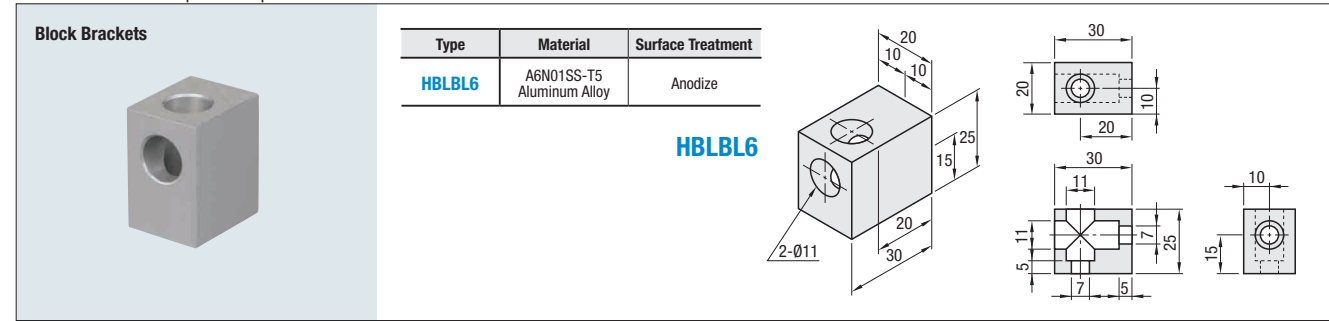
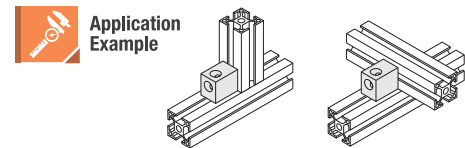


## Aluminum Extrusions & Brackets

**Features:** The brackets do not protrude from extrusion widths when used to cross connect extrusions. Can be used in smaller spaces compared to the Tabbed Reversal Brackets.



**Part Number**  
**Example** **HBLBL6**



⊗ A set of mounting screws and nuts is not available for black anodized parts.  
Ⓢ Not RoHS compliant when -SET, -SEU or -SEP are specified.

## Brackets for Reinforcement

\* For \* part, fix with other brackets.

RoHS 10

Type	Material	Surface Treatment
HFBL6	A6N01SS-T5 Aluminum Alloy	Anodize

### HFBL6-3030 HFBL6-3060

Part A Details

### HFBL6-6030

#### Front View

HFBL6-3030

HFBL6-6030

30

#### Front View


HFBL6-3060

60

(No surface treatment on 45° cut ends and counterbores.)

**Part Number** Part Number - L  
**Example** HFBL6-3030 - 300

**HFS6 Series**



Technical drawing of the HFS6 Series connector. The side view shows a width of 8. The top view shows dimensions of 30, 50, and 60.

**Angled Brackets**

Type	Material	Surface Treatment
HBL45T_6 HBL135T_6	A6N01SS-T5 Aluminum Alloy	Anodize

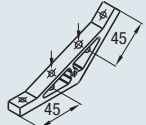
**HBL45TS6**

**HBL45TD6**

**HBL135TS6**

**HBL135TD6**

	<b>Part Number Example</b>	<b>Part Number</b> <b>HBL45TS6</b>
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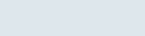
Alterations	Code	Spec.	Applicable Brackets
Mounting Hole Alteration for Cover	C	Adds a tap for a bracket for cover mounting. (M5 on Both Sides, Depth 15 mm) (Mounting screw <b>P2861</b> HCBM)	<a href="#">HBL45TS6</a> <a href="#">HBL45TD6</a> <a href="#">HBL135TS6</a>
135° Bracket Counterboring	Z6	135° Bracket Adds two counterbored holes on HBL135T_5. (Applicable Screw: M6) 	<a href="#">HBL135TS6</a>
			<a href="#">HBL135TD6</a>

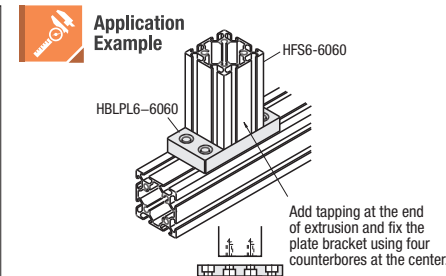
## Application Example

HFS6-3030-300-RCT45  
45 Degree Cutting of the Frame Edge Face  
HBL45TS6


Alterations	Code	Spec.	Applicable Brackets																					
Applicable Screws and Nuts Set	<b>SET</b> <b>SST</b> (Stainless Steel)	Supplies a set of applicable screws and nuts for fixing the bracket to a extrusion. (Adds to the bracket price) (Ex.) When HBL45TS6 is specified,	<b>HBL45TS6</b>																					
	<b>SEU</b> (Pre-Assy. Insertion Spring Nuts)		<b>HBL45TD6</b>																					
	<b>SSU</b> (Pre-Assy. Insertion Spring Nuts Stainless Steel)																							
	<b>SEP</b> (Post-Assy. Insertion Spring Nuts)		<b>HBL135TS6</b>																					
	<b>SSP</b> (Post-Assy. Insertion Spring Nuts Stainless Steel)		<b>HBL135TD6</b>																					
		① When specifying other than HBL45TS6, check for the applicable screws and nuts.																						
		<table><tr><th>Code</th><th>Screws</th><th>Nuts</th></tr><tr><td>SET</td><td>CBM6-15</td><td>HNTT6-6</td></tr><tr><td>SST</td><td>SCB6-15</td><td>HNTTSN6-6</td></tr><tr><td>SEU</td><td>CBM6-15</td><td>HNTU6-6</td></tr><tr><td>SSU</td><td>SCB6-15</td><td>SHNTU6-6</td></tr><tr><td>SEP</td><td>CBM6-15</td><td>HNTP6-6</td></tr><tr><td>SSP</td><td>SCB6-15</td><td>SHNTP6-6</td></tr></table>	Code	Screws	Nuts	SET	CBM6-15	HNTT6-6	SST	SCB6-15	HNTTSN6-6	SEU	CBM6-15	HNTU6-6	SSU	SCB6-15	SHNTU6-6	SEP	CBM6-15	HNTP6-6	SSP	SCB6-15	SHNTP6-6	
Code	Screws	Nuts																						
SET	CBM6-15	HNTT6-6																						
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SSU	SCB6-15	SHNTU6-6																						
SEP	CBM6-15	HNTP6-6																						
SSP	SCB6-15	SHNTP6-6																						

ⓘ Not RoHS compliant when -SET, -SEU or -SEP are specified.


Plate Brackets	Type	Material	Surface Treatment
	<b>HBLPL6</b>	1018 Carbon Steel or Equivalent	Electroless Nickel Plating



**Part Number**      **Part Number** - **Extrusions**  
**Example**                **HBLPL6** - **5050**

 <b>Part Number Alterations</b>	<b>Part Number</b> <b>HBLPL6</b>	<b>-</b>	<b>Extrusions</b> <b>5050</b>	<b>- (DC)</b> <b>DC12</b>
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Alteration	Code	Spec.
<p>Through Hole</p> 	<p>DC</p>	<p>Add a through hole.            DC=Hole Dia. 1 mm Increment  <math>10 \leq DC \leq 20</math>  <b>Ordering Code:</b> DC12</p>

## Aluminum Extrusions & Brackets