Panel Brackets - Plastic / Panel Clamping Brackets

Panel Brackets
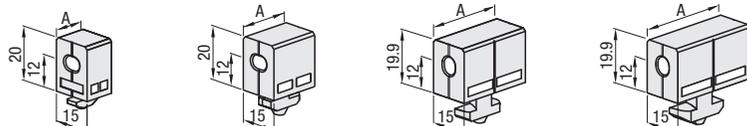## Aluminum Type

■ Panel Brackets - Plastic

**HCBR5** (Light Gray)
HCBRB5 (Black)

HCBR6 (Light Gray)
HCBR6S (Light Gray)
HCBRB6 (Black)
HCBRB6S (Black)

HCBR8 (Light Gray)
HCBRB8 (Black)

**HCBR8-45** (Light Gray)
HCBRB8-45 (Black)

M5 insert nut is included inside. Use M5 screw with length 15 to attach panels.

Example
Since Plastic Type HCBR5 has an eccentric T-shaped stopping part, it can be used for both panels with thickness 5mm and 3mm.

Difference between the Extrusion Side and Attachment Face
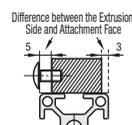
■ Plastic Type Mounting Method
Easy installation by inserting the T-shaped stopping part into the slot and turning 90.
Use mounting screws with L dimension 15 for plastic types.

M Material: Polyamide   RoHS 10

Ordering Example
Part Number
HCBR6
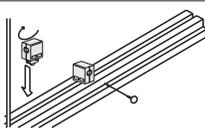
Part Number		Mass	A	Difference between the Extrusion Side and Attachment Face	Unit Price	Volume Discount Rate
Type	No.				1 ~ 9 pc(s).	10
HCBR HCBRB	5	4.3	12	3 or 5		
	6	6.8	20	5		
	6S	6.0	24	3		
	8	10.9	30	5		
	8-45*	13.2	35	5		

* Select No. 8 for 45 Square Light type (HFSL8-45) series.

■ Panel Clamping Brackets

HCBS5   **HCBS6**   **HCBS8**

M Material: Polyamide   RoHS 10
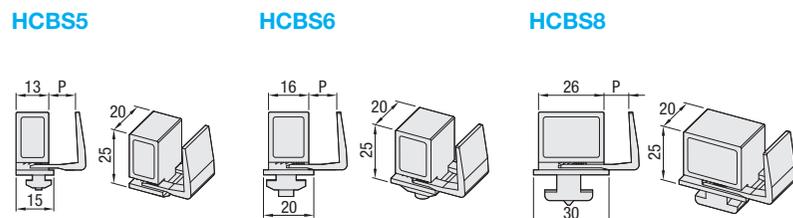
HCBS8 is commonly used for 8 Series and 8-45 Series.   Panel thickness is adjustable by moving P part.

Part Number		Mass	P Applicable Panel Thickness	Unit Price	Volume Discount Rate
Type	No.			1 ~ 9 pc(s).	10
HCBS	5	2.6	3~5		
	6	3.9			
	8	6.3			

Ordering Example
Part Number
HCBS8

■ How to Mount Panel Clamps
① Connection with Extrusion
Easy installation by inserting the T-shaped stopping part into the slot and turning 90.
② Connection with Panel
As shown on the right, insert a panel into P part and push the moving part against the panel. Hole machining on the panel is not necessary.
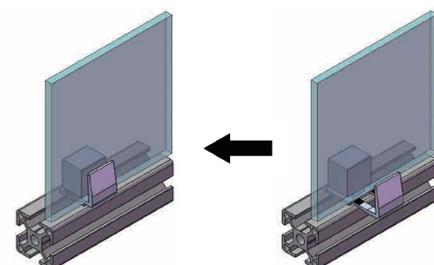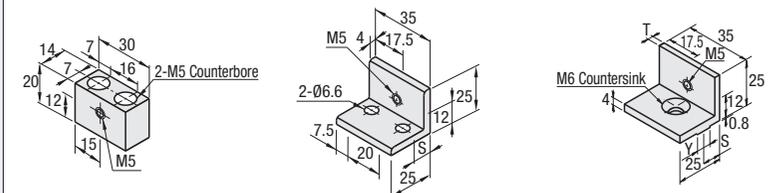
Example

■ Panel Brackets - Aluminum

HCBA5
HCBAB5 (Black Anodize)

HCBA6
HCBA6S
HCBA8
HCBAB6 (Black Anodize)
HCBAB6S (Black Anodize)
HCBAB8 (Black Anodize)

HCBAN6 (1-Point Stopper Type)
HCBAN8 (1-Point Stopper Type)

M Material: A6063S-T5
S Surface Treatment: Anodize

Ordering Example
Part Number
HCBA6

Part Number		Mass	Difference between the Extrusion Side and Attachment Face	S	T	Y	Screw, Nut				Unit Price	Volume Discount Rate
Type	No.						Screw	Quantity	Nut	Quantity	1 ~ 9 pc(s).	10~200
HCBA	5	19	3	-			CBM5-20		HNTT5-5			
	6		5	10			CBM6-12	2	HNTT6-6	2		
	6S	17	3	12								
	8*		5*2	15			CBM6-15		HNTT8-6			
HCBAB (Black Anodize)	5	19	3	-	-	-	CB5-20		HNTT5-5			
	6		5	10			CB6-12	2	HNTT6-6	2		
	6S	17	3	12								
	8*		5*2	15			CB6-15		HNTT8-6			
HCBAN (1-Point Stopper Type)	6	18	5	10	3	7.8	HFBCM6-12	1	HNTT6-6	1		
	8		5*2	15	4	9.8	HFBCM6-15	1	HNTT8-6	1		

8* is used in common with 8-45.   5*2 is for 40 square aluminum extrusions.
Use Panel Mounting Screws (P.787) for panel mounting.

Alterations
Part Number	-	(SET)
HCBA6	-	SET

Alteration	Code	Spec.	Bracket	Screw, Nut					
				For Extrusion Fitting				For Panel Fitting	
				Screw	Quantity	Nut	Quantity	Screw	Quantity
Applicable Screw and Nut Set	SET	Applicable screws and nuts come in a set.	HCBA5	CBM5-20		HNTT5-5		HCBM5-10 (P.787)	
			HCBA6 HCBA6S	CBM6-12		HNTT6-6			
			HCBA8	CBM6-15	2	HNTT8-6	2		
			HCBAB5	CB5-20		HNTT5-5		HCBMB5-10 (P.787)	1
		When SET is specified, the product is not RoHS compliant.	HCBAB6 HCBAB6S	CB6-12		HNTT6-6			
			HCBAB8	CB6-15		HNTT8-6			
			HCBAN6	HFBCM6-12	1	HNTT6-6	1	HCBM5-10 (P.787)	
			HCBAN8	HFBCM6-15	1	HNTT8-6	1		

Example

Example of HCBA

Example of HCBAN

HCBM5-10
HFBCM6-12
5mm Thickness Panel
HFS6-3030
HNTT6-6
Protrusion prevents rotation.
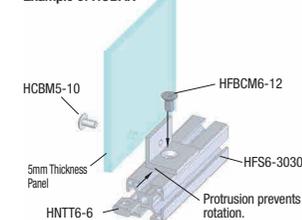
■ Panel Brackets Length Configurable Aluminum Long

HCBAL6
HCBAL6S
HCBAL8

M Material: A6063S-T5
S Surface Treatment: Anodize   RoHS 10
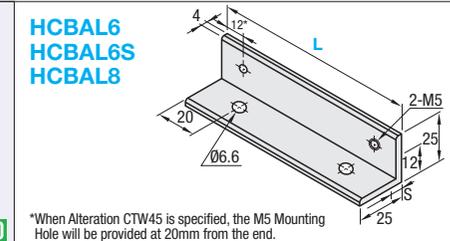
*When Alteration CTW45 is specified, the M5 Mounting Hole will be provided at 20mm from the end.

Example
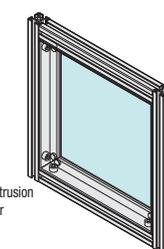
The clearance between the extrusion and panel can be filled. Use for reinforcements also.

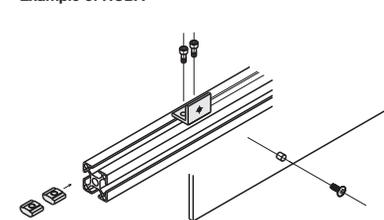| Part Number		L 1mm Increment	Difference between the Extrusion Side and Attachment Face	S	Screw, Nut				Unit Price					
Type	No.				Screw	Quantity	Nut	Quantity	L50~300	L301~700	L701~1100	L1101~1500	L1501~2000
HCBAL	6	50~2000	5	10	CBM6-12	2	HNTT6-6	2					
	6S		3	12									
	8*		5*2	15	CBM6-15		HNTT8-6						

8* is used in common with 8-45.   5*2 is for 40 square aluminum extrusions.
Use Panel Mounting Screws (P.787) for panel mounting.

Ordering Example
Part Number	-	L
HCBAL6	-	1000

Alterations
Part Number	-	L	-	(CTW45, MH)
HCBAL6	-	500	-	CTW45
HCBAL8	-	700	-	MH

Alteration	Code	Spec.
Panel Brackets - Aluminum Long Cut 45 Degrees on Upper Slot	CTW45	Cuts in 45 degrees on both ends of Panel Brackets - Aluminum Long Type. ■ Mounting Example 45°
One Mounting Hole Addition	MH	Adds one M5 mounting hole on the middle of L Dimensions.

Caution: Cut edges are sharp.