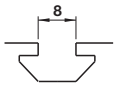
Post-Assembly Insertion Easy Brackets / Plate Brackets

For 6 Series (Slot Width 8mm) Aluminum Extrusions

6 Series



■**Features:** 2 aluminum extrusions can be easily connected with only 1 tightening screw. Brackets can be mounted on the extrusion slots after assembly.

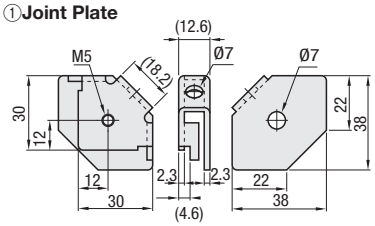
■**Post-Assembly Insertion Easy Brackets**

RoHS 10

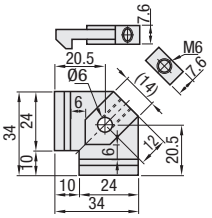
Components	M Material	S Surface Treatment
①Joint Plate	SPCC	
②Joint Brackets	S45C Equivalent	Trivalent Chromate
③Hex Socket Head Cap Screw	SCM435	

HABL6

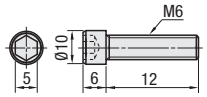
①Joint Plate



②Joint Brackets



③Hex Socket Head Cap Screw

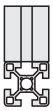
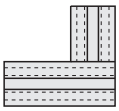
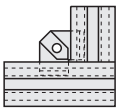
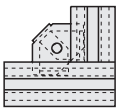
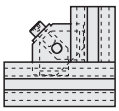


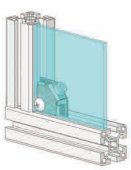
Overtightening may cause deformation of joint plates. (Reference Tightening Torque 10.5N・m)

Part Number Type	Mass (g)	Included Screw Screw	Included Screw Quantity	Allowable Load (N)	Unit Price 1~99 pc(s).	Volume Discount Rate 100~200
HABL6	90	Hex Socket Head Cap Screw M6x12	1	600		

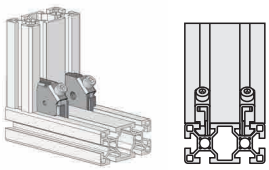
Ordering Example: Part Number **HABL6**

■**Connection Method**

Step	Front View	Side View	Sketch Drawing
1			Place 2 aluminum extrusions and adjust the frame positions.
2			Fit the joint bracket ② in the slot of the aluminum extrusions.
3			Cover the joint bracket ② on the joint plate ①.
4			Overtightening may cause deformation of joint plates. ③Tighten a hex socket head cap screw to fix the plate. (Reference Tightening Torque: 10.5N・m)



Holes are tapped on a bracket for cover mounting.



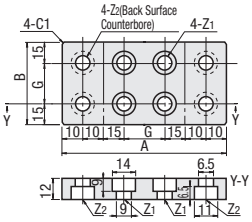
For aluminum extrusions with 2 slots, brackets can be mounted on both sides.

■**Features:** Direct screw-on brackets to use on tapped extrusions.

■**Plate Brackets**

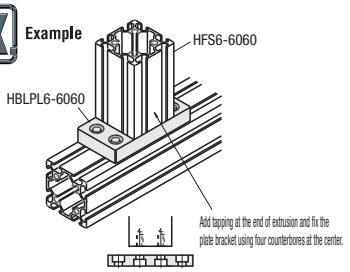
M Material: SS400
S Surface Treatment: Electroless Nickel Plating

HBLPL6



* Screws are not included.

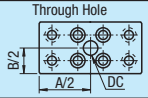
Example



Part Number	Extrusion	A	B	Z1 Applicable Screw	Z2 Applicable Screw	G	Mass (g)	Unit Price 1 ~ 9 pc(s).	Volume Discount Rate 10~50
HBLPL6	5050	90	50	M8	M6	20	350		
	6060	100	60			30	470		

Alterations: Part Number - Extrusion - (DC)
HBLPL6 - 5050 - DC12

Ordering Example: Part Number - Extrusion
HBLPL6 - 5050

Alteration	Code	Spec.
Through Hole 	DC	Adds a through hole. DC=Hole Dia. 1 mm Increment 10≤DC≤20 Ordering Code DC12