

# Simplified Slide Rails (Load Rating: 79N per Piece)

## Ball Bearing Aluminum Rails

**Simplified Slide Rails with Ball Bearings**

	Type		Rail	Part	Material	Surface Treatment	
	Set (Slider 1 Pc. + Rail 1 Pc.) Standard	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	304 Stainless Steel	—
				Tip	Polyacetal	—	

**Set KSRL16 (Standard)**

**Slider (Standard)**

**Set KSRLC16 (With Lock)**

**Slider (With Lock)**

**Set with Stopper KSRLST16 (Standard)**

**Stopper Parts**

**Rail KSRLR16**

**Notes:**

- Use in applications where guides are subjected to moment load is not recommended.
- For installation of rails, use Hex Socket Extra Low Head Cap Screw P.2401.

Part Number	Type	No.	L	Mounting Hole Qty	Effective Stroke Slider 1 pc.		Load Rating N (kgf) Slider 1 Pc.	Additional Sliders Addable Qty.	
					No Stopper *1	With Stopper *2		No Stopper	With Stopper
70	Set Standard (With Stopper) KSRL	2	18	2	18	79(8)	1	—	
110		3	58	3	58	1	—		
150		4	98	4	98	1-2	—		
190		5	138	5	138	1-3	1-2		
230		6	178	6	178	1-3	1-3		
270		7	218	7	218	1-5	1-4		
310		8	258	8	258	1-6	1-5		
350		9	298	9	298	1-7	1-6		
390		10	338	10	338	1-8	1-7		
430		11	378	11	378	1-9	1-8		
470		12	418	12	418	1-9	1-8		
510		13	458	13	458	1-10	1-10		
550		14	498	14	498	—	—		
590		15	538	15	538	—	—		
630		16	578	16	578	—	—		
670		17	618	17	618	—	—		
710	18	658	18	658	—	—			
750	19	698	19	698	—	—			
790	20	738	20	738	—	—			
830	21	778	21	778	—	—			
870	22	818	22	818	—	—			
910	23	858	23	858	—	—			
950	24	898	24	898	—	—			
990	25	938	25	938	—	—			
1030	26	978	26	978	—	—			

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

\*2 Effective stroke (With Stopper) is the dimension value with a margin of approx. 3 mm set from contacts of sliders and stoppers to avoid conflict between them. P.2401.

**Part Number Example**

Part Number - L

KSRL16 - 310 (Set)

KSRLC16 - 910 (Set with Lock)

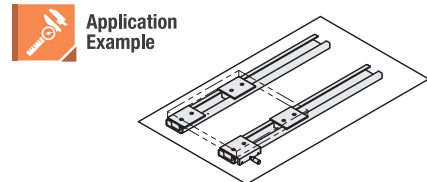
KSRLST16 - 390 (Set with Stoppers)

KSRLR16 - 630 (Rail Only)

**Part Number Alterations**

Part Number - L - (S / C)

KSRL16 - 550 - S1



Alterations	Code	Spec.
Additional Slider	Standard Slider	S
	Slider With Lock	C

Selection Example			
Added Slider Qty	Order Code		Slider Total No.
	Standard Sliders Added	With Lock	
5	0	KSRL16-550-S5	6
1	2	KSRL16-550-S1-C2	4

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

Not applicable for ordering rails by a single unit

# Simplified Slide Rails (Load Rating: 380, 460N per Piece)

## Ball Bearing Stainless Steel Rail with Lock

**Simplified Ball Bearing Slide Rail with Lock**

	Type		Rail	Part	Material
	Set (Slider 1 Pc. + Rail 1 Pc.) Standard	With Lock			
No Stopper	KSR	KSRC	KSRR	Slider	304 Stainless Steel
				Rail	304 Stainless Steel
With Stopper	KSRST	KSRCST	—	Stoppers	MC Nylon
				Lock Screw	304 Stainless Steel

**Set KSR (Standard)**

**Slider (Standard)**

**Set KSRC (With Lock)**

**Slider (With Lock)**

**Set with Stopper KSRST (Standard)**

**Stopper Parts**

**Rail KSRR**

**Notes:**

- Use in places where guides are subjected to moment load is not recommended.
- For installation of rails, use Hex Socket Extra Low Head Cap Screw P.2401.
- KSRRST and KSRCST (with stoppers) include 2 stoppers each.
- Fasten the stopper together with the rail.

No.	Slider									Rail				Bearing
	A	B	C	D	E	G	H	I	W	P	N	(T)	V	
13	32	40	30	20	13	1.8	11.8	38	32	50	10	10.7	1.2	Stainless Steel 693ZZ Bearing
16	33	50	38	28	16	2.2	14.55	39	33	40	15	13.3	1.5	Stainless Steel 623ZZ Bearing

Part Number	Type	No.	L	Mounting Hole Qty	Effective Stroke Slider 1 pc.		Load Rating N (kgf) Slider 1 Pc.	Additional Sliders Qty.	
					No Stopper *1	With Stopper *2		No Stopper	With Stopper
70	Standard Set (With Stopper) KSR	2	24	2	24	380 (39)	—	—	
120		3	74	3	74	1	—		
170		4	124	4	124	1-3	1-2		
220		5	174	5	174	1-4	1-3		
270		6	224	6	224	1-5	1-4		
320		7	274	7	274	1-6	1-5		
370		8	324	8	324	1-8	1-7		
420		9	374	9	374	1-9	1-8		
470		10	424	10	424	1-9	1-9		
520		11	474	11	474	—	—		
570		12	524	12	524	—	—		
620		13	574	13	574	1-10	1-10		
670		14	624	14	624	—	—		
720		15	674	15	674	—	—		
770		16	724	16	724	—	—		
70		With Lock (With Stopper) KSRC	2	14	2	14	460 (47)	—	—
110	3		54	3	54	1	—		
150	4		94	4	94	1-2	1-2		
190	5		134	5	134	1-3	1-3		
230	6		174	6	174	1-4	1-4		
270	7		214	7	214	1-5	1-5		
310	8		254	8	254	1-6	1-6		
350	9		294	9	294	1-7	1-7		
390	10		334	10	334	1-8	1-8		
430	11		374	11	374	1-9	1-9		
470	12		414	12	414	—	—		
510	13		454	13	454	—	—		
550	14		494	14	494	—	—		
590	15		534	15	534	—	—		
630	16		574	16	574	—	—		
670	17		614	17	614	—	—		
710	18	654	18	654	—	—			
750	19	694	19	694	—	—			
790	20	734	20	734	—	—			
830	21	774	21	774	—	—			
870	22	814	22	814	—	—			
910	23	854	23	854	—	—			
950	24	894	24	894	—	—			
990	25	934	25	934	—	—			
1030	26	974	26	974	—	—			

**Load Direction**

Please install the rail in horizontal or overhead position as shown below. Wall mounting is not recommended.

**RIGHT** Horizontal, **RIGHT** Overhead, **WRONG** Wall-hanging

**Accuracy Standards**

Dimension Tolerance of Height H: ±0.2

Pair Inter-Difference of Height H: ±0.2

Dimension Tolerance of Width: 0.4 or Less

**Retaining Force (Reference Value)**

13	3.9 kg
16	5.2 kg

Retaining force is the value when Tightening Torque is 0.3N·m.

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

\*When installing a simplified slide rails on vertical position or slanted position, use a device to avoid a slider falling off.

Alterations	Code	Spec.
Additional Sliders	Standard Sliders Added	S
	With Lock Slider	C

Selection Example			
Added Slider Qty	Order Code		Slider Total No.
	Standard	With Lock	
5	0	KSRL16-550-S5	6
1	2	KSRL16-550-S1-C2	4

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

Not applicable for ordering rails by a single unit

**Part Number Example**

Part Number - L

KSRL16 - 550 (Set)

KSRLC16 - 910 (Set with Lock)

KSRLST16 - 390 (Set with Stoppers)

KSRLR16 - 630 (Rail Only)

**Part Number Alterations**

Part Number - L - (S / C)

KSRL16 - 550 - S1