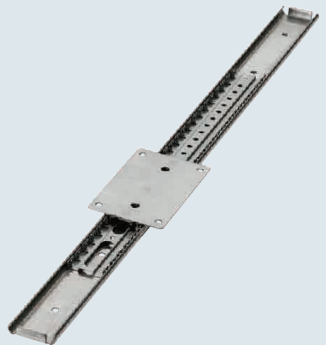


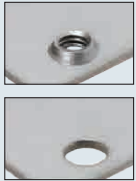
Slide Rails (Load Rating: 65N-120N/pcs)

Stainless Steel Retainer

Stainless Steel Retainer

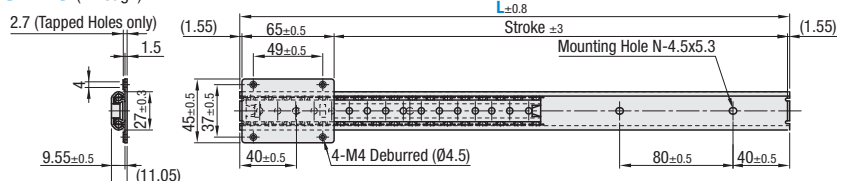


(Slider Back Side)



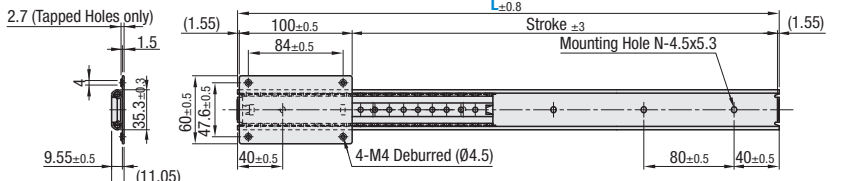
RoHS10

KSRM45 (Tapped Hole)
KSRT45 (Through)



① Drawing indicates KSRM Type. (Ø4.5) is dimension for KSRT

KSRM60 (Tapped Hole)
KSRT60 (Through)



① Drawing indicates KSRM Type. (Ø4.5) is dimension for KSRT

Part	Material
Slider	304 Stainless Steel
Ball	440C Stainless Steel
Rail	304 Stainless Steel

① Use in places where guides are subject to moment load is not recommended.

Part Number		L	Stroke		Mounting Hole Quantity	
Type	No.		KSRM45 KSRT45	KSRM60 KSRT60	KSRM45 KSRT45	KSRM60 KSRT60
KSRM KSRT	45 60	160	91.9	56.9	2	2
		240	171.9	136.9	3	3
		320	251.9	216.9	4	4
		400	331.9	296.9	5	5
		480	411.9	376.9	6	6
		560	491.9	456.9	7	7
		640	571.9	536.9	8	8
		720	651.9	616.9	9	9
		800	—	696.9	—	10
		880	—	776.9	—	11
		960	—	856.9	—	12
		1040	—	936.9	—	13
		1200	—	1096.9	—	15

① Use M4 Hex Socket Button Screws (P2388) or Cross Recessed Pan Head Screws (P2421) to mount rails.



Part Number Example

Part Number

-

L

KSRM45

-

400

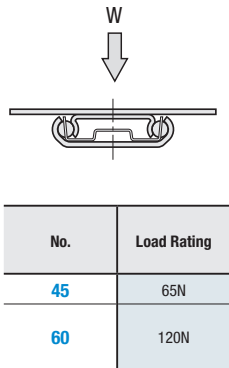
Feature of Tapped Hole

This enables installation in/removal from slider surfaces and requires less assembly time than for existing products.



Cautions

When using in wall mounting arrangements, please properly place work piece so that no moment load is applied on the slides that may cause damages.




① Values above are for one slider.

Preloaded Slide Rail (Load Rating: 80N per Piece)

Stainless Steel

Preloaded Stainless Steel Slide Rail

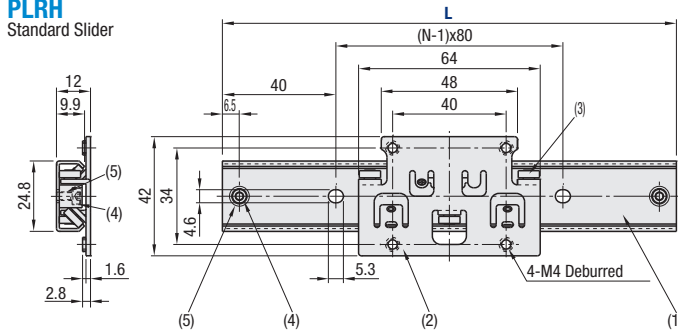


Type Set			Part	Material	Surface Treatment
Standard Slider	Slider with a Lock	Standard 1 Pc. & with a Clamper 1 Pc.			
PLRH Slider 1 Pc.	PLRC Slider 1 Pc.	PLR2HC Sliders 2 Pcs.	(1) Rail	440C Stainless Steel or Equivalent	—
PLR2H Sliders 2 Pcs.	PLR2C Sliders 2 Pcs.		(2) Slider Plate	SECC	Electroless Nickel Plating
			(3) Bearing	440C Stainless Steel	—
			(4) M3 x 6 Hex Socket Head Cap Screw	302HQ Stainless Steel	—
			(5) Fall-Off Prevention Stopper	Polyacetal	—
			(6) Lock (Tip: Polyacetal)	304 Stainless Steel	—

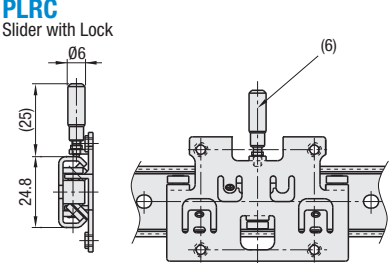
① Pre-load is adjusted with a rail and slider in a set.
② Rails and sliders are non-interchangeable. ③ Slider and rail are not sold separately; sold as a pair only.

Allowable Temperature: -10~60°C

PLRH
Standard Slider



PLRC
Slider with Lock



*When clamp screw tip comes in contact with rail side surfaces
*Use Cross Recessed Pan Head Screws (P2421) to mount rails

Part Number		L	No. of Mounting Holes N	Effective Stroke*
Type	No.			
Slider Standard PLRH Slider 1 Pc. PLR2H Slider 2 Pcs. Slider with Lock PLRC Slider 1 Pc. PLR2C Slider 2 Pcs. Standard Slider 1 Pc. + With Lock 1 Pc. PLR2HC Slider 2 Pcs.	25	160	2	88
		240	3	168
		320	4	248
		400	5	328
		480	6	408
		560	7	488
		640	8	568
		720	9	648
		800	10	728
		880	11	808
		960	12	888
		1040	13	968
		1200	15	1128

① *Effective stroke is the dimension value with a margin of approx. 3 mm set from contacts of sliders and stoppers to avoid conflict between them.

② Selecting Slider 2 pcs. Type reduces the effective stroke by the slider length.



Part Number Example

Part Number

-

L

PLRH25

-

640

PLR25

-

640

PLRC / PLR2C / PLR2HC with a Lock

Sliders can be secured to desired position by tightening Clamp Screws.

Retaining Force (Reference Value): 1.8kg

Tightening Torque: 0.2N·m

① Note In the event that tightening torque exceeds 0.2N·m, resin screw tip can deform.

Cautions

When using in wall mounting arrangements

Please properly place workpiece so that no moment load is applied on the slides that may cause damages.

Falling-off Prevention

To use linear rails in vertical or inclined states, provide them with external structures to prevent blocks from falling off.

Maintenance

Rails are greased before shipment. Please lubricate bearing running surface with urea-based grease as needed.

* When at a low speed and for low precision applications, slide rails can be used with no grease applied.

Structure

