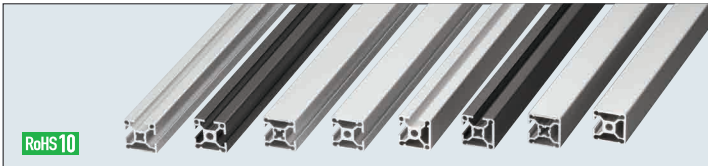


Aluminum Extrusions (HFS6 Series)

1 Slot (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		

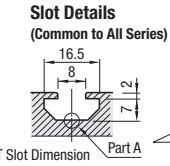
Features: 1 slotted Aluminum Extrusions 30mm Square with Flat Sides



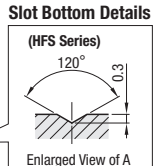
Type		Material	Surface Treatment
Configurable Length	Fixed Length		
HFS_6	KHFS_6	A6N01SS-T5 Aluminum Alloy	Clear Anodize
HFS_B6	KHFS_B6		Black Anodize

ⓘ Cut surface and altered parts are not surface treated.

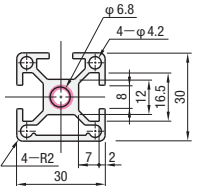
Slot Details (Common to All Series)



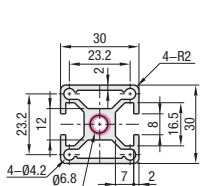
Slot Bottom Details (HFS Series)



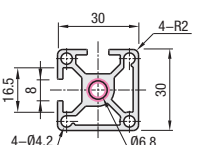
HFSF6-3030
HFSFB6-3030



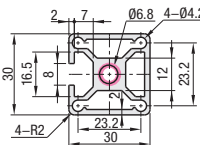
HFSH6-3030



HFST6-3030
HFSTB6-3030
Black Anodize



HFSC6-3030



Configurable Length Extrusions

Part Number	L 0.5 mm Increment	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
				ℓ _x	ℓ _y
HFSF6	3030	0.92	338	3.03 x 10 ⁴	2.76 x 10 ⁴
HFSFB6 Black Anodize					
HFST6		0.95	351	3.03 x 10 ⁴	3.03 x 10 ⁴
HFSTB6 Black Anodize					
HFSH6		0.93	345	2.69 x 10 ⁴	3.23 x 10 ⁴
HFSC6		0.97	361	2.99 x 10 ⁴	3.24 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	
			ℓ _x	ℓ _y
KHFSF6	3030 Effective Length	338	3.03 x 10 ⁴	2.76 x 10 ⁴
KHFSFB6 Black Anodize				
KHFST6		351	3.03 x 10 ⁴	3.03 x 10 ⁴
KHFSTB6 Black Anodize				
KHFSH6		345	2.69 x 10 ⁴	3.23 x 10 ⁴
KHFSC6		361	2.99 x 10 ⁴	3.24 x 10 ⁴

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

Part Number Example
Part Number: KHFSF6-3030 - L: 4000

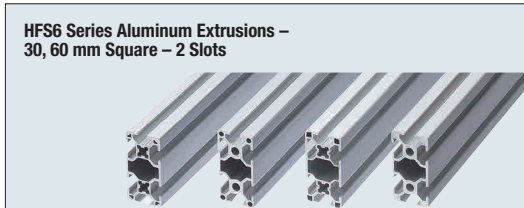
Part Number Alterations
Alterations are available for Configurable Length Extrusions. For details, refer to P.2862-2875

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		

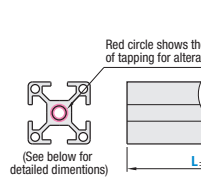
Features: Extrusions shaped with (1 x 2 slots). This shape is effective where loads apply.



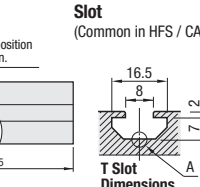
Type		Material	Surface Treatment
Configurable Length	Fixed Length		
GFS6	KGFS6	A6061SS-T6 Equivalent	Clear Anodize
HFS6 HFS_6	KHFS6 KHFS_6		A6N01SS-T5 Aluminum Alloy
HFSB6 HFS_B6	KHFSB6 KHFS_B6	A6N01SS-T5 Aluminum Alloy	
CAF6	—		—

ⓘ Cut surface and altered parts are not surface treated.

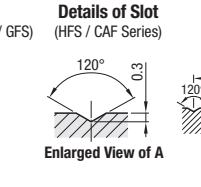
Slot (Common in HFS / CAF / GFS)



Details of Slot (HFS / CAF Series)



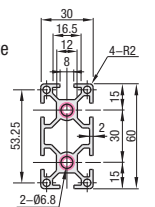
(GFS Series)



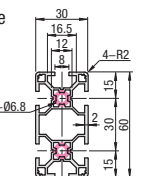
Features of Extrusions

Cross Section Shape	HFS Extrusions	Standard cross section shape.
Surface Treatment	HFSL Extrusions	Although having thin walls lowers the allowable load, excels in cost savings offered.
	GFS Extrusions	Suitable for heavier devices due to the thick walls.
	Clear Anodize	Common surface treatment.
Surface Treatment	Black Anodize	Effective in where light reflection is not desirable.
	Clear Coating	More luster and better appearance than anodizing.

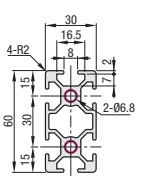
HFS6-3060
HFSB6-3060 Black Anodize
CAF6-3060 Clear Coating



HFSL6-3060 Light Type
HFSLB6-3060 Light Type / Black Anodize



GFS6-3060 High Rigidity



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 Clear Anodize	3060	1.6	592	5.33 x 10 ⁴	20.56 x 10 ⁴
HFSB6 Black Anodize					
CAF6 Clear Coating					
HFSL6 Clear Anodize	3060	1.29	476	4.87 x 10 ⁴	17.87 x 10 ⁴
HFSLB6 Black Anodize					
GFS6 Clear Anodize	3060	1.71	634	5.95 x 10 ⁴	23.78 x 10 ⁴

ⓘ Applicable to 6,000 mm depending on products.
ⓘ For some extrusions, MISUMI may be unable to accept the order.

Part Number Example
Part Number: HFS6-3060 - L: 800
KHFS6-3060 - 1000
KHFS6-3060 - 4000

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

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	
KHFS6 Clear Anodize	3060	1000	592	5.33 x 10 ⁴	20.56 x 10 ⁴
KHFS6 Clear Anodize	3060	4000	592	5.33 x 10 ⁴	20.56 x 10 ⁴
KHFSB6 Black Anodize					
KCAF6 Clear Coating					
KHFSY6 Baked-on Finish (Yellow)					
KHFSL6 Clear Anodize	3060	4000	476	4.87 x 10 ⁴	17.87 x 10 ⁴
KHFSLB6 Black Anodize					
KGFS6 Clear Anodize	3060	4000	634	5.95 x 10 ⁴	23.78 x 10 ⁴

ⓘ 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)