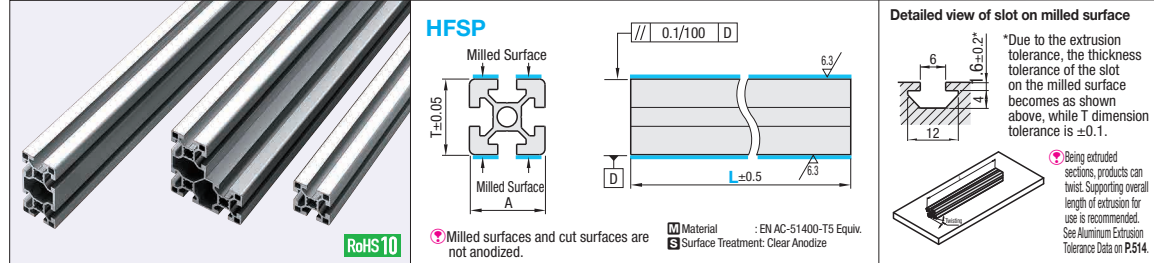


5 Series Aluminum Extrusions

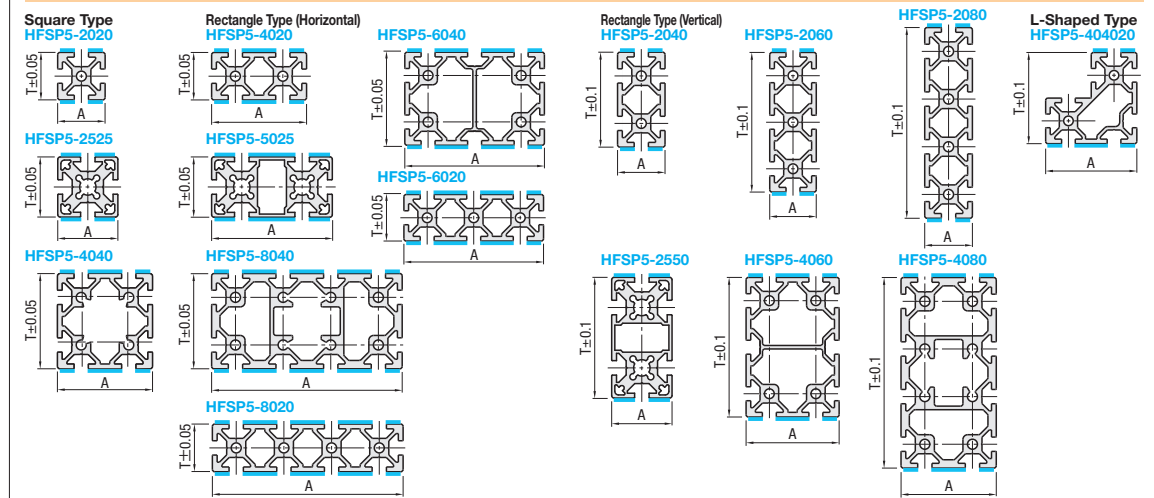
Aluminum Extrusions with Parallel Surfacing

5 Series		Fixing Parts		Others	
	20, 25, 40	Brackets	Joints	Nut	Extrusion End Caps
		P535	P551	P557	P755
		P550	P554	P566	P768
				P567	P768

■ Features: Milled on upper and lower surfaces. Usable for Linear Guides, etc.



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.) HFSP5-2020 → Ref. fig. HFS5-2020(P.529)



Part Number	L 0.5mm Increment	Extrusion Series	T	A	Unit Price (Less than 300mm)	Unit Price/m (300mm or More)	Alteration Charge (Main Body +) Counterboring XA - XE (per Row)	Wrench Hole Drilling AV - EV (per Row)	Tap Shape	Tapping (See P.757) Left LTP	Right RTP	Both TPW
2020			19.2	20								
4020			19.2	40								
2040			39.2	20								
2525			24.2	25								
5025			24.2	50								
2550			49.2	25								
6020			19.2	60								
2060			59.2	20								
8020			19.2	80								
2080			79.2	20								
4040			39.2	40								
6040			39.2	60								
4060			59.2	40								
8040			39.2	80								
4080			79.2	40								
404020			39.2	40								

Ordering Example
Part Number - L
HFSP5-2020 - 300

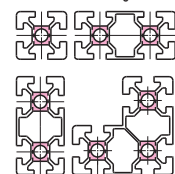
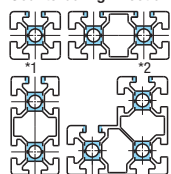
Alterations Adds a hole at a specified position.

Nuts for Extrusions
Use nuts for aluminum extrusions on P557~566.

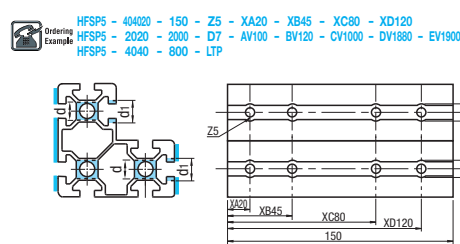
Alterations				Counterboring						Wrench Hole					
Code	Z Selection			XA	XB	XC	XD	XE	D Selection	AV	BV	CV	DV	EV	
Spec.	Z	d	d1	Distance from the Left End Plane mm					D	Distance from the Left End Plane mm					
Specifications of Hole	5	5.5	9.5	7~(L-7)					7	7~(L-7)					
Size and Position	6	6.5	11												

Counterboring Direction

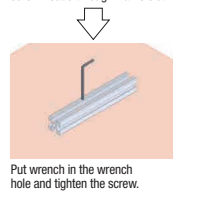
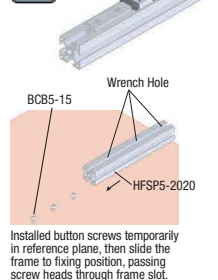
Wrench Hole Machining Direction



*1 When the cross section is rectangle (vertical), counterboring is not available for extrusions exceeding 60mm in the length direction.
*2 When the cross section is L-shaped, counterboring is not available for extrusions exceeding 60mm in longitudinal direction, except for the lower portion.



Example
Linear Guides

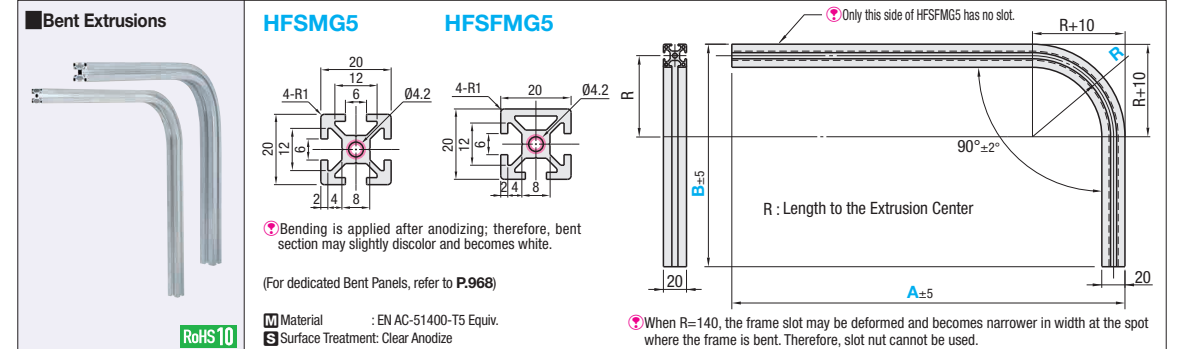


5 Series Aluminum Extrusions

Bent Extrusions / Brackets for Reinforcement

5 Series		Fixing Parts		Others	
	20	Brackets	Joints	Nut	Extrusion End Cap
		P535	P551	P557	P755
		P550	P554	P566	P768
				P567	P768

■ Features: Bending is applied to HFSG-2020. Combination use with Bent Panel (P.968) is possible.



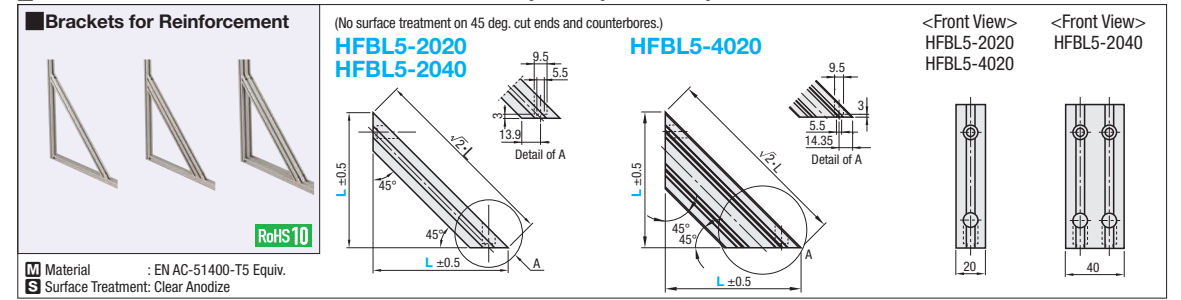
Part Number	A	B	R*
Type	No.	1mm Increment	1mm Increment
HFSGMG	5-2020	200~1500	200~1000
HFSGFMG			140 300 500*

Type	Series	Mass kg/m	Sectional Area mm²	Cross Sectional Moment of Inertia mm⁴
HFSGMG	HFSG5	0.50	183	0.742x10⁴
HFSGFMG				0.742x10⁴

* Bent panels for R300 and R500 are not available.
Ordering Example
Part Number - A - B - R
HFSGMG5-2020 - A350 - B700 - R140

Part Number		Unit Price											
Type	No.	R140				R300				R500			
		B				B				B			
HFSGMG	5-2020	200~300	301~400	401~500	501~600	601~700	701~800	801~900	901~1000	400~500	501~600	601~700	701~800
		301~400	401~500	501~600	601~700	701~800	801~900	901~1000	1001~1100	501~600	601~700	701~800	801~900
		401~500	501~600	601~700	701~800	801~900	901~1000	1001~1100	1101~1200	601~700	701~800	801~900	901~1000
		501~600	601~700	701~800	801~900	901~1000	1001~1100	1101~1200	1201~1300	701~800	801~900	901~1000	1001~1100
		601~700	701~800	801~900	901~1000	1001~1100	1101~1200	1201~1300	1301~1400	801~900	901~1000	1001~1100	1101~1200
		701~800	801~900	901~1000	1001~1100	1101~1200	1201~1300	1301~1400	1401~1500	901~1000	1001~1100	1101~1200	1201~1300
		801~900	901~1000	1001~1100	1101~1200	1201~1300	1301~1400	1401~1500		1001~1100	1101~1200	1201~1300	1301~1400
		901~1000	1001~1100	1101~1200	1201~1300	1301~1400	1401~1500			1101~1200	1201~1300	1301~1400	1401~1500
		1001~1100	1101~1200	1201~1300	1301~1400	1401~1500				1201~1300	1301~1400	1401~1500	
		1101~1200	1201~1300	1301~1400	1401~1500					1301~1400	1401~1500		
		1201~1300	1301~1400	1401~1500						1401~1500			
		1301~1400	1401~1500										
		1401~1500											

■ Features: Reinforcement Brackets machined from extrusions. Usable on locations needing more strength after connecting with brackets.



Part Number	L 1mm Increment	Applicable Screw and Nut	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.	Screw	Quantity	1~4 pc(s)	5~20	21~50
HFBL5	2020	CBM5-8	2			
	2040	HNTT5-5	4			
	4020		2			

Alterations
Part Number - L - (C, SET, SST, SEU, SSU, SEP, SSP, SEC)
HFBL5-2020 - 300 - SET

Alterations	Code	Spec.	Applicable Bracket
Applicable Screws and Nuts Set	SET (Stainless Steel)	Applicable screws and nuts for fixing the brackets on extrusions come in a set. (Adds to the bracket price.) (Ex.) When HFBL5 is specified	HFBL5-2020
	SEU (Pre-Assembly Insertion Spring Nuts)		HFBL5-2040
	SSU (Pre-Assembly Insertion Spring Nuts)		HFBL5-4020
	SEP (Post-Assembly Insertion Spring Nuts)		
	SSP (Post-Assembly Insertion Spring Nuts)		
	SSS (Post-Assembly Insertion Spring Nuts)		

Not RoHS compliant when -SET, -SEU or -SEP are specified.