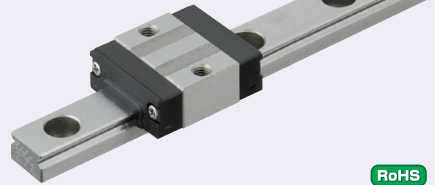


Miniature Linear Guides

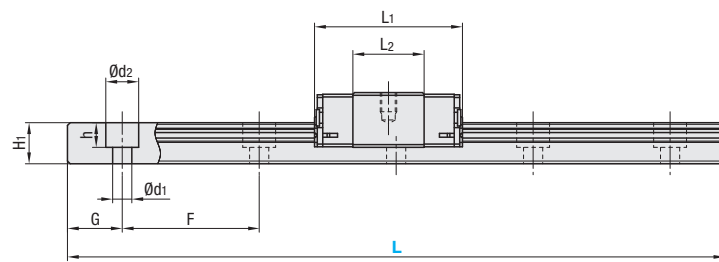
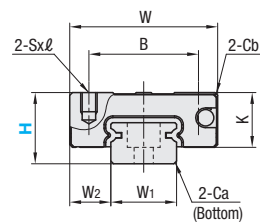
Short Blocks, Light Preload / Slight Clearance

Industry Standard



RoHS

⚠ This Type has the same fitting dimensions as the other company products, and thus, can be substituted for them.
 ⚠ Blocks and rails are not sold as separate items. This Type has guaranteed radial clearances and accuracies as sets of blocks and rails.



⚠ For L Dimension Configurable Type, G dimensions differ from those shown in the table below. For details, see **P.475**

Precautions for Use

- ⚠ Blocks are equipped with retainers (wire) to prevent balls from derailing. For blocks, refer to **P.469**
- ⚠ Radial clearances and accuracies are not guaranteed if the blocks and rails are interchanged from the original set combinations.
- ⚠ Straight grooves are provided on datum planes. Be sure to match the datum lines when using.
- ⚠ Rails cannot be connected end to end.
- ⚠ Running parallelism is the value measured after the rail is mounted (it is not the value measured before the rails are fastened with screws.).

Accessories

- H8 comes with cap screws (M2x6).

Others

- Filled with Lithium soap based grease (Multemp Grease PS2 by Kyodo Yushi Co., Ltd.).
- For Operating Life Calculation **P.471**

Part Number		H	L	Block Dimension					Guide Rail Dimension									
Type				W	L1	B	Sxℓ	L2	K	Cb	W1	W2	H1	Ca	Counterbored Hole d1xd2xh	F	G	
Stainless Steel		8	40~130 (55)	17	19.6	12	M2x2.5	9.6	6.5	0.3	7	5	4.7	0.3	2.4x4.2x2.3	15	5	
Industry Standard Specifications																		
SSEBS	SSEBSZ																	
SSE2BS	SSE2BSZ																	
SSEBSL	SSEBSLZ	10	35~275 (75)	20	22.9	15	M3x3	11.9	7.8	0.3	9	5.5	5.5	0.3	3.5x6x3.5	20	7.5	
SSE2BSL	SSE2BSLZ																	
Carbon Steel																		
SEBS	SEBSZ																	
SE2BS	SE2BSZ	13	45~470 (95)	27	27	20	M3x3.5	13	10	0.5	12	7.5	7.5	0.5	3.5x6x4.5	25	10	
SEBSL	SEBSLZ																	
SE2BSL	SE2BSLZ																	
16		16	70~670 (110)	32	32.7	25	M3x4	17.7	12	0.5	15	8.5	9.5	0.5	3.5x6x4.5	40	15	

⚠ Dimensions in () are for 2-Block Type.

Industry Standard Specifications

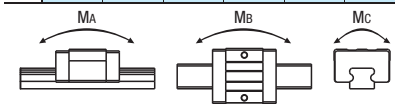
SSEBS
SSE2BS
SSEBSL
SSE2BSL

Carbon Steel
SEBS
SE2BS
SEBSL
SE2BSL

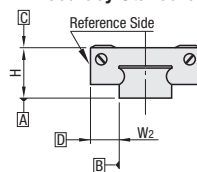
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Unit: μm

H	Basic Load Rating		Allowable Static Moment		Mass	
	C (Dynamic) kN	Co (Static) kN	MA N-m	MB N-m	MC N-m	Block kg
8	0.79	1.27	1.9	1.6	4.6	0.008
10	1.16	1.68	3.1	2.6	7.9	0.015
13	1.63	2.38	5.2	4.4	14.8	0.025
16	3.08	4.23	12.3	10.3	32.6	0.05

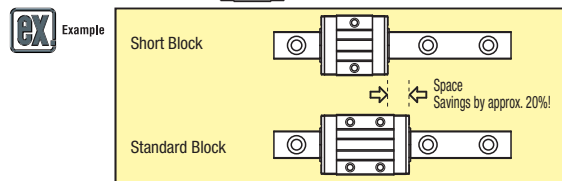


Preload and Accuracy Standards



Specifications	Light Preload / High Grade	Slight Clearance, Standard Grade
Radial Clearance	-3~0	0~+15
Height H Tolerance	±20	±20
Pair Variation of Height H	15	40
Width W2 Tolerance	±25	±25
Pair Variation of Width W2	20	40
Running Parallelism of Plane C against Plane A	See P.469	
Running Parallelism of Plane D against Plane A		

⚠ Slight Clearance Type has clearance (Gap) between rails and blocks. If precision / rigidity is required, select Light Preload Type.



Price [Configure Online](#)

H	L	Unit Price							
		Stainless Steel				Carbon Steel			
		High Grade	Standard Grade	High Grade	Standard Grade	High Grade	Standard Grade	High Grade	Standard Grade
8	40	SSEBS	SSE2BS	SSEBSZ	SSE2BSZ	SEBS	SE2BS	SEBSZ	SE2BSZ
	55								
	70								
	85								
	100								
	115								
	130								
	155								
	175								
	195								
10	215								
	235								
	255								
	275								
	300								
	320								
	345								
	370								
	395								
	420								
13	445								
	470								
	500								
	525								
	550								
	575								
	600								
	625								
	650								
	675								
16	700								
	725								
	750								
	775								
	800								
	825								
	850								
	875								
	900								
	925								

■ L Dimension Configurable Type (1mm Increment)

H		Unit Price							
		Stainless Steel				Carbon Steel			
		High Grade	Standard Grade	High Grade	Standard Grade	High Grade	Standard Grade	High Grade	Standard Grade
8		SSEBSL	SSE2BSL	SSEBSLZ	SSE2BSLZ	SEBSL	SE2BSL	SEBSLZ	SE2BSLZ
10									
13									
16									



Ordering Example

Part Number - L

SSE2BS10 - 275

● SSE2BS10L - 175 (L Type Greased)

● SSE2BS10G - 175 (G Type Greased)

Alternative grease types available.

For Days to Ship, Price and Performance **P.475**



Days to Ship

[Configure Online](#)



Alterations

Part Number - L - (MC, RLC, LLC)

SSE2BSL16 - 450 - MC

[Configure Online](#)

Alterations	Code	Spec.	Price Adder
Tapped Hole	MC	Changes the rail mounting holes from counterbored holes to tapped holes. H MC 8 M3 10 M4 13 M5 16 M5	
Rail End Cut	Left End Cut LLC Right End Cut RLC	Cuts rail ends. Ordering Code LLC H L Cut N 10 2.5 5 13 5 5 16 10 5 ⚠ Applicable to Selectable Type only. ⚠ Overall length will be shorter by cutting. ⚠ Not applicable to H8. ⚠ Not applicable to L35 of H10 and L45 of H13.	



Options for Linear Guide

Linear Guide Clamps	Block / Rail Fixing Parts
	■ Rail Push Plates
	■ Linear Locks
Block Derailment Prevention Parts ■ Stopper Bolts 	■ Linear Guide Lock Units