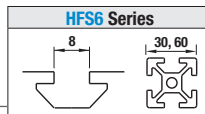
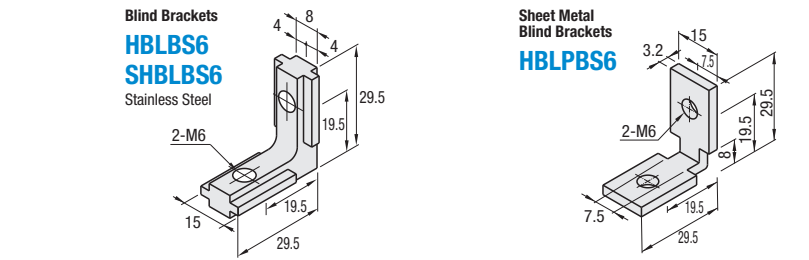
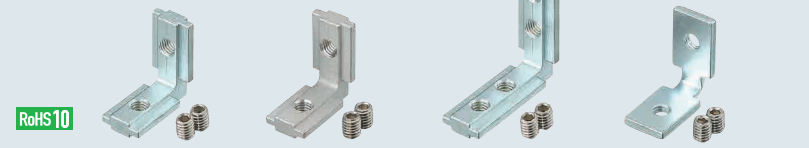


# Blind Brackets / Post-Assembly Insertion

Slot Type: HFS6 Series (Aluminum Extrusions 30, 60 Square)

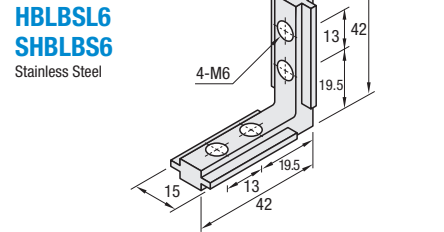


## Blind Brackets

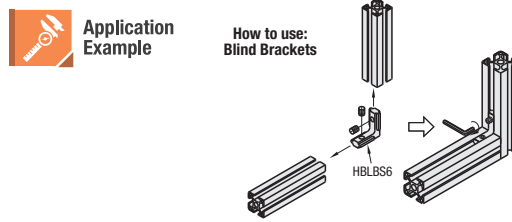


Type	Material	Surface Treatment
HBLBS6	1045 Carbon Steel or Equivalent	Trivalent Chromate
HBLBSL6	1045 Carbon Steel or Equivalent	Trivalent Chromate
SHLBS6	CF-8 Stainless Steel Cast	—
SHLBSL6	CF-8 Stainless Steel Cast	—
HBLPBS6	Low Carbon Steel	Trivalent Chromate

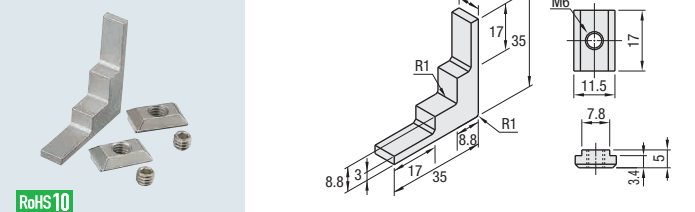
## Blind Brackets – Long Type



Part Number Type	Mass (g)	Changes Included Screw & Nut		Allowable Load (N)
		Screw	Qty.	
HBLBS6	30	Set Screw M6 x 8	2	686
SHLBS6 (Stainless Steel)	30		2	686
HBLBSL6	38		4	957
SHLBSL6 (Stainless Steel)	38		4	957
HBLPBS6	16		2	500

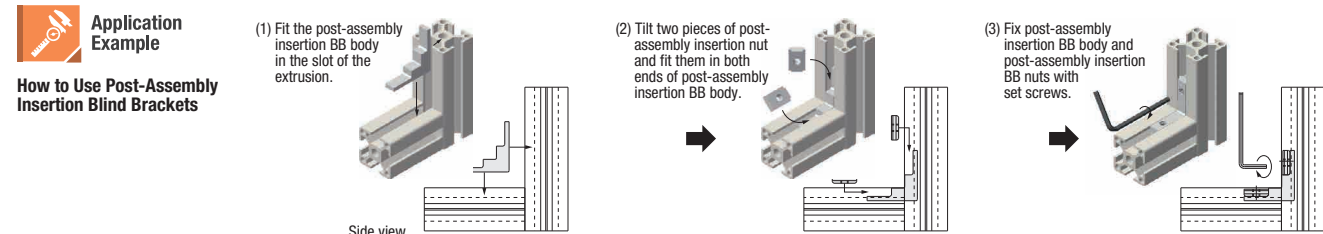


## Post-Assembly Insertion Blind Brackets

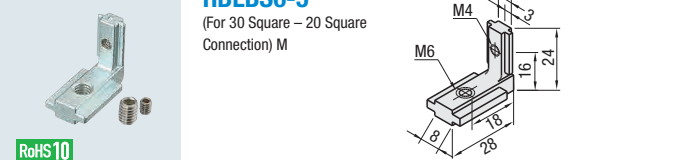


Type	Components	Material	Surface Treatment
HABLBS6	Post-Assembly Insertion BB Body	CF-8 Stainless Steel Cast	—
	Post-Assembly Insertion BB Nut	304 Stainless Steel (Sintered)	
	Set Screw	304 Stainless Steel	

Part Number Type	Mass (g)	Changes Included Screw & Nut		Allowable Load (N)
		Screw	Quantity	
HABLBS6	28	Nut, Set Screw M6 x 5	2	500



## Blind Brackets



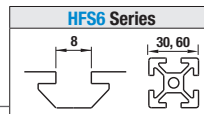
Type	Material	Surface Treatment
HBLBS6-5	1045 Carbon Steel or Equivalent	Trivalent Chromate

Part Number Type	Mass (g)	Extrusion Series	Changes Included Screw & Nut	
			Screw	Qty.
HBLBS6-5	20	HFS6 and HFS5	Set Screw M4x5	1
			Set Screw M6x8	1



# Free Angle Brackets

Slot Type: HFS6 Series (Aluminum Extrusions 30, 60 Square)

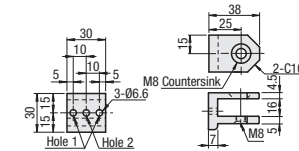


## Free Angle Brackets



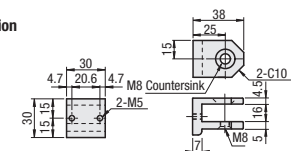
### Extrusion Side Face Connection Type

**HBLTBA30**  
(An order of quantity 1 includes 1 pc.)



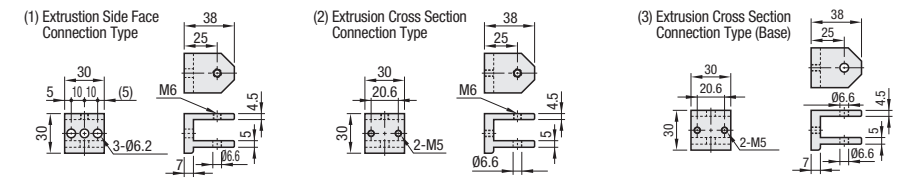
### Extrusion Cross Section Connection Type

**HBLTBBN30**  
(An order of quantity 1 includes 1 pc.)



### Clamp Lever Type

**HBLTBC30** (An order of quantity 1 includes 1 pc. each of (1) and (3).)  
**HBLTBD30** (An order of quantity 1 includes 1 pc. each of (2) and (3).)



Type	Material	Surface Treatment
HBLTBA30 HBLTBBN30 HBLTBC30 HBLTBD30	A6N01SS-T5 Aluminum Alloy	Anodize
Included Screw	4137 Alloy Steel	Trivalent Chromate

Part Number Type	Applicable Extrusion	Mass (g)	Accessories	Quantity
HBLTBA30	30 Square (HFS6)	33	M8 x 12	1
HBLTBBN30		35		
HBLTBC30		86	CLDMC6-32-M	1
HBLTBD30		88		

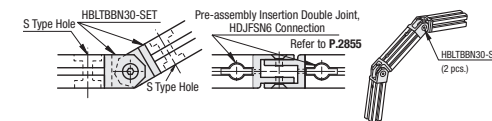
Part Number Alterations	Part Number	Part Number
HBLTBA30	-	SET2
HBLTBBN30	-	SET

Alterations	Code	How to use	Part Number				Accessories		
			Type	No.	Screw	Qty.	Nuts / Pre-Assembly Insertion Double Joints	Qty.	
Applicable Screws & Nuts Set	SET	Use the hole 1	HBLTBBN	30	CBM5-25	2	HDJFSN6	1	
	SET1		HBLTBA	30	CBM6-15	2	HNTT6-6	2	
	SET2		HBLTBA	30	CBM6-15	1	HNTT6-6	1	
	SET3		HBLTBC	30	CBM5-25	2	HDJFSN6	1	
	SET4		HBLTBC	30	CBM6-15	2	HNTT6-6	2	
SET5	HBLTBD	30	CBM5-25	2	HDJFSN6	1			
						CBM6-15	1	HNTT6-6	1
						CBM5-25	4	HDJFSN6	2

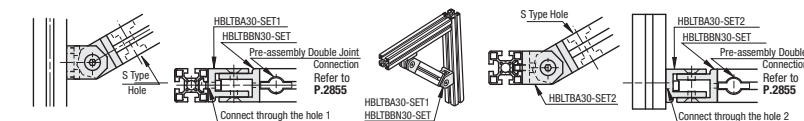
When connecting with Pre-Assembly Insertion Double Joints, S type hole machining is required on extrusions. (Refer to P.2872) Ⓢ Not RoHS compliant when -SET1 is specified.



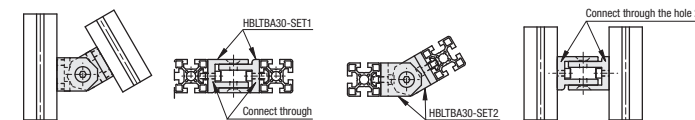
**(1) Connection of Two End Sections**  
Two pieces of HBLTBBN are used to connect two end sections using Pre-Assembly Insertion Double Joints (With Clamp Lever Type: HBLTBD30).



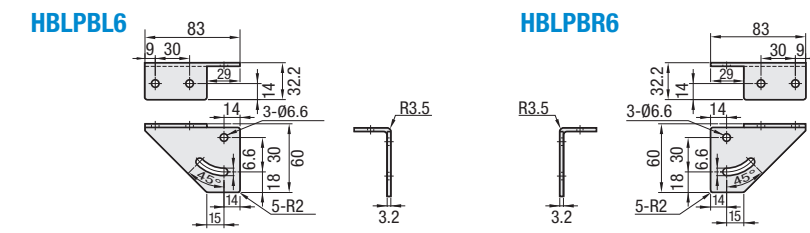
**(2) Connection of Two Side Faces**  
On the extrusion side face, connect with HBLTBA, a screw and a nut. On the end face, use 1 HBLTBBN for 1 HBLTBA using Pre-Assembly Insertion Double Joints (With Clamp Lever Type: HBLTBD30).



**(3) Connection of Two Side Faces**  
Two pieces of HBLTBA are used to connect them with extrusion side using screws and nuts.



## Free Angle Sheet Metal Brackets



Part Number Type	No.	Applicable Extrusion	Applicable Screw & Nut			
			Washer Integrated Hex Socket Head Cap Screws	Qty.	Nuts	
HBLPBL6 HBLPBR6	6	30 Square (HFS6)	CBST6-12	4	HNTT6-6	4



Alterations	Code	Spec.	Applicable Bracket
Set of Applicable Screws & Nuts	SET	Supplies a set of applicable screws and nuts for fixing the bracket to an extrusion.	HBLPBL6 HBLPBR6
Set with Applicable Screws, Nuts & Clamp Levers	SET1	Applicable Screws 3 pcs. Clamp Lever (LNP) 1 Pc. Flat Washer (PWF) 1 Pc. Applicable Nuts 4 Pcs. Set with the above items.	HBLPBL6 HBLPBR6