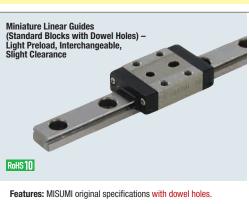
Miniature Linear Guides (Standard Blocks with Dowel Holes)

Light Preload / Slight Clearance

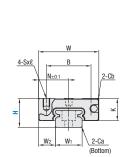
Similar Products Comparison Points

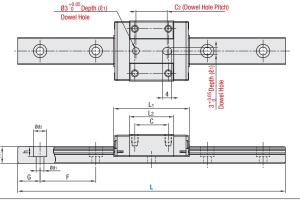
MISUMI original specifications with dowel holes. Requires less time for assembly and has better repeatability.



Heat Resistant Temperature: -20-80°C

① For L Configurable. G dimensions differ from those shown in the table below. For details. **P.608**.





Precautions for Use

- O Blocks are equipped with retainers (wire) to prevent balls from falling out. For proper block handling, refer to P.602.
- 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. When using, be sure to match the datum lines.Rails cannot be connected end to end.
- The accuracy of Linear Guides is guaranteed after mounting the rail (fastening screws on the rail and pushing it onto the datum plane). Minor bending of the rail will be adjusted after being mounted and will not affect the performance.

Accessories

- H8 comes with cap screws. (M2x6).

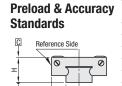
Others

- Filled with Lithium soap based grease (Multemp Grease PS2 by Kyodo Yushi Co., Ltd.).
- For operating life calculations, please refer to P.604, or by using our free software at, http://www.misumiusa.com/lq-bs_software/

Part Number					Block Dimensions						Dowel Hole Dimensions			Guide Rail Dimensions								
Type MX		МХ	н	L	W	L,	В	C	Sxl	L ₂	K	Cb	N	C ₂	(l ₁)	W ₁	W ₂	H ₁	Ca	Counterbored Holes d ₁ x d ₂ x h	F	G
SSEBN SSE2BN SSEBNL SSE2BNL	SSEBNZ SSE2BNZ SSEBNLZ SSE2BNLZ	_	8	40–130 (70)	17	23.6	12	8	M2 x 2.5	13.6	6.5	0.3	8.5	8	2	7	5	4.7	0.3	2.4 x 4.2 x 2.3	15	5
		Z Blank: None LZ -MX: Provided 16	10	35–275 (95)	20	30	15	10	M3 x 3	19	7.8	0.3	10	10	2.5	9	5.5	5.5	0.3	3.5 x 6 x 3.5	20	7.5
			13	45–470 (120)	27	33.9	20	15	M3 x 3.5	19.9	10	0.5	13.5	14	3	12	7.5	7.5	0.5	3.5 x 6 x 4.5	25	10
			16	70–670 (150)	32	42.4	25	20	M3 x 4	27.4	12	0.5	16	20	4	15	8.5	9.5	0.5	3.5 x 6 x 4.5	40	15
			20	100-700 (160)	40	50	30	25	M4 x 6	34.6	15	0.5	20	25	4	20	10	11	0.5	6 x 9.5 x 5.5	60	20

O L Dimension: Dimensions in () are for the minimum rail length of the 2-Block Type

						5		
	Basic Loa	ad Rating	Allow	able Static M	Mass			
Н	C (Dynamic) kN	Co (Static) kN	M _A	M _B N∙m	M _c N∙m	Blocks kg	Guide Rails kg/m	
8	0.9	1.5	4.1	4.1	5.2	0.01	0.19	
10	1.5	2.5	5.1	5.1	10.2	0.02	0.31	
13	2.2	3.3	8.8	9.5	16.1	0.04	0.61	
16	3.6	5.4	21.6	23.4	39.6	0.06	1.02	
20	5.2	8.5	48.4	48 4	86.4	0.12	1 65	

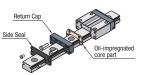


Specifications	Light Preload High Grade	Sligth Clearance Standard Grade				
Radial Clearance	-3–0	0–15				
Height H Tolerance	±20	±20				
Height H Pair Variation	15	40				
Width W ₂ Tolerance	±25	±25				
Width W ₂ Pair Variation	20	40				
Running Parallelism of surf. C against surf. A	Refer to P.602					
Running Parallelism of surf. D against surf. B						

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







Miniature Linear Guides (Standard Blocks with Dowel Holes)

10 M4 13 M4 16 M5 20 M6

Light Preload / Slight Clearance, continued



Part Number - L

SSEBN10 - 275

◆ SSE2BNL10L - 100 L Type Greased

Alternative grease types available.

Blocks and rails are not sold as separate items. This Type has guaranteed radial clearances and accuracies as sets of blocks and rails.



Rail Ends Cut

Rail is cut with the product ID

3-Block Specifications

4-Block Specifications

Part Number - SSEBN16 - 4

Left End

LLC

Right End

L - (MC / RLC / LLC)
- 430 - MC

apped holes.

Rail ends cut.

Ordering Code: LLC

Applicable to Selectable Type only.
Cutting wll shorten overall length.
Not applicable to H8, 20.

Not applicable to L35 of H10 and L45 of H13.

Adds 2-blocks to the 1-block product.

There are restrictions for the L dimension length.

There are restrictions for the L dimension length. See "Selectable Shortest Rail Length" for details. Selection Example: SSEBNL16-600-B4

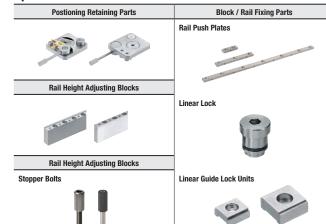
Selection Example: SSEBNL10-200-B3

Adds 3-blocks to the 1-block product.

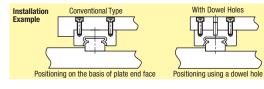
See "Selectable Shortest Rail Length" for details.

Changes rail mounting holes from counterbored holes to

Options for Linear Guide







Selectable Shortest Rail Length for B3/B4

н	B3 (3-block)	B4 (4-block)
8	85	115
10	115	155
13	145	170
16	190	230
20	220	280