

Aluminum Extrusions (HFS8 Series)

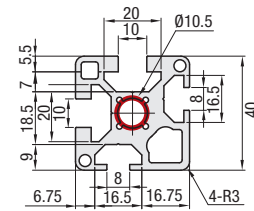
Slot Width Mixed

HFS8 Series		Fixing Parts			Others	
Brackets	Nuts	Joints	Extrusion End Caps	Alteration		
P.2777-2795	P.2796-2803	P.2844-2857	P.2839-2840	P.2862-2863		

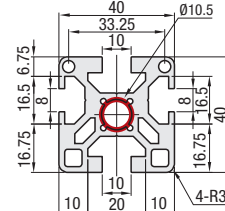
Aluminum Extrusions – Mixed Series (5 and 6), Mixed Base (20 and 30), Y Style



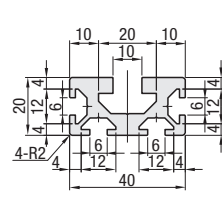
HFS8-6T-4040



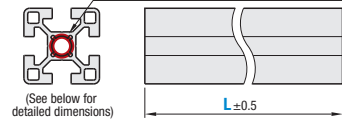
HFS8-6H-4040



HFS8-5Y-2040



Red circle shows the position of tapping for alteration.



Material: A6N01SS-T5 Aluminum Alloy
Surface Treatment: Anodize

Ⓢ Cut surfaces are not anodized.

When tapped hole alterations are specified, the red circles on the outline drawing of the aluminum extrusion will be machined.

RoHS10

Type	Part Number		L 0.5 mm Increment	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴	
	Shapes	No.				ξx	ξy
HFS8-6	T	4040	50-4000	1.86	767	11.14 x 10 ⁴	11.04 x 10 ⁴
	H						
HFS8-5	Y	2040		1.90	704	10.74 x 10 ⁴	11.04 x 10 ⁴
				1.12	418	1.70 x 10 ⁴	6.24 x 10 ⁴

Part Number Example

Part Number: HFS8-6T-4040 - 800

L

Part Number Alterations

Part Number: HFS8-6T-4040 - 800 - TPW

A (Alteration Code)

Alterations		Tapping (Body+) Ⓢ Not applicable to HFS8-5Y	
Spec. Code		Tap Shape	
HFS8-6	T	4040	M12 Depth 36
	H		

Ⓢ For details of tapping, refer to P.2864.

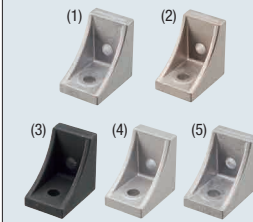
Application Example

Tabbed Brackets

Slot Type: HFS8 Series (Aluminum Extrusions 40, 80 Square)

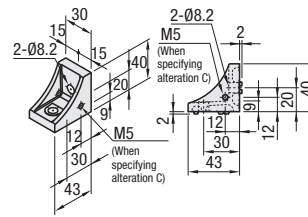
HFS8 Series	
10	40, 80

Reversal Tabbed Brackets

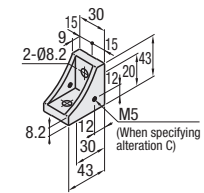


Type	Material	Surface Treatment
(1) HBLFSNF8	Aluminum Casting Alloy ADC12	—
(2) HBLFSN8		—
(3) HBLFSNB8		Black Anodize
(4) HBLFSNM8		Electroless Nickel Plating
(5) CHBLFSN8		Baked-on Finish (Silver)

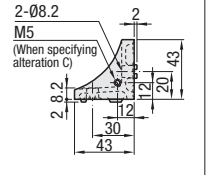
Reversal Tabbed Brackets (Depth 40 mm) HBLFSNF8



Reversal Tabbed Brackets HBLFSN8 HBLFSNB8 Black Anodize



HBLFSNM8 Electroless Nickel Plating CHBLFSN8 Baked-on Finish, Silver



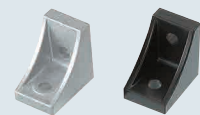
Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLFSNF8	48					2058
HBLFSN8						
HBLFSNB8*	50	CBM8-20	2	HNTT8-8	2	
HBLFSNM8						
CHBLFSN8						

*For repairing black anodizing, refer to P.2965.

Application Example

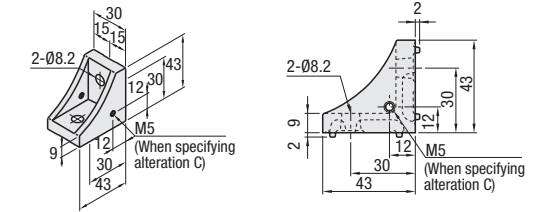
Can be installed in either direction. HBLFSNF8 prevents brackets from protruding from extrusions when cross connected.

Tabbed Brackets



HBLFS8 HBLFSB8 Cathodic Electrodeposition Coating: Black

Type	Material	Surface Treatment
HBLFS8	Aluminum Casting Alloy ADC12	—
HBLFSB8		Cathodic Electrodeposition Coating: Black



Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLFS8	54	CBM8-20	2	HNTT8-8	2	2058
HBLFSB8*						

*For repairing black anodizing, refer to P.2965.

Application Example

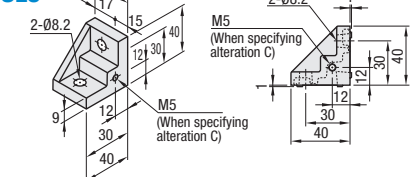
Used for Parallel connection.

Feature: One-Sided Tabbed Rib Brackets. Easy to work with wrenches.

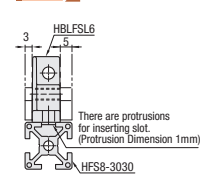
One-Side Rib Brackets



HBLFSL8



Application Example



Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLFSL8	46	CBM8-20	2	HNTT8-8	2	2058

Ⓢ Can be combined with both cover plates of 5mm and 3mm thickness.

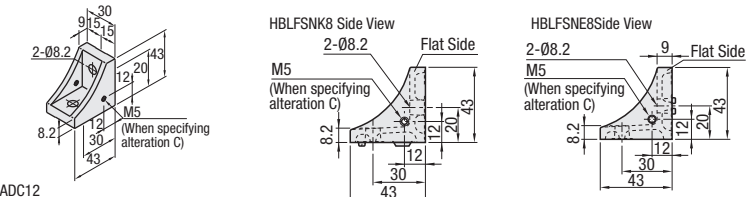
Feature: Brackets with single side tabs. Plates can be mounted on the side with no tabs.

Brackets with Single Side Tab



HBLFSNK8 HBLFSNE8

Material: Aluminum Casting Alloy ADC12



Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLFSNK8	50	CBM8-20	2	HNTT8-8	2	2058
HBLFSNE8						

Application Example

Can be mounted on plates directly.