# Blind Joint Components

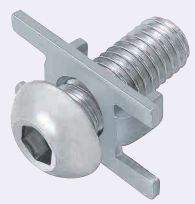
## Screw Joints for 8-45 Series (Slot Width 10mm) Aluminum Extrusions

For details of fastening method, see **P.603**.
Alterations necessary to use this component

| Tapping | Wrench Hole |
|---|---|
| P.757 | P.759 |

**Features:** Cost saving blind joints. Including Rotation Stoppers.

### Screw Joints

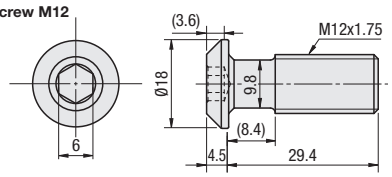


(Reference) Corner section when using this joint

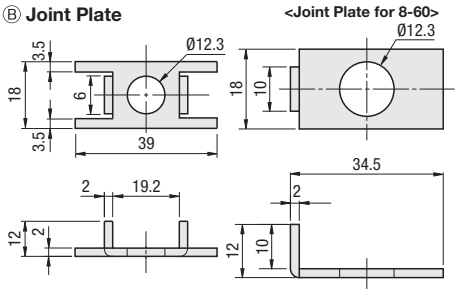
RoHS10

**HCJ** (Trivalent Chromate)

Ⓐ **Screw**

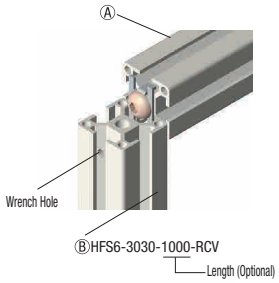


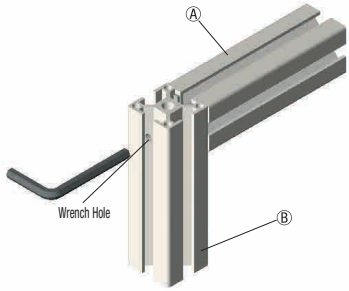

Ⓑ **Joint Plate**




| Type | Components | Material | Surface Treatment |
|---|---|---|---|
| HCJ | Screw | SCM435 | Trivalent Chromate |
| | Joint Plate | SPCC | |

**Example**




| Part Number | | Components | | Unit Price | Volume Discount Rate |
|---|---|---|---|---|---|
| Type | No. | Ⓐ Screw | Ⓑ Joint Plate | 1~99 pc(s). | 100~160 |
| HCJ (Trivalent Chromate) | 8-45 | M12 | 8-45 | | |
| | 8-60 | | For 8-60 | | |

| Screw Joints | Applicable Extrusion No. | [Exception] Extrusion Not Available |
|---|---|---|
| HCJ8-45 | 8-4545*<br>8-4590*<br>8-45180 | * Not applicable to HFSL (light type).<br>*Curved HFSR8-4545 is not applicable since wrench holes cannot be added.<br>For GFS8-100100 and GFS8-100200, bracket connection is recommended as they are heavy. |
| HCJ8-60 | 8-6060 | - |

**Ordering Example**

| Part Number |
|---|
| HCJ8-45 |

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

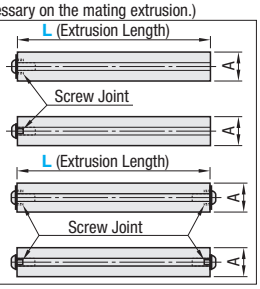
### Aluminum Extrusions with Built-in Screw Joints

RoHS10

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

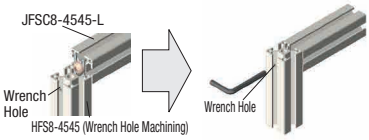
**JFSC□-□□□□L**
(Left End Face Screw Joint Pre-Inserted Type)

**JFSC□-□□□□W**
(Both End Face Screw Joints Pre-Inserted Type)




**Example**

Wrench holes are necessary on the mating extrusion.



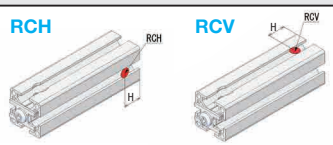

| Part Number | | Joint Component | L 0.5mm Increment | Extrusion | Built-in Joint Component: Screw Joints | Quantity | A | Required Wrench for Tightening | Extrusion Unit Price: Less than 300mm | 300mm or more | Joints, Others |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JFSC | 8-4545 | L (Left End Face only) | 100~4000 | HFS8-4545 (P.681) | HCJ8-45 | 1 | 45 | For M12 | | | |
| | | W (Double End Faces) | | | | 2 | | | | | |
| | 8-6060 | L (Left End Face only) | | HFS8-6060 (P.689) | HCJ8-60 | 1 | 60 | | | | |
| | | W (Double End Faces) | | | | 2 | | | | | |

**Ordering Example**

| Part Number | - | L |
|---|---|---|
| JFSC8-4545L | - | 1200 |

**Alterations**

Alterations only on this page are available.

| Alterations | Code | Spec. Extrusion | Tap | Depth |
|---|---|---|---|---|
| Right End Face Tapping<br>Applicable to Left End Pre-Inserted Type only. | RTP<br>Right End Face<br>Tapping | 8-4545 | M12 (Heli-Coil Insert) | 18 |

| Alterations | Code | Spec. Extrusion | H | Hole Dia. |
|---|---|---|---|---|
| Right End Face Wrench Hole<br>Applicable to Left End Pre-Inserted Type only. | RCH<br>RCV | 8-4545 | 22.5 | 8 |