

Aluminum Extrusions (HFS6 Series)

3 Slots or More (30, 60 mm Square)

HFS6 Series		Fixing Parts			Others	
Brackets	Nuts	Joints	Extrusion End Caps	Alteration		
P.2735-2753	P.2756-2763	P.2844-2857	P.2764-2765	P.2862-2875		

Features: Extrusions shaped with (1 slot x 3 slots) and (2 slots x 4 slots). This shape is effective where forces apply.

Type		Material	Surface Treatment
Configurable Length	Fixed Length		
HFS6	KHFS6	A6N01SS-T5 Aluminum Alloy	Clear Anodize
EFS6	KEFS6		

RoHS 10 Ⓢ Cut surface and altered parts are not surface treated.

Red circle shows the position of tapping for alteration.

Slot Details (Common to All Series)
 Dimensions: 16.5, 8, 7, 2, T Slot Dimension, Part A, L±0.5

Slot Bottom Details
 (HFS Series): 120°, 0.3, Enlarged View of A
 (EFS Series): 135°, 120°, 1.2, 1.2, 7.39°, 0.3, Enlarged View of A

Features of Extrusions

Extrusion Type	Material	
HFS Series	A6N01SS-T5 Aluminum Alloy	Standard cross section shape.

HFS6-3090

HFS6-30120

EFS6-30300

Configurable Length Extrusions

Part Number	L 0.5 mm Inc.	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴		
				ℓx	ℓy	
HFS6	3090	50-4000	2.44	902	8.44 x 10 ⁴	66.28 x 10 ⁴
HFS6	30120		3.21	1188	11.19 x 10 ⁴	152.2 x 10 ⁴
EFS6	30300		7.15	2962	27.3 X 10 ⁴	212.6 X 10 ⁴

Fixed Length Extrusion (Effective Length 4,000 mm)

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			ℓx	ℓy
KHFS6	3090	1,188	8.44x10 ⁴	66.28x10 ⁴
KHFS6	30120		11.19x10 ⁴	152.2x10 ⁴

Ⓢ Part numbers beginning with the character "K" indicate Fixed Length Extrusion.

Part Number Example

Part Number - L
 HFS6-3090 - 800
 KHFS6-30120 - 4000

Part Number Alterations

Alterations are available for Configurable Length Extrusions. For details, refer to P.2862-2875

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Configurable Length	Fixed Length		
HFS6	KHFS6	A6N01SS-T5 Aluminum Alloy	Clear Anodize

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Red circle shows the position of tapping for alteration.

Slot (Common to All Series)
 Dimensions: 16.5, 8, 7, 2, T Slot Dimension, Part A, L±0.5

Slot Bottom Details (HFS Series)
 120°, 0.3, Enlarged View of A

Features of Extrusions

Extrusion Type	Material	
HFS Series	A6N01SS-T5 Aluminum Alloy	Standard cross section shape.

HFS6-6090

HFS6-60120

Configurable Length Extrusions

Part Number	L 0.5 mm Inc.	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
				ℓx	ℓy
HFS6	6090	3.10	1147	52.6 x 10 ⁴	111.0 x 10 ⁴
	60120			69.0 x 10 ⁴	246.7 x 10 ⁴

Fixed Length Extrusion (Effective Length 4,000 mm)

Part Number	L 0.5 mm Inc.	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			ℓx	ℓy
KHFS6	6090	1677	52.6 x 10 ⁴	111.0 x 10 ⁴
	60120		69.0 x 10 ⁴	246.7 x 10 ⁴

Ⓢ Part numbers beginning with the character "K" indicate Fixed Length Extrusion.

Part Number Example

Part Number - L
 HFS6-6090 - 800
 KHFS6-60120 - 4000

Part Number Alterations

Alterations are available for Configurable Length Extrusions. For details, refer to P.2862-2875