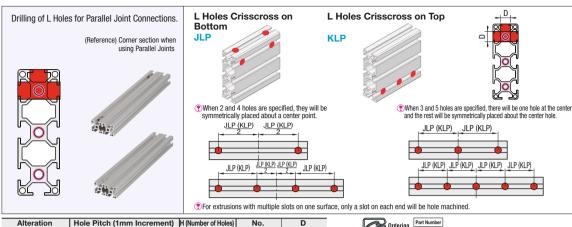
L Hole Alterations

Blind Joints which require this alteration

Parallel Joints P.554, etc.



D+4.9~ L-D-10 H-1

Thole pitch on Top/Bottom can be separately specified, but the number of holes will be equal on top and bottom.

	Alteratio	ons		L Hole (Charge per 1 Hol Crisscross on Top Section	e Location) Crisscross on Bottom Section		Alteration	ons		L Hole (Charge per 1 Hol Crisscross on Top Section	e Location) Crisscross on Bottom Secti
Code				L Hole Dia.								JLP	KLP
Features	Type	No.	Page	1	JEF	KLF	Features	Code Type	No.	Page	1	JEF	KLF
Four-Side Slots	HFS5 NFS5 CAF5 HFSY5	2020 2040 2060 2080 2525	P.529 P.530 P.531	Ø7.1		-	Four-Side Slots	HFS8 EFS8 NFS8 NEFS8 GFS8	8080 80160 808040 8 8080	P.631 P.633 P.636 P.635	013.1		-
		2550 4040 4060 4080	50 40 P.530 60 P.534		-	-		CAF8 HFSY8 HFSH8 HFSF8 NFSF8 EFSF8 GFSF8		P.636 P.637 P.635 P.632			-
3-Side Slot 1Side Flat	HFSF5	404020 2020 2040	P.532 P.529			-	3-Side Slot 1Side Flat		4080 8080 4040	P.634 P.635 P.632			
Two-Side Slots Two	NFSF5	4040 2020	P.530 P.529				Two-Side Slots Two Flats	HFST8 NEFST8 EFST8 GFST8	4080 8080	P.634 P.635			
Flats Two Slots on Opposite Sides	HFST5 NFST5 HFSH5	4040	P.530			-	Two Slots on Opposite Sides	HFSH8 EFSH8	4040 4080	P.632 P.634			-
One-Side Slot Three Flats	HFSC5	2020	P.529				One-Side Slot Three Flats	HFSC8 EFSC8	4040	P.632			
Angled	HFS30A5 HFS45A5 HFS60A5	20	P.532				Light Type	HFSL8 NFSL8	4040 4080	P.631 P.633			
	HFSB5	2020 2040 2525	P.529 P.530				Angled	HFS30A8 HFS45A8 HFS60A8	40	P.637		-	-
Black Anodize	NFSB5	2550 4040	P.531 P.530		-	-		HFSB8 EFSB8	4040 4080 40120	P.631 P.633 P.636			
Curved	HFSTB5 HFSR5	2020 2020 404020	P.529		-	-			40160 8080 80160	P.636 P.635 P.636			
	HFS6 EFS6 NFS6 NEFS6 GFS6 CAF6 HFSY6	3030 3060 3090 30120	P.571 P.573 P.576			-	Black Anodize	HFSFB8 EFSFB8 HFSTB8 EFSTB8	4040	P.632			-
Four-Side Slots		5050 50100 100100	P.579		-	-	Curved	HFSLB8	4040 4080 4040 808040	P.631 P.633 P.637		-	
		6060 6090 60120 606030 30300	P.575 P.577 P.578 P.576				* Number of holes do				able x Number o	f Holes)	ı
3-Side Slot 1Side Flat	HFSF6 EFSF6 NFSF6	3030 3060 5050 6060	P.572 P.574 P.579		-	-							
Two-Side Slots Two Flats	HFST6 EFST6	3030 3060 5050	P.575 P.572 P.574 P.579										
Two Slots on Opposite Sides	NEFST6 HFSH6	6060 3030 3060	P.575 P.572			-							
One-Side Slot Three Flats	HFSC6 EFSC6	3060	P.574 P.572										
Light Type	NFSL6 HFSL6	3060 5050	P.571 P.573 P.579	011.1									
Heavy Type	HFSG6	6060	P.575										
Angled	HFS30A6 HFS45A6 HFS60A6	30	P.578		-	-							
		3030 3060	P.571 P.573										
Black Anodize	HFSB6 EFSB6 NFSB6 NEFSB6	3090 30120	P.576										
		5050 50100 100100	P.579		-	-							
	HFSFB6 EFSFB6 HFSTB6 EFSTB6	3030	P.575			-							
Curved	NFSR6 HFSR6	3060 3030 606030	P.573 P.578		-								

Standard of Extrusion Position

Placing method of the extrusion, which is a basis to determine right and left is shown as follows.

- 1) On the vertical length
- 2 Flat side down









• When the extrusion is on the vertical length and also has a flat side, ① has the priority.



















can be specified separately.





cannot be specified.

Other Special Alterations

End plates mounting for GFS series

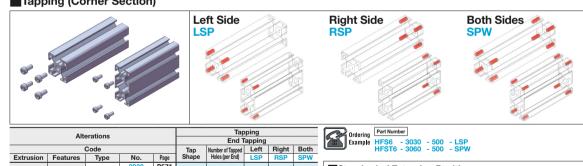
Machines countersink and tapped hole in order to mount the end plate for high rigidity aluminum extrusions.

Alteration	ons	Hole Machining for End Plate Mounting					
Code)	LTS	RTS	TSW			
Spec		Machined on the Left End Screw Countersink Depth 36* * Depth 24 for GFS6 Series	Machined on the Right End Extrusion Screw Screw Countersink Depth 36* * Depth 24 for GFS6 Series	Machined on both ends. Countersink Depth 36* Countersink Depth 36*			
Applicable Extrusion	Applicable Screw			* Depth 24 for GFS6 Series			
GFS6-3030	SHFBS8-15 x 1 pc.						
GFS6-3060	SHFBS8-15 x 2 pcs.						
GFS8-4040							
GFS8-4545	SHFBS12-20						
GFS8-5050	x 1 pc.						
GFS8-6060							
GFS8-4080							
GFS8-4590							
GFS8-50100	SHFBS12-20						
GFS8-9090	x 2 pcs.						
GFS8-100100							
GFS8-100200							

■End plates mounting for HFSR5-404020 and HFSR6-606030

Alteratio	ons	Hole Machining for End Plate Mounting					
Code		LTS	RTS	TSW			
Spec.		The diagram below shows the basic extrusion position. LTS: Machined on the Left End RTS: Machined on the Right End TSW: Machined on Both Ends					
Applicable Extrusion Applicable Screw			Ex. LTS				
HFSR5-404020	SHFBS5-6						
HFSR6-606030	SHFBS8-12						

■ Tapping (Corner Section)



							~			*	
	Alt	Tapping End Tapping					Ordering Part Number Example HFS6 - 3030 - 500 - LSP				
Code					Тар	Number of Tapped		Right	Both	HFST6 - 3060 - 500 - SPW	
Extrusion	Features	Туре	No.	Page	Shape	Holes (per End)	LSP	RSP	SPW		
		CAF6	3030	P.571						Standard of Extrusion Position	
			3060	P.573						Placing method of the extrusion, which is a basis to determine right and left is shown as follows.	
		HFS6	3030	P.571						(1) On the vertical length	
HFS6 Series	Four-Side Slots		3060	P.573						② Flat side down	
			3090	P.576						③ One flat side down and another flat side right	
			30120	1.570						Example of (1) Example of (2) Example of (3) * Example of L-Shape	
			6090	P.577						Example of () Example of (2) Example of (3) Example of L-Shape	
			60120								
			606030	P.578							
		HFSV6	3030	P.580	M5 Depth 10					I had had had had	
			3060	1.560							
111 30 361163	3-Side Slot 1Side Flat	HFSF6	3030	P.572							
			3060	P.574							
	Two-Side Slots Two Flats	HFST6	3030	P.572						[67 50 [67 57] [67 5777 50]	
			3060	P.574						• When the extrusion is on the vertical length and also has a flat side, (1) has the priority.	
	Two Slots on Opposite Sides	HFSH6	3030	P.572							
			3060	P.574						• For center section tapping, see P.757.	
	One-Side Slot Three Flats	HFSC6	3030	P.572							
	District Association	HFSB6	3030	P.571							
			HFSB6 3060 P.573								