

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)

L Configurable, L and Hole Position Configurable Shape A

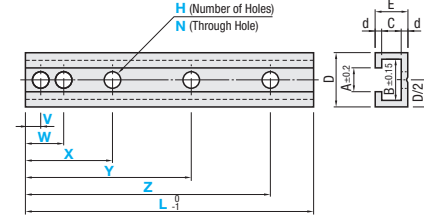
Bar Nuts P2083

Part Number		M Material	S Surface Treatment
Through Hole Type / Notched Hole Type	SENA□□H / SENAZ□□H / SENAB□□H / SENAZB□□H	A6063S-T5	Clear Anodize / Black Anodize

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

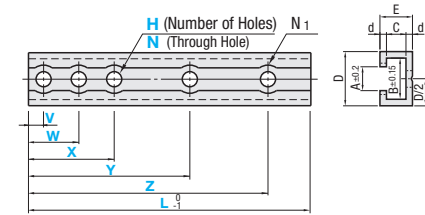
Through Hole Type

SENA□□H
SENAZ□□H
SENA□□H



Notched Hole Type

SENAZ□□H
SENAZB□□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 SENAZ SENAZB	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.

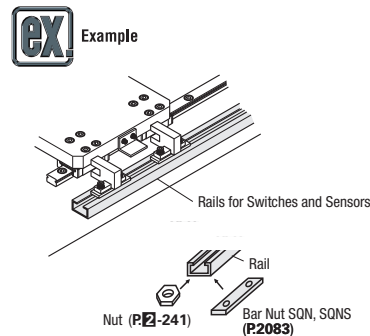
No. 3, the inside of groove is slightly milled.

Bar Nuts P2083

Part Number		L 1mm Increment	V W X Y Z 1mm Increment	N	N1	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.

Part Number		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							SENAZ						
	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

L Configurable, L and Hole Position Configurable Shape A

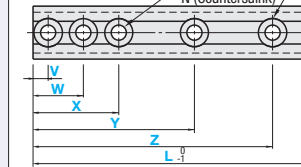
Bar Nuts P2083

Part Number		M Material	S Surface Treatment
Countersunk Hole / Counterbored Hole	SENAM□□H / SENAT□□H / SENAMB□□H	A6063S-T5	Clear Anodize / Black Anodize

No anodizing on the tip and inner surface.
Burr 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.

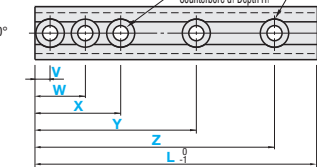
Countersunk Hole

SENAM□□H
SENA□□H



Counterbored Hole

SENA□□H



Counterbore Shapes

N	Screw	d1	H1
3.5	M3	6	3
4.0	M3	6	3
4.5	M4	8	3.5
5.0	M4	8	3.5
5.5	M5	9	4

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

Countersunk Hole

No. indicates the applicable nut size.

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	N1	A	B	C	D	E	d
SENAM SENA□ SENAZ	3	50~1200	10~1190	3.5	6.0	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 by 8mm or more.

Counterbored Hole

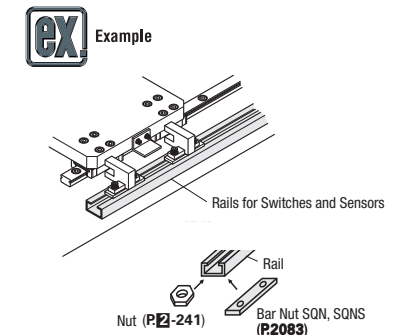
No. indicates the applicable nut size.

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□ SENAZ	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.

Part Number		L	V	W	X	Y	Z	N
SENAM	5 3H - 1000 - V10 - W30 - X500							
SENA□	3 2H - 500 - V10 - W70							
SENAZ	4 2H - 200 - V10 - W70							



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