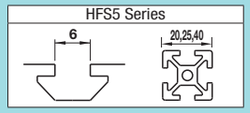
Extruded Brackets -for 1-slot-

-Slot Type: HFS5 Series (Aluminum Frames 20·25·40 Square)-

HFS5 Series



CAD Data

Features: Extruded Brackets with tabs to fit extrusions. Since the tabs stop rotating the brackets when tightening, improves work efficiency.

Thick Brackets (With Tab Type)

HBK _ _ series have tabs on the contact surfaces with extrusions.

RoHS

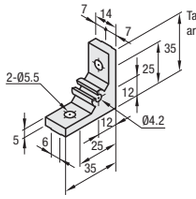
Type	Material	Surface Treatment
HBKTST5	EN AC-51400/ ALMGSI0,7-T5	Anodize
HBKTS5		
HBKTSB5		Black Anodize

HBKTST5 (Perpendicularly Machined)

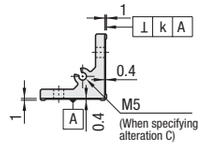
HBKTS5

HBKTSB5 (Black Anodize)

Part Number	Perpendicularity K
HBKTST5	0.03
HBKTS5 HBKTSB5* (Black Anodize)	0.06



Tabs for the aluminum extrusion slots are located on the bottom of brackets.



Part Number	Mass (g)	Applicable Screw · T Nut				Allowable Load (N)	€ Unit Price	Volume Discount
		Screw	Qty.	T Nut	Qty.		1~99 pcs.	100~
HBKTST5 HBKTS5 HBKTSB5* (Black Anodize)	15	CBM5-10	2	HNTT5-5	2	833		

* For repairing black anodizing, refer to **P.748**

Features: Aluminum Extruded Brackets. Excels in appearance.

Thick Brackets

RoHS

Type	Material	Surface Treatment
HBLTS5 (-4)	EN AC-51400/ ALMGSI0,7-T5	Anodize
HBLTSB5		Black Anodize
CHBLTS5		Clear Coating (Anodize + Clear Coating)

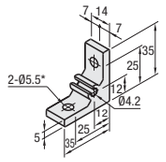
HBLTS5

HBLTS5-4 (For M4 Bolt)

HBLTSB5 (Black Anodize)

CHBLTS5 (Clear Coating)

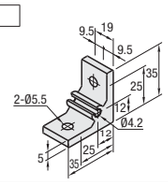
*HBLTS5-4 is Ø4.5.



25 Square

HBLTV5

HBLTVB5 (Black Anodize)



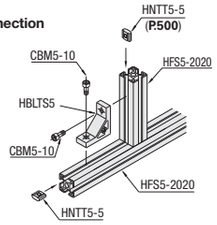
Part Number	Mass (g)	Applicable Screw · T Nut				Allowable Load (N)	€ Unit Price	Volume Discount
		Screw	Qty.	T Nut	Qty.		1~99 pcs.	100~
HBLTS5	15	CBM5-10	2	HNTT5-5	2	833		
HBLTS5-4 (For M4 Bolt)		CBM4-10		HNTT5-4				
HBLTSB5* (Black Anodize)		CBM5-10		HNTT5-5				
CHBLTS5 (Clear Coating)								
HBLTV5	20							
HBLTVB5* (Black Anodize)								

* For repairing black anodizing, refer to **P.748**

Example of Frame Connection

Connection with Thick Bracket

Example



Features: Numbers of screws are the same as HBKTS8. Extrusions can be connected more securely.

RoHS

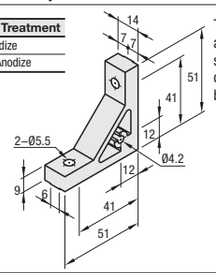
HBK _ _ series have tabs on the contact surfaces with extrusions.

Type	Material	Surface Treatment
HBKUS5	EN AC-51400/ ALMGSI0,7-T5	Anodize
HBKUSB5		Black Anodize

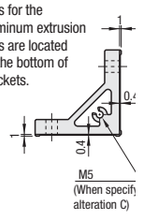
Ultra Thick Brackets (With Tab)

HBKUS5

HBKUSB5 (Black Anodize)



Tabs for the aluminum extrusion slots are located on the bottom of brackets.



Part Number	Mass (g)	Applicable Screw · T Nut				Allowable Load (N)	€ Unit Price	Volume Discount
		Screw	Qty.	T Nut	Qty.		1~99 pcs.	100~
HBKUS5 HBKUSB5* (Black Anodize)	31	CBM5-14	2	HNTT5-5	2	833		

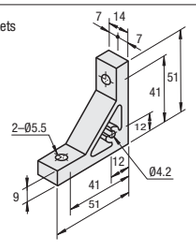
Features: Numbers of screws are the same as HBLTS8-45. Extrusions can be connected more securely.

RoHS

Type	Material	Surface Treatment
HBLUS5	EN AC-51400/ ALMGSI0,7-T5	Anodize

Ultra Thick Brackets

HBLUS5



Part Number	Mass (g)	Applicable Screw · T Nut				Allowable Load (N)	€ Unit Price	Volume Discount
		Screw	Qty.	T Nut	Qty.		1~99 pcs.	100~
HBLUS5	31	CBM5-14	2	HNTT5-5	2	833		

Features: Hole positions are eccentric. Can be combined with plates of 5mm and 3mm thickness when using taps for mounting covers.

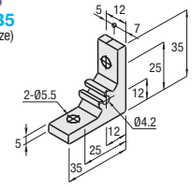
Eccentric Brackets

RoHS

Type	Material	Surface Treatment
HBLTH5	EN AC-51400/ ALMGSI0,7-T5	Anodize
HBLTHB5		Black Anodize

HBLTH5

HBLTHB5 (Black Anodize)

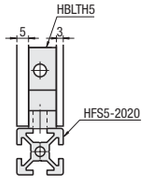


Part Number	Mass (g)	Applicable Screw · T Nut				Allowable Load (N)	€ Unit Price	Volume Discount
		Screw	Qty.	T Nut	Qty.		1~99 pcs.	100~
HBLTH5	15	CBM5-10	2	HNTT5-5	2	833		
HBLTHB5* (Black Anodize)								

* For repairing black anodizing, refer to **P.748**

Example

HBLTH5 and HBLTHB5 are eccentric. Can be combined with both cover plates of 5mm and 3mm thickness.



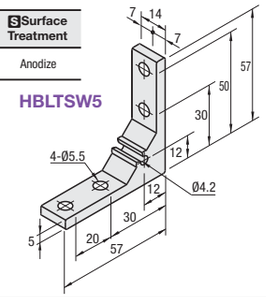
Features: Extruded Brackets with twice as many screws. Extrusions can be connected more securely.

Thick Brackets

RoHS

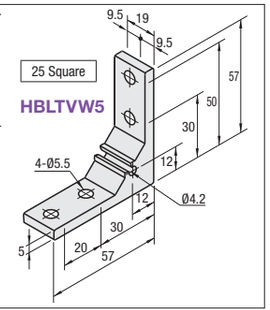
Type	Material	Surface Treatment
HBLTSW5 HBLTVW5	EN AC-51400/ ALMGSI0,7-T5	Anodize

HBLTSW5



25 Square

HBLTVW5



Part Number	Mass (g)	Applicable Screw · T Nut				Allowable Load (N)	€ Unit Price	Volume Discount
		Screw	Qty.	T Nut	Qty.		1~99 pcs.	100~
HBLTSW5	26	CBM5-10	4	HNTT5-5	4	1176		
HBLTVW5	36							

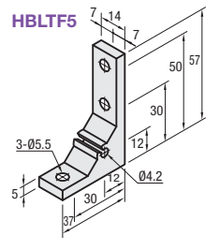
Features: Extruded Brackets Unequal Sides. Effective when strength is required in the narrow clearances between extrusions.

Scalene Brackets

RoHS

Type	Material	Surface Treatment
HBLTF5	EN AC-51400/ALMGSI0,7-T5	Anodize

HBLTF5



Part Number	Mass (g)	Applicable Screw · T Nut				Allowable Load (N)	€ Unit Price	Volume Discount
		Screw	Qty.	T Nut	Qty.		1~99 pcs.	100~
HBLTF5	21	CBM5-10	3	HNTT5-5	3	1004		

Order Example

Part Number

HBLTSW5

Days to Ship

6 Days P.87 2 Days

Alterations

Part Number - (C · SET · SST · SEU · SSU · SEP · SSP · SEC)

HBLTF5 - SET

Alterations	Code	Spec.	Applicable Brackets	Price Adder
Mounting Holes for Cover	C	Adds taps on a bracket for cover mounting. (M5 on Both Sides) (Mounting screw **P.644** HCBM)	HBLTS5	0,30
			HBLTS5-4	
			CHBLTS5	0,50
			HBLTV5	0,40
			HBLTVB5	
			HBLUS5	0,30
			HBKTS5	
			HBKUS5	
			HBLUS5	
			HBLTH5	
			HBLTHB5	
			HBLTSW5	
			HBLTVW5	0,40
			HBLTF5	0,30

Alterations	Code	Spec.	Applicable Brackets	Price Adder							
				SET	SST	SEU	SSU	SEP	SSP	SEC
Applicable Screws and Nuts come as a set.	SET (Stainless Steel) SEU (Pre-assy. Insertion Spring Nuts) SSU (Pre-assy. Insertion Spring Nuts Stainless Steel) SEP (Post-Assy. Insertion Spring Nuts) SSP (Pre-assy. Insertion Spring Nuts Stainless Steel) SEC (Captured Washer Screws Nuts)	Supplies a set of applicable screws and nuts for fixing the bracket to a extrusion. (Adds to the bracket price) (Ex.) When HBLTS5 is specified, Code / Screws / Nuts SET / CBM5-10 / HNTT5-5 SCB5-10 / HNTTBS5-5 SEU / CBM5-10 / HNTU5-5 SSU / SCB5-10 / SHNTU5-5 SEP / CBM5-10 / HNTP5-5 SSP / SCB5-10 / SHNTP5-5 SEC / HCBST5-12 / HNTT5-5 When specifying other than HBLTS5, check for the applicable screws and nuts.	HBLTS5	0,82	0,60	1,06	1,64	1,06	1,24	1,24
			HBLTS5-4							
			HBLTSB5	0,87	-	1,11	-	1,11	-	
			CHBLTS5	0,82	0,60	1,06	1,64	1,06	1,24	1,24
			HBLTV5							
			HBLTVB5	0,87	-	1,11	-	1,11	-	
			HBKTST5	0,82	0,60	1,06	1,64	1,06	1,24	1,24
			HBKTS5							
			HBKTSB5	0,87	-	1,11	-	1,11	-	
			HBLUS5	0,84	0,60	1,08	1,64	1,08	1,24	1,28
			HBKUS5							
			HBKUSB5	0,89	-	1,13	-	1,13	-	
			HBLTH5	0,82	0,60	1,06	1,64	1,06	1,24	1,24
			HBLTHB5	0,87	-	1,11	-	1,11	-	
			HBLTSW5	1,64	1,20	2,12	3,28	2,12	2,48	-
			HBLTVW5							
			HBLTF5	1,23	90	1,62	2,46	1,62	1,86	1,86

Screws for black anodized parts are HCBMTB (Trivalent Chromate Black). **P.641**

When -SET, -SEU or -SEP is specified, it is not RoHS compliant.