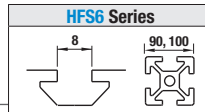


Extruded Brackets (For 3 or More Slots)

Slot Type: HFS6 Series (Aluminum Extrusions 90, 100 Square)



Features: Extruded Brackets to connect Extrusions with 3-slots (HFS6-3090, etc.) with one bracket.

Thick Brackets

Type	Material	Surface Treatment
NBLTT6	6063-T5 Aluminum Alloy	Anodize
HBLTT6	A6N01SS-T5 Aluminum Alloy	

**NBLTT6
HBLTT6**

Both sides and screw holes of NBLTT6 are not anodized.

Part Number	Mass (g)	Applicable Screw / T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
NBLTT6 HBLTT6	180	CBM6-15	6	HNTT6-6	6	2744

Features: Brackets to connect Extrusions with 3-slots and 4-slots (HFS6-3090, 50100 etc.) with one bracket.

Ultra Thick Brackets

Type	Material	Surface Treatment
HBLUT6	A6N01SS-T5 Aluminum Alloy	Anodize
HBLUF6		

**HBLUT6
HBLUF6**

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLUT6	409	CBM6-20	6	HNTT6-6	6	2744
HBLUF6	512		8		8	2940

Features: Brackets for 3-slots and 4-slots with twice as many screws. Extrusions can be connected more securely.

Thick Brackets

Type	Material	Surface Treatment
HBLTTW6	A6N01SS-T5 Aluminum Alloy	Anodize
HBLTFW6		

**HBLTTW6
HBLTFW6**

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLTTW6	308	CBM6-15	12	HNTT6-6	12	4116
HBLTFW6	384		16		16	4410

Part Number Example: HBLTT6

Part Number Alterations: HBLTT6 - (C / SET / SST / SEU / SSU / SEP / SSP / SEC)

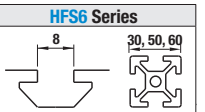
Alterations	Code	Spec.	Applicable Brackets
Mounting Holes for Cover	C	Adds a tap for a bracket for cover mounting. (M5 on Both Sides, Depth 15 mm) (Mounting screw P.2858 HCBM)	HBLTT6
			HBLUF6
			HBLTTW6
			HBLTFW6

Alterations	Code	Spec.	Applicable Brackets
Applicable Screws and Nuts come as a set	SET SST	Supplies a set of applicable screws and nuts for fixing the bracket to an extrusion. (Adds to the bracket price)	HBLTT6
	SEU	(Pre-Assy. Insertion Spring Nuts)	HBLUT6
	SSU	(Pre-Assy. Insertion Spring Nuts Stainless Steel)	HBLUF6
	SEP	(Post-Assy. Insertion Spring Nuts)	HBLTTW6
	SSP	(Post-Assy. Insertion Spring Nuts Stainless Steel)	HBLTFW6
	SEC	(Captured Washer Screws / Nuts)	HBLTFW6
		(Ex.) When HBLTT6 is specified,	
		Code Screws Nuts	
		SET CBM6-15 HNTT6-6	
		SST SCB6-15 HNTT6-6	
	SEU CBM6-15 HNTU6-6		
	SSU SCB6-15 SHNTU6-6		
	SEP CBM6-15 HNTP6-6		
	SSP SCB6-15 SHNTP6-6		
	SEC HCBST6-20 HNTT6-6		

Ⓢ Screws for black anodized parts are HCBMTB (Trivalent Chromate Black). Refer to P.2861
 Ⓢ Not RoHS compliant when -SET, -SEU or -SEP other than black anodized parts is specified.

Thin Brackets

Slot Type: HFS6 Series (Aluminum Extrusions 30, 50, 60 mm Square)



Features: Thin Extruded Brackets. Space saving design.

Thin Brackets

Type	Material	Surface Treatment
HBLSS6	A6N01SS-T5 Aluminum Alloy	Anodize
HBLSSB6		Black Anodize
HBLSD6-50		Anodize

**HBLSS6
HBLSSB6** (Black Anodize)

HBLSD6-50

HBLST6

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLSS6	14	CBM6-12	2	HNTT6-6	2	980
HBLSSB6* (Black Anodize)						
HBLSD6	35	CBM6-12	4	HNTT6-6	4	1568
HBLSD6* (Black Anodize)						
HBLST6	56		6		6	2352
HBLSD6-50	28		4		4	1568

Application Example

Ⓢ Screws for black anodized parts are HCBMTB (Trivalent Chromate Black) on P.2858

*For repairing black anodizing, refer to P.2965

Features: Thin Brackets with tabs to fit extrusions and stop when tightening. Excels in work efficiency.

Thin Stainless Steel Tabbed Brackets

Type	Material
HBLSP6	304 Stainless Steel

HBLSP6

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)
		Screw	Qty.	T Nut	Qty.	
HBLSP6	33	CBM6-12	2	HNTT6-6	2	980

Application Example

Features of HBLST6-P (thin bracket hole position change):
 - Bolt mounting hole modification
 - Two frames can be mounted in Parallel manner, because the hole locations parts with Alteration P will align with Extrusion Slots.

Part Number Example: HBLSS6

Part Number Alterations: HBLSS6 - (P / SET / SST / SEU / SSU / SEP / SSP)

Allowable Load of Bracket
 Allowable load per one bracket is calculated with one beam extrusion between two vertical extrusions supported by a bracket under each side of the beam.

Alterations	Code	Spec.	Applicable Brackets	Available Types					
				SET	SST	SEU	SSU	SEP	SSP
Applicable Screws and Nuts Set	SET SST	Supplies a set of applicable screws and nuts for fixing the bracket to an extrusion. (Adds to the bracket price)	HBLSS6	•	•	•	•	•	•
	HBLSSB6		•	•	•	•	•	•	
	HBLSD6	(Ex.) When HBLSS6 is specified,	•	•	•	•	•	•	
	HBLSD6-50	Code Screws Nuts	•	•	•	•	•	•	
	HBLST6	SET CBM6-12 HNTT6-6	•	•	•	•	•	•	
	HBLSP6	SST SCB6-12 HNTT6-6	•	•	•	•	•	•	

Alterations	Code	Spec.	Applicable Brackets	v1 Code
Hole Position Alteration	P	Thin bracket HBLSD6 - Change the position of mounting holes.	HBLSD6	20

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