

Flanged Flat Extrusions

Bar Nuts / Pre-Assembly Insertion Nuts Common

Flanged Aluminum Extrusions

RoHS 10

Slot Shape

(HN1T5) To be inserted (SQN5) To be inserted (M5 Nut)

Part Enlarged 90° 0.3

HFSFIN5-1044

HFSFIN5-1074

HFSFIN5-10104

Material: A6N01SS-T5 Aluminum Alloy
Surface Treatment: Anodize

Part Number Type	Extrusions	L 1 mm Increment	Mass kg/m	Sectional Area mm²	Cross Sectional Moment of Inertia mm⁴		Applicable Extrusion End Caps
					Ex	Ey	
HFSFIN5	1044	50-3000	0.55	203	0.16 x 10⁴	2.43 x 10⁴	HFCFIN5-1020
	1074		0.99	364	0.30 x 10⁴	13.68 x 10⁴	
	10104		1.42	526	0.44 x 10⁴	40.88 x 10⁴	

Flanged Aluminum Extrusions

RoHS 10

Slot Shape

HNTT6 To be inserted

Part Enlarged 90° 0.3

HFSFIN6-1554

HFSFIN6-1584

HFSFIN6-15114

Material: A6N01SS-T5 Aluminum Alloy
Surface Treatment: Anodize

Part Number Type	Extrusions	L 1 mm Increment	Mass kg/m	Sectional Area mm²	Cross Sectional Moment of Inertia mm⁴		Applicable Extrusion End Caps
					Ex	Ey	
HFSFIN6	1554	50-3000	1.01	374	0.78 x 10⁴	6.10 x 10⁴	HFCFIN6-1530
	1584		1.83	676	1.43 x 10⁴	28.69 x 10⁴	
	15114		2.64	979	2.07 x 10⁴	81.74 x 10⁴	

ⓘ Non-flanged HFSPURE6-1220, HFSFIN6-1530, HFSPURE8-1830 are listed on the previous page.

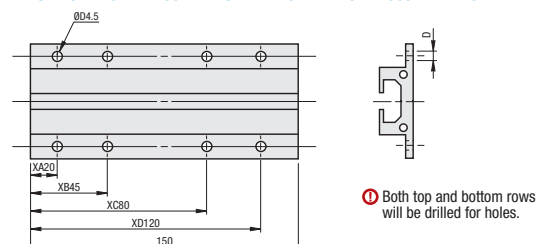
Part Number Example: - **HFSFIN5-1044 - 1200**

Specified hole machining is available.

Alterations	Through Hole					
	D Selection	XA	XB	XC	XD	XE
Spec.	ØD	Distance from the Left End mm				
Specifications of Hole Size & Hole Position	3.5	7- (L-7)				
	4.5					
	5.5					
	6.5					

Application Example

The hole intervals are specified in XA, XB, XC, XD, XE order from the left end.
HFSFIN5 - 1044 - 150 - D4.5 - XA20 - XB45 - XC80 - XD120



Flanged Flat Extrusions / Extrusion End Caps

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Slot Shape

(HN1T5) To be inserted (SQN5) To be inserted (M5 Nut)

Part Enlarged 90° 0.3

HFSFIL5-3020

Material: 6063 Aluminum AlloyS-T5
Surface Treatment: Clear Anodize

Part Number Type	Extrusions	L 1 mm Increment	Mass kg/m	Sectional Area mm²	Cross Sectional Moment of Inertia mm⁴		Applicable Extrusion End Cap
					Ex	Ey	
HFSFIL5	3020	5-3000	0.45	166	0.89 x 10⁴	0.77 x 10⁴	HFCFIN5-1020

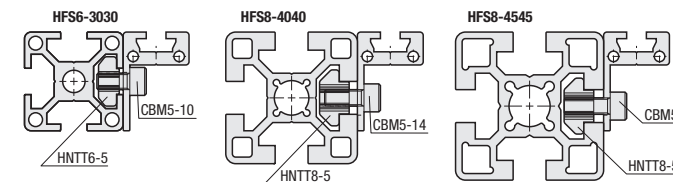
Part Number Example: - **HFSFIL5-3020 - 1200**

Application Example

Specified hole machining is available.

Alterations	Through Hole Position					
	V V-Groove Selection	XA	XB	XC	XD	XE
Spec.	Applicable V Groove	Distance from the Left End mm				
Hole Position * Hole diameter will be Ø5.5 only.	V6	7- (L-7)				
	V8					
	V845					

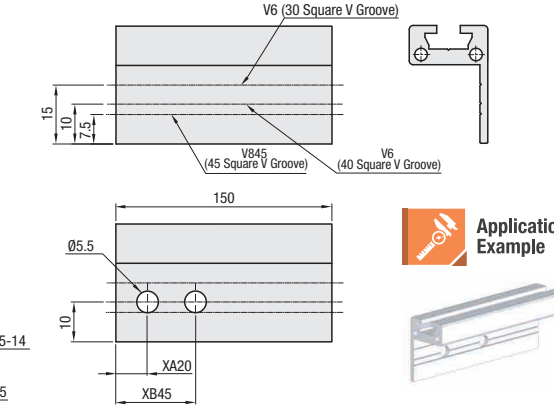
The V selection determines the hole centerline distances (7.5, 10, or 15) to make both extrusions even flat for each extrusion size.



Application Example

The hole intervals are specified in XA / XB / XC / XD / XE order from the left end.

HFSFIL5 - 3020 - 150 - V8 - XA20 - XB45



Extrusion End Caps

RoHS 10

HFCFIN5-1020

HFCFIN6-1530

Material: Polyamide (Black)

ⓘ The shape and number of the pins may be changed to prevent caps from easily falling off.

Part Number Type	Extrusions	Color	Applicable Extrusion
HFCFIN6	1530		HFSFIN6-1530 HFSFIN6-1554 HFSFIN6-1584 HFSFIN6-15114

Part Number Example: - **HFCFIN5-1020 - B**

Application Example

