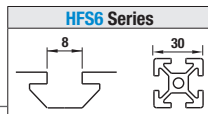


# Corner Brackets / Corner Blind Brackets

Slot Type: HFS6 Series (Aluminum Extrusions 30 Square)



Features: A bracket can connect extrusions in 2 and 3-ways.

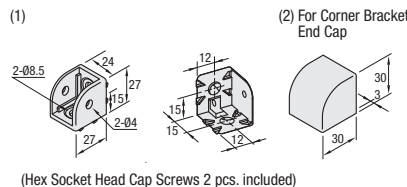
## Corner Bracket Set



Type	Material	Surface Treatment
HBLCS6	(1) Aluminum Casting Alloy ADC12	-
	(2) Polyamide	
HBLCR6	(1) AG40A Zinc Alloy	-
	(2) Polyamide	
HBLCD6	(1) CF-8 Stainless Steel Cast	-
	(2) Polyamide	

### Two-Way Type

#### HBLCS6-B

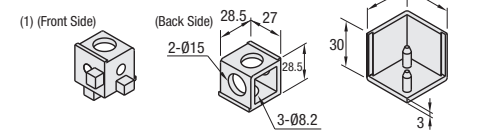


(Hex Socket Head Cap Screws 2 pcs. included)

### Three-Way Type

#### HBLCR6-B (Cap: Black)

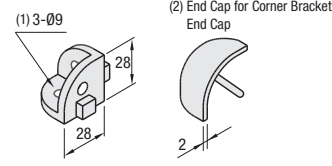
#### HBLCR6-S (Cap: Gray)



(Accessories: Button Head Cap Screws 3 Pcs.)

⚠ As HBLCR6- is zinc die cast, use it under 100°C.

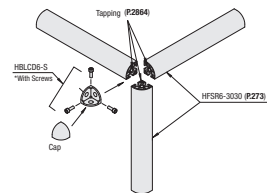
#### HBLCD6-S (Cap: Gray)



(Accessories: Button Head Cap Screws 3 pcs.)

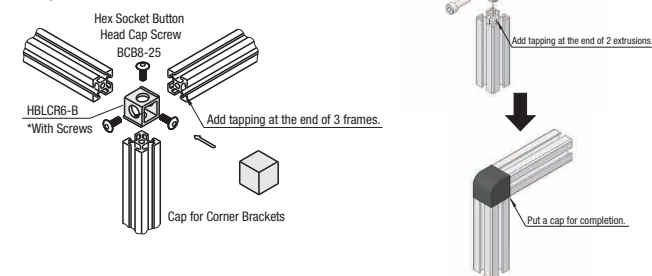
Part Number	Mass (g)	Changes Included Screw and Nut		Allowable Load (N)
		Screw	Qty.	
HBLCS6-B	27	SCB8-25	2	500
HBLCR6-B	59	BCB8-25	3	999
HBLCR6-S				
HBLCD6-S	45	Button Head Cap Screw M8 x 25	3	1862

Part Number Example: HBLCR6-B



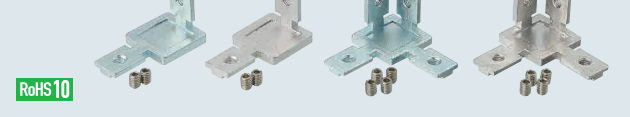
## Application Example

### Example: Corner Brackets HBLCR



Features: Brackets for internal connection without alterations, including function as frame end caps.

## Corner Blind Brackets



RoHS10

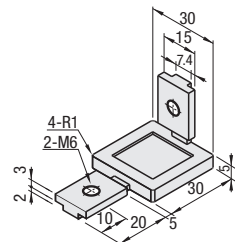
### Two-Way Type

#### HBLBCA6

#### SHBLBCA6

(Stainless Steel)

⚠ Not applicable to Aluminum Extrusions 50, 60 Square.



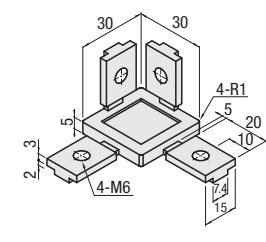
### Three-Way Type

#### HBLBCB6

#### SHBLBCB6

(Stainless Steel)

⚠ Not applicable to Aluminum Extrusions 50, 60 Square.

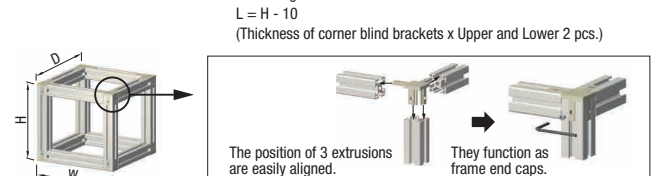


Part Number	Mass (g)	Changes Included Screw and Nut		Allowable Load (N)
		Screw	Qty.	
HBLBCA6	53	Set Screw M6 x 8	2	500
SHBLBCA6 (Stainless Steel)				
HBLBCB6	71	Set Screw M6 x 8	4	1000
SHBLBCB6 (Stainless Steel)				

Part Number Example: SHBLBCA6

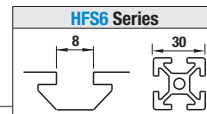
## Application Example

### Example: Corner Blind Bracket



# 90° Curved Aluminum Extrusions for Corner

Slot Type: HFS6 Series (Aluminum Extrusions 30 Square)



Features: Formed Aluminum Extrusions with a 140 mm R.

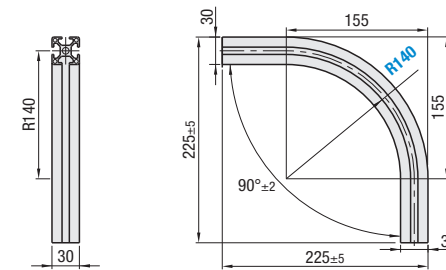
## 90° Curved Aluminum Extrusions for Corner



⚠ The slot shape may change during the bending process, resulting in narrow slot width.

Type	Material	Surface Treatment
HFSMGQ	A6N01SS-T5 Aluminum Alloy	Anodize

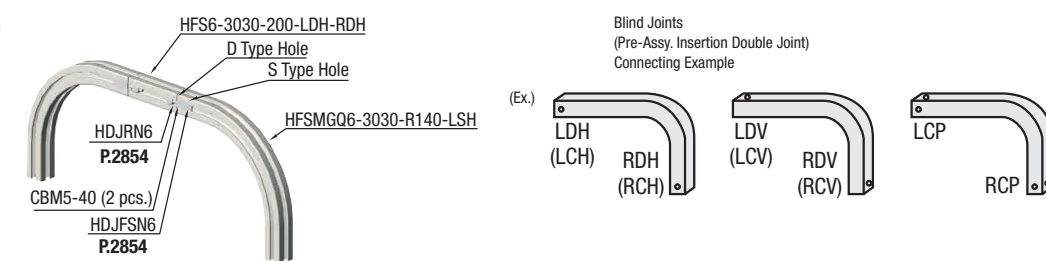
HFSMGQ



Part Number	R	Slot Width	Mass kg	Sectional Area mm²	Cross Sectional Moment of Inertia mm⁴	
					Ex	Ey
HFSMGQ6-3030	140	8	0.8	333	2.83 x 10⁴	2.83 x 10⁴

Part Number Example: HFSMGQ6-3030 - R140

## Application Example



Part Number Alterations: HFSMGQ6-3030 - R140 - LTP, RTP, TPW... etc.

Alterations	Tap (P.2864)			D Hole (P.2871)				M Hole (P.2873)				S Hole (P.2872)				Wrench Hole (P.2866)					
	LTP	RTP	TPW	LDH	LDV	RDH	RDV	LMH	LMV	RMH	RMV	LSH	LSV	RSH	RSV	LCH	LCV	LCP	RCH	RCV	RCP
Code	Tapping to the center hole.			Adds D type hole in specified position.				Adds M type hole in specified position.				Adds S type hole in the specified position.				LCH, RCH: Wrench hole is machined on the left (bottom) of the extrusion from the horizontal direction.					
Spec.	Tap Shape M8 Depth 24 LTP: Tapping on the Left End Face RTP: Tapping on the Bottom End Face TPW: Tapping on the Both Ends			LDH, RDH: D hole is machined on the left (bottom) of the extrusion from the horizontal direction. Ex. LDH 				LMH, RMH: M hole is machined on the left (bottom) of the extrusion from the horizontal direction. Ex. LMH 				LSH, RSH: S hole is machined on the left (bottom) of the extrusion from the horizontal direction. Ex. LSH 				LCH, RCH: Wrench hole is machined on the left (bottom) of the extrusion from the horizontal direction. Ex. RCH 					
	Ex. LTP Tapped 			LDV, RDV: D hole is machined on the left (bottom) of the extrusion from the vertical (right) direction. Ex. RDV 				LMV, RMV: M hole is machined on the left (bottom) of the extrusion from the vertical (right) direction. Ex. RMV 				LSV, RSV: S hole is machined on the left (bottom) of the extrusion from the vertical (right) direction. Ex. RSV 				LCV, RCV: Wrench hole is machined on the left (bottom) of the extrusion from the vertical (right) direction. Ex. LCV 					
																LCP, RCP: Wrench hole is machined on the left (bottom) of the extrusion from the vertical (right) direction. Ex. LCP 					