

Corner Brackets / Corner Blind Brackets

For 6 Series (Slot Width 8mm) Aluminum Extrusions 30 Square

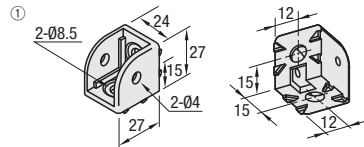
■Features: A bracket can connect extrusions in 2 and 3-ways, including function as extrusion end caps.

■Corner Bracket Set

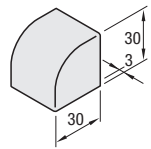


Type	Material	Surface Treatment
HBLCS6	①EN AC-46100 Equiv. ②Polyamide	-
HBLCR6	①EN ZC0400 Equiv. ②Polyamide	Trivalent Chromate
HBLCD6	①EN 1.4308 Equiv. ②Polyamide	-

Two-Way Type HBLCS6-B

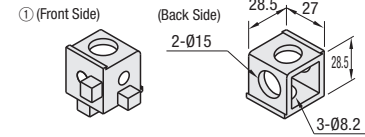


②For Corner Brackets End Cap

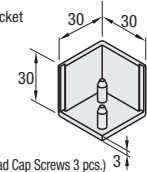


(Hex Socket Head Cap Screw 2 pcs. included)

Three-Way Type HBLCR6-B (Cap: Black) HBLCR6-S (Cap: Gray)

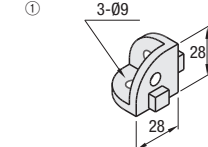


②For Corner Bracket End Cap



(Accessory: Button Head Cap Screws 3 pcs.)
⚡ As HBLCR6-□ is zinc die cast, use it under 100°C.

HBLCD6-S (Cap: Gray)



②For Corner R Bracket End Cap



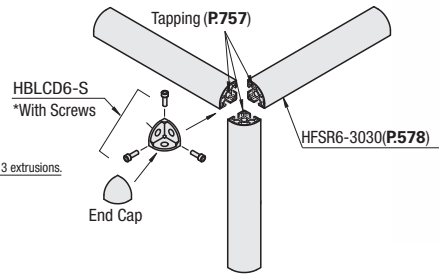
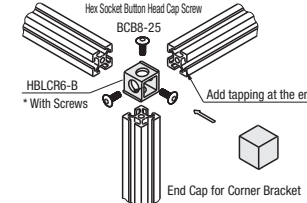
(Accessory: Button Head Cap Screws 3 pcs.)

Part Number	Mass (g)	Included Screw	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-120)
HBLCS6-B	27	CBS8-25	2	500	
HBLCR6-B	59	BCB8-25	3	999	
HBLCR6-S					
HBLCD6-S	45	Button Head Cap Screw M6x25	3	1862	

Part Number	Mass (g)	Included Screw	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-120)
HBLCR6-B	59	BCB8-25	3	999	

Example

■App. Example: Corner Bracket HBLCR



■Features: Brackets for internal connection without alterations, including function as extrusion end caps.

■Corner Blind Brackets



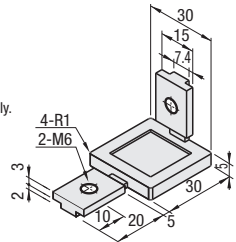
RoHS 10

Two-Way Type

HBLBCA6 SHBLBCA6

(Stainless Steel)

⚡ Applicable to 3030 Square only.

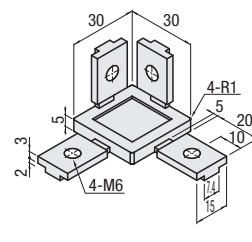


Three-Way Type

HBLBCB6 SHBLBCB6

(Stainless Steel)

⚡ Applicable to 3030 Square only.



Part Number	Mass (g)	Included Screw	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-150)
HBLBCA6 SHBLBCA6	53	Set Screw M6x8	2	500	
HBLBCB6 SHBLBCB6	71	Set Screw M6x8	4	1000	

Ordering Example
Part Number
SHBLBCA6

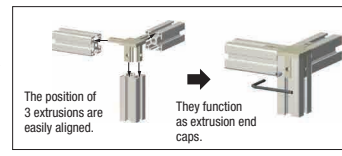
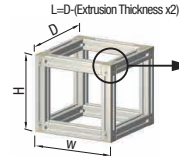
Example

■App. Example: Corner Blind Bracket

Extrusion length when installed as below (Unit: mm)

- Extrusion length L used for W
L=W-(Extrusion Thickness x2)
- Extrusion length L used for D
L=D-(Extrusion Thickness x2)

- Extrusion length L used for H
L=H-10
(Thickness of corner blind brackets x Upper and Lower 2 pcs.)

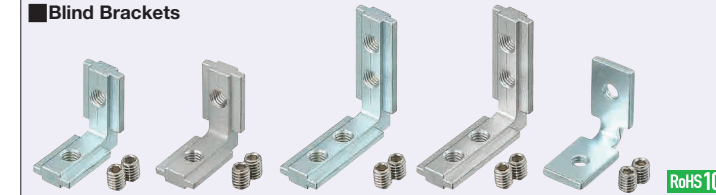


Blind Brackets

For 6 Series (Slot Width 8mm) Aluminum Extrusions

■Features: No need for alterations to hide brackets inside of the slot.

■Blind Brackets

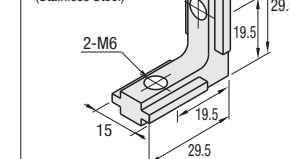


Type	Material	Surface Treatment
HBLBS6	EN 1.1191 Equiv.	Trivalent Chromate
SHBLBS6	EN 1.4308 Equiv.	-
SHBLBSL6	EN 1.4308 Equiv.	-
HBLPBS6	EN 1.0330 Equiv.	Trivalent Chromate

Blind Brackets

HBLBS6 SHBLBS6

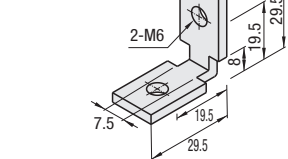
(Stainless Steel)



Sheet Metal Blind Brackets

HBLPBS6

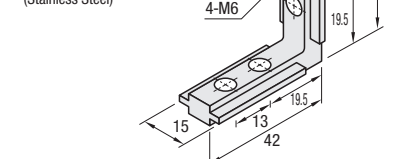
(Stainless Steel)



Blind Brackets - Long Type

HBLBSL6 SHBLBSL6

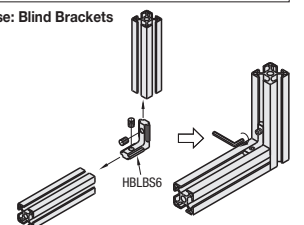
(Stainless Steel)



Part Number	Mass (g)	Included Screw	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-120)
HBLBS6	30	Set Screw M6x8	2	686	
SHBLBS6					
HBLBSL6	38	Set Screw M6x8	4	957	
SHBLBSL6					
HBLPBS6	16	Set Screw M6x8	2	500	

Example

■How to Use: Blind Brackets



■Features: Post-Assembly Insertion Type for Blind Brackets.

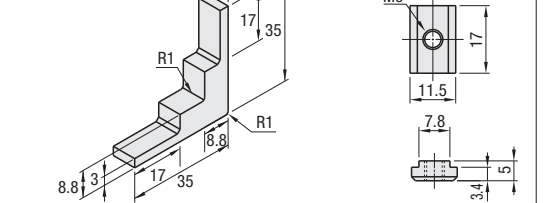
■Post-Assembly Insertion Blind Brackets



RoHS 10

Type	Components	Material	Surface Treatment
HABLBS6	Post-Assembly Insertion BB Body	EN 1.4308 Equiv.	-
	Post-Assembly Insertion BB Nut	EN 1.4301 Equiv. Sintered Alloy	-
	Set Screw	EN 1.4301 Equiv.	-

HABLBS6

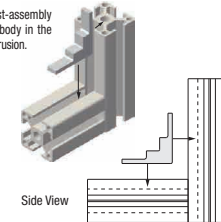


Part Number	Mass (g)	Included Screw	Allowable Load (N)	Unit Price (1-99 pc(s))	Volume Discount Rate (100-120)
HABLBS6	28	Nut, Set Screw M6x5	2	500	

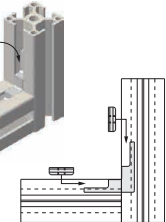
Example

■How to Use Post-Assembly Insertion Blind Brackets

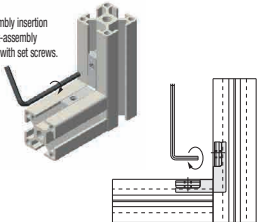
- Fit the post-assembly insertion BB body in the slot of the extrusion.



- Tilt two pieces of post-assembly insertion nut and fit them in both ends of post-assembly insertion BB body.



- Fix post-assembly insertion BB body and post-assembly insertion BB nuts with set screws.



■Features: Blind Brackets to connect 30, 20 square Extrusions.

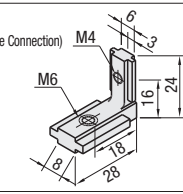
■Blind Brackets for Different Extrusion Sizes



Type	Material	Surface Treatment
HBLBS6-5	EN 1.1191 Equiv.	Trivalent Chromate

HBLBS6-5

(For 30 Square - 20 Square Connection)



Part Number	Mass (g)	Extrusion Series	Included Screw	Unit Price (1-99 pc(s))	Volume Discount Rate (100-120)
HBLBS6-5	20	HFS6 and HFS5	Set Screw M4x5 Set Screw M6x8	1 1	

Ordering Example

Part Number
HBLBS6