

# Rails for Switches and Sensors

## Configurable L-Dimension and Hole Positions

**Rails for Switches and Sensors – Configurable L-Dimension and Hole Positions**

Part Number		Material	Surface Treatment
Through Hole	Notched Hole		
SENA_H	SENAZ_H	6063-T5 Aluminum Alloy	Clear Anodize
SENA_B_H	SENAZB_H		Black Anodize

**Through Hole**  
SENA\_H  
SENA\_B\_H

**Notched Hole**  
SENAZ\_H  
SENAZB\_H

ⓘ No anodizing on the ends and inner surface.  
ⓘ Burrs will remain inside of the mounting hole for Through Hole / Notched Hole Type.

### With Through Hole

ⓘ No. indicates the applicable nut size.

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Type	Part Number		L 1 mm Increment	VWXYZ 1 mm Increment	N 0.5 mm Increment	A	B	C	D	E	d
	No.	H (No. of Holes)									
SENA SENA_B	3	2H	50-1200	5-1195	3.5	3.4	5.7	3.0	9	6.0	1.5
	4	3H			3.5-4.5	4.5	7.2	4.0	11	8.0	2.0
	5	4H			3.5-5.5	5.5	8.2	5.5	12	9.5	

ⓘ Please specify the mounting hole pitch as N+1.5 or more.

### With Notched Hole

ⓘ No. indicates the applicable nut size. ⓘ For No. 3, the inside of groove is slightly milled.

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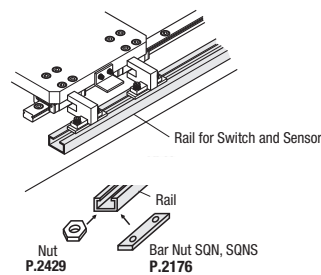
Type	Part Number		L 1 mm Increment	VWXYZ 1 mm Increment	N	N1	A	B	C	D	E	d
	No.	H (No. of Holes)										
SENAZ SENAZB	3	2H	50-1200	10-1190	3.5	6.5	3.4	5.7	3.0	9	6.0	1.5
	4	3H					4.5	7.2	4.0	11	8.0	2.0
	5	4H					5.5	8.2	5.5	12	9.5	

ⓘ Please specify the mounting hole pitch by 8 mm or more.

**Part Number Example**

Type	No.	H (No. of Holes)	L	V	W	X	Y	Z	N
SENA	3	3H	100	V10	W70	X82			N3.5
SENA	3	4H	658	V10	W300	X350	Y648		N3.5
SENA	3	5H	1100	V10	W300	X540	Y648	Z1090	N3.5
SENAZ	4	2H	200	V10	W70				

### Application Example



# Rails for Switches and Sensors

## Configurable L-Dimension and Hole Positions, Shape A

**Rails for Switches and Sensors – Configurable L-Dimension and Hole Positions, Shape A**

Part Number		Material	Surface Treatment
Countersunk Type	Counterbored Type		
SENAM_H	SENAZ_H	6063-T5 Aluminum Alloy	Clear Anodize
SENA_B_H	SENAZB_H		Black Anodize

**Countersunk**  
SENAM\_H  
SENA\_B\_H

**Counterbored**  
SENAZ\_H

ⓘ No Anodizing on the tip and inner surface.  
ⓘ Burrs will remain inside of the mounting hole for Counterbored Type.  
ⓘ When d<sub>1</sub>>B of counterbored type, the inside of groove is slightly milled.

N	Screws	d <sub>1</sub>	H <sub>1</sub>
3.5	M3	6	3
4.0			
4.5	M4	8	3.5
5.0			
5.5			

\*Recommended screw is Low Head Screw CBS (P.2393).

### With Countersunk Holes

ⓘ No. indicates the applicable nut size. ⓘ For No. 3, the inside of groove is slightly milled. Bar Nuts P.2176.

Type	Part Number		L 1 mm Increment	VWXYZ 1 mm Increment	N	N1	A	B	C	D	E	d
	No.	H (No. of Holes)										
SENAM SENA_B	3	2H	50-1200	10-1190	3.5	6.0	3.4	5.7	3.0	9	6.0	1.5
	4	3H					4.5	7.2	4.0	11	8.0	2.0
	5	4H					5.5	8.2	5.5	12	9.5	

ⓘ Please specify the mounting hole pitch by 8 mm or more.

### With Counterbored Holes

ⓘ No. indicates the applicable nut size. ⓘ For No. 3, the inside of groove is slightly milled. Bar Nuts P.2176.

Type	Part Number		L 1 mm Increment	VWXYZ 1 mm Increment	N 0.5 mm Increment	A	B	C	D	E	d	e
	No.	H (No. of Holes)										
SENAZ	3	2H	50-1200	10-1190	3.5	3.4	5.8	3.0	9	9.5	1.5	5
	4	3H			3.5-4.5	4.5	7.3	4.0	11	11.0	2.0	
	5	4H			3.5-5.5	5.5	8.3	5.5	12	12.5		

ⓘ Please specify the mounting hole pitch as N+1.5 or more.

**Part Number Example**

Type	No.	H (No. of Holes)	L	V	W	X	Y	Z	N
SENAM	5	3H	1000	V10	W30	X500			
SENA_B	3	2H	500	V10	W70				
SENAZ	4	2H	200	V10	W70				N3.5

### Application Example

