

# Roller Slide Rails

Load Rating: 80N, 150N/pc

# High-Precision Simplified Slide Rails - Preloaded

Load Rating: 80N/pc

Stainless Steel, With Ball Bearing, With Lock

■ **Features:** No.25 is maintenance-free and low-noise. No.40 enables relatively smooth sliding with little clearance.

Set	Type	Part Name	Material	Surface Treatment
RSR25 (Slider 1 pc.)	RSRR25	① Rail	Aluminum Alloy	Clear Anodize
		② Slider Plate	SUS304	-
		③ Roller	Polyacetal	-
RSR40 (Slider 1 pc.)	RSRR40 RSRT40 (Connector Rail)	① Rail	SPCC	Trivalent Chromate
		② Slider Plate	SPCC	Trivalent Chromate
		③ Roller	SMF5040	-

**RSR25 (Slider 1 pc.)**  
 Rail only **RSRR25**

**RSR40 (Slider 1 pc.)**  
 Rail only **RSRR40**

Connector Rail **RSRT40**

With connecting brackets and screws  
 The stopper is screw mounted and can be removed.

Part Number	L	Effective Stroke*	Number of Mounting Holes M	ℓ	Rail Mass (g)	Unit Price	
Type	No.	Selection	Slider 1 pc.			RSR25	RSRR25
Set RSR Rail RSRR	25	160	74	2	40	32	
		240	154	3	40	48	
		320	234	4	40	64	
		400	314	5	40	80	
		480	394	6	40	96	
		560	474	7	40	112	
		640	554	8	40	128	
		720	634	9	40	144	
		800	714	10	40	160	
		880	794	11	40	176	
		960	874	12	40	192	
		1040	954	13	40	208	
1200	1114	15	40	240			

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

Part Number - L  
 RSR25 - 640  
 RSR40 - 800

Alterations	Code	Spec.
Additional Slider	S	Sliders are added. Please specify additional slider quantity after S. Selection Example Additional Slider Qty.   Ordering Code   Slider Total Qty. 5   RSR25-640-S5   6
* Added sliders are the same size as that of the original part number model. * When ordering 50 or more identical sliders at a time, please request a quotation. * Not applicable when ordering rails only.		

Part Number	L	Effective Stroke*	Number of Mounting Holes M	ℓ	Rail Mass (g)	Unit Price	
Type	No.	Selection	Slider 1 pc.			RSR40	RSRR40
Set RSR Rail RSRR	40	300	194	3	50	400	
		350	244	4	25	440	
		400	294	4	50	480	
		450	344	5	25	520	
		500	394	5	50	560	
		550	444	6	25	590	
		600	494	6	50	630	
		650	544	7	25	670	
		700	594	7	50	700	
		750	644	8	25	740	
		800	694	8	50	770	
		900	794	9	50	850	
		1000	894	10	50	920	
		1200	1094	12	50	1070	
		1500	1394	15	50	1280	
1800	1694	18	50	1490			

Part Number	L	Number of Mounting Holes M	ℓ	Rail Mass (g)	Unit Price
Connector Rail RSRT40	800	8	50	600	

■ **Features**  
 Newly adopted Roller Bearings (grease filled) allow low-noise motion.  
 Load-induced elastic deformation of Ball Bearings may increase the clearance.

■ **Load Rating**

Type No.	25				40			
Load Direction	Pa	Pb	Pc	Pd	Pa	Pb	Pc	Pd
Static Load Rating	120N	240N	100N		250N	500N	165N	
Dynamic Load Rating	40N	80N	30N		75N	150N	50N	
Clearance (mm)	0.1 or less		0.15 or less		0			

<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.

■ **Features:** Corrosion resistant since made of stainless steel. Applied preload stops gap between rails and bearings, and enables smooth driving without vibration.

Type Set	Part Name	Material	Surface Treatment
PLRH (Slider 1 pc.) PLR2H (Slider 2 pcs.)	① Rail	SUS430	-
	② Slider Plate	SECC	Electroless Nickel Plating
	③ Bearing	SUS40C Equivalent	-
	④ M3x6 Hex Socket Head Cap Screw	SUSXM7	-
	⑤ Fall-Off Prevention Stopper	Polyacetal	-
	⑥ Lock (Tip: Polyacetal)	SUS303	-

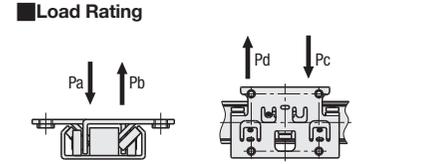
Preload is adjusted with a rail and a slider in a set.  
 Rails and sliders are non-interchangeable. \*Slider and rail are not sold separately; sold as a pair only.

Allowable Temperature: -10 ~ 60°C

Part Number	L	Number of Mounting Holes N	Effective Stroke*	Unit Price				
Type	No.	Selection		PLRH25	PLRC25	PLR2H25	PLR2C25	PLR2HC25
Slider Standard Type PLRH (Slider 1 pc.) PLR2H (Slider 2 pcs.)	25	160	2	88				
		240	3	168				
		320	4	248				
		400	5	328				
		480	6	408				
		560	7	488				
Slider with Lock Type PLRC (Slider 1 pc.) PLR2C (Slider 2 pcs.)	25	640	8	568				
		720	9	648				
		800	10	728				
		880	11	808				
		960	12	888				
		1040	13	968				
Standard Slider 1 pc. + With Lock 1 pc. PLR2HC (Slider 2 pcs.)	1200	15	1128					

\* Effective stroke is the dimension value with a margin of approx. 3mm set from contacts of sliders and stoppers to avoid conflict between them.  
 \* Selecting Slider 2 pcs. Type reduces the effective stroke by the slider length.

Ordering Example  
 Part Number - L  
 PLRH25 - 640  
 PLRC25 - 640

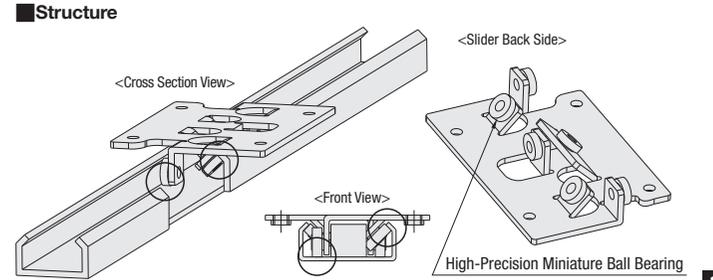


No.	25			
Load Direction	Pa	Pb	Pc	Pd
Static Load Rating	200N	100N	100N	50N
Dynamic Load Rating	80N	30N	20N	10N
Clearance (mm)	0			

\* Values above are for one slider.  
 \* Allowable Moment Load (N · cm) = Load Rating x 30% (Reference Value)  
 \* Clearance values are at the time of shipping.  
 \* Load-induced elastic deformation of Ball Bearings may increase preload to 0 or more. For load and displacement information, please access our web site.

■ **Slider with Lock** Sliders can be secured to desired position by tightening Clamp Screws. Retaining Force (Reference Value): 1.8kg. Tightening Torque: 0.2N · m  
 \* Note in the event that tightening torque exceeds 0.2N · m, resin screw tip can deform.

■ **Cautions**  
 - Please properly place workpiece so that no moment load is applied on the slides used in wall-hanging that may cause damages.  
 - 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 them with urea-based grease meeting usage conditions, as needed.  
 \* When at a low speed and for low precision applications, this can be used with no grease applied.



# Simplified Slide Rails

## Aluminum, With Ball Bearing

Load Rating: 79N/pc

# Simplified Slide Rails

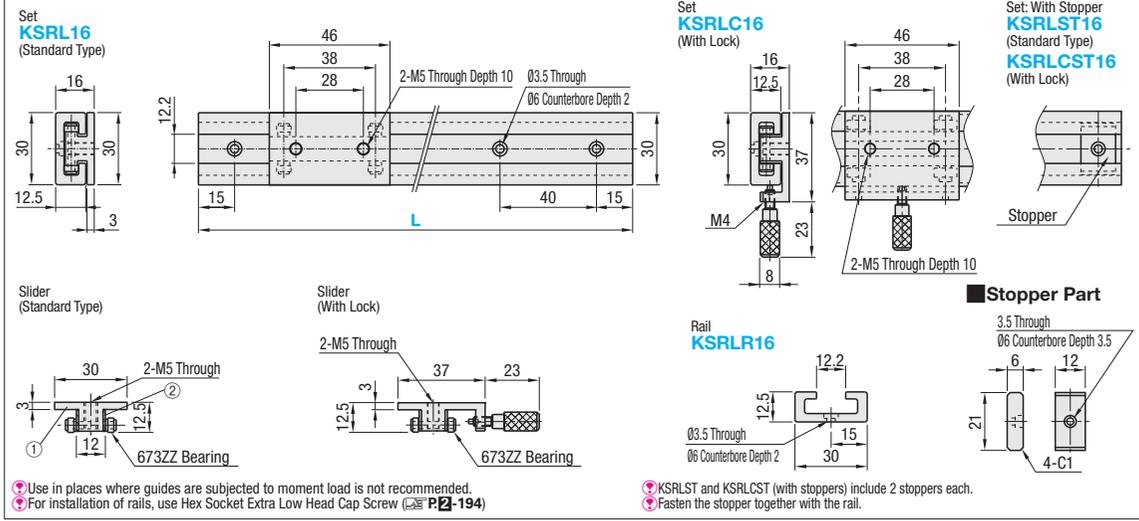
## Stainless Steel, With Ball Bearing, With Lock

Load Rating: 380N, 460N/pc

■ Features: Lightweight since made of aluminum.

	Type		Rail	Part Name	Material	Surface Treatment
	Set (Slider 1 pc. + Rail 1 pc.) Standard Type	With Lock				
No Stopper	KSRL	KSRLC	KSRLR	Slider	① Aluminum Alloy ② Polyacetal	Hard Clear Anodize
				Rail	Aluminum Alloy	Hard Clear Anodize
With Stopper	KSRLST	KSRLCST	-	Stopper	MC Nylon	-
				Lock	Thread: SUS304 Tip: Polyacetal	-

⚠ To prevent the slider fall-off, select with-stopper type.



Part Number	Type	No.	L	Mounting Hole Qty.	Effective Stroke Slider 1 pc.	Load Rating N (kgf)	Unit Price					Addable Slider Qty.	
							KSRL	KSRLC	KSRLR	KSRLST	KSRLCST		
70	Set Standard Type KSRL (With Stopper) KSRLST KSRLC (With Stopper) KSRLCST Rail only KSRLR	2	18	-	-	79(8)	-	-	-	-	-	-	
110		3	58	16	-		-	-	-	-	-	1	-
150		4	98	56	-		-	-	-	-	-	1~2	-
190		5	138	96	-		-	-	-	-	-	1~2	-
230		6	178	136	-		-	-	-	-	-	1~3	-
270		7	218	176	-		-	-	-	-	-	1~3	-
310		8	258	216	-		-	-	-	-	-	1~5	1~4
350		9	298	256	-		-	-	-	-	-	1~6	1~5
390		10	338	296	-		-	-	-	-	-	1~7	1~6
430		11	378	336	-		-	-	-	-	-	1~8	1~7
470		12	418	376	-		-	-	-	-	-	1~9	1~8
510		13	458	416	-		-	-	-	-	-	1~9	1~9
550		14	498	456	-		-	-	-	-	-	1~10	1~10
590		15	538	496	-		-	-	-	-	-	1~10	1~10
630		16	578	536	-		-	-	-	-	-	1~10	1~10
670		17	618	576	-		-	-	-	-	-	1~10	1~10
710	18	658	616	-	-	-	-	-	-	1~10	1~10		
750	19	698	656	-	-	-	-	-	-	1~10	1~10		
790	20	738	696	-	-	-	-	-	-	1~10	1~10		
830	21	778	736	-	-	-	-	-	-	1~10	1~10		
870	22	818	776	-	-	-	-	-	-	1~10	1~10		
910	23	858	816	-	-	-	-	-	-	1~10	1~10		
950	24	898	856	-	-	-	-	-	-	1~10	1~10		
990	25	938	896	-	-	-	-	-	-	1~10	1~10		
1030	26	978	936	-	-	-	-	-	-	1~10	1~10		

⚠ \*1 Effective stroke (No Stopper) is the dimension value with a margin of approx. 3mm set from each end to avoid dropout of sliders.

⚠ \*2 Effective stroke (With Stopper) is the dimension value with a margin of approx. 3mm set from contacts of sliders and stoppers to avoid conflict between them.

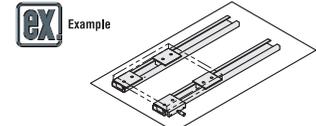
Ordering Example: Part Number - L

KSRL16 - 310 (Set)

KSRLC16 - 910 (Set With Lock)

KSRLST16 - 390 (Set With Stopper)

KSRLR16 - 630 (Rail only)



Alterations: Part Number - L - (S, C)

KSRL16 - 550 - S1

Alterations	Code	Spec.
Additional Slider	S	Sliders are added. Please specify additional slider quantity after S and C. Please refer to the price list for maximum quantity of addable sliders.
With Lock Slider	C	Added sliders are the same size as that of the original part number model.

Selection Example

Additional Slider Qty.	Ordering Code	Slider Total Qty.
5	KSRL16-550-S5	6
1	KSRL16-550-S1-C2	4

⚠ Added sliders are the same size as that of the original part number model.

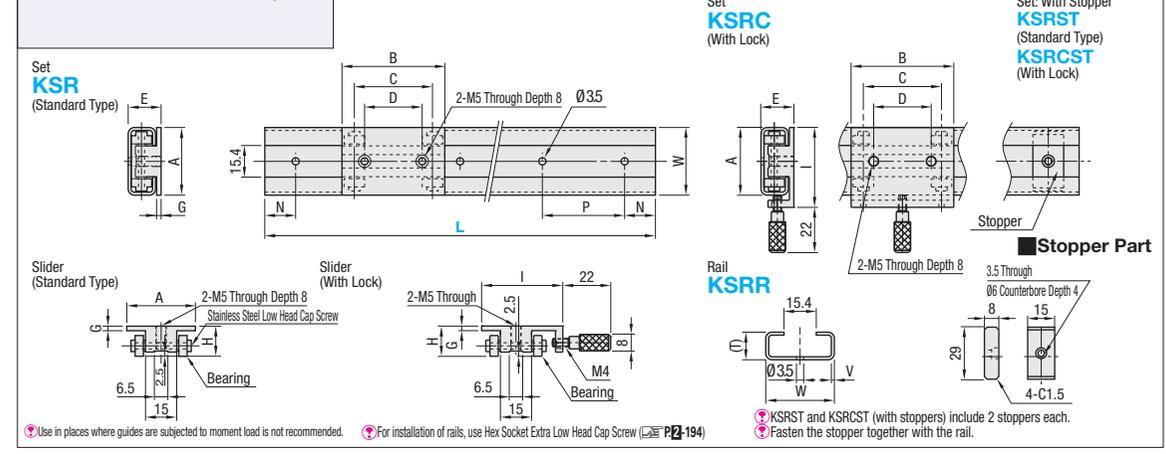
⚠ When ordering 50 or more identical sliders at a time, please request a quotation.

⚠ Not applicable when ordering rails only.

■ Features: Corrosion resistant since made of stainless steel.

	Type		Rail	Part Name	Material
	Set (Slider 1 pc. + Rail 1 pc.) Standard Type	With Lock			
No Stopper	KSR	KSRC	KSRR	Slider	SUS304
				Rail	SUS304
With Stopper	KSRST	KSRCST	-	Stopper	MC Nylon
				Clamp Screw	SUS304

⚠ To prevent the slider fall-off, select with-stopper type.



No.	Slider									Rail				
	A	B	C	D	E	G	H	I	W	P	N	(T)	V	Bearing
13	32	40	30	20	13	1.8	11.8	38	32	50	10	10.7	1.2	SUS693ZZ Bearing
16	33	50	38	28	16	2.2	14.55	39	33	40	15	13.3	1.5	SUS623ZZ Bearing

Part Number	Type	No.	L	Mounting Hole Qty.	Effective Stroke Slider 1 pc.	Load Rating N (kgf)	Unit Price					Addable Slider Qty.	
							KSR	KSRST	KSRC	KSRCST	KSRR		
70	Set Standard Type KSR (With Stopper) KSRST KSRC (With Stopper) KSRCST Rail only KSRR	2	14	-	-	380(39)	-	-	-	-	-	-	
120		3	74	39	-		-	-	-	-	-	1	-
170		4	124	89	-		-	-	-	-	-	1~3	1~2
220		5	174	139	-		-	-	-	-	-	1~4	1~3
270		6	224	189	-		-	-	-	-	-	1~5	1~4
320		7	274	239	-		-	-	-	-	-	1~6	1~5
370		8	324	289	-		-	-	-	-	-	1~8	1~7
420		9	374	339	-		-	-	-	-	-	1~9	1~8
470		10	424	389	-		-	-	-	-	-	1~10	1~9
520		11	474	439	-		-	-	-	-	-	1~10	1~10
570		12	524	489	-		-	-	-	-	-	1~10	1~10
620		13	574	539	-		-	-	-	-	-	1~10	1~10
670		14	624	589	-		-	-	-	-	-	1~10	1~10
720		15	674	639	-		-	-	-	-	-	1~10	1~10
770		16	724	689	-		-	-	-	-	-	1~10	1~10
70		Set Standard Type KSR (With Stopper) KSRST KSRC (With Stopper) KSRCST Rail only KSRR	2	14	-		-	460(47)	-	-	-	-	-
110	3		54	9	-	-	-		-	-	-	1	-
150	4		94	49	-	-	-		-	-	-	1~2	-
190	5		134	89	-	-	-		-	-	-	1~3	1~2
230	6		174	129	-	-	-		-	-	-	1~4	1~3
270	7		214	169	-	-	-		-	-	-	1~5	1~4
310	8		254	209	-	-	-		-	-	-	1~6	1~5
350	9		294	249	-	-	-		-	-	-	1~7	1~6
390	10		334	289	-	-	-		-	-	-	1~8	1~7
430	11		374	329	-	-	-		-	-	-	1~9	1~8
470	12		414	369	-	-	-		-	-	-	1~9	1~8
510	13		454	409	-	-	-		-	-	-	1~9	1~8
550	14		494	449	-	-	-		-	-	-	1~9	1~8
590	15		534	489	-	-	-		-	-	-	1~9	1~8
630	16		574	529	-	-	-		-	-	-	1~9	1~8
670	17		614	569	-	-	-		-	-	-	1~10	1~9
710	18	654	609	-	-	-	-	-	-	1~10	1~9		
750	19	694	649	-	-	-	-	-	-	1~10	1~9		
790	20	734	689	-	-	-	-	-	-	1~10	1~9		
830	21	774	729	-	-	-	-	-	-	1~10	1~9		
870	22	814	769	-	-	-	-	-	-	1~10	1~9		
910	23	854	809	-	-	-	-	-	-	1~10	1~9		
950	24	894	849	-	-	-	-	-	-	1~10	1~9		
990	25	934	889	-	-	-	-	-	-	1~10	1~9		
1030	26	974	929	-	-	-	-	-	-	1~10	1~9		

⚠ \*1 Effective stroke (No Stopper) is the dimension value with a margin of approx. 3mm set from each end to avoid dropout of sliders.

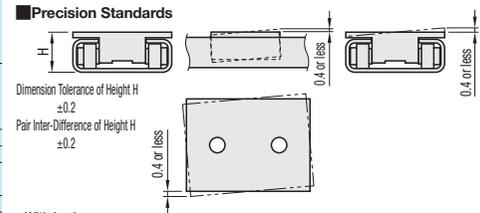
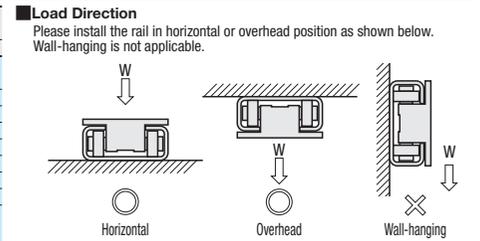
⚠ \*2 Effective stroke (With Stopper) is the dimension value with a margin of approx. 3mm set from contacts of sliders and stoppers to avoid conflict between them.

Ordering Example: Part Number - L

KSR13 - 520 (Set)

KSRST16 - 510 (Set With Stopper)

KSRR16 - 630 (Rail only)



<With Lock>

Simply push rail side surfaces with clamp screws to hold a slider position manually.

Retaining Force (Reference Value)

13	3.9kg
16	5.2kg

⚠ Retaining force is the value when Tightening Torque is 0.2N · m.

\*When external force more than retaining force is applied, retaining position will change.

\*When installing simplified slide rails on vertical position or slanted position, provide external devices to avoid sliders falling off.

Alterations: Part Number - L - (S, C)

KSRL16 - 550 - S1

Alterations	Code	Spec.
Additional Slider	S	Sliders are added. Please specify additional slider quantity after S and C. Please refer to the price list for maximum quantity of addable sliders.
With Lock Slider	C	Added sliders are the same size as that of the original part number model.

Selection Example

Additional Slider Qty.	Ordering Code	Slider Total Qty.
5	KSRL16-550-S5	6
1	KSRL16-550-S1-C2	4

⚠ Added sliders are the same size as that of the original part number model.

⚠ When ordering 50 or more identical sliders at a time, please request a quotation.

⚠ Not applicable when ordering rails only.

詳細は  
こちら

P.877～

## アルミローラスライドレール

精密押出成形されたアルミ合金製。  
軽量アウトメンバーに、耐摩耗性に優れている  
樹脂製専用ベアリングを組み合わせた  
小音でスムーズなスライドレールです。



## 特長

## ■薄形・軽量・ローコスト

アルミ合金製の薄肉・軽量アウトメンバーと樹脂製専用ベアリングを組み合わせた薄形・軽量スライドレールです。構造をシンプルにローコストを実現しました。

## ■メンテナンスフリー

耐食性・耐摩耗性に優れた材料を使用し、ベアリング内にはグリスを封入している為、メンテナンスフリーで使用できます。

## ■スムーズ・小音

高精度のアウトメンバー転動面を専用精密成形されたベアリングが転がる為、スムーズで静かな動きが得られます。

## ■高速性

ベアリング1回転で約60mmトラベルできる為、高速度の直線運動案内に適しています。

## ■グリスレス&amp;クリーン

通常のスライドレールと異なり、表面にグリスの付着がなく精密押出成形されたメンバー表面ともども抜群の美しさです。収納家具などの引き出し部に使用しても収納物を汚す事はありません。

## 用途

OA機器や家電品、収納家具や軽量スライドドアなどの案内部にご使用ください。

## 技術データ

使用している専用樹脂ベアリングの定格荷重はラジアル方向で40N(1個)です。

ハンドル  
&グリップ  
インジケータ  
&スケール  
アクチュエータ  
ユニット  
回転軸  
関連  
レバー  
ノブ  
取手  
ヒンジ  
&ラッチ  
オイルキャブ  
&ゲージ  
アジャスター  
フット  
&キャスタ  
テンション  
ガイド  
レール  
ガイド  
ローラー  
スライド  
レール  
スイッチ  
ドッグ  
ブラジャ  
位置決め  
部品  
ワンタッチ  
着脱  
ワンタッチ  
スライドロック  
エア  
クランプ  
ワンタッチ  
クランプ  
クランプ  
&ストッパー  
サポーター  
&スベサー  
ワーク  
グリッパー  
ボルト  
&ナット  
吊具  
工場用  
無線機器  
機械  
カバー  
各種  
サービス

## ARR36

## アルミローラスライドレール

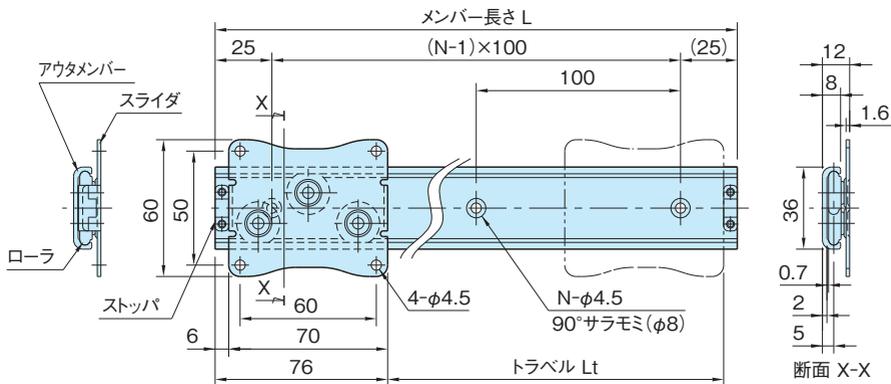
**IMAO**

標準在庫品 R0HS※



★One Point  
小音でスムーズ

アウタメンバー	スライダ	ローラ	ストッパ
アルミ合金 (A6N01S-T5) アルマイト表面処理 ナチュラル	スチール (SPCC) 電気亜鉛メッキ (光沢クロメート)	ポリアセタール ホホワイト	ポリアミド ナチュラル



### ■アルミローラスライドレール

品番	L (±0.8)	Lt (±3)	N	質量 (g/本)	価格
ARR36-150	150	68	2	100	3,800
ARR36-250	250	168	3	125	3,900
ARR36-350	350	268	4	150	4,000
ARR36-450	450	368	5	175	4,100
ARR36-550	550	468	6	200	4,200
ARR36-650	650	568	7	225	4,300
ARR36-750	750	668	8	250	4,700

### ■追加スライダ

品番	質量 (g)	価格
ARRS36	65	2,500



### 特長

軽量アウタメンバーに、耐摩耗性に優れている樹脂製専用ベアリングを組み合わせた小音でスムーズなスライドレールです。

※一部の製品がRoHS指令に適合しておりません。最新情報を当社ホームページでご確認ください。

- ハンドル & グリップ
- インジケータ & スケール
- アクチュエータ ユニット
- 回転軸 関連
- レバー
- ノブ
- 取手
- ヒンジ & ラッチ
- オイルキャップ & ゲージ
- アジャスター フット & キャスタ
- デシヨナー
- ガイド レール
- ガイド ローラー
- スライド レール**
- スイッチ ドッグ
- ブラジャヤー
- 位置決め 部品
- ワンタッチ 着脱
- ワンタッチ スライドロック
- エア クランプ
- ワンタッチ クランプ
- クランプ & ストッパ
- サポーター & スペーサー
- ワーク グリッパー
- ボルト & ナット
- 吊具
- 工場用 無線機器
- 機械 カバー
- 各種 サービス