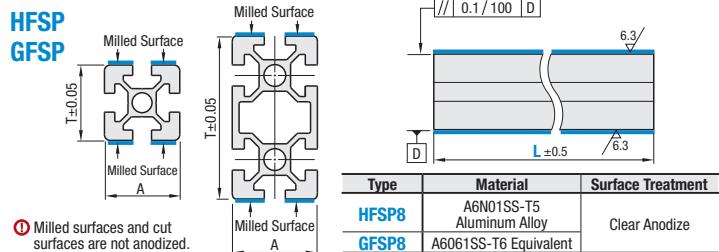


Aluminum Extrusions (HFS8 Series)

with Milled Surface

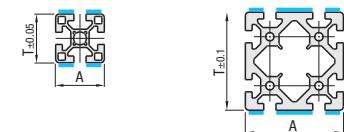
HFS8 Series		Fixing Parts		Others	
Brackets	Nuts	Joints	Extrusion End Caps	Alteration	
P.2777-2795	P.2796-2803	P.2844-2857	P.2839-2840	P.2862-2863	



① For detailed dimensions and shapes EXCEPT the slots on the milled surface, A and T dimensions, please refer to the drawing of the product of the below Part Number Without "P".
(Ex.) HFSP8-4040 → Ref. fig. HFS8-4040 (Refer to P.2766)

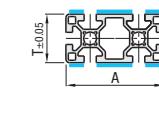
Square Type

HFSP8-4040 **HFSHP8-8080**



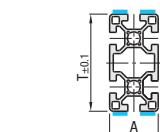
Rectangle Type (Horizontal)

HFSP8-8040



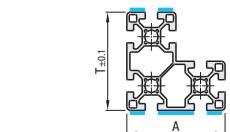
Rectangle Type (Vertical)

HFSP8-4080

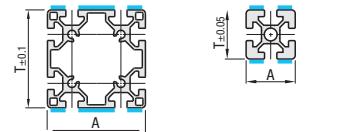


L-Shaped Type

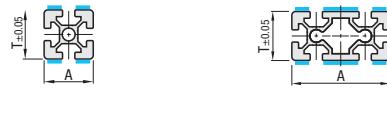
HFSP8-808040



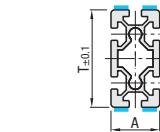
HFSP8-8080



GFSP8-4040



GFSP8-8040



GFSP8-4080



Part Number

L 0.5mm Increment

100-3000

Extrusion Series

T

A

HFSP8

4040

8040

4080

8080

808040

HFSHP8

8080

4040

8040

4080

8080

Part Number Example

Part Number - L

HFSP8-4040 - 300

Alterations

Counterboring

Wrench Hole

Code

Z Selection

XA

XB

XC

XD

XE

D Selection

AV

BV

CV

DV

EV

Spec.

Z

d

d₁

Distance from The Left End Plane mm

D

Distance from The Left End Plane mm

Specifications of Hole Size & Hole Position

6

6.5

11

7 - (L-7)

8

7 - (L-7)

Counterboring Direction

Wrench Hole Machining Direction

*1 When the cross section is rectangle (vertical), counterboring is not available for extrusions exceeding 60mm in the longitudinal direction.

*2 When the cross section is L-shaped, counterboring is only applicable to the lower section of extrusions exceeding 60mm in length direction.

Application Example

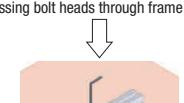
Linear Guide



Wrench Holes
BCB8-20

LFSP8-4040

Installed button bolts temporarily in reference plane, then slide the frame to fixing position, passing bolt heads through frame slot.



Put wrench in the wrench hole and tighten the screw.

Part Number Example

HFSP8 - 808040 - 150 - Z6

- XA20 - XB45 - XC80 - XD120

- AV100 - BV120 - CV1000 - DV1880 - EV1900

HFSP8 - 4040 - 2000 - D8

-

-

-

-

-

-

-

-

-

Part Number Example

HFSP8 - 8080 - 800 - LTP

-

-

-

-

-

-

-

-

-

-

-

-

-

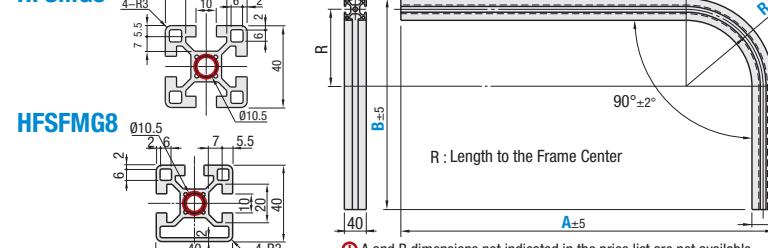
Aluminum Extrusions (HFS8 Series)

Curved Aluminum

HFS8 Series		Fixing Parts		Others	
Brackets	Nuts	Joints	Extrusion End Caps	Alteration	
P.2777-2795	P.2796-2803	P.2844-2857	P.2839-2840	P.2862-2863	

Curved Aluminum Extrusions

HFSMG8		HFSFMG8	
RoHS10		RoHS10	



- ① Bending is applied after anodizing; therefore, bent section may slightly discolor and becomes white.
- ② For R=140, the extrusion slot may be deformed and becomes narrower in width at the spot where the extrusion is bent. Therefore, slot nuts cannot be used.

Material: A6N01SS-T5 Aluminum Alloy

Surface Treatment: Anodize

Application Example



(Please be sure not to insert the panel clamp to the spot where the extrusion is bent.)
Insert Panel Clamps (P.2901) into slots to secure panels.

Part Number	A 1 mm Increment	B 1 mm Increment	R *	Series	Mass kg/m	Sectional Area mm ²	Cross Sectional Moment of Inertia mm ⁴ lx	Cross Sectional Moment of Inertia mm ⁴ ly
HFSMG HFSFMG	8-4040	200-1500	200-1000	140 300* 500*	HFS8	1.73	640	10.4 x 10⁴ 10.4 x 10⁴

* Bent panels for R300 and R500 are not available.

Part Number Example

HFSMG8-4040 - A350 - B700 - R140

Part Number	A	Available Types																
R140					R300					R500								
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

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