

Rails for Switches and Sensors

Configurable L-Dimension and Hole Positions

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

RoHS 10

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.

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
	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.

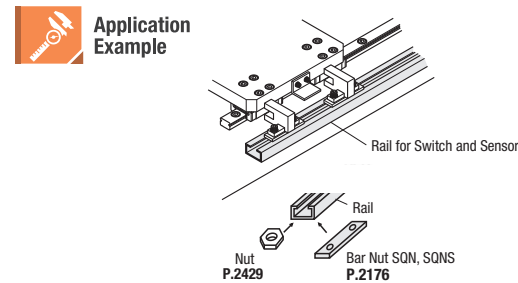
Bar Nuts P.2176

Type	Part Number		L 1 mm Increment	VWXYZ 1 mm Increment	N	N1	A	B	C	D	E	d
	No.	H (No. of Holes)										
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				



Rails for Switches and Sensors

Configurable L-Dimension and Hole Positions, Shape A

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

RoHS 10

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 d₁>B of counterbored type, the inside of groove is slightly milled.

Counterbore Shapes

N	Screws	d ₁	H ₁
3.5	M3	6	3
4.0			
4.5	M4	8	3.5
5.0			
5.5			
	M5	9	4

*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

