

Corner Brackets

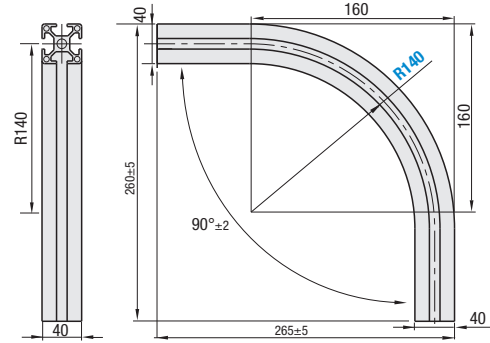
Slot Type: HFS8 Series (Aluminum Extrusions 40, 80 Square)

90-degree Curved Aluminum Extrusions for Corner

HFSMGQ8-4040



- ① The slot shape may change during the bending process, resulting in narrow slot width.
- ② Since the parts are bent after anodizing, the surface treatment color may vary slightly (shades from silver to white)

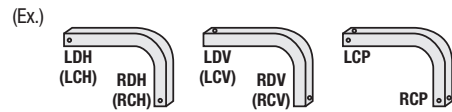
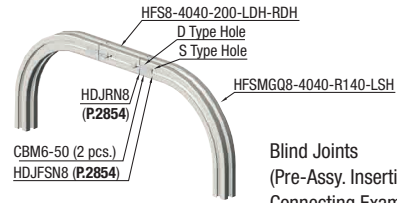


Material: A6N01SS-T5 Aluminum Alloy
Surface Treatment: Anodize

Part Number	R	Slot Width	Mass kg	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴
				I_x	I_y
HFSMGQ8-4040	140	10	1.2	640	10.4 x 10 ⁴

Part Number Example
HFSMGQ8-4040 - R140

Application Example



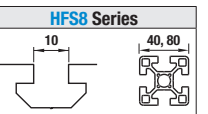
Part Number Alterations
HBL45TS8 - R140 - LTP-RCV

Alterations Code	Tap (P.2864)			D Hole (P.2871)				M Hole (P.2873)			
	LTP	RTP	TPW	LDH	LDV	RDH	RDV	LMH	LMV	RMH	RMV
Spec.	Tapping to the center hole. Tap Shape M12 Depth 36 LTP: Tapping on the Left End Face RTP: Tapping on the Bottom End Face TPW: Tapping on both ends. Ex. LTP			Adds D type hole in specified position. Can be connected with Single Joints P.2852. LDH / RDH: Adds a D hole on the left (bottom) of the extrusion in the horizontal direction. Ex. LDH LDV / RDV: Adds a hole on the left (bottom) of the extrusion in the vertical (right) direction. Ex. RDV				Adds M type hole in specified position. Can be connected with Center Joint or Post-Assembly Insertion Double Joints (P.2846, 2848). LMH / RMH: M hole is machined on the left (bottom) of the extrusion from the horizontal direction. Ex. LMH LMV / RMV: Adds a hole on the left (bottom) of the extrusion in the vertical (right) direction. Ex. RMV			
①	When the tapping and D, M, S or wrench holes are specified in combination, tap depth is the distance to D, M, S or wrench holes.			① LMV and RMV are not applicable to HFSMG8-4040.							

Alterations Code	S Hole (P.2872)				Wrench Hole (P.2866)				
	LSH	LSV	RSH	RSV	LCH	LCV	LCP	RCH	RCV
Spec.	Adds S type hole in the specified position. Can be connected with Pre-Assembly Insertion Double Joints (P.2854). LSH / RSH: Adds an S hole on the left (bottom) of the extrusion in the horizontal direction. Ex. LSH LSV / RSV: Adds a hole on the left (bottom) of the extrusion in the vertical (right) direction. Ex. RSV				LCH / RCH: Adds a wrench hole on the left (bottom) of the extrusion in the horizontal direction. Ex. RCH LCV / RCV: Wrench hole is machined on the left (bottom) of the extrusion from the vertical (right) direction. Ex. LCV LCP / RCP: Wrench hole is machined on the left (bottom) of the extrusion from the vertical (right) direction. Ex. LCP				
①	When the tapping and D, M, S or wrench holes are specified in combination, tap depth is the distance to D, M, S or wrench holes.								
	① LSV and RSV are not applicable to HFSMG8-4040.								

Brackets / Blind Brackets / Free Angle Brackets

Slot Type: HFS8 Series (Aluminum Extrusions 40, 80 Square)

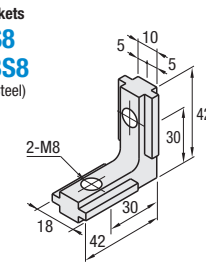


Blind Brackets

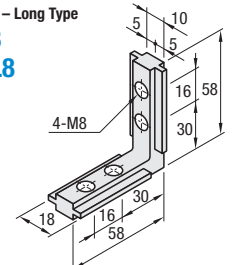
RoHS 10

Type	Material	Surface Treatment
HBLBS8	1045 Carbon Steel or Equivalent	Trivalent Chromate
SHBLBS8	CF-8 Stainless Steel Cast	—
HBLBSL8	1045 Carbon Steel or Equivalent	Trivalent Chromate
SHBLBSL8	CF-8 Stainless Steel Cast	—

Blind Brackets
HBLBS8
SHBLBS8
(Stainless Steel)



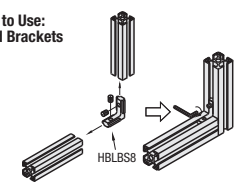
Blind Brackets - Long Type
HBLBSL8
SHBLBSL8



Part Number	Mass (g)	Changes Included Screw & Nut		Allowable Load (N)
		Screw	Qty.	
HBLBS8 SHBLBS8 (Stainless Steel)	70	Set Screw M8 x 10	2	1274
HBLBSL8 SHBLBSL8 (Stainless Steel)	87		4	1554

Application Example

How to Use: Blind Brackets

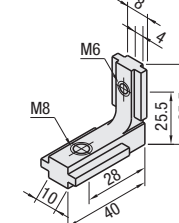


Blind Brackets for Different Extrusion Sizes

RoHS 10

Part Number	Mass (g)	Connectable Extrusion Series	Included Set Screw
		Type	
HABLBS8-6	50	HFS8 and HFS6 HFS8-45 and HFS6	M6x8: 1 pc., M8x10: 1 pc.

Blind Brackets for 40 & 30 Sq Extrusions
HABLBS8-6



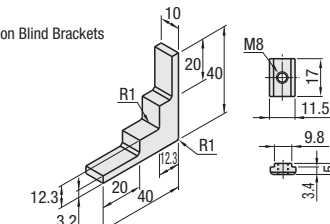
Type	Material	Surface Treatment
HABLBS8-6	1045 Carbon Steel or Equivalent	Trivalent Chromate

Post-Assembly Insertion Blind Brackets

RoHS 10

Part Number	Mass (g)	Accessory	Qty.	Allowable Load (N)
HABLBS8	47	Nut / Set Screw M8 x 6	2	700

Post-Assembly Insertion Blind Brackets
HABLBS8



Type	Material	Surface Treatment
HABLBS8	Post-Assembly Insertion BB Body	CF-8
	Post-Assembly Insertion BB Nut	304 Stainless Steel Sintered Alloy
	Set Screw	304 Stainless Steel

Application Example

How to Use Post-Assembly Insertion Blind Brackets

