinder Type	N : General Type / 1 C : Standard Type / 0.5	07 《7》 13 《13》 25 《25》

Feeding Screw Selection Table

GMT	Travel Stroke Range	Accuracy	Minimum Reading	Knob Type		Page
Model	mm	mm	Vernier	Pattern	Hexagon Socket	
PS1R □ -	0.7	0 ~ 7	0.03	0.1 mm / Vernier	●	P0329
	1.3	0 ~ 13			●	
	2.5	0 ~ 25			●	
PS2R □ -	0.7	0 ~ 7			●	P0329 P0330
	1.3	0 ~ 13			●	
	2.5	0 ~ 25			●	
PS1M □ -	0.7	0 ~ 7			●	P0331
	1.3	0 ~ 13			●	
	2.5	0 ~ 25			●	
PS2M □ -	0.7	0 ~ 7			●	P0331
	1.3	0 ~ 13			●	
	2.5	0 ~ 25			●	

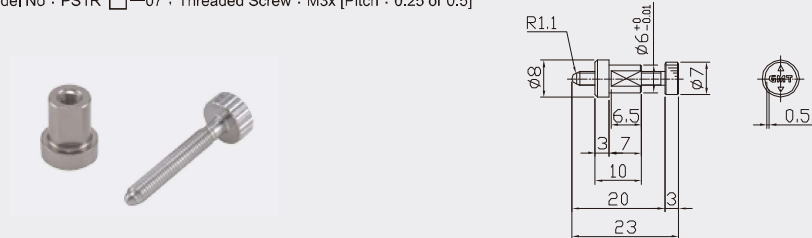
★ notice

- PS1M and PS2M series would be attached with the particular wrench.
- The thread and bushing parts are both in high precision and able to inhibit shaking.
- Thread part material : SUS303 ◦

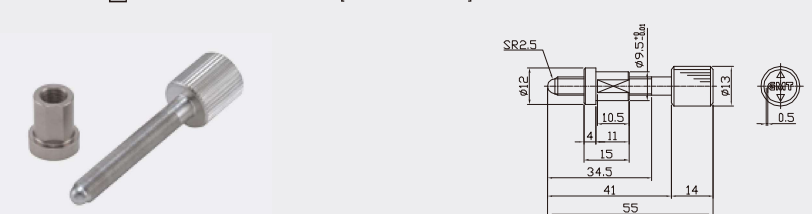
Feeding Screw Stages

Feeding Screw Specification

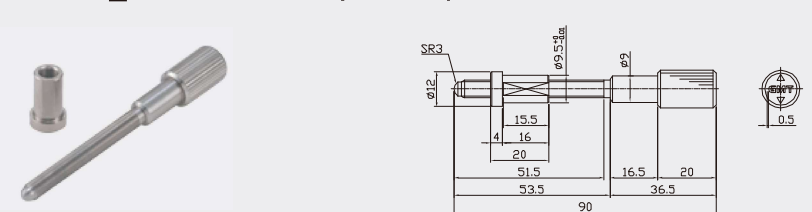
Model No : PS1R □—07 ; Threaded Screw : M3x [Pitch : 0.25 or 0.5]



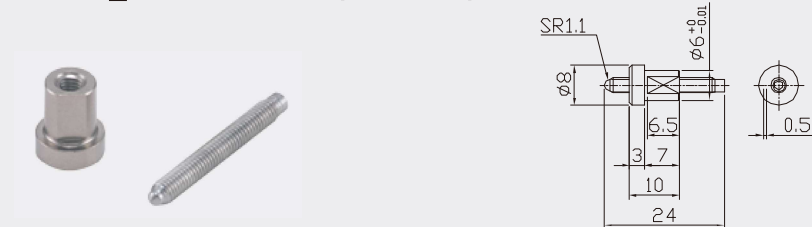
Model No : PS1R □—13 ; Threaded Screw : M6x [Pitch : 0.25 or 0.5]



Model No : PS1R □—25 ; Threaded Screw : M6x [Pitch : 0.5 or 1]



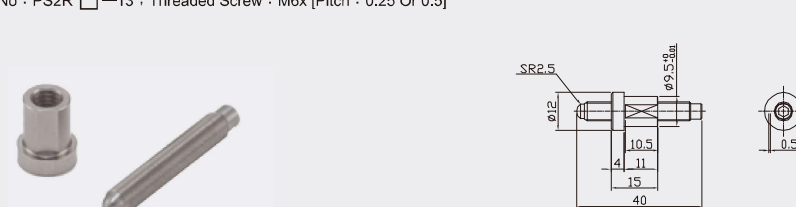
Model No : PS2R □—07 ; Threaded Screw : M3x [Pitch : 0.25 or 0.5]



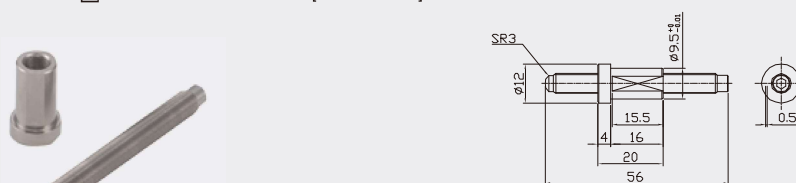
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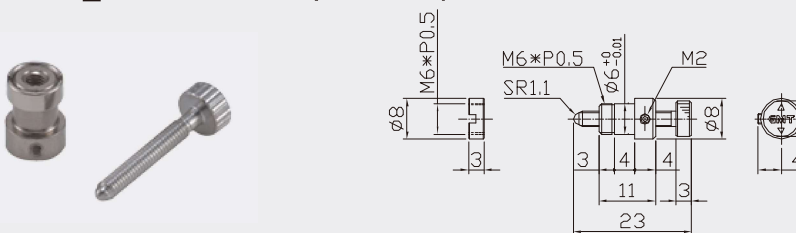
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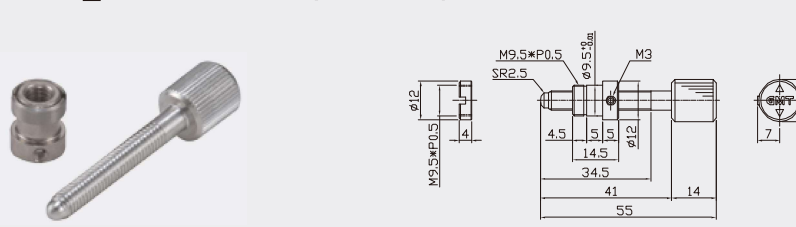
Model No : PS2R □—25 ; Threaded Screw : M6x [Pitch : 0.5 or 1]



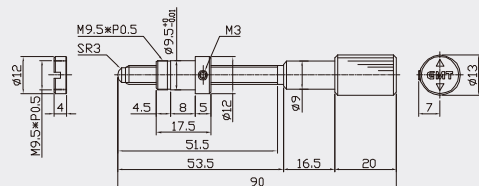
Model No : PS1M □—07 ; Threaded Screw : M3x [Pitch : 0.25 or 0.5]



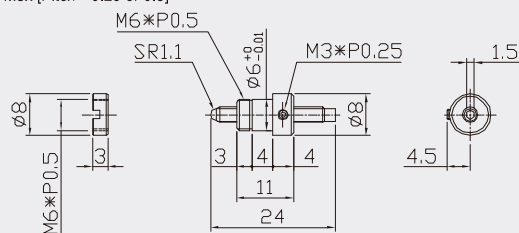
Model No : PS1M □—13 ; Threaded Screw : M6x [Pitch : 0.25 or 0.5]



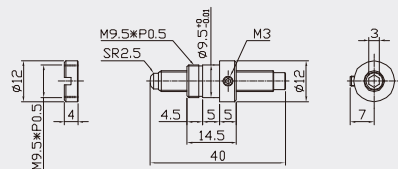
Model No : PS1M □—25 ; Threaded Screw : M6x [Pitch : 0.5 or 1]



Model No : PS2M □—07 ; Threaded Screw : M3x [Pitch : 0.25 or 0.5]



Model No : PS2M □—13 ; Threaded Screw : M6x [Pitch : 0.25 or 0.5]



Model No : PS2M □—25 ; Threaded Screw : M6x [Pitch : 0.5 or 1]

