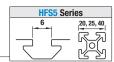
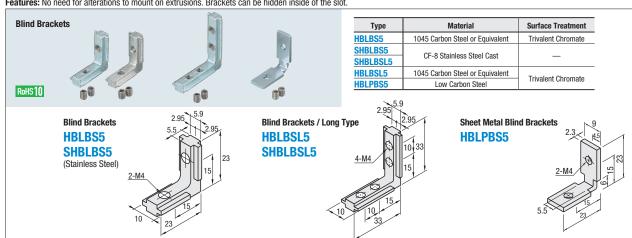
## **Blind Brackets / Post-Assembly Insertion Blind Brackets**



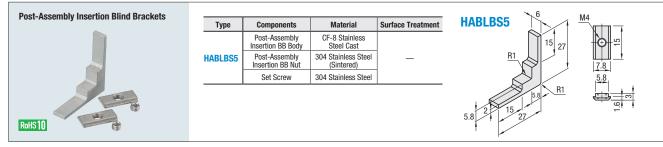


Features: No need for alterations to mount on extrusions. Brackets can be hidden inside of the slot.



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

Features: Post-Assembly Insertion Type for Blind Brackets.



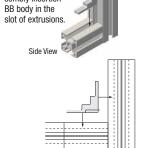
Application Example

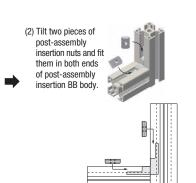


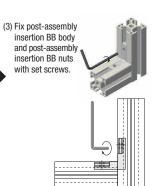












How to Use Blind Brackets

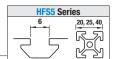
## **Free Angle Brackets**

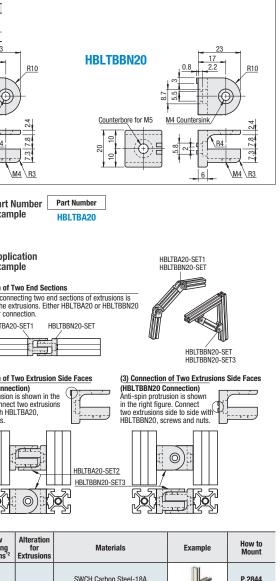
Slot Type: HFS5 Series (Aluminum Extrusions 20, 25, 40 mm Square)

atures:											
Free Ai	ngle Brackets	;		Type HBLTBA HBLTBB Included	20 ADC1	2 Aluminum	reatment 				
ROA STA				HBLTBA20			0.8 22 R10		HBLTBBN20		
						Prove for M5	M4 Countersink	₩2 100 100 100 100 100 100 100 10	Counterbore for M5	M4 Countersink	4 2 8 2 8 2 8 2 8 2 8 2 8 2 8 2 8 2 8 2
Part Nun	mber Ap	blicable trusion	Mass (g)		essories: Hex S lead Cap Screw		Part N Exam	lumber	Part Number		
HBLTBA HBLTBB	20 Sq	iare (HFS5)	10.8		M4 x 6				HBLTBA20		
- <b>-</b>	Part Numbe	er Part Nun	iber - (SET /	SET1 / SET2 / 5	SET3)	The		ple wo End Sect ecting two er trusions. Eith nection.	HB	ILTBA20-SET1 ILTBBN20-SET	
	Alterations	HBLTB/ HBLTBB	N20 -	SET2 SET						HBLTBBN20-SE HBLTBBN20-SE	T T3
										IDLI DDIVZU-3E	
Alteration		How to Use	Part Number Type	Screw Qty	Accessories V. Nuts Pre-As Insertion Dou	ible Joint Uty. (2) (HBI	Connection of T TBA20 Connec	tion)	(HBLTBBN20 Co	of Two Extrusions S	
Alteration Applica Screws Nuts S	able SET and Set SET2	How to Use End Section Mount Side Mount	Type HBLTBBN20 HBLTBA20	Screw Qty CBM5-15 CBM5-8	y. Nuts Pre-As Insertion Dou	uble Joint         Uty.         (L) (HBI            right           side         scre		<b>tion)</b> is shown in t two extrusio	he (HBLTBBN20 Co Anti-spin protrus	of Two Extrusions S onnection) sion is shown e. Connect side to side with	
Applica Screws Nuts S	able SET	End Section Mount Side Mount	Type HBLTBBN20 HBLTBA20 HBLTBBN20	CBM5-15	y. Nuts Pre-As Insertion Dou	uble Joint         Uty.         (L) (HBI            right           side         scre	TBA20 Connect spin protrusion figure. Connect to side with HBI	<b>tion)</b> is shown in t two extrusio	he h	of Two Extrusions S onnection) sion is shown e. Connect side to side with	
Applica Screws Nuts S	able and Set SET1 SET2 SET3	End Section Mount Side Mount HEN -SET_ is sp	Type HBLTBBN20 HBLTBA20 HBLTBBN20 Pecified.	CBM5-15 CBM5-8	y. Nuts Pre-As Insertion Dou	ible Joint Uy. (HS HB 	TBA20 Connect spin protrusion figure. Connect to side with HBI ws and nuts.	tion) is shown in t two extrusio TBA20,	HBLTBA20-SET2	of Two Extrusions 5 onnection) sion is shown e. Connect side to side with rews and nuts.	
Applica Screws Nuts S When Ro ther (	able SET SET SET2 SET3 OHS compliant W	End Section Mount Side Mount HEN -SET_ is sp	Type HBLTBBN20 HBLTBA20 HBLTBBN20 Pecified.	CBM5-15	y. Nuts Pre-As Insertion Dou	uble Joint         Uty.         (L) (HBI            right           side         scre	TBA20 Connect spin protrusion figure. Connect to side with HBI	<b>tion)</b> is shown in t two extrusio	HBLTBA20-SET2	of Two Extrusions 5 onnection) sion is shown e. Connect side to side with rews and nuts.	Side Fac
Applica Screws Nuts S When Ro ther (	Able and Set	End Section Mount Side Mount HEN -SET_ is sp on Metho HFS5	Type HBLTBBN20 HBLTBA20 HBLTBBN20 HBLTBBN20 becified.  ds Extrusion A HFS6	CBM5-15 CBM5-8 1 Applicability HFS8	y. Nuts Pre-As Insertion Dou HNTT5	ble Joint     Gray       (HB)     (HB)        right       side     side      5     1   Price Low: Excellent- Good-	TBA20 Connect spin protrusion figure. Connect to side with HBI ws and nuts.	tion) is shown in t two extrusion TBA20, TAA20, TAA	HBLTBA20-SET2 HBLTBBN20-SET3	of Two Extrusions 3 onnection) sion is shown re. Connect rews and nuts.	Side Factor
Applica Screws Nuts S When Ro ther (	Able SET Set SET SET2 SET3 OHS compliant W	End Section Mount Side Mount HEN -SET_ is sp on Metho HFS5 (20 Square)	Type HBLTBBN20 HBLTBA20 HBLTBBN20 HBLTBBN20 becified.  ds Extrusion A HFS6	CBM5-15 CBM5-8 1 CBM5-8 4 Pplicability HFS8 (40 Square)	y. Nuts Pre-As Insertion Dou HNTT5	ble Joint     Gy.     CC S       Hanti     Anti-	TBA20 Connect spin protrusion figure. Connect to side with HBI ws and nuts.	tion) is shown in t two extrusion TBA20, TAA20, TAA	HBLTBA20-SET2 HBLTBBN20-SET3 HBLTBBN20-SET3 Materials	of Two Extrusions 3 onnection) side to side with rews and nuts.	How Mou
Applica Screws Nuts S When Ro ther (	Able send set	End Section Mount     Side Mount     HEN -SET_ is sp     Metho     HFS5     (20 Square)     Applicable	Type HBLTBBN20 HBLTBA20 HBLTBBN20 HBLTBBN20 becified.  ds Extrusion A HFS6	CBM5-15 CBM5-8 1 Applicability HFS8	y. Nuts Pre-As Insertion Dou HNTT5	ble Joint     Gy.     (HB)       Anti-     Anti-       i-5     1   Price Low: Excellent- Good→ Acceptable: High"	TBA20 Connect spin protrusion figure. Connect to side with HBI ws and nuts.	tion) is shown in t two extrusion TBA20, TAA20, TAA	HBLTBBN20-SET2 HBLTBBN20-SET2 HBLTBBN20-SET3 HBLTBBN20-SET3 Materials SWCH Carbon Steel-18A 4137 Alloy Steel/	of Two Extrusions 3 onnection) side to side with rews and nuts.	How Mou P.28
Applica Screws Nuts S When Rc	Able and Set	End Section Mount     Side Mount     HEN -SET_ is sp      Metho     HFS5     (20 Square)     Applicable       Applicable	Type HBLTBBN20 HBLTBA20 HBLTBBN20 ecified.	CBM5-15 CBM5-8 1 CBM5-8 4 Pplicability HFS8 (40 Square)	Nuts Pre-As           Insertion Dou              HISS           HFS8 (45, 50, 60 Square)	ble Joint     Give     Grade       ble Joint     I     I       Image: Stress of the st	TBA20 Connect spin protrusion figure. Connect to side with HBI ws and nuts.	tion) is shown in ti two extrusion TBA20, TAA20, TAA20, TAA20, TAA20, TAA20, TAA20, TAA20, TAA20, TA	HBLTBA20-SET2 HBLTBBN20-SET3 HBLTBBN20-SET3 HBLTBBN20-SET3 HBLTBBN20-SET3 SWCH Carbon Steel-18A 4137 Alloy Steel/ Low Carbon Steel or Equivalent/	of Two Extrusions 3 onnection) side to side with rews and nuts.	Side Fac
Applica Screws Nuts S	Able and Set	End Section Mount     Side Mount     HEN -SET_ is sp      Metho     HFS5     (20 Square)     Applicable       Applicable	Type HBLTBBN20 HBLTBA20 HBLTBBN20 HBLTBBN20 becified.  ds Extrusion A HFS6	CBM5-15 CBM5-8 1 CBM5-8 4 Pplicability HFS8 (40 Square)	Nuts Pre-As           Insertion Dou              HISS           HFS8 (45, 50, 60 Square)	ble Joint     Give     (HB)       Image: ble definition     Image: ble definition     (HB)       <	TBA20 Connect spin protrusion figure. Connect to side with HBI ws and nuts.	tion) is shown in t two extrusion TBA20, TAA20, TAA	Image: Constraint of the system of the sy	of Two Extrusions 3 onnection) side to side with rews and nuts.	How Mou P.28 P.28 P.28
Applica Screws Nuts S When Rc	Able and Set	End Section Mount     Side Mount     HEN -SET_ is sp      Metho     HFS5     (20 Square)     Applicable       Applicable	Type HBLTBBN20 HBLTBA20 HBLTBBN20 ecified.	CBM5-15 CBM5-8 1 CBM5-8 4 Pplicability HFS8 (40 Square)	V. Nuts Pre-As Insertion Dou HINTTS HINTTS HIFSB (45, 50, 60 Square)  Applicable	Ible Joint     Uy.     (HB)       Ible Joint     Ible     (HB)       Ible     Ible     (Ible)	TBA20 Connect spin protrusion figure. Connect to side with HBI ws and nuts.	tion) is shown in ti two extrusion TBA20, TAA20, TAA20, TAA20, TAA20, TAA20, TAA20, TAA20, TAA20, TA	HBLTBBN20 CA Anti-spin protrus interview extrusions s HBLTBBN20, sci HBLTBBN20, sci HBLTBBN20-SET2 HBLTBBN20-SET3 HBLTBBN20-SET3 HBLTBBN20-SET3 HBLTBBN20-SET3 SWCH Carbon Steel-18A 4137 Alloy Steel/ Low Carbon Steel 1045 Carbon Steel or Equivalent/ 4137 Alloy Steel CF-8 Stainless Steel Cast/ 304 Stainless Steel	of Two Extrusions 3 onnection) side to side with rews and nuts.	How Mou P.28 P.28 P.28 P.28
Applica Screws Nuts S When Rc	able and set     SET       Set     SET       SET     SET       SET     SET       SCOMPLIANT W     SET         Connectic       Name         Tapping Joint       Screw Joint       Center Joint       Post-Assembly       Double Joint	End Section Mount     Side Mount     HEN -SET_ is sp      Metho     HFS5     (20 Square)     Applicable       Applicable	Type HBLTBBN20 HBLTBA20 HBLTBBN20 ecified.	CBM5-15 CBM5-8 1 CBM5-8 4 Pplicability HFS8 (40 Square)	Nuts Pre-As           Insertion Dou              HISS           HFS8 (45, 50, 60 Square)	bit Joint     div     (Hill Anti- right)         (Hill Anti- side screets)      5     1      5     1       Excellent - Good → Acceptable       Good       Acceptable       Acceptable       Good	TBA20 Connect spin protrusion figure. Connect to side with HBI ws and nuts.	tion) is shown in ti two extrusion TBA20, TAA20, TAA20, TAA20, TAA20, TAA20, TAA20, TAA20, TAA20, TA	Image: Constraint of the system of the sy	of Two Extrusions 3 onnection) sion is shown re. Connect rews and nuts.	

\*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.





Aluminum Extrusions & Brackets