

Fence Extrusions

C Extrusions / H Extrusions

Fence Extrusions – C Extrusions

HFSFES30-3
3mm Thick One-Sided for 30 Square

HFSFES30-5
5mm Thick One-Sided for 30 Square

HFSFES40-3
3mm Thick One-Sided for 40 Square

HFSFES40-5
5mm Thick One-Sided for 40 Square

Material: 6063-T5 Aluminum Alloy
Surface Treatment: Clear Anodize

RoHS10

| Type | Part Number | | L 1 mm Increment | Mass kg/m | Sectional Area mm ² | Cross Sectional Moment of Inertia mm ⁴ | |
|--------|-------------|--|---------------------|--------------|-----------------------------------|---|-------|
| | No. | | | | | I_x | I_y |
| HFSFES | 30-3 | | 50-4000 | 0.34 | 125 | 1074 | 9933 |
| | 30-5 | | | 0.41 | 150 | 2035 | 10690 |
| | 40-3 | | | 0.42 | 153 | 1430 | 22510 |
| | 40-5 | | | 0.48 | 176 | 2656 | 23830 |

Fence Extrusions – H Extrusions

HFSFEW30-3
3mm Thick Both-Sided for 30 Square

HFSFEW30-5
5mm Thick Both-Sided for 30 Square

HFSFEW40-3
3mm Thick Both-Sided for 40 Square

HFSFEW40-5
5mm Thick Both-Sided for 40 Square

Material: 6063 Aluminum Alloy-S-T5
Surface Treatment: Clear Anodize

RoHS10

| Type | Part Number | | L 1 mm Increment | Mass kg/m | Sectional Area mm ² | Cross Sectional Moment of Inertia mm ⁴ | |
|--------|-------------|--|---------------------|--------------|-----------------------------------|---|-------|
| | No. | | | | | I_x | I_y |
| HFSFEW | 30-3 | | 50-4000 | 0.395 | 145 | 1132 | 10040 |
| | 30-5 | | | 0.476 | 175 | 2148 | 10160 |
| | 40-3 | | | 0.51 | 188 | 1524 | 23770 |
| | 40-5 | | | 0.64 | 235 | 2844 | 23890 |

Part Number Example
Part Number: HFSFES30-3 - L: 1200

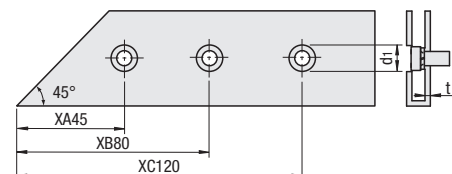
Application Example
Specified hole machining is available.

| Alterations | Centerboring | | | | | D Selection | Through Hole | | | | | | |
|---|--------------|-----|----------------|-------------------------------|----|----------------|--------------|----|-------------------------------|----|----|----|--|
| | Z | XA | XB | XC | XD | | XE | XA | XB | XC | XD | XE | |
| Code | Z | XA | XB | XC | XD | XE | XA | XB | XC | XD | XE | | |
| Spec. | 5 | d | d ₁ | Distance from the Left End mm | | | | | Distance from the Left End mm | | | | |
| Specifications of Hole Size & Hole Position | 6 | 5.5 | 9.5 | 7 - (L-7) | | | | | 7 - (L-7) | | | | |
| | | 6.5 | 11 | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Specified Hole Machining
 (1) Select hole type and size Z (for Counterbore) or D (for Through hole).
 (2) Specify the distance from the left end to holes XA / XB / XC / XD / XE in order.
 (3) Specify up to 5 counterbores or through holes. Ⓢ Combination of counterbore and through hole is not available.

| Alteration | 45° Cut Ⓢ Applicable to HFSFES only | |
|------------|-------------------------------------|-------|
| | Left | Right |
| Code | LCT45 | RCT45 |
| Spec. | | |

Part Number Alterations Example
Part Number: HFSFES30-3 - L: 150 - Alteration: LCT45 - Z5 - XA45 - XB80 - XC120



- For counterbores, the screw goes in as much as the thickness of t.
 - The side walls of counterbores may break due to drilling.

Fence Extrusions / Joint Brackets

Panel Mounting

(1) Assembling Panel Extrusions
 Ⓢ Joint Brackets and Ⓢ Fence Extrusions (C Type) are mounted with screws on the Ⓢ Extrusion Frame fastened to the base with Ⓢ Anchors.

(2) Inserting Panel
 Panels are installed by sliding into the extrusion slots.

(3) Fixing Panel
 Panels are mounted onto the Ⓢ Fence Extrusions (C Type) with Ⓢ Joint Brackets. (Install additional aluminum extrusions with anchors.)

Connecting Fence Extrusions to Aluminum Extrusions

Fence extrusions need to be drilled before connecting to aluminum extrusion.
 (1) Example of Counterbores (Even if the cover caps for bolts BTCSW are not used, there is no problem.)

3 mm Thick Plates

5 mm Thick Plates

(2) Example of Through Holes

Joint Brackets

HFSJD

| Type | Part Number | | A | B | G | H | J | K | L |
|-------|-------------|--|----|------|-----|-----|-----|-----|----|
| | No. | | | | | | | | |
| HFSJD | 30-3 | | 30 | 10.5 | 7.5 | 8.5 | 4 | 4.5 | 8 |
| | 30-5 | | 30 | 10.5 | 7.5 | 8.5 | 5.5 | 6.5 | 10 |
| | 40-3 | | 40 | 15.5 | 12 | 13 | 4 | 4.5 | 8 |
| | 40-5 | | 40 | 15.5 | 12 | 13 | 5.5 | 6.5 | 10 |

Part Number Example
Part Number: HFSJD30-3