

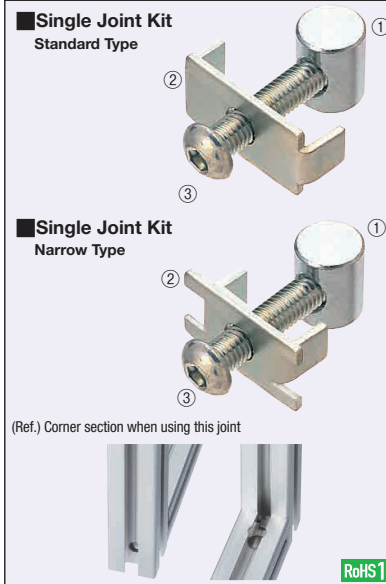
Blind Joint Components

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

Alterations necessary to use this component

Wrench Hole P.759 D Type Hole Alterations P.764

■ Features: D holes added on the extrusions do not penetrate to the flat surface. Blind Joints with very good appearance.



Type	Components					
	① Joint Nut		② Plate		③ Screw	
	Material	Surface Treatment	Material	Surface Treatment	Material	Surface Treatment
HSJ	SS400	Trivalent Chromate	SPCC	Trivalent Chromate	SCM435	Trivalent Chromate
HSJS	SUS316 Equivalent	-	SUS304	-	SUS304	-
HSJNS	SUS304	-	SUS304	-	SUS304	-

• Single Joint Kits - Standard
Use it when edges of two extrusions are connected perpendicularly, after a hole is drilled in each extrusion.

HSJ (Steel Type) ① Joint Nut Nut (SS400)
HSJS (Stainless Steel) ② Joint Plate Plate (SPCC) Stainless Steel Plate (SUS304)

Stainless Steel Nut 6-50, 6-60(SUS304) Others Stainless Steel Nut (SUS304 / SUS316 Equivalent, Sintered) Stainless Steel Plate (SUS304)

• For only Stainless Steel Nut 6-50 and 6-60, the material is SUS304.

• Single Joint Kits - Narrow
Shape of Narrow Type has altered so that its joint section does not collide with the panel when the panel is inserted into the extrusion slot.

HSJNS (Stainless Steel Type) ① Joint Nut Nut (SUS316 Equivalent, Sintered) ② Narrow Type Joint Plate Narrow Plate (SUS304)

Stainless Steel Nut 6-50, 6-60

■ Single Joint Kits - Standard / Narrow

Type	Part Number	Extrusion (Type)	① Joint Nut (1 pc.)		② Joint Plate		③ Hex Socket Button Head Cap Screw		Steel Type		Stainless Steel Type		
			SS400	SUS304/SUS316 Equivalent	SPCC	SUS304	SCM435	SUS304	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	
Standard Type	HSJ	6-50	Nut 6	1	Plate 6	1	Button Head Cap Screw M6-25	1	100~	100~	100~	100~	
			HSJS	6-60	1	Stainless Steel Plate 6-50	1	Button Head Cap Screw M6-25	1	100~	100~	100~	100~
			HSJNS	6-60	1	Stainless Steel Plate 6-60	1	Button Head Cap Screw M6-25	1	100~	100~	100~	100~
Narrow Type	HSJNS	6-50	Nut 6	1	Narrow Plate 6-50	1	Button Head Cap Screw M6-25	1	100~	100~	100~	100~	
			6-60	1	Narrow Plate 6-60	1	Button Head Cap Screw M6-25	1	100~	100~	100~	100~	
			6-60	1	Narrow Plate 6-60	1	Button Head Cap Screw M6-25	1	100~	100~	100~	100~	

① Dimension of Joint Nut

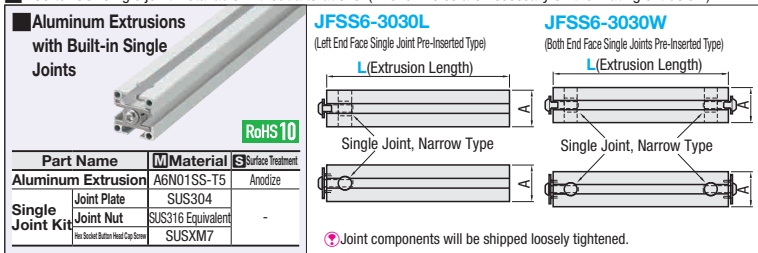
Type	Size	M	D	P	L
Nut	6	6	11	20	12
	6-50			30	42
	6-60				

② Dimension of Joint Plate

Type	Size	SPCC				SUS304/SUS316 Equivalent						
		N	A	B	L	t	B	L	t	K		
Plate	6	6.5	8	14	29	7.6	1.6	14	-	29	7.5	1.5
	6-50				19					19		
Narrow Plate	6	6.5	5	-	15	3	25	19	7.5	1.5	12.2	
	6-50											

Ordering Example Part Number **HSJ8**

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



Part Number	Joint Component	L	Extrusion	Built-in Joint Component	Required Wrench	Extrusion Unit Price		Joints, Others
						Single Joints	Quantity	
JFSS	6-3030	100-4000	HFS6-3030 (P.571)	HSJNS6	1	30	For M6	
					2			

Alterations Alterations only on this page are available.

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



Single Joint Connection Method (Connect the extrusions at the corners.)

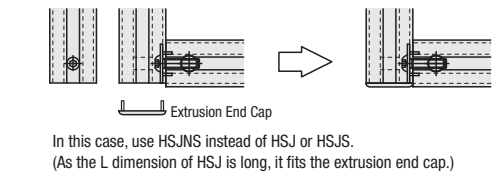
Step	Front View	Side View	Sketch Drawing
1			Drills D type hole in the extrusion. Insert a joint nut (1) in the extrusion where hole D is drilled.
2			Put the button head screw (3) through the joint plate (2), lightly tighten it temporarily.
3			Put the Joint Plate (2) through the Extrusion with Wrench Holes (3) and slide to the bottom of (A).
4			Tighten the button head screw (3) with a hex wrench through the wrench hole.

Specification Method by Part Number (30 Square as an Example)

- ① **HFS6-3030-1000-LDH**
Length Adds a D type hole on the left side of the extrusion in the horizontal direction.
- ② **HFS6-3030-800-LCV**
Length Adds a D type hole on the left side of the extrusion in the horizontal direction. (Optional) Adds a wrench hole vertically on the left side of the extrusion.
- HSJNS6 (Single Joint, Narrow Type)
- ① Stainless Steel Nut 6
 - ② Narrow Plate 6
 - ③ Button Head Cap Screw Stainless Steel M6-25

Method of Shortening the Extrusion to Compensate for the Thickness of Extrusion End Cap (Single Joint, Narrow Type)

For normal specification, the extrusion end cap adds its thickness to the length of the extrusion when it is mounted. With optional specification of the extrusion and change of the single joint, extrusion end cap and extrusion can be flat. Specify the extrusion length 3mm shorter (one side) to compensate for the thickness of the extrusion end cap. (The length is shortened by 6mm when wrench holes are located at both ends.)



Extrusions Applicable to Single Joint (Not applicable to extrusions not listed in the table.)

Features	Extrusion			Features	Extrusion			Features	Extrusion					
	Type	No.	Applicable Single Joint		Type	No.	Applicable Single Joint		Type	No.	Applicable Single Joint			
Four-Side Slots	HFS6	3030	HSJ6 / HSJS6 / HSJNS6	Four-Side Slots	HFS8	4040	HSJ8 / HSJS8 / HSJNS8	Four-Side Slots	HFS8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	GFS6	3060	HSJ6 / HSJS6 / HSJNS6		EF8	4080	HSJ8 / HSJS8 / HSJNS8		GFS8	4590	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	EFS6	3090	HSJ6 / HSJS6 / HSJNS6		CAF8	40120	HSJ8 / HSJS8 / HSJNS8		EF8	45180	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	CAF6	30120	HSJ6 / HSJS6 / HSJNS6		HFSY8	40160	HSJ8 / HSJS8 / HSJNS8		NEFS8	45180	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	HFSY6	6060	HSJS6-60 / HSJNS6-60		3-Side Slot 1Side Flat	HFSF8	4040		HSJ8 / HSJS8 / HSJNS8	3-Side Slot 1Side Flat	HFSF8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45	
	NFS6	6090	HSJS6-60 / HSJNS6-60			GF8	4040		-		GF8	4545	-	
	NEFS6	60120	HSJS6-60 / HSJNS6-60			EF8	4040		-		EF8	4545	-	
						NEFS8	4040		-		NEFS8	4545	-	
	3-Side Slot 1Side Flat	HFSF6	3030		HSJ6 / HSJS6 / HSJNS6	Two-Side Slots Two Flats	HFSF8		4040	HSJ8 / HSJS8 / HSJNS8	Two-Side Slots Two Flats	HFST8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45
		EF6	3060		HSJ6 / HSJS6 / HSJNS6		GF8		4040	-		GF8	4545	-
Two-Side Slots Two Flats	NEFS6	6060	HSJS6-60 / HSJNS6-60	Two Slots on Opposite Sides	EF8	4040	-	Two Slots on Opposite Sides	HFST8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45			
					EF8	4040	-		EF8	4545	-			
Two Slots on Opposite Sides	HFSH6	3030	HSJ6 / HSJS6 / HSJNS6	One-Side Slot Three Flats	HFSH8	4040	HSJ8 / HSJS8 / HSJNS8	One-Side Slot Three Flats	HFSH8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	EF6	3060	HSJ6 / HSJS6 / HSJNS6		EF8	4040	-		EF8	4545	-			
One-Side Slot Three Flats	HFSC6	3030	HSJ6 / HSJS6 / HSJNS6	Light Type	HFSC8	4040	HSJ8 / HSJS8 / HSJNS8	Light Type	HFSL8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	EF6	3060	HSJ6 / HSJS6 / HSJNS6		HFSL8	4040	HSJ8 / HSJS8 / HSJNS8		HFSL8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45			
Black Anodize	HFSB6	3030	HSJ6 / HSJS6 / HSJNS6	Black Anodize	HFSB8	4040	HSJ8 / HSJS8 / HSJNS8	Black Anodize	HFSB8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	EF8	3060	HSJ6 / HSJS6 / HSJNS6		EF8	4080	HSJ8 / HSJS8 / HSJNS8		EF8	4590	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	NEFS6	6060	HSJS6-60 / HSJNS6-60		HFSB8	4040	HSJ8 / HSJS8 / HSJNS8		HFSB8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	HFSB6	3030	HSJ6 / HSJS6 / HSJNS6		HFST8	4040	-		HFST8	4545	-			
	HFST6	3030	-		HFSB8	4040	HSJ8 / HSJS8 / HSJNS8		HFSB8	4545	HSJ8-45 / HSJS8-45 / HSJNS8-45			
	HFSL6	3030	HSJ6 / HSJS6 / HSJNS6		HFST8	4040	-		HFST8	4545	-			