Tabbed Brackets - For 2 Slots
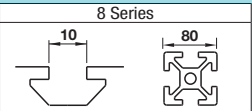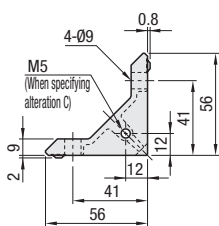**For 8 Series (Slot Width 10mm) Aluminum Extrusions**
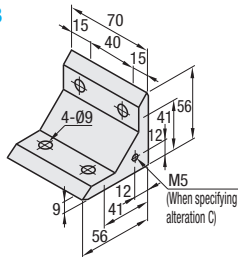
8 Series — 10 / 80

■**Features:** Tabbed Brackets for 2-slot extrusions. Since the tabs stop rotating the brackets when tightening, work efficiency is improved.
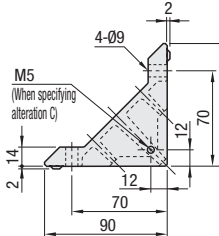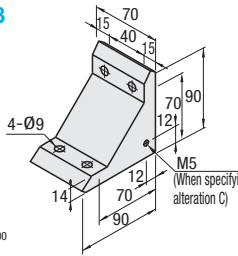
■Tabbed Brackets

HBLFTD8

4-Ø9 · 0.8 · M5 (When specifying alteration C) · 15 · 70 · 40 · 15 · 56 · 41 · 12 · 9 · 41 · 56 · M5 (When specifying alteration C) · 41 · 56 · 12 · 2 · 9

HBLFUD8

15 · 70 · 40 · 15 · 4-Ø9 · 70 · 90 · 12 · M5 (When specifying alteration C) · 14 · 12 · 70 · 90 · 4-Ø9 · M5 (When specifying alteration C) · 2 · 2 · 14 · 12 · 70 · 90 · 90

Ⓜ Material: EN AC-46100 Equiv.

Part Number Type	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price	
		Screw	Quantity	T Nut	Quantity		1~99 pc(s).	100~200
HBLFTD8	140	CBM8-20	4	HNTT8-8	4	3087		
HBLFUD8	370	CBM8-25				3920		

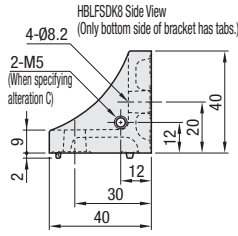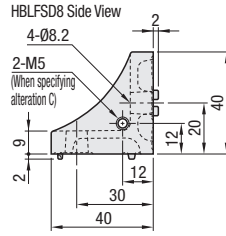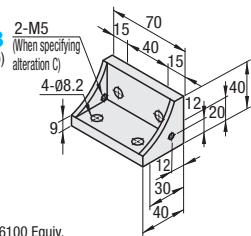ⓔⓍ Example — Can be connected in parallel and perpendicular directions to the extrusion slot.

■**Features:** Extrusions with 2 slots (HFS8-8080, etc.) can be connected with one bracket.

■Tabbed Reversal Brackets

HBLFSD8 / HBLFSDK8 (with Single Side Tab)

2-M5 (When specifying alteration C) · 15 · 70 · 40 · 15 · 4-Ø8.2 · 40 · 20 · 12 · 9 · 12 · 30 · 40

HBLFSD8 Side View — 4-Ø8.2 · 2 · 2-M5 (When specifying alteration C) · 40 · 20 · 12 · 9 · 2 · 12 · 30 · 40

HBLFSDK8 Side View (Only bottom side of bracket has tabs.) — 4-Ø8.2 · 2 · 2-M5 (When specifying alteration C) · 40 · 20 · 12 · 9 · 2 · 12 · 30 · 40

Ⓜ Material: EN AC-46100 Equiv.

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price	
		Screw	Quantity	T Nut	Quantity		1~99 pc(s).	100~200
HBLFSD8	89	CBM8-20	4	HNTT8-8	4	3087		
HBLFSDK8								

Ordering Example — Part Number: **HBLFSD8**

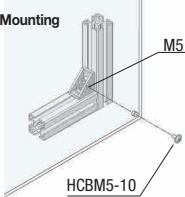**Alterations** — Part Number - (C, SET, SST, SEU, SSU, SEP, SSP, SEC) — HBLFSD8 - SET

Alterations	Code	Spec.	Applicable Bracket
Mounting Hole Alteration for Cover	C	Adds taps on a bracket for cover mounting. (M5 on Both Sides) (Mounting Screw HCBM on **P.754**) Tapped Hole Position	HBLFTD8
			HBLFUD8
			HBLFSD8
			HBLFSDK8

ⓔⓍ **Example** — ■Example of Cover Mounting • Specify alteration code C. — M5 — HCBM5-10

Alterations	Code	Spec.	Applicable Bracket
Applicable Screws and Nuts Set	**SET** **SST** (Stainless Steel) **SEU** Pre-Assembly Insertion Spring Nuts **SSU** Pre-Assembly Insertion Spring Nuts Stainless Steel **SEP** Post-Assembly Insertion Spring Nuts **SSP** Post-Assembly Insertion Spring Nuts Stainless Steel **SEC** Screws with Captured Washer and Nuts	Applicable screws and nuts for fixing the brackets on extrusions come in a set. (Adds to the bracket price.) (Ex.) When HBLFSD8 is specified:	
			HBLFTD8
			HBLFUD8
			HBLFSD8
			HBLFSDK8

(Ex.) When HBLFSD8 is specified:

Code	Screw	Nut
SET	CBM8-20	HNTT8-8
SST	SCB8-20	HNTTSN8-8
SEU	CBM8-20	HNTU8-8
SSU	SCB8-20	SHNTU8-8
SEP	CBM8-20	HNTP8-8
SSP	SCB8-20	SHNTP8-8
SEC	HCBST8-24	HNTT8-8

🟡When specifying other than HBLFSD8, check for the applicable screws and nuts.

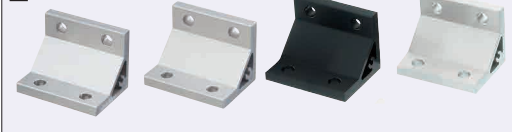🟡Included Screw is not RoHS compliant when -SET, -SEU or -SEP is specified.

Extruded Brackets - For 2 Slots
For 8 Series (Slot Width 10mm) Aluminum Extrusions

8 Series — 10 / 80
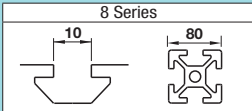
■**Features:** Brackets to connect Extrusions with 2 slots (HFS8-8080 etc.) with one bracket.

■Thick Brackets

NBLTD8 / HBLTD8 / HBLTDB8 (Black Anodize) / CHBLTD8 (Clear Coating)

Type	Ⓜ Material	Ⓢ Surface Treatment
NBLTD8	EN AW-6063-T5 Equiv.	Anodize 🟡
HBLTD8	EN AC-51400-T5 Equiv.	
HBLTDB8		Black Anodize
CHBLTD8		Anodize

15 · 70 · 40 · 15 · 51 · 41 · 12 · 4-Ø9 · Ø4.2 · 41

🟡Both sides and screw holes of NBLTD8 is not anodized.

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price	
		Screw	Quantity	T Nut	Quantity		1~99 pc(s).	100~200
NBLTD8	154	CBM8-20	4	HNTT8-8	4	3087		
HBLTD8								
HBLTDB8* (Black Anodize)								
CHBLTD8 (Clear Coating)								

* For repairing black anodizing, refer to **P.846**.

■**Features:** Numbers of screws are the same as HBLTD8. Extrusions can be connected more securely.

■Ultra Thick Brackets

HBLUD8

15 · 70 · 40 · 15 · 80 · 70 · 12 · 4-ø9 · Ø4.2 · 14

Ⓜ Material: EN AC-51400-T5 Equiv.
Ⓢ Surface Treatment: Anodize

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price	
		Screw	Quantity	T Nut	Quantity		1~99 pc(s).	100~200
HBLUD8	380	CBM8-25	4	HNTT8-8	4	3920		

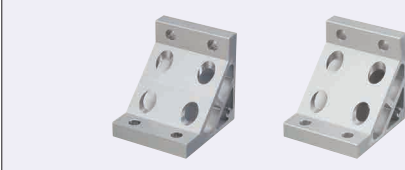■**Features:** Brackets for 2-slot extrusions with 4 mounting holes on one side can connect extrusions more securely.

■Thick Brackets

HBLTDW8

15 · 70 · 40 · 15 · 30 · 85 · 45 · 12 · 8-ø9 · Ø4.2 · 30 · 45 · 9

Ⓜ Material: EN AC-51400-T5 Equiv.
Ⓢ Surface Treatment: Anodize

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price	
		Screw	Quantity	T Nut	Quantity		1~99 pc(s).	100~200
HBLTDW8	267	CBM8-20	8	HNTT8-8	8	4410		

■**Features:** Numbers of screws are the same as HBLTDW8. Extrusions can be connected more securely.

■Ultra Thick Brackets

NBLUDW8 / HBLUDW8

Type	Ⓜ Material	Ⓢ Surface Treatment
NBLUDW8	EN AW-6063-T5 Equiv.	Anodize 🟡
HBLUDW8	EN AC-51400-T5 Equiv.	

15 · 70 · 40 · 15 · 4-M8 Counterbore · 46 · 80 · 24 · 12 · 4-Ø9 · Ø4.2 · 14 · 46 · 24

🟡Both sides and screw holes of NBLUDW8 is not anodized.

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price	
		Screw	Quantity	T Nut	Quantity		1~99 pc(s).	100~200
NBLUDW8	332	CBM8-15 / CBM8-25	4	HNTT8-8	8	5586		
HBLUDW8	332	CBM8-15 / CBM8-25	4	HNTT8-8	8	5586		

Part Number — HBLTD8
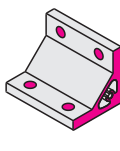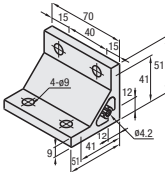
Alterations — Part Number - (C, SET, SST, SEU, SSU, SEP, SSP, SEC) — HBLTD8 - SET

Alterations	Code	Spec.	Applicable Bracket
Mounting Hole Alteration for Cover	C	Adds taps on a bracket for cover mounting. (M5 on Both Sides, Depth 15mm) (Mounting Screw HCBM on **P.754**) Tapped Hole Position	NBLTD8 / HBLTD8 / CHBLTD8 / HBLTDW8 / HBLUD8 / NBLUDW8 / HBLUDW8

Alterations	Code	Spec.	Applicable Bracket
Applicable Screws and Nuts Set	**SET** **SST** (Stainless Steel) **SEU** Pre-Assembly Insertion Spring Nuts **SSU** Pre-Assembly Insertion Spring Nuts Stainless Steel **SEP** Post-Assembly Insertion Spring Nuts **SSP** Post-Assembly Insertion Spring Nuts Stainless Steel **SEC** Screws with Captured Washer and Nuts	Applicable screws and nuts for fixing the brackets on extrusions come in a set. (Adds to the bracket price.) (Ex.) When HBLTD8 is specified:	NBLTD8
			HBLTD8
			HBLTDB8
			CHBLTD8
			HBLTDW8
			HBLUD8
			HBLUDW8

(Ex.) When HBLTD8 is specified:

Code	Screw	Nut
SET	CBM8-20	HNTT8-8
SST	SCB8-20	HNTTSN8-8
SEU	CBM8-20	HNTU8-8
SSU	SCB8-20	SHNTU8-8
SEP	CBM8-20	HNTP8-8
SSP	SCB8-20	SHNTP8-8
SEC	HCBST8-24	HNTT8-8

🟡When specifying other than HBLTD8, check for the applicable screws and nuts.

🟡Screws for black anodized brackets are HCBMTB (Trivalent Chromate Black) on **P.751**.

🟡Included Screw is not RoHS compliant when -SET, -SEU or -SEP other than black anodized brackets is specified.