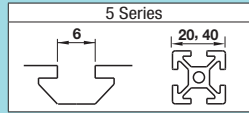


# Angled Brackets

For 5 Series (Slot Width 6mm) Aluminum Extrusions

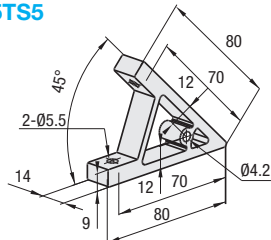


■ Features: Extruded Brackets to connect extrusions at angles.

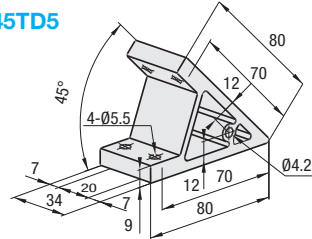
## Angled Brackets



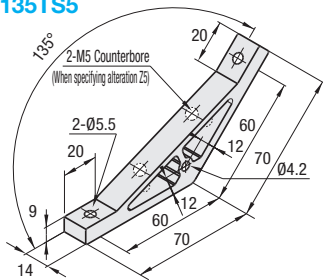
**HBL45TS5**



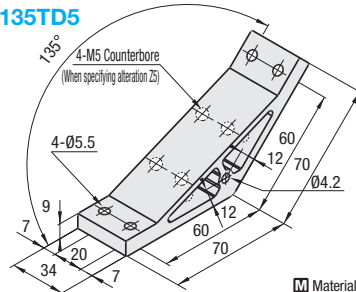
**HBL45TD5**



**HBL135TS5**



**HBL135TD5**

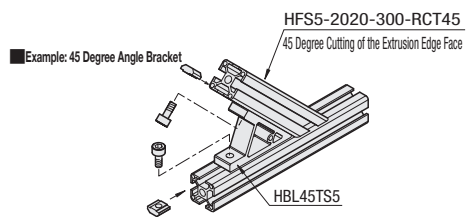


M Material: A6N01SS-T5  
S Surface Treatment: Clear Anodize

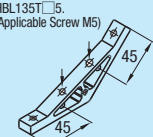
Part Number	Mass (g)	Applicable Screw	T Nut	Quantity	Allowable Load (N)	Unit Price	Volume Discount Rate
HBL45TS5	41	CBM5-14	HNTT5-5	2	2	833	100-200
HBL45TD5	100			4	4	1470	
HBL135TS5	48			2	2	833	
HBL135TD5	118			4	4	1470	

Ordering Example Part Number **HBL45TS5**

Example



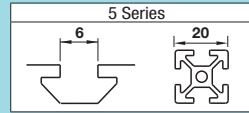
Alterations Part Number - (C, SET, SST, SEU, SSU, SEP, SSP, Z5)  
**HBL45TS5** - SET

Alterations	Code	Spec.	Applicable Bracket
Mounting Hole Alteration for Cover	C	Adds taps on a bracket for cover mounting. (M5 on Both Sides, Depth 15mm) (Mounting Screw HCBM on P.754)	HBL45TS5 HBL135TS5
Applicable Screw	SET	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   HNTTB55-5 SEU   CBM5-14   HNTU5-5 SSU   SCB5-14   SHNTU5-5 SEP   CBM5-14   HNTTP5-5 SSP   SCB5-14   SHNTIP5-5 ⚠ When specifying other than HBL45TS5, check for the applicable screws and nuts.	HBL45TS5
	SST		HBL45TD5
	SEU		HBL135TS5
	SSU		HBL135TD5
Counterbored Holes on 135 Degree Bracket	Z5	135 Degree Bracket Adds two counterbored holes on HBL135T...5. (Applicable Screw M5) 	HBL135TS5 HBL135TD5

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

# Free Angle Brackets

For 5 Series (Slot Width 6mm) Aluminum Extrusions



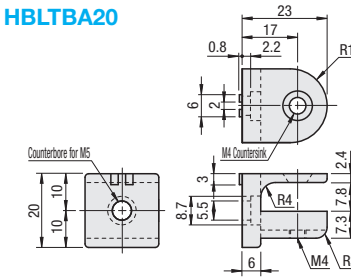
■ Features: Extrusions can be connected at any arbitrary angle.

## Free Angle Brackets

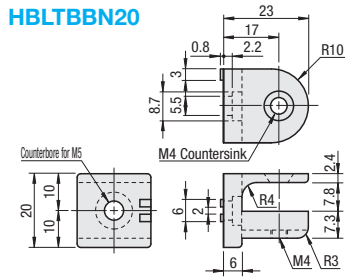


Type	Material	Surface Treatment
HBLTBA20	ADC12	-
HBLTBBN20	SCM435	Trivalent Chromate

**HBLTBA20**



**HBLTBBN20**



Part Number	Applicable Extrusion	Mass (g)	Accessory: Hex Socket Flat Head Cap Screw (1 pc.)	Unit Price	Volume Discount Rate
HBLTBA20	20 Square (HFS5)	10.8	M4x6	1 - 14 pc(s)	15-50

Ordering Example Part Number **HBLTBA20**

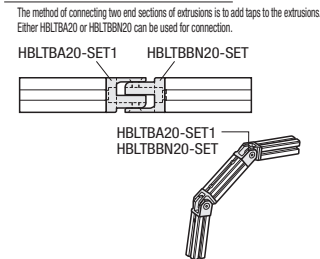
Alterations Part Number - (SET, SET1, SET2, SET3)  
**HBLTBA20** - SET2  
**HBLTBBN20** - SET

Alterations	Code	How to Use	Part Number	Accessory	Quantity
Applicable Screws and Nuts Set	SET	End Section	HBLTBBN20	CBM5-15	-
	SET1	Mount	HBLTBA20	CBM5-8	-
	SET2	Side Mount	HBLTBA20	HNTT5-5	1
	SET3		HBLTBBN20		

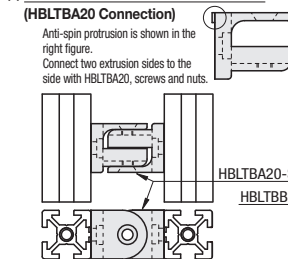
⚠ Included Screw is not RoHS compliant when -SET... is specified.

Example

### (1) Connection of Two End Sections



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



### (3) Connection of Two Extrusions Side Faces

