

Aluminum Extrusions (HFS6 Series)

2 Slots (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 x 2 slots). This shape is effective where loads apply.

RoHS10

Type		Material	Surface Treatment
Configurable Length	Fixed Length		
HFS_6	KHFS_6	A6N01SS-T5 Aluminum Alloy	Clear Anodize

ⓘ Cut surface and altered parts are not surface treated.

Features of Extrusions		
Cross Section Shape	HFS Extrusions	Standard cross section shape.
Surface Treatment	Clear Anodize	Common surface treatment.
	Black Anodize	Effective in where light reflection is not desirable.

Slot
(Common to HFS)

16.5
8
7.12
A

T Slot Dimensions

Details of Slot
(HFS Series)

120°
0.3
A

Enlarged View of A

Features of Extrusions

Cross Section Shape	HFS Extrusions	Standard cross section shape.
Surface Treatment	Clear Anodize	Common surface treatment.
	Black Anodize	Effective in where light reflection is not desirable.

HFSF6-3060

HFST6-3060

HFSH6-3060

Configurable Length Extrusions

Part Number	L 0.5 mm Inc.	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
				ℓ _x	ℓ _y
HFSF6	3060	1.67	616	5.81 x 10 ⁴	20.93 x 10 ⁴
HFST6					
HFSH6					

Fixed Length Extrusions (Effective Length 4,000 mm, 1,000 mm)

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			ℓ _x	ℓ _y
KHFSF6	4000	616	5.81 x 10 ⁴	20.93 x 10 ⁴
KHFST6				
KHFSH6				

ⓘ Part numbers beginning with the character "K" indicate Fixed Length Extrusion.
 ⓘ "Effective Length 4,000 mm" represents the extrusion with 4,000 mm or more effective length. (several cm)

Part Number Example
 Part Number: HFSH6-3060 - 800
 Alterations: KHFSH6-3060 - 4000

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

Aluminum Extrusions (HFS6 Series)

2 Slots (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 (2 slots x 2 slots). This shape is effective where loads apply.

RoHS10

Type		Material	Surface Treatment
Configurable Length	Fixed Length		
HFS6	KHFS6	A6N01SS-T5 Aluminum Alloy	Clear Anodize
HFS_6	KHFS_6		Black Anodize
HFSB6	KHFSB6		Clear Coating (Anodize + Clear Coating)
CAF6	-		Clear Coating (Anodize + Clear Coating)

ⓘ Cut surface and altered parts are not surface treated.

Features of Extrusions		
Extrusion Type	Material	Standard cross section shape.
HFS Series	A6N01SS-T5 Aluminum Alloy	Standard cross section shape.
CAF Series	A6N01SS-T5 Aluminum Alloy	Clear painted over anodized HFS Series extrusions. More luster and better appearance than ordinary anodizing.

Slot
(Common to HFS)

16.5
8
7.12
A

T Slot Dimensions

Slot Bottom Details
(HFS, CAF Series)

120°
0.3
A

Enlarged View of A

Features of Extrusions

Extrusion Type	Material	Standard cross section shape.
HFS Series	A6N01SS-T5 Aluminum Alloy	Standard cross section shape.
CAF Series	A6N01SS-T5 Aluminum Alloy	Clear painted over anodized HFS Series extrusions. More luster and better appearance than ordinary anodizing.

HFS6-6060
HFSB6-6060 Black Anodize
CAF6-6060 Clear Coating

HFSG6-6060 Heavy Type

HFSF6-6060

HFST6-6060

Configurable Length Extrusions

Part Number	L 0.5 mm Inc.	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
				ℓ _x	ℓ _y
HFS6	6060	2.63	971	41.4 x 10 ⁴	41.4 x 10 ⁴
HFSB6 Black Anodize					
CAF6 Clear Coating					
HFSG6 Heavy Type					
HFSF6					
HFST6					

Fixed Length Extrusion (Effective Length 4,000 mm)

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			ℓ _x	ℓ _y
KHFS6	4000 Effective Length	971	41.4 x 10 ⁴	41.4 x 10 ⁴
KHFSB6 Black Anodize				
KCAF6 Clear Coating				
KHFSG6 Heavy Type				
KHFSF6				
KHFST6				

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

Part Number Example
 Part Number: HFS6-6060 - 800
 Alterations: KHFS6-6060 - 4000

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