

# Non-Flanged Flat Aluminum Extrusions / Extrusion End Caps

## Common to Bar Nuts and Pre-Assembly Insertion Nuts

**Slot Shape**

**Cross Section Shape**

**HFSQN4-1020** **HFSQN4-1030** **HFSQN4-1050**

**HFSQN4-1070**

**Material:** A6N01SS-T5  
**Surface Treatment:** Anodize

Part Number	Extrusion	L 1mm Increment	Mass kg/m	Sectional Area mm <sup>2</sup>	Cross Sectional Moment of Inertia mm <sup>4</sup>	Applicable Nut	Applicable Extrusion End Cap	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
HFSQN4	1020	50-3000	0.31	176	0.13x10 <sup>4</sup>	SQN4	HNTT 5-5	4-1020	
	1030		0.46	171	0.18x10 <sup>4</sup>	SQN4	HNTT 5-5	4-1030	
	1050		0.82	304	0.31x10 <sup>4</sup>	SQN4	HNTT 5-5	4-1050	
	1070		1.18	347	0.43x10 <sup>4</sup>	SQN4	HNTT 5-5	4-1070	

**Slot Shape**

**Cross Section Shape**

**HFSQN4-1520** **HFSQN4-1540** **HFSQN4-1570** **HFSQN4-15100**

**HFSQN4-15250**

**Material:** A6N01SS-T5  
**Surface Treatment:** Anodize

Part Number	Extrusion	L 1mm Increment	Mass kg/m	Sectional Area mm <sup>2</sup>	Cross Sectional Moment of Inertia mm <sup>4</sup>	Applicable Nut	Applicable Extrusion End Cap	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
HFSQN4	1520	50-3000	0.50	186	0.45x10 <sup>4</sup>	SQN4	HNTT 5-5	4-1520	
	1540		0.94	347	0.83x10 <sup>4</sup>	SQN4	HNTT 5-5	4-1540	
	1570		1.66	613	1.37x10 <sup>4</sup>	SQN4	HNTT 5-5	4-1570	
	15100		2.37	876	1.92x10 <sup>4</sup>	SQN4	HNTT 5-5	4-1570	
	15250		5.62	2080	2.21x10 <sup>4</sup>	SQN4	HNTT 5-5	4-1570	

**Slot Shape**

**Cross Section Shape**

**HFSQN4-2050** **HFSQN4-2090**

**Material:** A6N01SS-T5  
**Surface Treatment:** Anodize

Part Number	Extrusion	L 1mm Increment	Mass kg/m	Sectional Area mm <sup>2</sup>	Cross Sectional Moment of Inertia mm <sup>4</sup>	Applicable Nut	Applicable Extrusion End Cap	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
HFSQN4	2050	50-3000	1.84	681	2.78x10 <sup>4</sup>	SQN4	HNTT 5-5	4-2050	
	2090		3.34	1234	4.78x10 <sup>4</sup>	SQN4	HNTT 5-5	4-2090	

**Ordering Example** Part Number - L  
HFSQN4-1050 - 1000

**Example**

When L<300mm  
Unit prices are indicated in the table regardless of the length.  
When L≥300mm  
Prices are calculated as follows:  
Unit Price/m x Specified O.A.L. = Sales Price

**Extrusion End Caps**

**HFCQN4-1020** **HFCQN4-1030** **HFCQN4-1050** **HFCFIN5-1020**

**HFCQN4-1520** **HFCQN4-1540** **HFCQN4-1570** **HFCFIN6-1530**

**Material:** Polyamide (Black)  
**Surface Treatment:** Anodize

Extrusion end caps are not available for HFSPURE. The pin's shape and numbers of extrusion end caps may be changed to prevent caps from easily falling off.

Part Number	Extrusion	Color	Unit Price 1-8 pc(s)	Volume Discount Rate 9-200	Applicable Extrusion
HFCQN4	1020	B (Black)			HFSQN4-1020
	1030		HFSQN4-1030		
	1050		HFSQN4-1050		
	1520		HFSQN4-1520		
	1540		HFSQN4-1540		
	1570		HFSQN4-1570		
HFCFIN5	1020			HFSFIN5-1020	
	1530			HFSFIN6-1530	

**Ordering Example** Part Number - Color  
HFCQN4-1020 - B

**Example**

For orders larger than indicated quantity, please check with WDS.

**Slot Shape**

**Cross Section Shape**

**HFSPURE5-8516** **HFSFIN5-1020**

**Material:** A6N01SS-T5  
**Surface Treatment:** Anodize

Part Number	Extrusion	L 1mm Increment	Mass kg/m	Sectional Area mm <sup>2</sup>	Cross Sectional Moment of Inertia mm <sup>4</sup>	Applicable Nut	Applicable Extrusion End Cap	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
HFSPURE	8516	50-3000	0.23	83	0.05x10 <sup>4</sup>	SQN5	HNTT 5-5	4-1020	
	1020		0.36	131	0.12x10 <sup>4</sup>	SQN5	HNTT 5-5	4-1020	

**Slot Shape**

**Cross Section Shape**

**HFSPURE6-1220** **HFSFIN6-1530**

**Material:** A6N01SS-T5  
**Surface Treatment:** Anodize

Part Number	Extrusion	L 1mm Increment	Mass kg/m	Sectional Area mm <sup>2</sup>	Cross Sectional Moment of Inertia mm <sup>4</sup>	Applicable Nut	Applicable Extrusion End Cap	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
HFSPURE	1220	50-3000	0.33	121	0.17x10 <sup>4</sup>	SQN5	HNTT 6-6	4-1520	
	1530		0.82	302	0.62x10 <sup>4</sup>	SQN5	HNTT 6-6	4-1570	

**Slot Shape**

**Cross Section Shape**

**HFSPURE8-1830**

**Material:** A6N01SS-T5  
**Surface Treatment:** Anodize

Part Number	Extrusion	L 1mm Increment	Mass kg/m	Sectional Area mm <sup>2</sup>	Cross Sectional Moment of Inertia mm <sup>4</sup>	Applicable Nut	Applicable Extrusion End Cap	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)
HFSPURE8	1830	50-3000	0.98	361	1.12x10 <sup>4</sup>	SQN5	HNTT 8-8	4-1570	

**Ordering Example** Part Number - L  
HFSFIN5-1020 - 1200

**Example**

When L<300mm  
Unit prices are indicated in the table regardless of the length.  
When L≥300mm  
Prices are calculated as follows:  
Unit Price/m x Specified O.A.L. = Sales Price

**Alterations** Specified hole machining is available. (Not applicable to HFSON.)

The hole intervals are specified in XA, XB, XC, XD, XE order from the left end.  
HFSFIN6 - 1530 - 150 - Z5 - XA20 - XB45 - XC80 - XD120

Alterations	Counterboring					Unit Price
	Z Selection	XA	XB	XC	XD XE	
Code						One Counterbore Hole
Spec.	Z	d	d1	Distance from the Left End mm		
Specifications of Hole Size and Position	3	3.5	6.5	7-(L-7)		
	4	4.5	8			
	5	5.5	9.5			
	6	6.5	11			
8	9	14				

**Table 1 Counterbore Hole**

Z	d	d1
3	3.5	6.5
4	4.5	8
5	5.5	9.5
6	6.5	11
8	9	14

The counterbore depth h is from the extrusion surface.