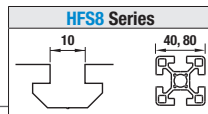
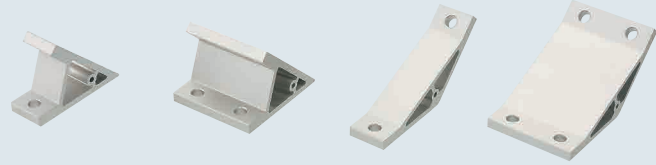


# Thin Brackets

Slot Type: HFS8 Series (Aluminum Extrusions 40, 80 Square)

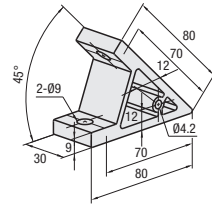


## Angled Brackets

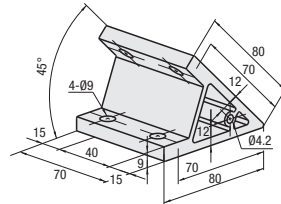


Type	Material	Surface Treatment
HBL45T 8	AGN01SS-T5	Anodize
HBL135T 8	Aluminum Alloy	

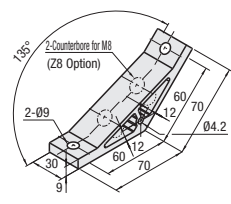
### HBL45TS8



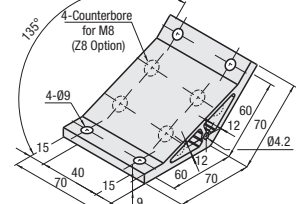
### HBL45TD8



### HBL135TS8



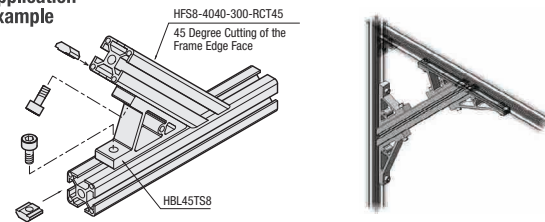
### HBL135TD8



Part Number	Mass (g)	Applicable Screw / T Nut			Allowable Load (N)
		Screw	Qty.	T Nut Qty.	
HBL45TS8	88	CBM8-20	2	2	2058
HBL45TD8	204		4	4	2940
HBL135TS8	103		2	2	2058
HBL135TD8	240		4	4	2940



### Application Example



Part Number Example	Part Number
	HBL45TS8

Part Number Alterations	Part Number	(C, SET, SST, SEU, SSU, SEP, SSP, Z8)
	HBL45TS8	SET

Alterations	Code	Spec.	Applicable Brackets
Mounting Hole Alteration for Cover	C	Adds taps on a bracket for cover mounting. (M5 on Both Sides, Depth 15 mm) (Mounting screw P2861 HCBM)	HBL45TS8 HBL135TS8
135° Bracket Counterboring	Z8	135° Bracket Adds two counterbored holes on HBL135T_8. (Applicable screw: M8) ⚠ Not available in combination with Applicable Screws and Nuts.	HBL135TS8 HBL135TD8

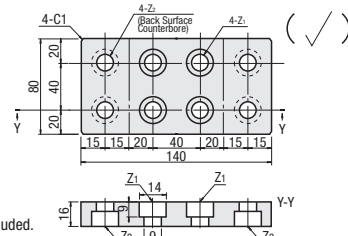
Alterations	Code	Spec.	Applicable Brackets	
Applicable Screws & Nuts Set	SET	Applicable screws and nuts for fixing the brackets on extrusions come in a set.	HBL45TS8	
	SST	Stainless Steel		
	SEU	Pre-Assy. Insertion Spring Nuts	HBL45TD8	
	SSU	Pre-Assy. Insertion Spring Nuts Stainless Steel		
	SEP	Post-Assy. Insertion Spring Nuts	HBL135TS8	
	SSP	Post-Assy. Insertion Spring Nuts Stainless Steel		
	⚠ When specifying other than HBL45TS8, check for the applicable screws and nuts.		HBL135TD8	
	Code		Screws	Nuts
	SET		CBM8-15	HNTT8-8
	SST		SCB8-15	HNTTSN8-8
SEU		CBM8-15	HNTU8-8	
SSU		SCB8-15	SHNTU8-8	
SEP		CBM8-15	HNTP8-8	
SSP		SCB8-15	SHNTP8-8	

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

## Plate Brackets



### HBLPL8

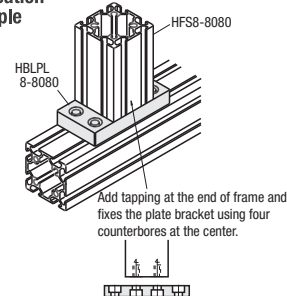


\* Screws are not included.

Type	Material	Surface Treatment
HBLPL8	1018 Carbon Steel or Equivalent	Electroless Nickel Plating



### Application Example



Part Number	Extrusions	Z <sub>1</sub>	Z <sub>2</sub>	Mass (g)
		Applicable Screw		
HBLPL8	8080	M8	M8	1240

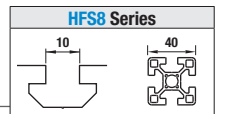
Part Number Example	Part Number	Extrusions
	HBLPL8	8080

Part Number Alterations	Part Number	Extrusions	(DC)
	HBLPL8	8080	DC20

Alteration	Code	Spec.
Through Hole	DC	Add a through hole. DC=Hole Dia. 1 mm Increment ⚠ 10≤DC≤20 Ordering Code: DC12

# Corner Brackets

Slot Type: HFS8 Series (Aluminum Extrusions 40, 80 Square)



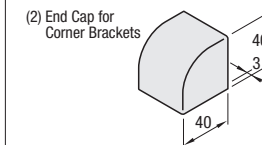
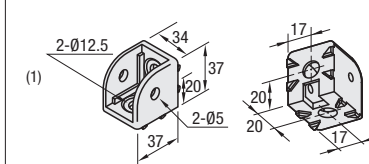
Features: Brackets to connect end-tapped extrusions in 2 and 3-ways, also functions as an end cap.

## Corner Bracket Set



Type	Material	Surface Treatment
HBLCS8	(1) Aluminum Casting Alloy ADC12 (2) Polyamide	—
HBLCR8	(1) AG40A Zinc Alloy (2) Polyamide	Trivalent Chromate
HBLCD8	(1) CF-8 Stainless Steel Cast (2) Polyamide	—

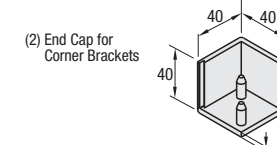
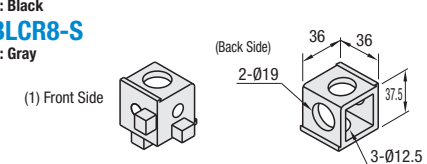
## Two-Way Type HBLCS8-B



Accessories: Hex Socket Head Cap Screw 2 pcs. included

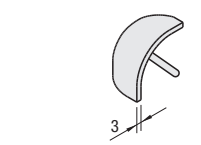
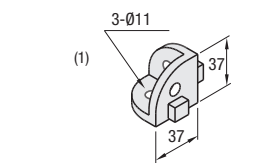
## Three-Way Type HBLCR8-B

Cap: Black  
HBLCR8-S  
Cap: Gray



Accessories: Button Head Cap Screws 3 pcs.  
⚠ As HBLCR8-□ is zinc die cast, use it under 100°C

## HBLCD8-S



Accessories: Button Head Cap Screws 3 pcs.

Part Number	Mass (g)	Included Screw		Allowable Load (N)
		Screw	Quantity	
HBLCS8-B	64	CBS12-30	2	800
HBLCR8-B	84	CBS12-30	3	1623
HBLCR8-S	84			1623
HBLCD8-S	64	Button Head Cap Screw M12 x 30	3	3026

Part Number Example	Part Number
	HBLCS8-B



### Application Example

