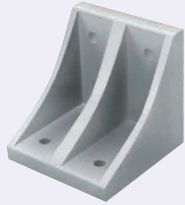


8-45 Series

■ Tabbed Reversal Brackets



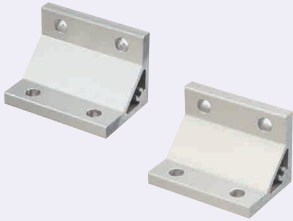
Technical drawing of a cast part with the following dimensions: 17.5, 80, 45, 17.5, 40, 90, 8-Ø8.2, 12, 11.2, 30, 45, 90, 22.5, and M5. A note indicates: (When specifying alteration C).

Technical drawing of a mechanical part (Fig. 10.10) showing a cross-section with dimensions and tolerances. The part has a total width of 90, a total height of 90, and a base thickness of 12. The top surface is flat with a width of 45. The right side has a vertical edge of 40 and a horizontal edge of 30. The bottom right corner is rounded with a radius of R80. The part is made of M5 material (When specifying alteration C). The drawing includes a tolerance of 8-0.2 on the top surface and a tolerance of 0.1 on the base thickness.

Technical drawing of a U-shaped metal part. Dimensions include: 90 (top width), 20 (top flange width), 50 (top flange length), 40 (top flange thickness), 90 (total height), 30 (height from base to top flange), 12 (height of base), 12 (height of base), 25 (height of base), 50 (height of base), 90 (height of base), 8-Ø8.2 (8 holes of diameter 8.2), and M5 (5mm hole). A note indicates: (When specifying alteration C).

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price 1-99 pc[s]	Volume Discount Rate 100-200
		Screw	Quantity	T Nut	Quantity			
HBLFSDW8-90	360	SCB8-22	8	HNTT8-8	8	4986		
HBLFSDW8-100	450					5586		

Thick Brackets



Type	M Material	S Surface Treatment
NBLTD8-45	EN AW-6063-T5 Equiv.	Anodize
HBLTD8-45	EN AC-51400-T5 Equiv.	

❗ Both sides and screw holes of NBLTD8-45 is not anodized.

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price 1~99 pc(s).	Volume Discount Rate 100~200
		Screw	Quantity	T Nut	Quantity			
NBLTD8-45	163	CBM8-20	4	HNTT8-8	4	2940		
HBLTD8-45								

■ Ultra Thick Brackets



Technical drawing of a mechanical part (Fig. 1.10) showing dimensions and features. The part is a bracket-like structure with a base plate and a vertical support. Dimensions include: 15, 75, 45, 15, 80, 70, 12, 14, 70, 80, 4-Ø9, and Ø4.2. The drawing includes a cross-section view showing internal features and a section line.

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

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price	Volume Discount Rate
		Screw	Quantity	T Nut	Quantity		1~99 pc(s).	100~200
HBLUD8-45	387	CBM8-25	4	HNTT8-8	4	3920		

Thick Brackets



Isometric view of a mechanical part. Dimensions include: 15, 75, 45, 15, 46, 80, 12, 24, 0.4, 12, 46, 80, 24, 14. Feature labels include: 4-M8 Counterbore, 4-Ø9.

Type	M Material	S Surface Treatment
HBLTDW8-45	EN AC-	Anodize
HBLUDW8-45	51400-T5 Equiv.	

Part Number	Mass (g)	Applicable Screw, T Nut			Allowable Load (N)	Unit Price 1~99 pc(s).	Volume Discount Rate 100~200
		Screw	Quantity	T Nut			
HBLTDW8-45	287	CBM8-20	8	HNTT-8	8	4410	
HBLUDW8-45	359	CBM8-15	4		8	5586	
		CBM8-25					

A 3D perspective view of a metal bracket. It features a central rectangular plate with two circular mounting holes. The plate is flanked by two vertical supports, each with two circular mounting holes. The entire assembly is made of a light-colored metal.

Type	M Material	S Surface Treatment
HBLTD8-100	EN AC-51400-T5 Equiv.	Anodize

Part Number	Mass (g)	Applicable Screw, T Nut				Allowable Load (N)	Unit Price	Volume Discount Rate
		Screw	Quantity	T Nut	Quantity		1-99 pc(s).	100-200
HLBD8-100	181	CBM8-20	4	HNTT8-8	4	2940		

Technical drawing of a 3D part, likely a bracket or support, showing dimensions and features. The part has a base plate with four mounting holes (4-M8 Counterbore) and a vertical plate with two mounting holes. Dimensions include overall width 92, base width 80, base height 14, and various hole positions and diameters.

[illegible]

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

Part Number	Mass (g)	Extrusion Series	Applicable Screw, T Nut			Allowable Load (N)	Unit Price 1-99 pc(s),	Volume Discount Rate 100-200
			Screw Quantity	T Nut Quantity				
HBLUW8-100	440	HFS8-50100	CBM8-15 CBM8-25	4	HNTT8-8	8	5586	
HBLPQ8-100	470	GFS8-50100	CBM8-15 CBM8-25					



Alterations  **Part Number** - (C, SET, SST, SEU, SSU, SEP, SSP, SEC)
HBLTD8-45 - 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 P754)  Tapped Hole Position	HBLFSDW8-100
			HBLTD8-45
			HBLUD8-45
			HBLTDW8-45
			HBLUDW8-45
			HBLTD8-100
			HBLUW8-100
			HBLPQ8-100

	Ordering Example	Part Number
		HBLTD8-45

Alterations	Code	Spec.	Applicable Bracket
Applicable Screws and Nuts Set	SET SST (Stainless Steel)	Applicable screws and nuts for fixing the brackets on extrusions come in a set. (Adds to the bracket price)	HBLFSDW8-90
	SEU (Pre-Assembly Insertion) Spring Nuts		HBLFSDW8-100
	SSU (Pre-Assembly Insertion) Spring Nuts Stainless Steel	(Ex.) When HBLTD8-45 is specified:	NBLTD8-45
	SEP (Post-Assembly Insertion) Spring Nuts	Code Screw Nut	HBLTD8-45
	SSP (Post-Assembly Insertion) Spring Nuts Stainless Steel	SET CBM8-20 HNTT8-8	HBLUD8-45
		SST SCB8-20 HNTTSN8-8	HBLTDW8-45
		SEU CBM8-20 HNTU8-8	HBLTDW8-45
		SSU SCB8-20 SHNTU8-8	HBLUDW8-45
		SEP CBM8-20 HNTPT8-8	HBLUDW8-45
		SSP SCB8-20 SHNTP8-8	HBLTD8-100
	SEC HCBST8-24 HNTT8-8	HBLUDW8-45	
	⚠ When specifying other than HBLTD8-45, check for the applicable screws and nuts.	HBLTD8-100	
		HBLUW8-100	
		HBLPQ8-100	

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