

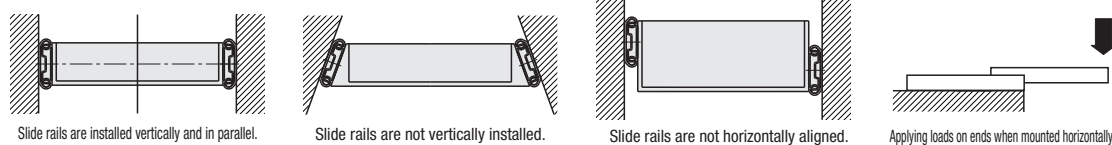
# Slide Rails

## Precautions for Use

### Installation Posture

- Install slide rails to be parallel to each other and perpendicular to vertical surface.
- Load ratings and performance will diminish sharply when rails are not properly installed. For horizontal installation, the target value of load rating is 25% (Reference Value).
- For horizontal installation, if load more than the above reference value is applied, or if center of gravity is put over positions separated from rail center, inner rails may fall off outer rails. Please test and confirm this issue before using the product.

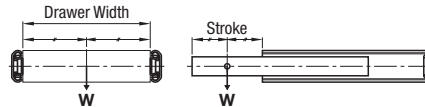
#### Installation Posture Examples



- Use in applications where guides are subjected to moment load is not recommended.

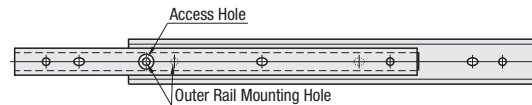
### Load Rating Definition

- Rated load is a static load at the center of extended rail on drawer side.



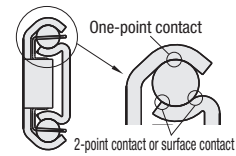
### Mounting Method

- On areas containing conflict between rails and mounting holes, move access holes over mounting holes before mounting screws.

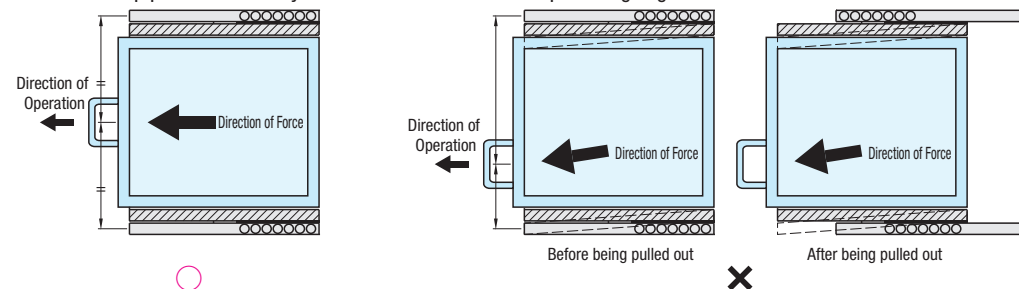


### Ball Retainer Creep phenomenon

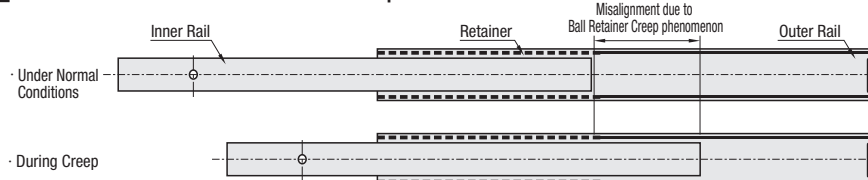
- On slide rails, warpage due to machining operations prevents Ball Track Surface from forming into fully circled arch. Therefore, contacts between outer / inner rails and balls variously alter, and affect travel distance of these balls. Ball misalignment effect when the said travel distance changes is called Ball Retainer Creep phenomenon.
- If this misalignment occurs, more force than in normal sliding operations may be required to correct the misalignment.
- If Ball Retainer Creep phenomenon occurs, softly pull the rails back to the fully open position to correct misalignment.
- If the rails are repeatedly slid without being fully opened, the previous misalignment is not corrected, and more significant misalignment may occur.
- If unbalanced load is applied due to location deviation of grips toward one side slide rail, Ball Retainer Creep phenomenon may occur. Be careful about this upon designing.



Contacts on Ball change due to difference in gravity center position, or in moving distance between right and left slides, can cause misalignment.



#### Slide Rails at the time of ball retainer creep



Retainers reach their left ends of the outer rails, but misalignment prevents the product from becoming the full stroke state. In order to resolve Ball Retainer Creep phenomenon, strongly slide inner rails to put the product in full stroke state.

### Precaution about other operations

- Strong shocks while opening / closing slide rails will cause damage.
- Installation of stopper or buffer on the housing is recommended to protect slide rails from strong shocks.

# Slide Rails

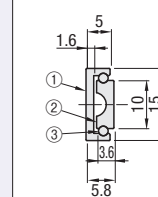
## Aluminum, Light Load

**Feature:** The rails are made of aluminum alloy.

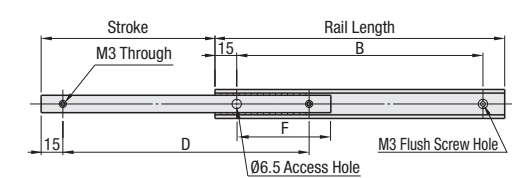
### Light Load, Two-Step Telescopic Slide Rails



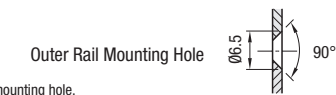
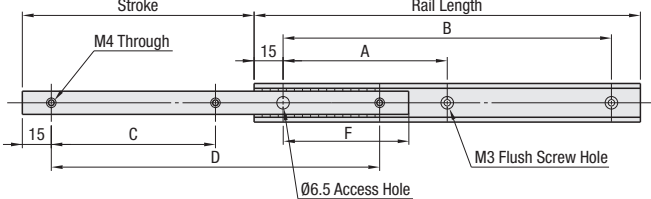
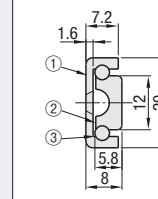
#### SARC2 (Compact Type)



Load Rating: 51 ~ 147 N/2 pcs Rail Disassembly: Not Possible



#### SAR2



	Material	Surface Treatment
①	Aluminum Alloy	Clear Anodize
②		
③	Steel	-

A and B indicate outer rail mounting hole.

Part Number		Rail Length	Stroke	A	B	C	D	F	Load Rating (N/2 pcs.)		SARC2		SAR2	
Type	No.								SARC2	SAR2	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
SARC2 SAR2	06	60	30	-	30	-	30	25	51	147	1 ~ 5 pc(s).	6 ~ 19 pcs.	1 ~ 5 pc(s).	6 ~ 19 pcs.
	07	70	40	-	40	-	40	25						
	09	90	50	-	60	-	60	25						
	10	100	60	-	70	-	70	25						
	20	200	120	85	170	85	170	65	-		-	-	-	
	30	300	180	135	270	135	270	105	-		-	-	-	
	40	400	240	185	370	185	370	145	-		-	-	-	
	50	500	300	235	470	235	470	185	-		-	-	-	

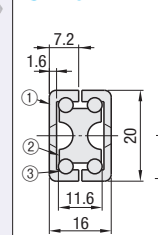
The rails can not be pulled apart. Use M3 Flat Head Screws to mount rails.

For larger quantity orders "Days to Ship" may differ from published catalog term.

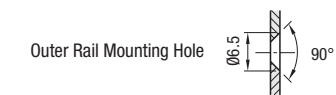
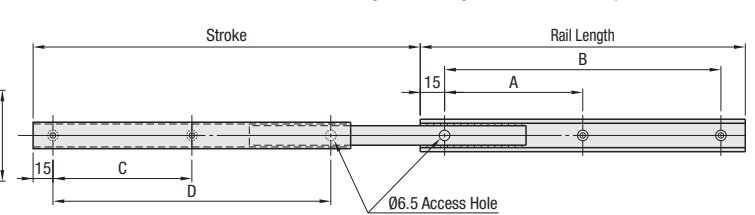
### Light Load, Three-Step Telescopic Slide Rails



#### SAR3



Load Rating: 147 N/2 pcs Rail Disassembly: Not Possible



	Material	Surface Treatment
①	Aluminum Alloy	Clear Anodize
②		
③	Steel	-

Part Number	Rail Length	Stroke	A	B	C	D	Load Rating (N/2 pcs.)	Unit Price	
								1 ~ 5 pc(s)	6 ~ 19 pcs.
Type	No.								
SAR3	10	100	100	-	70	-	70		
	20	200	223	85	170	85	170		
	30	300	345	135	270	135	270		
	40	400	460	185	370	185	370		
	50	500	576	235	470	235	470		

The rails can not be pulled apart. Use M3 Flat Head Screws to mount rails.

For larger quantity orders "Days to Ship" may differ from published catalog term.



Ordering Example

Part Number  
SAR350



Days to Ship

Configure Online