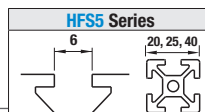


Blind Brackets / Post-Assembly Insertion Blind Brackets

Slot Type: HFS5 Series (Aluminum Extrusions 20, 25, 40 mm Square)



Features: No need for alterations to mount on extrusions. Brackets can be hidden inside of the slot.

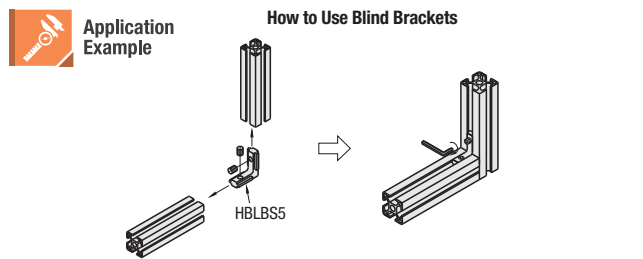
Blind Brackets

Blind Brackets / Long Type
HBLBSL5, SHBLBSL5 (Stainless Steel)

Type	Material	Surface Treatment
HBLBS5	1045 Carbon Steel or Equivalent	Trivalent Chromate
SHBLBS5	CF-8 Stainless Steel Cast	—
HBLBSL5	1045 Carbon Steel or Equivalent	Trivalent Chromate
HBLPBS5	Low Carbon Steel	Trivalent Chromate

Sheet Metal Blind Brackets
HBLPBS5

Part Number	Mass (g)	Changes Included Screw and Nut		Allowable Load (N)
		Screw	Qty.	
HBLBS5	11	Set Screw M4 x 5	2	196
SHBLBS5 (Stainless Steel)				
HBLBSL5	17	Set Screw M4 x 5	4	274
SHBLBSL5 (Stainless Steel)				
HBLPBS5	6	—	2	190



Features: Post-Assembly Insertion Type for Blind Brackets.

Post-Assembly Insertion Blind Brackets

RoHS 10

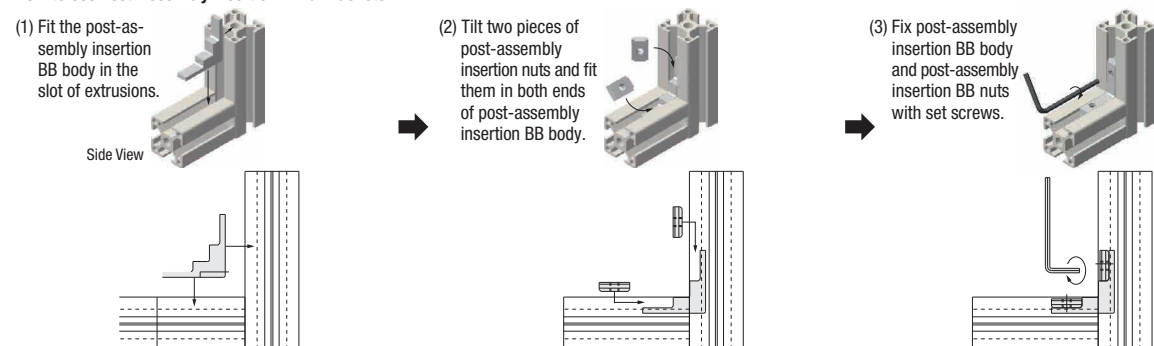
Type	Components	Material	Surface Treatment
HABLBS5	Post-Assembly Insertion BB Body	CF-8 Stainless Steel Cast	—
	Post-Assembly Insertion BB Nut	304 Stainless Steel (Sintered)	
	Set Screw	304 Stainless Steel	

HABLBS5

Part Number	Mass (g)	Changes Included Screw and Nut		Allowable Load (N)
		Screw	Qty.	
HABLBS5	11	Nut, Set Screw M4 x 3	2	190

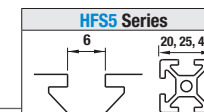
Part Number Example
Part Number: HABLBS5

Application Example
How to Use Post-Assembly Insertion Blind Brackets



Free Angle Brackets

Slot Type: HFS5 Series (Aluminum Extrusions 20, 25, 40 mm Square)



Features: Extrusions can be connected at any arbitrary angle.

Free Angle Brackets

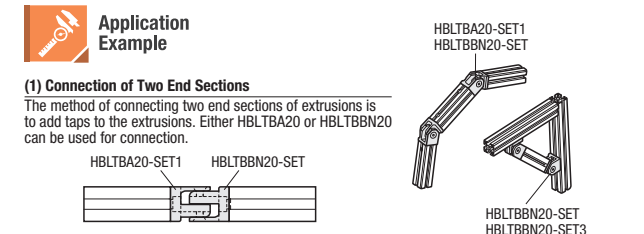
Type	Material	Surface Treatment
HBLTBA20	ADC12 Aluminum Alloy Cast	—
HBLTBBN20	4137 Alloy Steel	Trivalent Chromate

HBLTBA20

HBLTBBN20

Part Number	Applicable Extrusion	Mass (g)	Accessories: Hex Socket Flat Head Cap Screw (1 pc.)
HBLTBA20	20 Square (HFS5)	10.8	M4 x 6
HBLTBBN20			

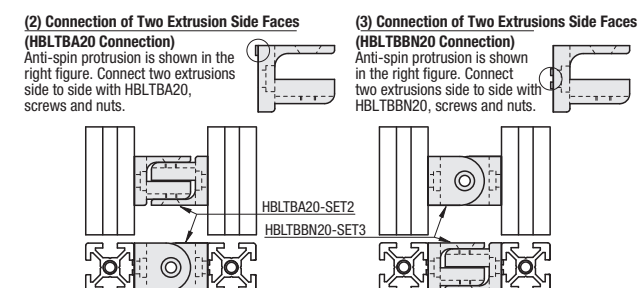
Part Number Example
Part Number: HBLTBA20



Part Number Alterations
Part Number: HBLTBA20, HBLTBBN20 - (SET / SET1 / SET2 / SET3)
SET2 SET

Alterations	Code	How to Use	Part Number	Accessories			
				Screw	Qty.	Nuts Pre-Assembly Insertion Double Joint	Qty.
Applicable Screws and Nuts Set	SET	End Section Mount	HBLTBBN20	CBM5-15	1	—	—
	SET1		HBLTBA20				
	SET2	Side Mount	HBLTBBN20	CBM5-8			

ⓘ When RoHS compliant WHEN -SET_ is specified.



Other Connection Methods

How to Mount	Name	Extrusion Applicability				Price Low: Excellent - Good - Acceptable: High ¹	Screw Fastening Locations ²	Alteration for Extrusions	Materials	Example	How to Mount
		HFS5 (20 Square)	HFS6 (30 Square)	HFS8 (40 Square)	HFS8 (45, 50, 60 Square)						
Blind Joints	Tapping Joint	Applicable			—	Excellent	One	Provided	SWCH Carbon Steel-18A		P.2844
	Screw Joint	—				Good			4137 Alloy Steel/ Low Carbon Steel		P.2845
	Center Joint			Applicable		Acceptable			1045 Carbon Steel or Equivalent/ 4137 Alloy Steel		P.2846
	Post-Assembly Double Joint	Applicable				Acceptable			CF-8 Stainless Steel Cast/ 304 Stainless Steel		P.2848
	Simple Joint			—	—	Good			1045 Carbon Steel or Equivalent/ 4137 Alloy Steel		P.2850
	Single Joint	—			Applicable	Good			1018 Carbon Steel or Equivalent/ 316 Stainless Steel Low Carbon Steel/304 Stainless Steel		P.2852
	Pre-Assembly Double Joint			Applicable		Acceptable			316 Stainless Steel/ 304 Stainless Steel		P.2854
	Parallel Joint	Applicable			—	Acceptable			SCSB/4137 Alloy Steel		P.2856

¹ The price is a sum of Bracket (Blind Joint) + Screw + Pre-Assembly Insertion Nut + Alteration.

² The number of screw tightening are compared on basis of each bracket (blind joint) under the connection of HFS6-3030 parts.