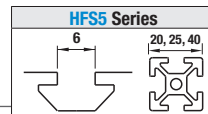


Extruded Brackets for 1 Slot

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



Features: Extruded Brackets with tabs to fit extrusions. Since the tabs stop rotation of the brackets when tightening, work efficiency is improved.

Thick Brackets (with Tab Type)

Type	Material	Surface Treatment
HBKTST5	A6N01SS-T5 Aluminum Alloy	Anodize
HBKTS5	Aluminum Alloy	Black Anodize
HBKTSB5		Black Anodize

HBKTST5 (Perpendicularly Machined)
HBKTS5
HBKTSB5 (Black Anodize)

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

Protrusions are provided on the bracket bottom to be inserted into aluminum extrusion slots.

Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBKTST5 HBKTS5 HBKTSB5* (Black Anodize)	15	CBM5-10	2	HNTT5-5	2	833

*For repairing black anodizing, refer to P.2965

Features: Aluminum Extruded Brackets. Excels in appearance.

Thick Brackets

Type	Material	Surface Treatment
NBLTS5	6063-T5 Aluminum Alloy	Anodize
HBLTS5 (-4)	A6N01SS-T5 Aluminum Alloy	Black Anodize
HBLTSB5		Black Anodize
CHBLTS5		Clear Coating (Anodize + Clear Coating)

NBLTS5
HBLTS5
HBLTS5-4 (For M4 Bolt)
HBLTSB5 (Black Anodize)
CHBLTS5 (Clear Coating)

Both sides and screw holes of NBLTS5 are not anodized.

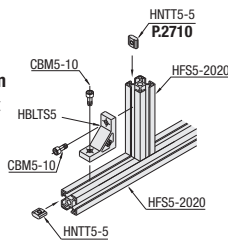
*HBLTS5-4 is Ø4.5.

Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
NBLTS5 HBLTS5 HBLTS5-4 (For M4 Screw) HBLTSB5* (Black Anodize) CHBLTS5 (Clear Coating) HBLTV5	15	CBM5-10	2	HNTT5-5	2	833
HBLTV5	20	CBM5-10		HNTT5-5		



Application Example

Example of Frame Connection Connection with Thick Bracket



*For repairing black anodizing, refer to P.2965

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

Ultra Thick Brackets

Type	Material	Surface Treatment
HBKUS5	A6N01SS-T5 Aluminum Alloy	Anodize
HBKUSB5	Aluminum Alloy	Black Anodize

HBKUS5
HBKUSB5 (Black Anodize)

Protrusions are provided on the bracket bottom to be inserted into aluminum extrusion slots.

Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
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.

Ultra Thick Brackets

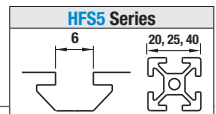
Type	Material	Surface Treatment
HBLUS5	A6N01SS-T5 Aluminum Alloy	Anodize

HBLUS5

Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLUS5	31	CBM5-14	2	HNTT5-5	2	833

Extruded Brackets for 1 Slot

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



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

Eccentric Brackets

Type	Material	Surface Treatment
HBLTH5	A6N01SS-T5 Aluminum Alloy	Anodize
HBLTHB5		Black Anodize

HBLTH5
HBLTHB5 (Black Anodize)

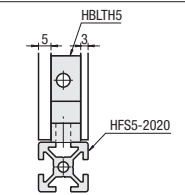
Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLTH5 HBLTHB5* (Black Anodize)	15	CBM5-10	2	HNTT5-5	2	833

*For repairing black anodizing, refer to P.2965



Application Example

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



Features: Thick Brackets can use twice as many screws. Extrusions can be connected more securely.

Thick Brackets

Type	Material	Surface Treatment
HBLTSW5	A6N01SS-T5 Aluminum Alloy	Anodize
HBLTVW5		Anodize

HBLTSW5
HBLTVW5

Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLTSW5 HBLTVW5	26	CBM5-10	4	HNTT5-5	4	1176

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

Scalene Brackets

Type	Material	Surface Treatment
HBLTF5	A6N01SS-T5 Aluminum Alloy	Anodize

HBLTF5

Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLTF5	21	CBM5-10	3	HNTT5-5	3	1004

Part Number Example HBLTSW5

Part Number Alterations HBLTF5 - (C / SET / SST / SEU / SSU / SEP / SSP / SEC) SET

Alterations	Code	Spec.	Applicable Brackets
Mounting Holes for Cover	C	Adds taps on a bracket for cover mounting. M5 on Both Sides (Mounting Screw P.2861 HCBM)	HBLTS5
			HBLTS5-4
			CHBLTS5
			HBLTV5
			HBLTVB5
			HBLUS5
			HBKTS5
			HBKUS5
			HBLUS5
			HBLTH5
			HBLTHB5
			HBLTSW5
HBLTVW5			
HBLTF5			

Alterations	Code	Spec.	Applicable Brackets	Available Types					
				SET	SST	SEU	SSU	SEP	SSP
Applicable Screws and Nut Set	SET SST SEU SSU SEP SSP SEC	Supplies a set of applicable screws and nuts for fixing the bracket to a extrusion. (Ex.) When HBLTS5 is specified, Code Screws Nuts SET CBM5-10 HNTT5-5 SST 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	HBLTS5	•	•	•	•	•	•
			HBLTS5-4	•	•	•	•	•	•
			CHBLTS5	•	•	•	•	•	•
			HBLTV5	•	•	•	•	•	•
			HBLTVB5	•	•	•	•	•	•
			HBKTS5	•	•	•	•	•	•
			HBKUS5	•	•	•	•	•	•
			HBLUS5	•	•	•	•	•	•
			HBLUS5	•	•	•	•	•	•
			HBLTH5	•	•	•	•	•	•
			HBLTHB5	•	•	•	•	•	•
			HBLTSW5	•	•	•	•	•	•
HBLTVW5	•	•	•	•	•	•			
HBLTF5	•	•	•	•	•	•			

Ⓢ Screws for black anodized parts are HCBMTB (Trivalent Chromate Black). P.2858
 Ⓢ Not RoHS compliant when -SET, -SEU or -SEP other than black anodized parts is specified.