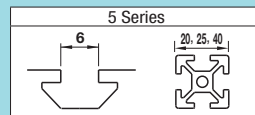


Tabbed Brackets - For 1 Slot

For 5 Series (Slot Width 6mm) Aluminum Extrusions



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

■ Tabbed Reversal Brackets

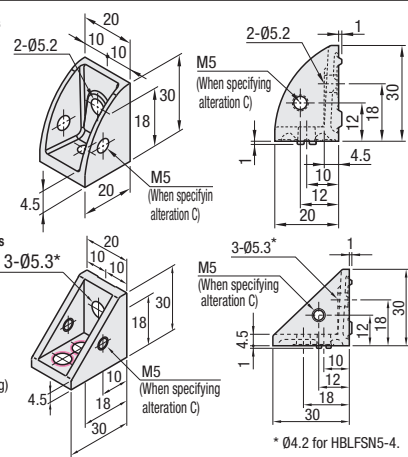


Type	Material	Surface Treatment
① HBLFSNF5	EN AC-46100 Equiv.	Black Anodize
② HBLFSN5		
③ HBLFSN5-4		
④ HBLFSNB5		
⑤ HBLFSNM5		
⑥ CHBLFSN5		

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

• Tabbed Reversal Brackets (Depth 20m)
HBLFSNF5

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



Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Load (N)	Unit Price	Volume Discount Rate
Type	(g)	Screw	T Nut	Quantity	Load (N)	1-99 pc(s)	100-200
HBLFSNF5	13	CBM5-10	HNTT5-5	2	1176		
HBLFSN5		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)							

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

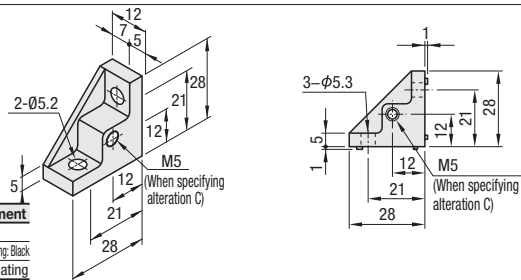
■ **Features:** One-Sided Tabbed Rib Brackets. Easy to work with wrenches.

■ One-Side Rib Brackets



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

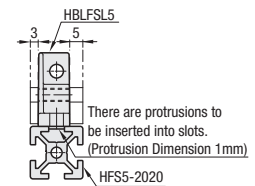
Type	Material	Surface Treatment
HBLFSL5	EN AC-46100 Equiv.	Cathodic Electrodeposition Coating: Black
HBLFSLB5		
HBLFSLM5		



Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Load (N)	Unit Price	Volume Discount Rate
Type	(g)	Screw	T Nut	Quantity	Load (N)	1-99 pc(s)	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.

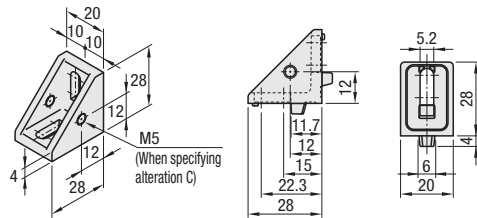
■ Nut Mounting Brackets



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)

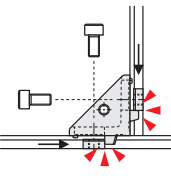
■ Material: EN AC-46100 Equiv.



Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Load (N)	Unit Price	Volume Discount Rate
Type	(g)	Screw	T Nut	Quantity	Load (N)	1-99 pc(s)	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.

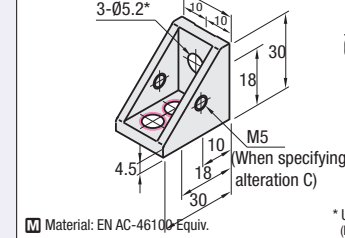


■ **Features:** Brackets with single side tabs. Panels can be mounted on the side without tabs as shown in the app. example.

■ Brackets with Single Side Tab

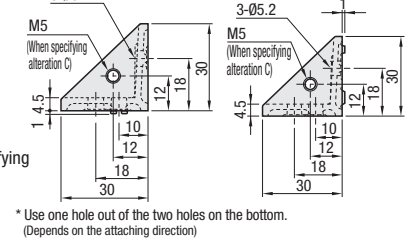


HBLFSNK5
HBLFSNE5



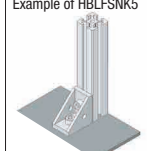
■ Material: EN AC-46100 Equiv.

HBLFSNE5 Side View



■ **Example**

• Can be mounted on a plate directly.



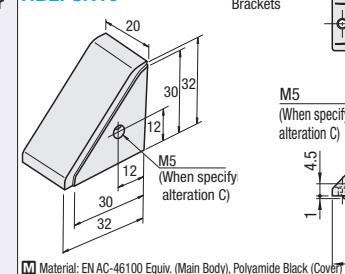
Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Load (N)	Unit Price	Volume Discount Rate
Type	(g)	Screw	T Nut	Quantity	Load (N)	1-99 pc(s)	100-200
HBLFSNK5	15	CBM5-10	HNTT5-5	2	1176		
HBLFSNE5							

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

■ Brackets with Cover

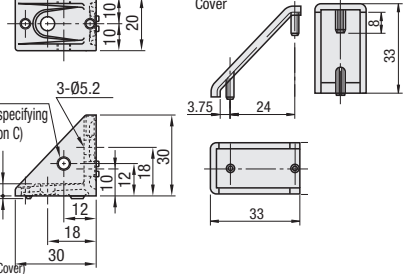


HBLFSNT5



■ Material: EN AC-46100 Equiv. (Main Body), Polyamide Black (Cover)

Brackets



■ **Example**



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

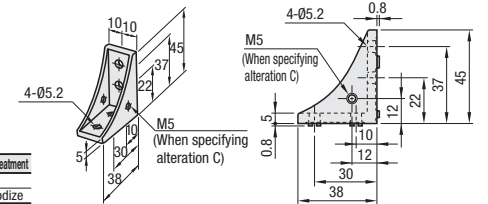
■ **Features:** Tabbed Reversal Brackets with two mounting holes on one side can connect extrusions more securely.

■ Tabbed Reversal Brackets



HBLFSSW5
HBLFSSWB5 (Black Anodize)

Type	Material	Surface Treatment
HBLFSSW5	EN AC-46100 Equiv.	Black Anodize
HBLFSSWB5		



■ **Example**



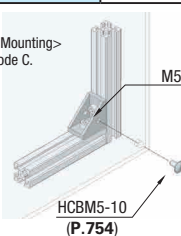
Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Load (N)	Unit Price	Volume Discount Rate
Type	(g)	Screw	T Nut	Quantity	Load (N)	1-99 pc(s)	100-200
HBLFSSW5	24	CBM5-10	HNTT5-5	4	1470		
HBLFSSWB5* (Black Anodize)							

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

■ Alterations [Part Number] - (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

<Example of Cover Mounting>
Specify alteration code C.



Alterations	Code	Spec.	Applicable Bracket
Applicable Screws and Nuts Set	SET SST (Stainless Steel) SEU (Pre-Assembly Insertion Spring Nuts) SSU (Pre-Assembly Insertion Spring Nuts) SEP (Post-Assembly Insertion Spring Nuts) SSP (Post-Assembly Insertion Spring Nuts) SEC (Screws with Captured Washer and Nuts)	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 HNTTBSS-5 SEU CBM5-10 HNTTUS-5 SSU SCB5-10 SHNTPS-5 SEP CBM5-10 SHNTPS-5 SEC HCBST5-12 HNTT5-5 ☞ When specifying other than HBLFSN5, check for the applicable screws and nuts.	HBLFSNF5
			HBLFSN5
			HBLFSN5-4
			HBLFSNB5
			HBLFSNM5
			CHBLFSN5
			HBLFSL5
			HBLFSLB5
			HBLFSLM5
			HBLFSR5
			HBLFSNK5
			HBLFSNE5
			HBLFSNT5
			HBLFSSW5
			HBLFSSWB5

☞ 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 Painted (black) Brackets is specified.