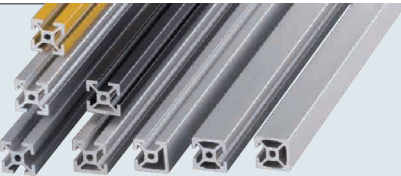


Aluminum Extrusions (HFS5 Series)

1 Slot (20, 25, 40 mm Square)

HFS5 Series		Fixing Parts			Others	
Configurable Length	Fixed Length	Brackets	Nuts	Joints	Extrusion End Caps	Alteration
		P.2692-2705	P.2709-2720	P.2844-2857	P.2721-2722	P.2862-2875

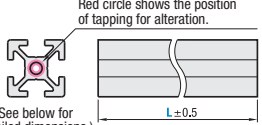
Features: Small and light aluminum extrusions suited for locations where small forces apply, such as for covers and safety fences.



Type		Material	Surface Treatment
Configurable Length	Fixed Length		
HFS_5	KHFS_5	A6N01SS-T5 or 6005A-T5 Aluminum Alloy	Clear Anodize
HFS_B5	KHFS_B5		Black Anodize
CAF5	—		Clear Coating (Anodize + Clear Coating)
HFSY5	—		Baked-on Finish (Yellow)

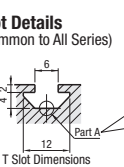
Ⓢ Cut surface and altered parts are not surface treated.

Red circle shows the position of tapping for alteration.

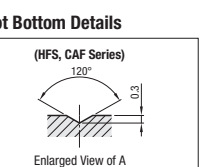


(See below for detailed dimensions.)

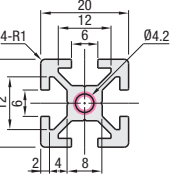
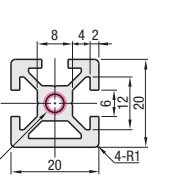
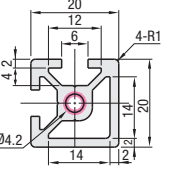
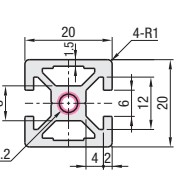
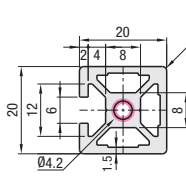
Slot Details (Common to All Series)



Slot Bottom Details (HFS, CAF Series)



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.
	Clear Coating	More luster and better appearance than anodizing
	Baked-on Finish / Yellow	Can be used on doors or hazardous areas as a warning color. The color is D22-80V (Munsell Value Reference 2.5YR6/14) by Japan Paint Manufacturers Associations.

<p>HFS5-2020 HFSB5-2020 Black Anodize CAF5-2020 Clear Coating HFSY5-2020 Baked-on Finish, Yellow</p> 	<p>HFSF5-2020 HFSFB5-2020 Black Anodize</p> 	<p>HFST5-2020 HFSTB5-2020 Black Anodize</p> 	<p>HFSH5-2020</p> 	<p>HFSC5-2020</p> 
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Configurable Length Extrusions

Part Number	L 0.5 mm Inc.	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
				ξx	ξy
HFS5	2020	0.5	183	0.742 x 10 ⁴	0.742 x 10 ⁴
HFSB5 Black Anodize					
CAF5 Clear Coating					
HFSY5 Baked-on Finish, Yellow					
HFSF5		0.53	195	0.834 x 10 ⁴	0.746 x 10 ⁴
HFSFB5 Black Anodize					
HFST5					
HFSTB5 Black Anodize					
HFSH5					
HFSC5	0.56	208	0.81 x 10 ⁴	0.89 x 10 ⁴	

Fixed Length Extrusion (1,000 mm)

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			ξx	ξy
KHFS5	2020	183	0.742 x 10 ⁴	0.742 x 10 ⁴

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

Part Number Example

Part Number - L
HFS5-2020 - 800
KHFS5-2020 - 4000

Part Number Alterations

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

Fixed Length Extrusions (Effective Length 4,000 mm)

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴				
			ξx	ξy			
KHFS5	2020	183	0.742 x 10 ⁴	0.742 x 10 ⁴			
KHFSB5 Black Anodize							
KCAF5							
KHFSY5							
KHFSF5					195	0.834 x 10 ⁴	0.834 x 10 ⁴
KHFSFB5 Black Anodize							
KHFST5							
KHFSTB5 Black Anodize							
KHFSH5							
KHFSC5	208	0.81 x 10 ⁴	0.89 x 10 ⁴				


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

Aluminum Extrusions (HFS5 Series)

2 Slots (20, 25, 40 mm Square)

HFS5 Series		Fixing Parts			Others	
Configurable Length	Fixed Length	Brackets	Nuts	Joints	Extrusion End Caps	Alteration
		P.2692-2705	P.2709-2720	P.2844-2857	P.2721-2722	P.2862-2875

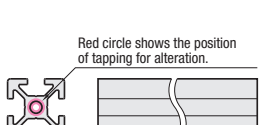
Features: Extrusions with [1 x 2 slots] and [2 x 2 slots]. This shape is effective where forces apply.



Type		Material	Surface Treatment
Configurable Length	Fixed Length		
HFS5	KHFS_5	A6N01SS-T5 or 6005A-T5 Aluminum Alloy	Clear Anodize
HFSB5	KHFS_B5		Black Anodize
CAF5	—		Clear Coating (Anodize + Clear Coating)
—	—		Baked-on Finish (Yellow)

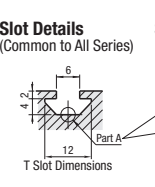
Ⓢ Cut surface and altered parts are not surface treated.

Red circle shows the position of tapping for alteration.

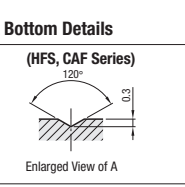


(See below for detailed dimensions.)

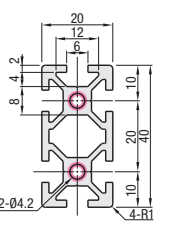
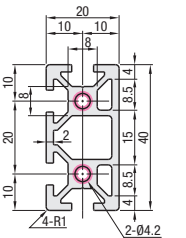
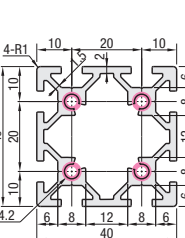
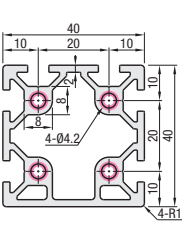
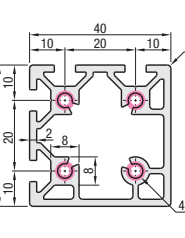
Slot Details (Common to All Series)



Slot Bottom Details (HFS, CAF Series)



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.
	Clear Coating	More luster and better appearance than anodizing

<p>HFS5-2040 HFSB5-2040 Black Anodize CAF5-2040 Clear Coating</p> 	<p>HFSF5-2040</p> 	<p>HFS5-4040 HFSB5-4040 Black Anodize CAF5-4040 Clear Coating</p> 	<p>HFSF5-4040</p> 	<p>HFST5-4040</p> 
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Configurable Length Extrusions

Part Number	L 0.5 mm Inc.	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴		
				ξx	ξy	
HFS5	2040	0.88	324	1.358 x 10 ⁴	5.13 x 10 ⁴	
HFSB5 Black Anodize						
CAF5 Clear Coating						
HFSF5		50-4000	0.93	344	1.52 x 10 ⁴	5.40 x 10 ⁴
HFS5						
HFSB5 Black Anodize						
CAF5 Clear Coating						
HFSF5						
HFST5						

Fixed Length Extrusion (1,000 mm)

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			ξx	ξy
KHFS5	2040	324	1.358 x 10 ⁴	5.13 x 10 ⁴

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

Part Number Example

Part Number - L
HFS5-2040 - 800
KHFS5-2040 - 4000

Part Number Alterations

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

Fixed Length Extrusions (Effective Length 4,000 mm)

Part Number	L mm	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴					
			ξx	ξy				
KHFS5	2040	324	1.358 x 10 ⁴	5.13 x 10 ⁴				
KHFSB5 Black Anodize								
KCAF5								
KHFSF5					4000	344	1.52 x 10 ⁴	5.40 x 10 ⁴
KHFSB5 Black Anodize								
KCAF5								
KHFSF5								
KHFSH5								
KHFST5								
HFST5	497	9.60 x 10 ⁴	9.60 x 10 ⁴					

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