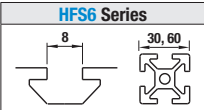


Blind Brackets / Post-Assembly Insertion

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



Blind Brackets

RoHS10

Blind Brackets
HBLBS6
SHBLBS6
Stainless Steel

Sheet Metal Blind Brackets
HBLPBS6

Blind Brackets – Long Type
HBLBSL6
SHBLBSL6
Stainless Steel

Type	Material	Surface Treatment
HBLBS6	1045 Carbon Steel or Equivalent	Trivalent Chromate
HBLBSL6		
SHBLBS6	CF-8 Stainless Steel Cast	—
SHBLBSL6		
HBLPBS6	Low Carbon Steel	Trivalent Chromate

Part Number Type	Mass (g)	Changes Included Screw & Nut		Allowable Load (N)
		Screw	Qty.	
HBLBS6	30	Set Screw M6 x 8	2	686
SHBLBS6 (Stainless Steel)				
HBLBSL6	38		4	957
SHBLBSL6 (Stainless Steel)				
HBLPBS6	16		2	500

Application Example

How to use: Blind Brackets

Post-Assembly Insertion Blind Brackets

RoHS10

HABLBS6

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

Application Example

How to Use Post-Assembly Insertion Blind Brackets

(1) Fit the post-assembly insertion BB body in the slot of the extrusion.

(2) Tilt two pieces of post-assembly insertion nut and fit them in both ends of post-assembly insertion BB body.

(3) Fix post-assembly insertion BB body and post-assembly insertion BB nuts with set screws.

Blind Brackets

RoHS10

HBLBS6-5
(For 30 Square – 20 Square Connection) M

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

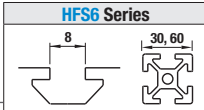
Part Number Type	Mass (g)	Extrusion Series	Changes Included Screw & Nut	
			Screw	Qty.
HBLBS6-5	20	HFS6 and HFS5	Set Screw M4x5	1
			Set Screw M6x8	1

Part Number Example

Part Number
HBLBS6

Free Angle Brackets

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



Free Angle Brackets

Extrusion Side Face Connection Type
HBLTBA30

Extrusion Cross Section Connection Type
HBLTBBN30

Clamp Lever Type
HBLTBC30 (1)+(3)
HBLTBD30 (2)+(3)

(1) Extrusion Side Face Connection Type with Clamp Lever

(2) Extrusion Cross Section Connection Type with Clamp Lever

(3) Extrusion Cross Section Connection Type with Clamp Lever (Base)


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

Part Number Type	Applicable Extrusion	Mass (g)	Accessories	Quantity
HBLTBA	30 Square (HFS6)	33	M8 x 12	1
HBLTBBN		35		
HBLTBC		86	CLDMC6-32-M	1
HBLTBD		88		

Part Number Example

Part Number
HBLTBA30

Application Example

	Part Number Alterations		Part Number	- (SET / SET1 / SET2 / SET3 / SET4 / SET5)				
			HBLTBA30 HBLTBBN30				SET2 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		HBLTBBN	30	CBM5-25	2	HDJFSN6	1
	SET1	Use the hole 1	HBLTBA		CBM6-15	2	HNTT6-6	2
	SET2	Use the hole 2			CBM6-15	1	HNTT6-6	1
	SET3	Use the hole 1	HBLTBC		CBM5-25	2	HDJFSN6	1
	SET4	Use the hole 2			CBM6-15	2	HNTT6-6	1
	SET5		HBLTBD		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

RoHS10

HBLPBL6

HBLPBR6

Material: Low Carbon Steel
Surface Treatment: Trivalent Chromate

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

Application Example

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