

Rails for Switches and Sensors

L Configurable, Hole Position Configurable, Through Hole / Notched Hole (Shape A)

Rails for Switches and Sensors

L Configurable, Hole Position Configurable, Countersunk Hole/Counterbored Hole (Shape A)

Bar Nuts P2083

L Configurable, L and Hole Position Configurable Shape A

Part Number		M Material	S Surface Treatment
Through Hole Type / Notched Hole Type	SENA□□H / SENAZ□□H	EN AW-6063-T5 Equiv.	Clear Anodize / Black Anodize

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

Through Hole Type
SENA□□H
SENA□□H

Notched Hole Type
SENAZ□□H
SENAZ□□H

RoHS 10

Through Hole Type ⚠ No. indicates the applicable nut size. Bar Nuts P2083

Part Number		L 1mm Increment	V W X Y Z 1mm Increment	N 0.5mm Increment	A	B	C	D	E	d
SENA SEBAB	3	50~1200	5~1195	3.5	3.4	5.7	3.0	9	6.0	1.5
	4			3.5~4.5	4.5	7.2	4.0	11	8.0	2.0
	5			3.5~5.5	5.5	8.2	5.5	12	9.5	

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

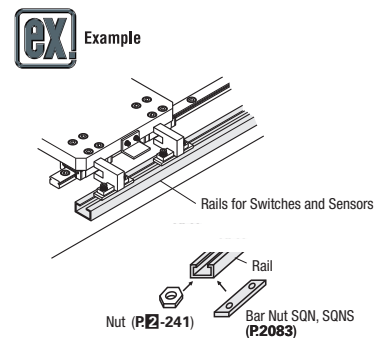
Notched Hole Type ⚠ No. indicates the applicable nut size. ⚠ For No. 3, the inside of groove is slightly milled. Bar Nuts P2083

Part Number		L 1mm Increment	V W X Y Z 1mm Increment	N	N ₁	A	B	C	D	E	d
SENAZ SENAZB	3	50~1200	10~1190	3.5	6.5	3.4	5.7	3.0	9	6.0	1.5
	4			4.5	7.2	4.0	11	8.0	2.0		
	5			5.5	8.2	5.5	12	9.5			

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

Ordering Example

Type	No.	H (Number 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		N4.5
SENA	3	5H	1100	V10	W300	X540	Y648	Z1090	N5.0
SENAZ	4	2H	200	V10	W70				



Through Hole Type

No.	Body Price (Clear Anodize)								Body Price (Black Anodize)							
	SENA								SEBAB							
	L50-100	L101-200	L201-400	L401-600	L601-800	L801-1000	L1001-1200	L50-100	L101-200	L201-400	L401-600	L601-800	L801-1000	L1001-1200		
3																
4																
5																

Notched Hole Type

No.	Body Price (Clear Anodize)								Body Price (Black Anodize)							
	SENAZ								SENAZB							
	L50-100	L101-200	L201-400	L401-600	L601-800	L801-1000	L1001-1200	L50-100	L101-200	L201-400	L401-600	L601-800	L801-1000	L1001-1200		
3																
4																
5																

Hole Machining Charge

H (Number of Holes)	SENA Through Hole	SENAZ Notched Hole
2H		
3H		
4H		
5H		

⚠ Unit Price = Body Price in the Table + Hole Machining Charge

(Ex.) Part Number - L - V - W - N >>
SENA32H - 200 - V10 - W70 - N3.5
(Unit Price in the Table) + (Hole Machining Charge) = Unit Price for Through Hole Type

(Ex.) Part Number - L - V - W >>
SENAZ42H - 200 - V10 - W70
(Unit Price in the Table) + (Hole Machining Charge) = Unit Price for Notched Hole Type

Bar Nuts P2083

L Configurable, L and Hole Position Configurable Shape A

Part Number		M Material	S Surface Treatment
Countersunk Hole / Counterbored Hole	SENAM□□H / SENAT□□H	EN AW-6063-T5 Equiv.	Clear Anodize / Black Anodize

⚠ No anodizing on the tip and inner surface.
⚠ Burrs will remain inside of the mounting hole for Counterbored Hole Type.
⚠ When d₁>B of Counterbored Hole Type, the inside of groove is slightly milled.

Countersunk Hole
SENAM□□H
SENA□□H

Counterbored Hole
SENA□□H

Counterbore Shapes

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

*Recommended screw is Low Head Screw CBS (P2-194)

Countersunk Hole ⚠ No. indicates the applicable nut size. ⚠ For No. 3, the inside of groove is slightly milled. Bar Nuts P2083

Part Number		L 1mm Increment	V W X Y Z 1mm Increment	N	N ₁	A	B	C	D	E	d
SENAM SENA□	3	50~1200	10~1190	3.5	6.0	3.4	5.7	3.0	9	6.0	1.5
	4			4.5	7.2	4.0	11	8.0	2.0		
	5			5.5	8.2	5.5	12	9.5			

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

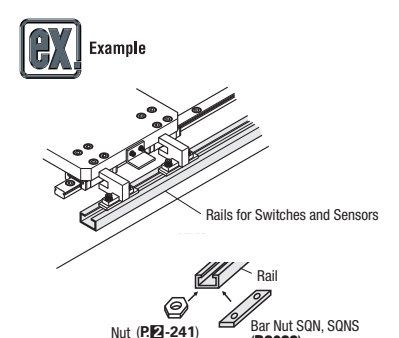
Counterbored Hole ⚠ No. indicates the applicable nut size. ⚠ For No. 3, the inside is slightly milled. Bar Nuts P2083

Part Number		L 1mm Increment	V W X Y Z 1mm Increment	N 0.5mm Increment	A	B	C	D	E	d	e
SENA□	3	50~1200	10~1190	3.5	3.4	5.8	3.0	9	9.5	1.5	5
	4			3.5~4.5	4.5	7.3	4.0	11	11.0	2.0	
	5			3.5~5.5	5.5	8.3	5.5	12	12.5		

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

Ordering Example

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



Countersunk Hole

No.	Body Price (Clear Anodize)								Body Price (Black Anodize)							
	SENAM								SENA□							
	L50-100	L101-200	L201-400	L401-600	L601-800	L801-1000	L1001-1200	L50-100	L101-200	L201-400	L401-600	L601-800	L801-1000	L1001-1200		
3																
4																
5																

Counterbored Hole

No.	Body Price (Clear Anodize)							
	SENA□							
	L50-100	L101-200	L201-400	L401-600	L601-800	L801-1000	L1001-1200	
3								
4								
5								

Hole Machining Charge

H (Number of Holes)	SENAM Countersunk Hole	SENA□ Counterbored Hole
2H		
3H		
4H		
5H		

⚠ Unit Price = Body Price in the Table + Hole Machining Charge

(Ex.) Part Number - L - V - W >>
SENAM32H - 200 - V10 - W70
(Unit Price in the Table) + (Hole Machining Charge) = Unit Price for Countersunk Hole Type

(Ex.) Part Number - L - V - W - N >>
SENA□42H - 200 - V10 - W70 - N3.5
(Unit Price in the Table) + (Hole Machining Charge) = Unit Price for Counterbored Hole Type