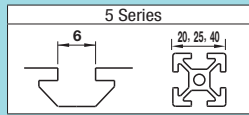


# Tabbed Brackets - For 1 Slot

## For 5 Series (Slot Width 6mm) Aluminum Extrusions



■ **Features:** Tabbed Brackets to be connected by both L and Cross-Connections.

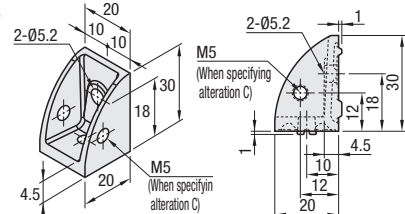
### Tabbed Reversal Brackets



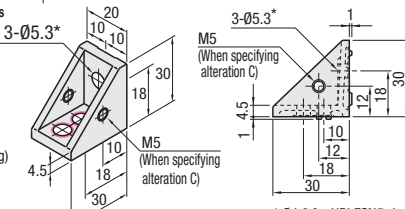
Type	Material	Surface Treatment
① HBLFSNF5	ADC12	Black Anodize
② HBLFSN5		
③ HBLFSN5-4		
④ HBLFSNB5		
⑤ HBLFSNM5		
⑥ CHBLFSN5		

\*Baked Paint (Silver) is color coordinated with Clear Coating Extrusions.

• Tabbed Reversal Brackets (Depth 20mm)  
**HBLFSNF5**



• Tabbed Reversal Brackets (For M4 Screw)  
**HBLFSN5**  
**HBLFSN5-4**  
**HBLFSNB5** (Black Anodize)  
**HBLFSNM5** (Electroless Nickel Plating)  
**CHBLFSN5** (Baked Paint, Silver)



\* 04.2 for HBLFSN5-4.

Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
HBLFSNF5	13	CBM5-10	HNTT5-5	2	1176		
HBLFSN5	15	CBM4-10	HNTT5-4	2	1176		
HBLFSN5-4 (For M4 Screw)							
HBLFSNB5* (Black Anodize)	15	CBM5-10	HNTT5-5	2	1176		
HBLFSNM5 (Electroless Nickel Plating)							
CHBLFSN5 (Baked Paint, Silver)	15	CBM5-10	HNTT5-5	2	1176		

\* For repairing black anodizing, refer to P.846.

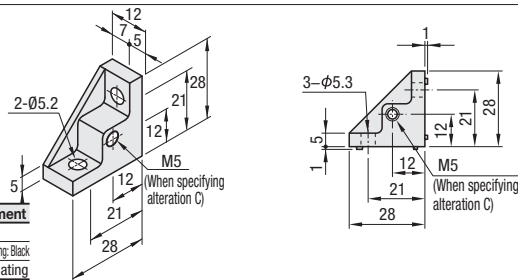
■ **Features:** One-Sided Tabbed Rib Brackets. Easy to work with wrenches.

### One-Side Rib Brackets



**HBLFSL5**  
**HBLFSLB5** (Cathodic Electrodeposition Paint: Black)  
**HBLFSLM5** (Electroless Nickel Plating)

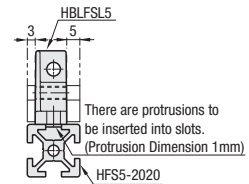
Type	Material	Surface Treatment
HBLFSL5	ADC12	Cathodic Electrodeposition Coating: Black
HBLFSLB5		
HBLFSLM5		



Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
HBLFSL5	13	CBM5-10	HNTT5-5	2	1176		
HBLFSLB5 (Cathodic Electrodeposition Paint: Black)							
HBLFSLM5 (Electroless Nickel Plating)							

■ **Example**

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



■ **Features:** Pressing nuts against the long tabs makes cumbersome hole positioning unnecessary.

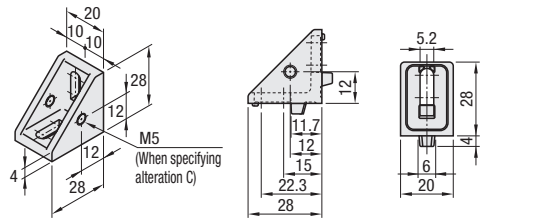
### Nut Mounting Brackets



**HBLFSR5**

- Slotted holes are for various nut hole positions.
- Bracket tabs may be damaged when nuts are fallen on them.
- Use of washers are recommended. (Refer to alterations on the next page: SEC)

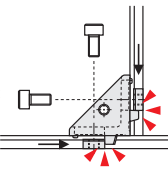
■ Material: ADC12



Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
HBLFSR5	15	CBM5-10	HNTT5-5	2	1176		

■ **Example**

When nuts are wedged through until the tab, hole positions of bracket and nuts are aligned and fine adjustment becomes unnecessary.  
⊗ Short Nuts, HNTM and HNTAM are not applicable.

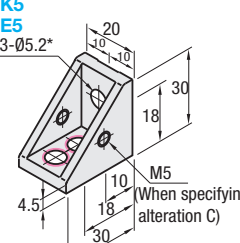


■ **Features:** Brackets with single side tabs. Panels can be mounted on the side without tabs as shown in the app. example.

### Brackets with Single Side Tab

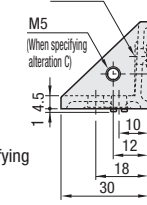


**HBLFSNK5**  
**HBLFSNE5**

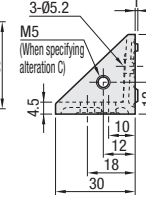


■ Material: ADC12

**HBLFSNE5 Side View**



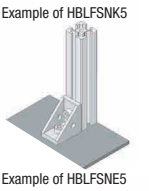
**HBLFSNK5 Side View**



\* Use one hole out of the two holes on the bottom. (Depends on the attaching direction)

■ **Example**

Can be mounted on a plate directly.



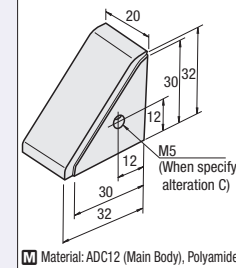
Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
HBLFSNK5	15	CBM5-10	HNTT5-5	2	1176		
HBLFSNE5							

■ **Features:** Tabbed Reversal Brackets with Cover. Designed to prevent dust build-up.

### Brackets with Cover

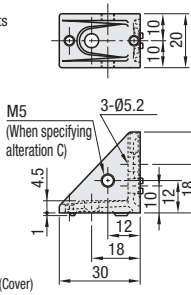


**HBLFSNT5**

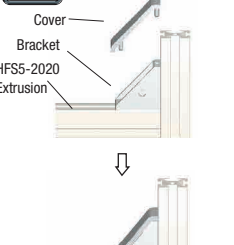


■ Material: ADC12 (Main Body), Polyamide Black (Cover)

Brackets



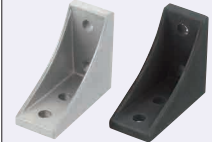
■ **Example**



Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
HBLFSNT5	17	CBM5-10	HNTT5-5	2	1176		

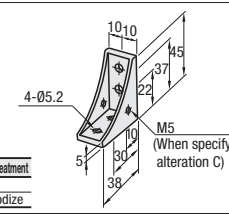
■ **Features:** Tabbed Reversal Brackets with two mounting holes on one side can connect extrusions more securely.

### Tabbed Reversal Brackets

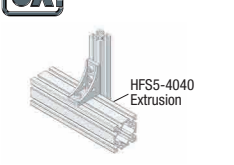


**HBLFSSW5**  
**HBLFSSWB5** (Black Anodize)

Type	Material	Surface Treatment
HBLFSSW5	ADC12	Black Anodize
HBLFSSWB5		



■ **Example**



Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
HBLFSSW5	24	CBM5-10	HNTT5-5	4	1470		
HBLFSSWB5* (Black Anodize)							

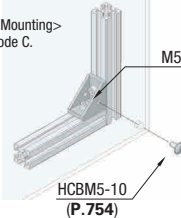
\* For repairing black anodizing, refer to P.846.

Alterations: (C, SET, SST, SEU, SSU, SEP, SSP, SEC)

Alterations	Code	Spec.	Applicable Bracket
Mounting Hole Alteration for Cover	C	Adds taps on a bracket for cover mounting. (M5 on Both Sides) (Mounting Screw HCBM on P.754)	HBLFSNF5
			HBLFSN5
			HBLFSN5-4
			HBLFSNB5
			HBLFSNM5
			CHBLFSN5
			HBLFSL5
			HBLFSLB5
			HBLFSLM5
			HBLFSR5
			HBLFSNK5
			HBLFSNE5
			HBLFSNT5
			HBLFSSW5
HBLFSSWB5			

Alterations	Code	Spec.	Applicable Bracket
Applicable Screws and Nuts Set	SET, SST, SEU, SSU, SEP, SSP, SEC	Applicable screws and nuts for fixing the brackets on extrusions come in a set. (Adds to the bracket price.)  (Ex.) When HBLFSN5 is specified: Code Screw Nut SET CBM5-10 HNTT5-5 SST SCB5-10 HNTTBS5-5 SEU CBM5-10 HNTU5-5 SSU SCB5-10 SHNTU5-5 SEP CBM5-10 HNTTP5-5 SSP SCB5-10 SHNTP5-5 SEC HCBST5-12 HNTT5-5	HBLFSNF5
			HBLFSN5
			HBLFSN5-4
			HBLFSNB5
			HBLFSNM5
			CHBLFSN5
			HBLFSL5
			HBLFSLB5
			HBLFSLM5
			HBLFSR5
			HBLFSNK5
			HBLFSNE5
			HBLFSNT5
			HBLFSSW5
HBLFSSWB5			

<Example of Cover Mounting>  
Specify alteration code C.



HCBM5-10 (P.754)

⊗ Screws for Black Anodized Brackets and Cathodic Electrodeposition Painted (black) Brackets are HCBMTB (Trivalent Chromate Black) on P.751.  
⊗ Included Screw is not RoHS compliant when -SET, -SEU or -SEP other than Black Anodized or Cathodic Electrodeposition