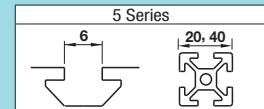


# Angled Brackets

For 5 Series (Slot Width 6mm) Aluminum Extrusions

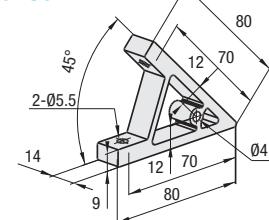


■ Features: Extruded Brackets to connect extrusions at angles.

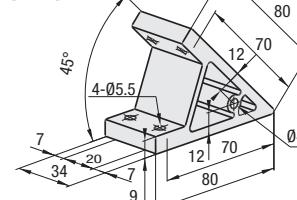
## ■ Angled Brackets



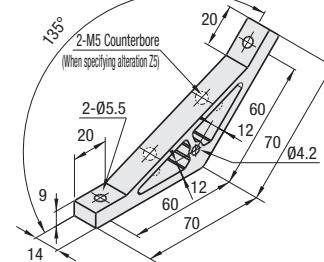
**HBL45TS5**



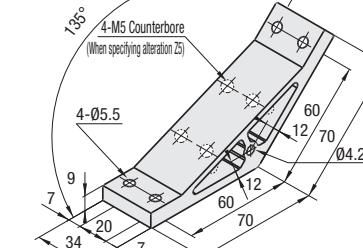
**HBL45TD5**



**HBL135TS5**



**HBL135TD5**



■ Material: EN AC-51400-T5 Equiv.  
■ Surface Treatment: Clear Anodize

Part Number	Mass (g)	Applicable Screw, T Nut	Allowable Load (N)	Unit Price 1-99 pc(s)	Volume Discount Rate
	Screw Quantity	T Nut Quantity		100-200	
<b>HBL45TS5</b>	41	2	2	833	
<b>HBL45TD5</b>	100	4	4	1470	
<b>HBL135TS5</b>	48	2	2	833	
<b>HBL135TD5</b>	118	4	4	1470	

■ Ordering Example **Part Number** **HBL45TS5**



Alterations

**Part Number** - (C, SET, SST, SEU, SSU, SEP, SSP, Z5)

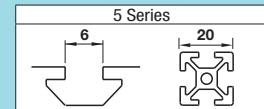
**HBL45TS5** - **SET**

Alterations	Code	Spec.	Applicable Bracket
Mounting Hole Alteration for Cover	<b>C</b>	Adds taps on a bracket for cover mounting. (M5 on Both Sides, Depth 15mm) (Mounting Screw HCBM on P754)	<b>HBL45TS5</b> <b>HBL135TS5</b>
Applicable Screw	<b>SET</b> <b>SST</b> <b>SEU</b> <b>Pre-Assembly</b> <b>Insertion</b> <b>Spring Nuts</b> <b>SSU</b> <b>Pre-Assembly</b> <b>Insertion</b> <b>Spring Nuts</b> <b>Stainless Steel</b> <b>SEP</b> <b>Post-Assembly</b> <b>Insertion</b> <b>Spring Nuts</b> <b>SSP</b> <b>Post-Assembly</b> <b>Insertion</b> <b>Spring Nuts</b> <b>Stainless Steel</b>	Applicable screws and nuts for fixing the brackets on extrusions come in a set. (Adds to the bracket price.)  (Ex.) When HBL45TS5 is specified: Code   Screw   Nut SET   CBM5-14   HNTT5-5 SST   SCB5-14   HNTTBS5-5 SEU   CBM5-14   HNTU5-5 SSU   SCB5-14   SHNTU5-5 SEP   CBM5-14   HNTP5-5 SSP   SCB5-14   SHNTP5-5  When specifying other than HBL45TS5, check for the applicable screws and nuts.	<b>HBL45TS5</b>  <b>HBL45TD5</b>  <b>HBL135TS5</b>  <b>HBL135TD5</b>
Counterbored Holes on 135 Degree Bracket	<b>Z5</b>	135 Degree Bracket Adds two counterbored holes on HBL135T <sub>5</sub> (Applicable Screw M5)  Not available in combination with Applicable Screws and Nuts.	<b>HBL135TS5</b>  <b>HBL135TD5</b>

■ Included Screw is not RoHS compliant when -SET, -SEU or -SEP are specified.

# Free Angle Brackets

For 5 Series (Slot Width 6mm) Aluminum Extrusions

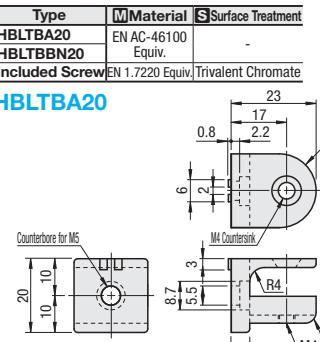


■ Features: Extrusions can be connected at any arbitrary angle.

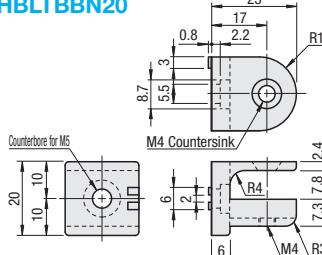
## ■ Free Angle Brackets



**HBLTBA20**



**HBLTBBN20**



Part Number	Applicable Extrusion	Mass (g)	Accessory: Hex Socket Flat Head Cap Screw (1 pc.)	Unit Price 1 - 14 pc(s)	Volume Discount Rate
<b>HBLTBA20</b>	20 Square (HFSS)	10.8	M4x6		
<b>HBLTBBN20</b>					



Alterations



Part Number - (SET, SET1, SET2, SET3)

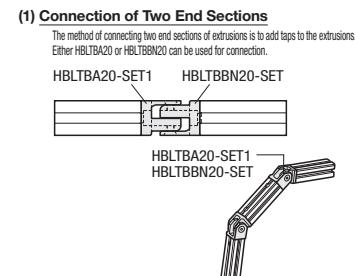
**HBLTBA20** - **SET2**

**HBLTBBN20** - **SET**

■ Ordering Example **Part Number** **HBLTBA20**



Example



(1) Connection of Two End Sections

The method of connecting two end sections of extrusions is to add tabs to the extrusions. Either HBLTBA20 or HBLTBBN20 can be used for connection.

(2) Connection of Two Extrusion Side Faces (HBLTBA20 Connection)

Anti-spin protrusion is shown in the right figure. Connect two extrusion sides to the side with HBLTBA20, screws and nuts.

HBLTBA20-SET1

HBLTBBN20-SET

HBLTBA20-SET1