

# 8 Series Aluminum Extrusions 40, 80mm Square

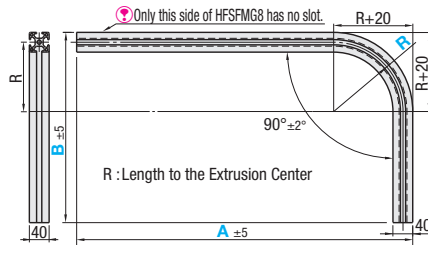
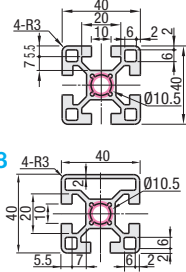
## Bent Aluminum Extrusions / Slot Width Mixed Extrusions / Brackets for Reinforcement

■ **Features:** Bending is applied to HFS8-4040.



**HFSMG8**

**HFSFMG8**



- ⊕ Bending is applied after anodizing; therefore, bent section may slightly discolor and becomes white.
- ⊕ When R=140, the frame slot may be deformed and becomes narrower in width at the spot where the frame is bent. Therefore, slot nut cannot be used.

**M** Material: A6N01SS-T5  
**S** Surface Treatment: Anodize

Part Number	A	B	R*	Series	Mass	Cross Sectional Moment of Inertia			
Type	No.	1mm Increment	1mm Increment		kg/m	mm <sup>4</sup>			
HFSMG	8-4040	200-1500	200-1000	140	HFS8	1.73	640	10.4x10 <sup>4</sup>	10.4x10 <sup>4</sup>
HFSFMG				300*					

\* Bent panels for R300 and R500 are not available.

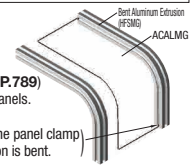
⊕ A and B dimensions not indicated in the price list are not available.



Ordering Example: Part Number - A - B - R  
HFSMG8-4040 - A350 - B700 - R140



Example



Insert Panel Clamps (P.789) into slots to secure panels.  
(Please be sure not to insert the panel clamp to the spot where the extrusion is bent.)

Part Number	A	Unit Price																	
		R140 B						R300 B			R500 B								
Type	No.	200-300	301-400	401-500	501-600	601-700	701-800	801-900	901-1000	400-500	501-600	601-700	701-800	801-900	901-1000	600-700	701-800	801-900	
HFSMG HFSFMG	8-4040	200-300																	
		301-400																	
		401-500																	
		501-600																	
		601-700																	
		701-800																	
		801-900																	
		901-1000																	
		1001-1100																	
		1101-1200																	
		1201-1300																	
		1301-1400																	
1401-1500																			

■ **Features:** Bent Aluminum Extrusions with a 140mm radius.

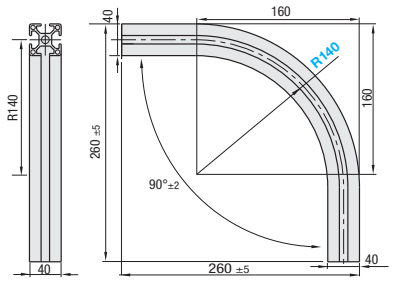
### 90-Degree Bent Aluminum Extrusions for Corner



**HFSMGQ8-4040**



**M** Material: A6N01SS-T5  
**S** Surface Treatment: Anodize

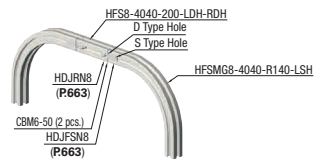


- ⊕ Bending is applied after anodizing; therefore, bent section may slightly discolor and becomes white.
- ⊕ The slot shape may change during the bending process, resulting in narrow slot width.

Part Number	R	Slot Width	Mass kg	Sectional Area mm <sup>2</sup>	Cross Sectional Moment of Inertia mm <sup>4</sup>	Unit Price
						Qty. 1 ~ 8 9-120
HFSMGQ8-4040	140	10	1.2	640	10.4x10 <sup>4</sup>	10.4x10 <sup>4</sup>



Example

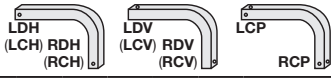


Ordering Example: Part Number - R  
HFSMGQ8-4040 - R140



Alterations: Part Number - A - B - R - (LTP, RTP, TPW--etc.)  
HFSMG8-4040 - A400 - B500 - R140 - LTP-RCV

Blind Joint (Pre-Assembly Insertion Double Joints) Connecting Examples



Alterations Code	Tapping (See P.757)			D Type Hole (See P.764)				M Type Hole (See P.766)				S Hole (See P.765)				Wrench Hole (See P.759)				
	LTP	RTP	TPW	LDH	LDV	RDH	RDV	LMH	LMV	RMH	RMV	LSH	LSV	RSH	RSV	LCH	LCV	LCP	RCH	RCV
Spec.	Tapping to the center hole. Tap Shape M1.2 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.661). LDH, RDH: D type hole is machined on the left (bottom) of the extrusion from the horizontal direction. Ex. LDH				Adds M type hole in specified position. Can be connected with Center Joints (P.662). LMH, RMH: M type hole is machined on the left (bottom) of the extrusion from the horizontal direction. Ex. LMH				Adds S type hole in specified position. Can be connected with Pre-Assembly Insertion Double Joints (P.663). LSH, RSH: S type hole is machined on the left (bottom) of the extrusion from the horizontal direction. Ex. LSH				LCH, RCH: Wrench hole is machined on the left (bottom) of the extrusion from the horizontal direction. Ex. RCH				
	Tapped			LDV, RDV: Adds a hole on the left (bottom) of the extrusion in the vertical (right) direction. Ex. RDV				LMV, RMV: Adds a hole on the left (bottom) of the extrusion in the vertical (right) direction. Ex. RMV				LSV, RSV: Adds a hole on the left (bottom) of the extrusion in the vertical (right) direction. Ex. RSV				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				
Applicable Extrusion	HFSMG8-4040 HFSFMG8-4040							⊕ LMH and RMV are not applicable to HFSMG8-4040.								⊕ LSV and RSV are not applicable to HFSFMG8-4040.				