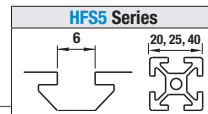


Three-Sided Caps for Corners / Screw Mounted / End Plates

HFS5 Series (Aluminum Extrusions 20, 25, 40 mm Square)



Features: Three-Sided Frame Caps for protecting 3 corners. Alterations are not required.

Three-Sided Caps for Corners

RoHS 10

HFC5-2020

Material: Polyamide

Part Number Example

Part Number - Color
HFC5-2020 - B

Part Number	Color	Accessories	Applicable Extrusion
HFC5-2020	B (Black)	HFBMB3-12	HFS5-2020

Features: Frame End Caps, Screw Mounting Type. Excels in safety, prevent caps from falling off without alterations.

Screw Mounted

RoHS 10

Material: Polyamide (Black, Light Gray, Yellow)

HFCB5-2020

HFCB5-2040

Part Number Example

Part Number - Color
HFCB5-2020 - B

Type	Part Number		Color	Applicable Extrusions
	No.	No.		
HFCB5	2020		B (Black) S (Light Gray) Y (Yellow)	HFS5-2020
		2040	⚠ Yellow Type is available only for 2020.	HFS5-2040

⚠ Flat Head Cap Screw is included. (Black: HFBMB3-12, Light Gray, Yellow: SHFBS3-12)

Features: End plates for HFSR5-404020. Alterations are required on extrusions.

End Plates

RoHS 10

Material: 304 Stainless Steel

HFCR5-404020

Part Number Type	Applicable Screw	Applicable Extrusions
HFCR5-404020	SHFBS5-6	HFSR5-404020

⚠ For HFCR5-404020, alterations on the extrusion end section and applicable bolts are required for mounting. (Bolts are not included.)

Application Example

Before Mounting → After Mounting

⚠ Tapping on extrusion is not required.

Application Example

Before Mounting → After Mounting

⚠ Tapping on extrusion is not required.

HFSR5-End Plates Mounting for HFSR5-404020

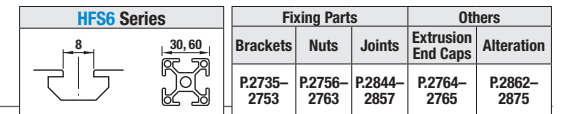
Alterations Code	Hole Machining for End Plate Mounting		
	LTS	RTS	TSW
Spec.	The standard extrusion position is shown below. LTS: Machined on the left end RTS: Machined on the right end TSW: Machined on both ends Ex. LTS		
Applicable Extrusions	Applicable Screw		
HFSR5-404020	SHFBS5-6		

Part Number Example

Part Number - Color
HFCR5-404020

Aluminum Extrusions (HFS6 Series)

1 Slot (30, 60 mm Square)

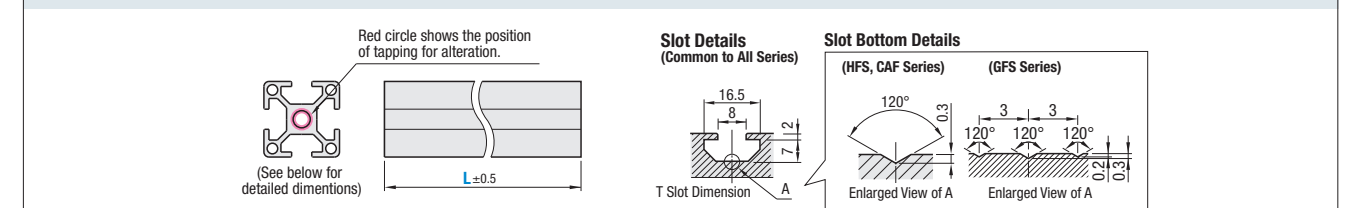


Features: Standard extrusions for various use such as covers or frames.

RoHS 10

Type	Material	Surface Treatment
GFS6	6061-T6 Aluminum Alloy Equivalent	Clear Anodize
HFS6	A6N01SS-T5 Aluminum Alloy	
HFSL6	A6N01SS-T5 Aluminum Alloy	
HFSB6	A6N01SS-T5 Aluminum Alloy	Black Anodize
CAF6		Clear Coating (Anodize + Clear Coating)
HFSY6		Baked-on Finish (Yellow)

⚠ Cut surface and altered parts are not surface treated.



Feature of Extrusions

Extrusion Type	Material	Notes
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.
GFS Series	6061-T6 Aluminum Alloy Equivalent	These thick extrusions offer high rigidity and are suitable for use in high load.
HFSL Series	A6N01SS-T5 Aluminum Alloy	Place emphasis on lightness and economical price. Use these extrusions when lightness and economical price are given priority over strength.
HFSY Series	A6N01SS-T5 Aluminum Alloy	Baked-on paint finished (Yellow) extrusions. Suitable for doors or hazardous areas as a warning color. The color is D22-80V (Munsell Value Reference 2.5YR6/14) by Japan Paint Manufacturers Association.

HFS6-3030
HFSB6-3030 Black Anodize
CAF6-3030 Clear Coating
HFSY6-3030 Baked-on Finish, Yellow

HFSL6-3030 Light Type
HFSLB6-3030 Light Type, Black Anodize

GFS6-3030 High Rigidity

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
HFS6 HFSB6 Black Anodize CAF6 Clear Coating HFSY6 Baked-on Finish, Yellow HFSL6 Light Type HFSLB6 Light Type, Black Anodize GFS6 High Rigidity	3030 50-4000	0.9 0.76 1.02	333 280 377	2.83 x 10 ⁴ 2.68 x 10 ⁴ 3.47 x 10 ⁴	2.83 x 10 ⁴ 2.68 x 10 ⁴ 3.47 x 10 ⁴

Fixed Length Extrusion (1,000 mm)

Part Number	L 0.5 mm Increment	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			ℓ _x	ℓ _y
KHFS6	3030 1000	333	2.83x10 ⁴	2.83x10 ⁴

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

Fixed Length Extrusion (Effective Length 4,000 mm)

Part Number	L 0.5 mm Increment	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
			ℓ _x	ℓ _y
KHFS6 KHFSB6 Black Anodize KCAF6 KHFSY6 KHFSL6 Light Type KHFSLB6 Light Type, Black Anodize KGFS6 High Rigidity	3030 4000 Effective Length	333 280 377	2.83 x 10 ⁴ 2.68 x 10 ⁴ 3.47 x 10 ⁴	2.83 x 10 ⁴ 2.68 x 10 ⁴ 3.47 x 10 ⁴

Part Number Example

Part Number - L
HFS6-3030 - 800
KHFS6-3030 - 4000

Part Number Alterations

Alterations are available for Configurable Length Extrusions. For details, refer to P.2864-2875

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