

Blind Joint Components

Screw Joints for 6 Series (Slot Width 8mm) Aluminum Extrusions

Alterations necessary to use this component

Tapping	Wrench Hole
☑ P.757	☑ P.759

Blind Joint Components

Simple Joint Kits for 6 Series (Slot Width 8mm) Aluminum Extrusions

Alterations necessary to use this component

Tapping
☑ P.757

Features: Cost saving blind joints. Including Rotation Stoppers.

Screw Joints

(Reference) Corner section when using this joint

HCJ (Trivalent Chromate)
SHCJ (Stainless Steel)

A Screw

B Joint Plate

Type	Components	Material	Surface Treatment
HCJ	Screw	SCM435	Trivalent Chromate
	Joint Plate	SPCC	Chromate
SHCJ	Screw	SUS304 Equivalent	-
	Joint Plate	SUS304	-

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Part Number	Components		HCJ	SHCJ
Type	No.	A Screw	Unit Price	Unit Price
			1-99 pc(s).	1-99 pc(s).
HCJ (Trivalent Chromate) SHCJ (Stainless Steel)	6	M8	100~	100~120

Ordering Example: Part Number SHCJ6

Applicable Extrusion No.	[Exception] Extrusion Not Available
6-3030* 6-3060 6-3090 6-30120	
6-5050 6-50100 6-100100	
6-6060 6-6090 6-60120	

* Curved HFSR6-3030 is not applicable since wrench holes cannot be added.

Example How to Connect Screw Joints (Tapped holes or wrench holes are required on the extrusion.)

Step	1	2	3
Diagram			
Labels	① HFS6-3030-1000-LTP Screw Joint Plate Length (Optional)	② HFS6-3030-1000-RCV Wrench Hole Length (Optional)	Wrench Hole

Features: Screw joint installable without alterations. (Wrench holes are necessary on the mating extrusion.)

Aluminum Extrusions with Built-in Screw Joints

JFSC6-3030L (Left End Face Screw Joint Pre-Inserted Type)

JFSC6-3030W (Both End Face Screw Joints Pre-Inserted Type)

Wrench holes are necessary on the mating extrusion. JFSC6-3030L

HFS6-3030 (Wrench Hole Machining)

Part Name	Material	Surface Treatment
Aluminum Extrusion	A6N01SS-T5	Anodize
Screw	SCM435	Trivalent Chromate
Joints	SPCC	Chromate

Part Number	Joint Component	L	Extrusion	Built-in Joint Component	A	Required Wrench	Extrusion Unit Price	Joints, Others
		0.5mm Increment		Quantity		for Tightening	Less than 300mm	300mm or more
JFSC	6-3030	100~4000	HFS6-3030 (P571)	HCJ6	1 2	30	For M8	

Ordering Example: Part Number JFSC6-3030L - L 1200

Alterations Alterations only on this page are available.

Alterations	Code	Spec.			Alterations	Code	Spec.		
		Extrusion	Tap	Depth			Extrusion	H	Hole Dia.
Right End Face Tapping	RTP	6-3030	M8	24	Right End Face Wrench Hole	RCH	6-3030	15	8

☑ JFS □□-□□□□ L is only applicable to Left End Face Joint Pre-Inserted Type.

☑ Applicable to JFSC□-□□□□L and JFSS□-□□□□L only.

Features: Only end tapping is required on extrusions. Simple joints with good workability.

Single Joint Kits

(Reference) Corner section when using this joint

Part Name	Material	Surface Treatment
Main Body	S45C	Trivalent Chromate
Dedicated Screws	SCM435	Trivalent Chromate
Set Screw		Black Oxide Film

HUJ (Single Joint Kits)

① Simple Joint Body (Set Screw Included) ② Dedicated Screws

Extrusion A and B are fastened as a set screw pushes the head of the dedicated screw.

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Part Number	Components		HUJ
Type	No.	① Simple Joint Body (Set Screw Included) ② Dedicated Screws	Unit Price
			1-99 pc(s).
HUJ6	6		100~300

Ordering Example: Part Number HUJ6

Simple Joints	Applicable Extrusion No.			
HUJ6	6-3030	6-3060	6-3090*	6-30120*
	6-5050			
	6-6060			

* Rectangle frame might have less fastening points depending on the direction of fastening. (Refer to the app. example of HFS6-3090 on the next page.)

Example To insert a panel into extrusion slots, notching may be required depending on the mounting direction of Simple Joint.

When notching is not necessary

Example of the case when panel notches are necessary

Features: Simple joint installable without alterations. (No holes are required on the mating extrusion.)

Aluminum Extrusions with Built-in Simple Joints

JFSU6-3030L (Left End Face Simple Joint Pre-Inserted Type)

JFSU6-3030W (Both End Face Simple Joints Pre-Inserted Type)

Joint components will be shipped loosely tightened.

Part Name	Material	Surface Treatment
Aluminum Extrusion	A6N01SS-T5	Anodize
Main Body	S45C	Trivalent Chromate
Dedicated Screws	SCM435	Black Oxide Film

Part Number	Joint Component	L	Extrusion	Built-in Joint Component	A	Extrusion Unit Price	Joints, Others
		0.5mm Increment		Quantity		Less than 300mm	300mm or more
JFSU	6-3030	100~4000	HFS6-3030 (P571)	HUJ6	1 2		

Alterations Alterations only on this page are available.

Alterations	Code	Spec.			Alterations	Code	Spec.		
		Extrusion	Tap	Depth			Extrusion	H	Hole Dia.
Right End Face Tapping	RTP	6-3030	M8	24	Right End Face Wrench Hole	RCH	6-3030	15	8

☑ JFS □□-□□□□ L is only applicable to Left End Face Joint Pre-Inserted Type.

☑ Applicable to JFS□-□□□□L and JFS□-□□□□L only.