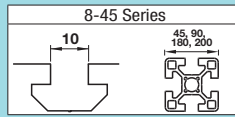


# Extruded Brackets - For 4 Slots / Thin Brackets

## For 8-45 Series (Slot Width 10mm) Aluminum Extrusions



■ Features: Brackets to connect Extrusions with 4-slots (HFS8-45180 etc.) with one bracket.

For 180 Square  
**HBLUQ8-45**

Material: A6N01SS-T5 Surface Treatment: Anodize

Part Number	Mass (g)	Applicable Screw, T Nut		Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
		Screw	T Nut			
HBLUQ8-45	846	CBM8-25	8 HNTT8-8	8	7056	

Ordering Example  
Part Number: HBLUQ8-45

■ Features: Brackets for GFS8-100200.

For 200 Square  
**HBLPQ8-200**

Material: A6N01SS-T5 Surface Treatment: Anodize

Part Number	Mass (g)	Extrusion Series	Applicable Screw, T Nut		Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
			Screw	T Nut			
HBLPQ8-200	910	GFS8-100200	CBM8-15 CBM8-25	8 HNTT8-8	16	11172	

Ordering Example  
Part Number: HBLUQ8-45 (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)	HBLUQ8-45 HBLPQ8-200

Alterations	Code	Spec.	Applicable Bracket		
Applicable Screws and Nuts Set	SET	Applicable screws and nuts for fixing the brackets on extrusions come in a set. (Adds to the bracket price)	HBLUQ8-45		
	SST				
Applicable Screws and Nuts Set	SEU	(Ex.) When HBLUQ8-45 is specified:	HBLPQ8-200		
	SSU	Code		Screw	Nut
	SEP	SET		CBM8-25	HNTT8-8
	SSP	SST		SCB8-25	HNTTSM8-8
	SEC	SEU		CBM8-25	HNTU8-8
		SSU		SCB8-25	SHNTU8-8
		SEP		CBM8-25	HNTTP8-8
		SSP		SCB8-25	SHNTP8-8
	SEC	HCBST8-29	HNTT8-8		

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

■ Features: The brackets do not protrude from extrusion widths when used to cross connect extrusions. Space-saving design compared to Tabbed Reversal Brackets.

Thin Brackets  
**HBLSS8-45**

Thin Brackets  
**HBLSD8-45**

Part Number	Mass (g)	Applicable Screw, T Nut		Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
		Screw	T Nut			
HBLSS8-45	52	CBM8-25	2 HNTT8-8	2	1666	
HBLSD8-45	175	CBM8-25	4 HNTT8-8	4	2352	

Ordering Example  
Part Number: HBLSS8-45

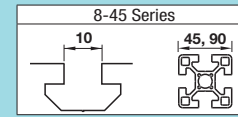
Alterations  
Part Number: HBLSS8-45 (SET, SST, SEU, SSU, SEP, SSP)

Alterations	Code	Spec.	Applicable Bracket
Applicable Screws and Nuts Set	SET	Applicable screws and nuts for fixing the brackets on extrusions come in a set. (Adds to the bracket price)	HBLSS8-45
	SST		
Applicable Screws and Nuts Set	SEU	(Pre-Assembly Insertion Spring Nuts)	HBLSD8-45
	SSU	(Pre-Assembly Insertion Spring Nuts Stainless Steel)	
	SEP	(Post-Assembly Insertion Spring Nuts)	
	SSP	(Post-Assembly Insertion Spring Nuts Stainless Steel)	
		<When SET is specified> Screw: CBM8-25, Nut: HNTT8-8	
		<When SST is specified> Screw: SCB8-25, Nut: HNTTSM8-8	
		<When SEU is specified> Screw: CBM8-25, Nut: HNTU8-8	
		<When SSU is specified> Screw: SCB8-25, Nut: SHNTU8-8	
	<When SEP is specified> Screw: CBM8-25, Nut: HNTTP8-8		
	<When SSP is specified> Screw: SCB8-25, Nut: SHNTP8-8		

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

# Plate Brackets / Angled Brackets

## For 8-45 Series (Slot Width 10mm) Aluminum Extrusions



■ Features: Direct screw-on brackets to use on tapped extrusions.

Plate Brackets  
**HBLPL8**

Material: SS400 Surface Treatment: Electroless Nickel Plating RoHS10

Example  
HBLPL8-9090

Add tapping at the end of extrusion and fix the plate bracket using four counterbores at the center.

Part Number	Extrusion	Z1	Z2	Mass (g)	Unit Price (1-99 pc(s))	Volume Discount Rate (10-50)
		Applicable Screw	Applicable Screw			
HBLPL8	9090	M8	M8	1,490		

Ordering Example  
Part Number: HBLPL8 - 9090

Alteration	Code	Spec.
Through Hole	DC	Adds a through hole. DC=Hole Dia. 1 mm Increment $\Phi 10 \leq DC \leq 20$ Ordering Code: DC12

■ Features: Brackets to connect extrusions at angles.

Angled Brackets  
**HBL45TS8**

Material: A6N01SS-T5 Surface Treatment: Anodize

**HBL135TS8**

Part Number	Mass (g)	Applicable Screw, T Nut		Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-200)
		Screw	T Nut			
HBL45TS8	88	CBM8-20	2 HNTT8-8	2	2058	
HBL135TS8	103	CBM8-20	2 HNTT8-8	2	2058	

Ordering Example  
Part Number: HBL45TS8

Example  
HBL45TS8

HFS8-4040-300-RCT45  
45 Degree Cutting of the Extrusion Edge Face

Alterations	Code	Spec.	Applicable Bracket
Applicable Screws and Nuts Set	SET	Applicable screws and nuts for fixing the brackets on extrusions come in a set. (Adds to the bracket price)	HBL45TS8
	SST		
Applicable Screws and Nuts Set	SEU	(Pre-Assembly Insertion Spring Nuts)	HBL135TS8
	SSU	(Pre-Assembly Insertion Spring Nuts Stainless Steel)	
	SEP	(Post-Assembly Insertion Spring Nuts)	
	SSP	(Post-Assembly Insertion Spring Nuts Stainless Steel)	
		<When SET is specified> Screw: CBM8-25, Nut: HNTT8-8	
		<When SST is specified> Screw: SCB8-25, Nut: HNTTSM8-8	
		<When SEU is specified> Screw: CBM8-25, Nut: HNTU8-8	
		<When SSU is specified> Screw: SCB8-25, Nut: SHNTU8-8	
	<When SEP is specified> Screw: CBM8-25, Nut: HNTTP8-8		
	<When SSP is specified> Screw: SCB8-25, Nut: SHNTP8-8		

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)	HBL45TS8 HBL135TS8

Alterations	Code	Spec.	Applicable Bracket
Counterbored Holes on 135 Degree Bracket	Z8	135 Degree Bracket 2 Counterbore holes for HBL135TS8 (Applicable Screws: M8)	HBL135TS8

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