

Blind Joint Components

Single Joint Kits for 8-45 Series (Slot Width 10mm) Aluminum Extrusions

For details of fastening method, see P.609.

Alterations necessary to use this component

Wrench Hole
P.759

D Type Hole Alterations
P.764

Features: D type holes (SS on 40) added on the extrusions do not penetrate to the flat surface. Blind Joints with very good appearance.

Single Joint Kits Standard Type



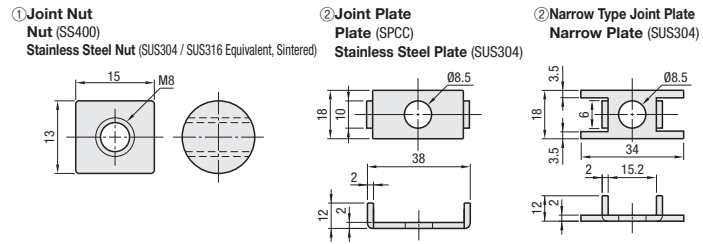
Single Joint Kits Narrow Type



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

HSJ (Steel Type)
HSJS, HSJNS (Stainless Steel Type)



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

| Features | Extrusion | | |
|--------------------------------|--|-------|----------------------------------|
| | Type | No. | Applicable Single Joint |
| Four-Side Slots | HFSS8-45 Series 45mm Square, Slot Width 10mm | | |
| | HFS8 GFS8 EFS8 NEFS8 | 4545 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| | | 4590 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| | | 45180 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| 3-Side Slot 1 Side Flat | HFSF8 GFSF8 EFSF8 NEFSF8 | 4545 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| Two-Side Slots Two Flats | HFT8 GFT8 EFT8 | 4545 | - |
| Two Slots on Opposite Sides | HFSH8 EFSH8 | 4545 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| One-Side Slot Three Flats | HFSC8 EFC8 | 4545 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| Light Type | HFSL8 | 4545 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| | HFSLF8 | 4545 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| Black Anodize | HFSLT8 | 4545 | - |
| | HFSB8 EFSB8 | 4545 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| | HFSFB8 | 4545 | HSJ8-45 HSJS8-45 HSJNS8-45 |
| | HFSTB8 | 4545 | - |

Single Joint Kits - Standard / Narrow

Refer to the table on the right for the application to each extrusion.

| Type | Part Number | No. | ① Joint Nut (1 pc.) | ② Joint Plate (1 pc.) | ③ Hex Socket Button Head Cap Screw (1 pc.) | Unit Price | Volume Discount Rate |
|---------------|------------------------------|------|--------------------------|----------------------------|---|------------|----------------------|
| Standard Type | HSJ | 8-45 | Nut 8-45 | Plate 8-45 | Button Head Cap Screw M6-25 | 1~99 pc(s) | 100~200 |
| | HSJS (Stainless Steel) | | Stainless Steel Nut 8-45 | Stainless Steel Plate 8-45 | Button Head Cap Screw Stainless Steel M6-25 | | |
| Narrow Type | HSJNS (Stainless Steel Type) | | Stainless Steel Nut 8-45 | Narrow Plate 8-45 | Button Head Cap Screw Stainless Steel M6-25 | | |

* Not applicable to 45 Square Light Type Series (HFSL8-45).

For orders larger than indicated quantity, please check with WOS.

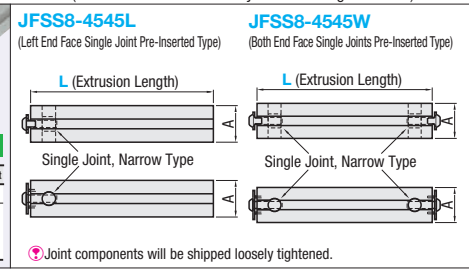
② Dimension of Joint Plate

| Type | Size | N | A | SPCC | | | | SUS304/SUS316 Equivalent | | | | | |
|--------------|------|-----|----|------|----|----|-----|--------------------------|-----|----|----|-----|------|
| | | | | B | L | T | t | B | E | L | T | t | K |
| Plate | 8-45 | 8.5 | 10 | 18 | 38 | 12 | 2.0 | 18 | - | 43 | 12 | 2.0 | - |
| Narrow Plate | 8-45 | 8.5 | 6 | - | - | - | - | 18 | 3.5 | 39 | 12 | 2.0 | 19.2 |

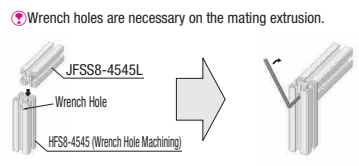
Ordering Example
Part Number
HSJ8-45

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

Single Joints Aluminum Extrusions with Built-in



Example
Wrench holes are necessary on the mating extrusion.



| Part Name | M Material | S Surface Treatment |
|--------------------|----------------------------------|---------------------|
| Aluminum Extrusion | AGN01SS-T5 | Anodize |
| Single Joints Kit | Joint Plate | SUS304 |
| | Joint Nut | SUS316 Equivalent |
| | Hex Socket Button Head Cap Screw | SUSXM7 |

Joint components will be shipped loosely tightened.

| Part Number | Joint Component | L 0.5mm Increment | Extrusion | Built-in Joint Component | A | Required Wrench for Tightening | Extrusion Unit Price | Joints, Others |
|-------------|-----------------|-------------------|-------------------|--------------------------|---|--------------------------------|----------------------|----------------|
| JFSS | 8-4545 | 100~4000 | HFSS8-4545 (P681) | Single Joints | 1 | 45 | For M8 | |
| | | | | Quantity | | | | |

Ordering Example
Part Number - L
JFSS8-4545L - 1200

Alterations
Alterations only on this page are available.

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

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