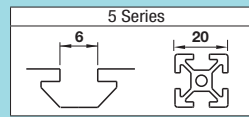


Corner Brackets / Corner Blind Brackets

For 5 Series (Slot Width 6mm) Aluminum Extrusions 20 Square



Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

Blind Brackets

For 5 Series (Slot Width 6mm) Aluminum Extrusions

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

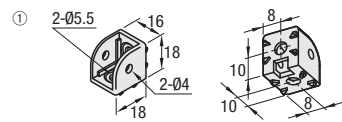
Corner Bracket Set



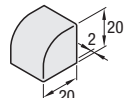
Type	Material	Surface Treatment
HBLCS5	① ADC12	Trivalent Chromate
	② Polyamide	
HBLCR5	① ZDC2	Trivalent Chromate
	② Polyamide	
HBLCD5	① SCS13	-
	② Polyamide	

Two-Way Type

HBLCS5-B (Cap: Black)



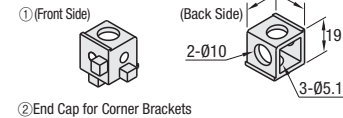
② End Cap for Corner Brackets



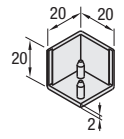
(Accessory: Low Head Cap Screws 2 pcs.)

Three-Way Type

HBLCR5-B (Cap: Black) HBLCR5-S (Cap: Gray)



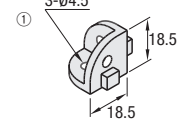
② End Cap for Corner Brackets



(Accessory: Button Head Cap Screws 3 pcs.)

As HBLCR5-□ is zinc die cast, use it under 100°C.

HBLCD5-S (Cap: Gray)



② End Cap for Corner R Brackets



(Accessory: Button Head Cap Screws 3 pcs.)

Part Number	Mass (g)	Included Screw	Allowable Load (N)	Unit Price	Volume Discount Rate
HBLCS5-B	8	CBS5-16	2	400	100-200
HBLCR5-B	25	BCB5-15	3	676	
HBLCR5-S					
HBLCD5-S	18	Button Head Cap Screw M4x2	3	774	

Ordering Example
Part Number
HBLCD5-S

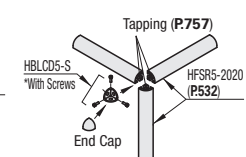


Example

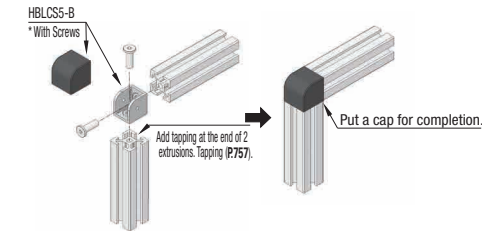
App. Example: Corner Bracket HBLCR



App. Example: R Extrusion

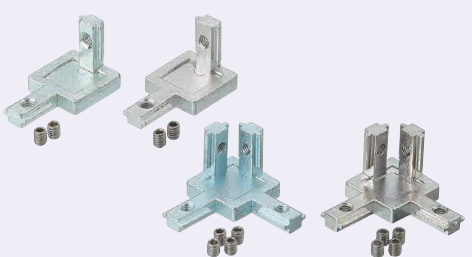


App. Example: Corner Bracket HBLCS



Features: Brackets to be inserted into extrusion slots. Can also function as extrusion end caps.

Corner Blind Brackets



Type	Material	Surface Treatment
HBLBC□5	S45C	Trivalent Chromate
SHBLBC□5	SCS13	-

Two-Way Type

HBLBCA5 SHBLBCA5 (Stainless Steel)

Not applicable to Aluminum Extrusions 25 and 40 Square.

Three-Way Type

HBLBCB5 SHBLBCB5 (Stainless Steel)

Not applicable to Aluminum Extrusions 25 and 40 Square.

Part Number	Mass (g)	Included Screw	Allowable Load (N)	Unit Price	Volume Discount Rate
HBLBCA5	21	Set Screw M4x5	2	196	100-150
SHBLBCA5 (Stainless Steel)					
HBLBCB5	26				
SHBLBCB5 (Stainless Steel)		4	620		

Ordering Example
Part Number
SHBLBCA5



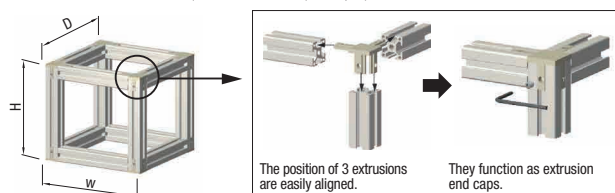
Example

App. Example: Corner Blind Bracket

Extrusion length when installed as below (Unit: mm)

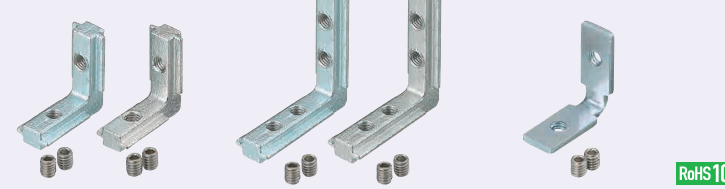
- Extrusion length L used for W: $L=W$ (Extrusion Thickness x2)
- Extrusion length L used for H: $L=H+10$
- Extrusion length L used for D: $L=D$ (Extrusion Thickness x2)

(Thickness of corner blind brackets x Upper and Lower 2 pcs.)



Features: No need for alterations to mount on extrusions. Brackets can be hidden inside of the slot.

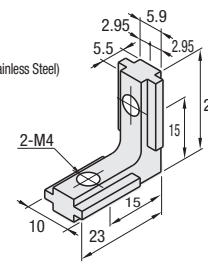
Blind Brackets



Type	Material	Surface Treatment
HBLBS5	S45C	Trivalent Chromate
SHLBSL5	SCS13	-
HBLBSL5	S45C	Trivalent Chromate
HBLPBS5	SPCC	-

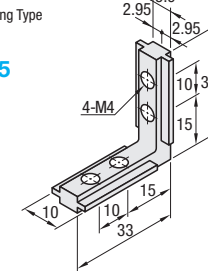
Blind Brackets

HBLBS5 SHLBSL5 (Stainless Steel)



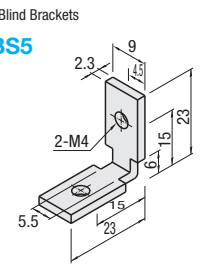
Blind Brackets - Long Type

HBLBSL5 SHLBSL5



Sheet Metal Blind Brackets

HBLPBS5

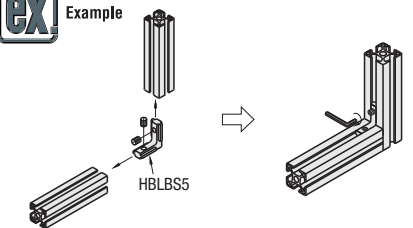


Part Number	Mass (g)	Included Screw	Allowable Load (N)	Unit Price	Volume Discount Rate
HBLBS5	11	Set Screw M4x5	2	196	100-200
SHLBSL5 (Stainless Steel)					
HBLBSL5	17				
SHLBSL5 (Stainless Steel)		4	274		
HBLPBS5	6	2	190		



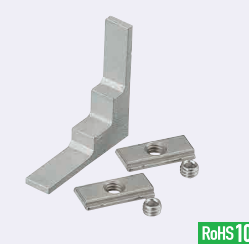
Example

How to Use Blind Brackets

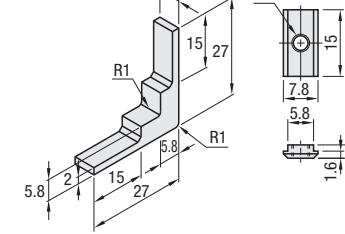


Features: Post-Assembly Insertion Type for Blind Brackets.

Post-Assembly Insertion Blind Brackets



HABLBS5



Type	Components	Material	Surface Treatment
HABLBS5	Post-Assembly Insertion BB Body	SCS13	-
	Post-Assembly Insertion BB Nut	SUS304 Sintered Alloy	
	Set Screw	SUS304	

Part Number	Mass (g)	Included Screw	Allowable Load (N)	Unit Price	Volume Discount Rate
HABLBS5	11	Nut, Set Screw M4x3	2	190	100-200

Ordering Example
Part Number
HABLBS5



How to Use Post-Assembly Insertion Blind Brackets

