

FATH® T-Slotted Rail Accessories

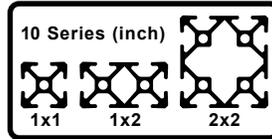
Brackets

- Connects two T-slot rails together at a 90° angle
- Recommended ADC Fastener based on part features and slot depth
- Material: varies by part



10 Series Brackets

Fits Slot Size 6



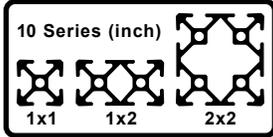
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link | | | |
|---------------------------|------------|---------|----------------------------|--|-------------------------|----------------------------|-------------------|---------------------|----|-------------------|---------------------|
| | | | | Core Hole Attachment ① | *T-Slot Attachment ② | | | | | | |
| 148915 | | \$1.50 | Angle Bracket | n/a | | 1 | Die-cast aluminum | PDF | | | |
| 148915-10 | | \$11.50 | | | | 10 | | | | | |
| 166249 | | \$1.50 | | | | 1 | Die-cast zinc | PDF | | | |
| 151059 | | \$4.00 | | | | 10 | | | | | |
| 151059-10 | | \$38.00 | | | | | | | | | |
| 166250 | | \$4.00 | | | | | | | | | |
| 151058 | | \$2.50 | | | | Inside Corner Bracket | n/a | | 10 | Die-cast zinc | PDF |
| 151058-10 | | \$24.00 | | | | | | | | | |
| 166248 | | \$3.00 | | | | | | | | | |
| 151061 | | \$4.75 | | | | Tall Inside Corner Bracket | n/a | | 10 | Anodized aluminum | PDF |
| 151061-10 | | \$45.00 | | | | | | | | | |
| 166252 | | \$5.00 | Wide Inside Corner Bracket | n/a | | 1 | Anodized aluminum | PDF | | | |
| 151060 | | \$4.75 | | | | | | | | | |
| 166251 | | \$5.00 | | | | | | | | | |
| 151062 | | \$6.75 | Inside Corner Bracket | n/a | | 10 | Anodized aluminum | PDF | | | |
| 151062-10 | | \$65.00 | | | | | | | | | |
| 166253 | | \$8.00 | | | | | | | | | |

*T-Slot Nut also required.

** Recommended fastener not available from AutomationDirect.com

FATH® T-Slotted Rail Accessories

Brackets - Continued

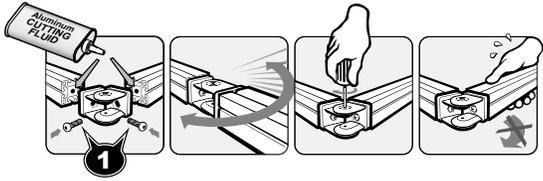
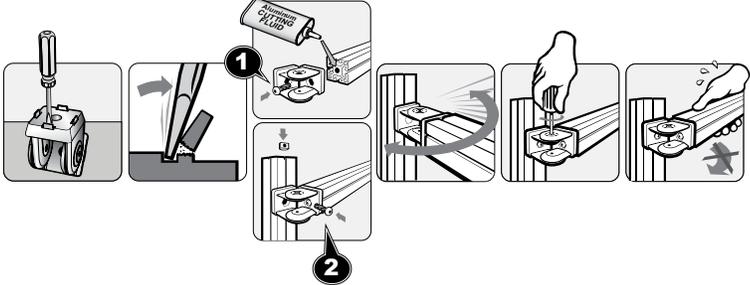
| 10 Series Brackets - Cont'd | | | | | | | | |
|-----------------------------|---|--|-------------------------------------|---|-----------------------------|---------------------|-------------------|------------------------|
| | | Fits  Slot Size 6 | |  | | | | |
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link |
| | | | | Core Hole Attachment 1 | *T-Slot Attachment 2 | | | |
| 151063 |  | \$3.00 | Gusseted Inside Corner Bracket | n/a | 151040 | 1 | Anodized aluminum | PDF |
| 151063-10 | | \$26.00 | | | | 10 | | PDF |
| 166254 |  | \$3.00 | PDF | | | | | |
| 151064 |  | \$5.25 | Tall Gusseted Inside Corner Bracket | | | PDF | | |
| 166255 |  | \$6.00 | | | | PDF | | |
| 151065 |  | \$5.75 | Wide Gusseted Inside Corner Bracket | | | PDF | | |
| 166256 |  | \$6.00 | | | | PDF | | |
| 151066 |  | \$10.50 | Gusseted Inside Corner Bracket | | | 1 | | PDF |
| 166257 |  | \$12.00 | | | | | | PDF |
| 151067 |  | \$30.50 | Pivot Joint | | | | | 161103 |
| 166258 |  | \$36.00 | | PDF | | | | |
| 148932 |  | \$39.50 | Pivot Joint With Locking Handle | PDF | | | | |
| 166259 |  | \$47.00 | | PDF | | | | |

*T-Slot Nut also required.

** Recommended fastener not available from AutomationDirect.com

FATH® T-Slotted Rail Accessories

Brackets - Continued

| Brackets Installation | |
|---|--|
| Core Hole Installation | T-Slot Installation |
| Pivot Joint | |
|  |  |

FATH® T-Slotted Rail Accessories

Brackets

- Connects two T-slot rails together at a 90° angle
- Recommended ADC Fastener based on part feature and slot depth
- Material: varies by part

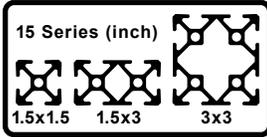


| 15 Series Brackets | | | | | | | | | | | | | | |
|---------------------------|------------|-------------------|----------------------------|--|----------------------|----------------------------|-------------------|---------------------|---------------------|-------------------|---------------------|---------------------|---------------------|---------------------|
| | | Fits Slot Size 8 | | | | | | | | | | | | |
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link | | | | | | |
| | | | | Core Hole Attachment 1 | *T-Slot Attachment 2 | | | | | | | | | |
| 148916 | | \$4.00 | Angle Bracket | n/a | 151100 | 1 | Die-cast aluminum | PDF | | | | | | |
| 148916-10 | | \$38.00 | | | | 10 | | | | | | | | |
| 166321 | | \$4.00 | | | | 1 | | 161054 | 1 | Die-cast aluminum | PDF | | | |
| 151125 | | \$7.75 | | | | | | | | | PDF | | | |
| 166322 | | \$9.00 | | | | | | | | | PDF | | | |
| 151126 | | \$11.50 | | | | | | | | | Die-cast zinc | 151101 | 1 | PDF |
| 166323 | | \$13.00 | | | | | | | | | | | | PDF |
| 151124 | | \$3.75 | | | | Inside Corner Bracket | | n/a | 151100 or 151101 | 10 | Anodized aluminum | PDF | | |
| 151124-10 | | \$35.00 | | | | | | | | | | 1 | PDF | |
| 166320 | | \$4.00 | | | | | | | | | | | PDF | |
| 151127 | | \$6.50 | | | | Wide Inside Corner Bracket | | n/a | 151100 or 151101 | 10 | Anodized aluminum | PDF | | |
| 151127-10 | | \$62.00 | | | | | | | | | | PDF | | |
| 166324 | | \$8.00 | Tall Inside Corner Bracket | n/a | 151100 or 151101 | 1 | Anodized aluminum | PDF | | | | | | |
| 151128 | | \$6.00 | | | | | | 10 | PDF | | | | | |
| 151128-10 | | \$56.00 | | | | | | | PDF | | | | | |
| 166325 | | \$7.00 | PDF | | | | | | | | | | | |
| 148906 | | \$9.00 | Inside Corner Bracket | n/a | 151100 or 151101 | 1 | Anodized aluminum | PDF | | | | | | |
| 166326 | | \$11.00 | | | | | | PDF | | | | | | |

*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

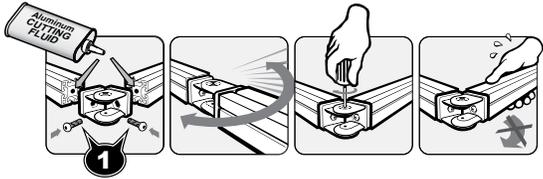
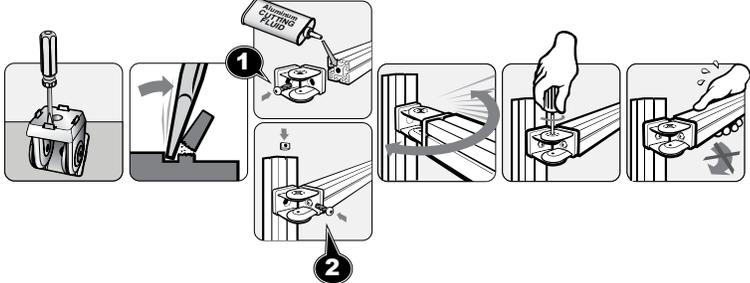
Brackets - Continued

| 15 Series Brackets - Continued | | | | | | | | |
|--------------------------------|---|----------------|-------------------------------------|---|--|---------------|---------------------|---------------------|
| | | Slot Size 8 | |  | | | | |
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link |
| | | | | Core Hole Attachment ① | *T-Slot Attachment ② | | | |
| 151129 |  | \$3.75 | Gusseted Inside Corner Bracket | | | 1 | Anodized aluminum | PDF |
| 151129-10 | | \$35.00 | | | | 10 | | PDF |
| 166327 |  | \$4.00 | | | | | | PDF |
| 151130 |  | \$7.75 | Tall Gusseted Inside Corner Bracket | | | | | PDF |
| 166328 | | \$9.00 | | | | | | PDF |
| 148910 |  | \$6.75 | Wide Gusseted Inside Corner Bracket | n/a | 151100 or 151101 | | | PDF |
| 166329 | | \$8.00 | | | | | | PDF |
| 151131 |  | \$13.00 | Gusseted Inside Corner Bracket | | | 1 | | PDF |
| 166330 | | \$16.00 | | | | | | PDF |
| 151132 |  | \$29.50 | Pivot Joint | | | | | PDF |
| 166331 | | \$35.00 | | | | | PDF | |
| 148933 |  | \$39.50 | Pivot Joint With Locking Handle | 161055 | 151100 | | PDF | |
| 166332 | | \$45.00 | | PDF | | | | |

*T-Slot Nut also required.

FATH[®] T-Slotted Rail Accessories

Brackets - Continued

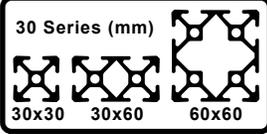
| Brackets Installation | |
|---|--|
| Core Hole Installation | T-Slot Installation |
| Pivot Joint | |
|  |  |

FATH® T-Slotted Rail Accessories

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- Connects two T-slot rails together at a 90° angle
- Recommended ADC Fastener based on part feature and slot depth
- Material: varies by part

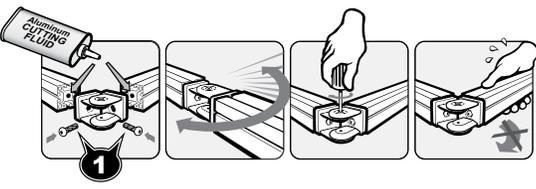
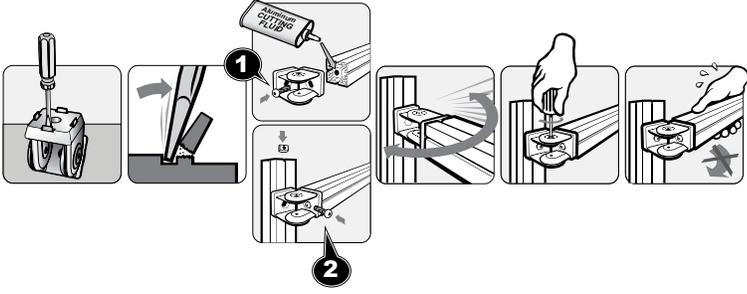
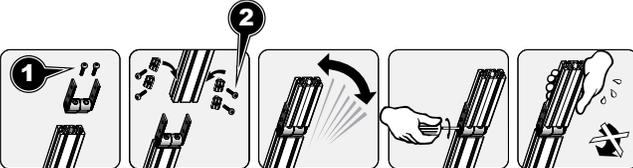
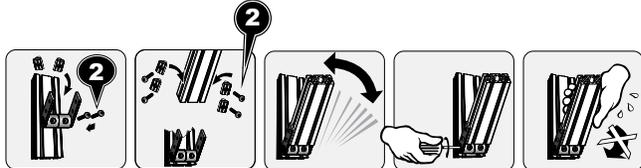


| 30 Series Brackets | | | | | | | | |
|------------------------|---|--|-------------------------------------|--|-----------------------------|---------------|---------------------------------------|---------------------|
| | | Fits  Slot Size 8 | |  | | | | |
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link |
| | | | | Core Hole Attachment 1 | *T-Slot Attachment 2 | | | |
| 151195 |  | \$4.25 | Inside Corner Bracket | n/a | 161059 | 1 | Anodized aluminum | PDF |
| 151196 |  | \$5.25 | Wide Inside Corner Bracket | | | | | PDF |
| 151197 |  | \$5.75 | Tall Inside Corner Bracket | | | | | PDF |
| 151198 |  | \$11.00 | Inside Corner Bracket | | | | | PDF |
| 162989 |  | \$2.25 | Gusseted Inside Corner Bracket | | | | | PDF |
| 162990 |  | \$4.75 | Tall Gusseted Inside Corner Bracket | | | | | PDF |
| 162991 |  | \$4.75 | Wide Gusseted Inside Corner Bracket | | | | | PDF |
| 162992 |  | \$8.00 | Gusseted Inside Corner Bracket | | | | | PDF |
| 151199 |  | \$28.50 | Pivot Joint | 161102 Requires manually tapping core hole to M8-1.25 x 20mm DP | 161099 | 1 | Die-cast zinc | PDF |
| 151200 |  | \$38.50 | Pivot Joint With Locking Handle | | | | | PDF |
| 163014 |  | \$27.50 | 1-Slot Pivot Joint | Not possible | 161092 | 1 | Die-cast zinc/die-cast aluminum/nylon | PDF |
| 163017 |  | \$36.50 | 2-Slot Pivot Joint | | | | | PDF |

*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

Brackets - Continued

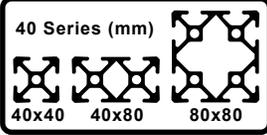
| Brackets Installation | |
|---|--|
| Core Hole Installation | T-Slot Installation |
| <p>Pivot Joint</p>  <p>Manually tap core hole for screw</p> |  |
| <p>Pivot Joint</p>  |  |

FATH® T-Slotted Rail Accessories

Brackets

- Connects two T-slot rails together at a 90° angle
- Recommended ADC Fastener based on part feature and slot depth
- Material: varies by part

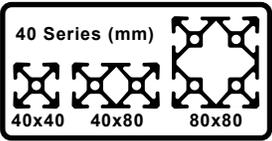


| 40 Series Brackets | | | | | | | | | | | |
|---------------------------|---|--|----------------------------|---|--------------------------------|---------------------|---------------------|------------------------|---------------------|--|---------------------|
| | | Fits  | |  | | | | | | | |
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link | | | |
| | | | | Core Hole Attachment 1 | *T-Slot Attachment 2 | | | | | | |
| 151125 |  | \$7.75 | Angle Bracket | n/a | | 1 | Die-cast aluminum | PDF | | | |
| 166322 |  | \$9.00 | | | | | | 151241 | PDF | | |
| 151126 |  | \$11.50 | | | 161068 | | PDF | | | | |
| 166323 |  | \$13.00 | | | | | PDF | | | | |
| 151222 |  | \$4.25 | Inside Corner Bracket | | n/a | | 10 | Anodized aluminum | PDF | | |
| 151222-10 |  | \$40.00 | | | | | | | PDF | | |
| 166381 |  | \$5.00 | | | | PDF | | | | | |
| 151223 |  | \$6.25 | Wide Inside Corner Bracket | | | n/a | | 1 | Anodized aluminum | PDF | |
| 166382 |  | \$7.00 | | | | | | | | 151183 or 151184 | PDF |
| 151224 |  | \$6.25 | Tall Inside Corner Bracket | | | | n/a | | 1 | Anodized aluminum | PDF |
| 166383 |  | \$7.00 | | | | | | | | | PDF |
| 151225 |  | \$11.50 | Inside Corner Bracket | | | | | n/a | | 1 | Anodized aluminum |
| 166384 |  | \$14.00 | | PDF | | | | | | | |

*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

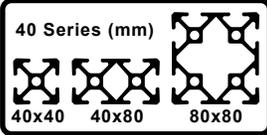
Brackets - Continued

| 40 Series Brackets - Cont'd | | | | | | | | | | |
|-----------------------------|---|--|-------------------------------------|---|--|---------------------|---------------|---------------------|---|---------------------|
| | | Fits  | |  | | | | | | |
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link | | |
| | | | | Core Hole Attachment 1 | *T-Slot Attachment 2 | | | | | |
| 151226 |  | \$3.75 | Gusseted Inside Corner Bracket | n/a | 151183 or 151184 | 1 | Die-cast zinc | PDF | | |
| 151226-10 | | \$35.00 | | | | 10 | | PDF | | |
| 166385 |  | \$4.00 | PDF | | | | | | | |
| 151227 |  | \$9.00 | Tall Gusseted Inside Corner Bracket | | | PDF | | | | |
| 166386 | | \$11.00 | PDF | | | | | | | |
| 148911 |  | \$6.75 | Wide Gusseted Inside Corner Bracket | | | PDF | | | | |
| 166387 |  | \$8.00 | | | | PDF | | | | |
| 151228 |  | \$14.50 | Gusseted Inside Corner Bracket | | | 161105 | | 161066 | 1 | PDF |
| 166388 | | \$17.00 | | | | | | | | PDF |
| 151229 |  | \$29.50 | Pivot Joint | | | | | | | PDF |
| 166389 | | \$36.00 | | PDF | | | | | | |
| 151230 |  | \$39.50 | Pivot Joint With Locking Handle | PDF | | | | | | |
| 166390 | | \$47.00 | | PDF | | | | | | |

*T-Slot Nut also required.

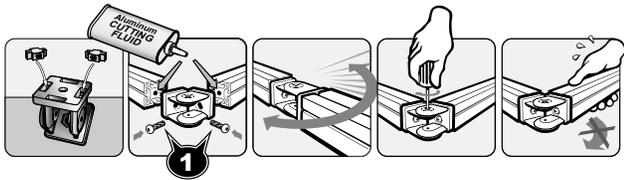
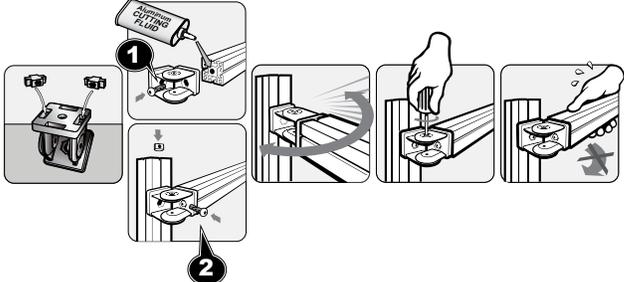
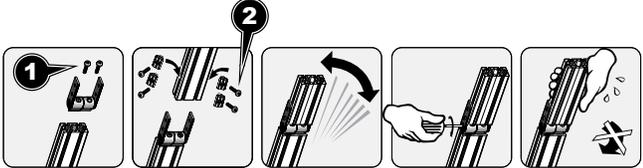
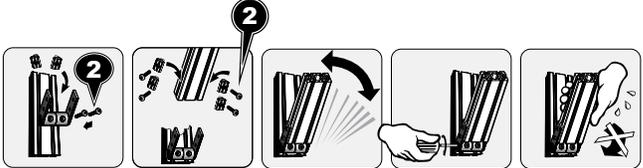
FATH® T-Slotted Rail Accessories

Brackets - Continued

| 40 Series Brackets - Continued | | | | | | | | |
|--------------------------------|---|--|--------------------|---|-----------------------------|---------------|---------------------------------------|---------------------|
| | | Fits  Slot Size 8 | |  | | | | |
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link |
| | | | | Core Hole Attachment 1 | *T-Slot Attachment 2 | | | |
| 163015 |  | \$31.25 | 1-Slot Pivot Joint | 161105 | 161068 | 1 | Die-cast zinc/die-cast aluminum/nylon | PDF |
| 163018 |  | \$41.00 | 2-Slot Pivot Joint | | | | | PDF |

*T-Slot Nut also required.

Brackets Installation

| Core Hole Installation | T-Slot Installation |
|---|--|
| Pivot Joint* | |
|  |  |
| Pivot Joint | |
|  |  |

*For 45 series installation, the 10mm embossed key should face toward the aluminum extrusion upon assembly.

FATH® T-Slotted Rail Accessories

Brackets

- Connects two T-slot rails together at a 90° angle
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- Material: varies by part

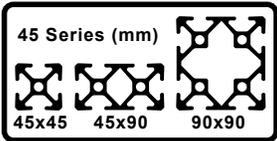


| 45 Series Brackets | | | | | | | | |
|---------------------------|------------|---------|-------------------------------------|--|--|---------------|-------------------|---------------------|
| | | | | | | | | |
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link |
| | | | | Core Hole Attachment ① | *T-Slot Attachment ② | | | |
| 151251 | | \$4.00 | Angle Bracket | n/a | 151241 | 1 | Die-cast aluminum | PDF |
| 151251-10 | | \$37.00 | | | | 10 | | PDF |
| 151252 | | \$7.75 | PDF | | | | | |
| 148899 | | \$5.25 | Inside Corner Bracket | | PDF | | | |
| 148902 | | \$7.50 | Wide Inside Corner Bracket | | PDF | | | |
| 148904 | | \$7.50 | Tall Inside Corner Bracket | | PDF | | | |
| 148907 | | \$11.50 | Inside Corner Bracket | | PDF | | | |
| 148912 | | \$5.25 | Gusseted Inside Corner Bracket | | 151183 or 151184 | 1 | Anodized aluminum | PDF |
| 148914 | | \$12.00 | Tall Gusseted Inside Corner Bracket | | PDF | | | |
| 148913 | | \$11.00 | Wide Gusseted Inside Corner Bracket | | PDF | | | |
| 148979 | | \$21.50 | Gusseted Inside Corner Bracket | PDF | | | | |

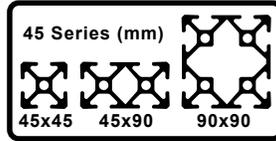
*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

Brackets - Continued

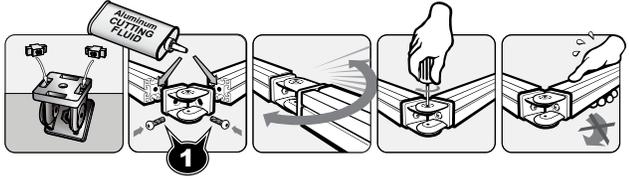
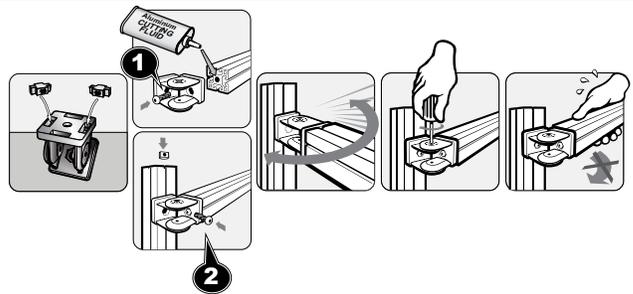
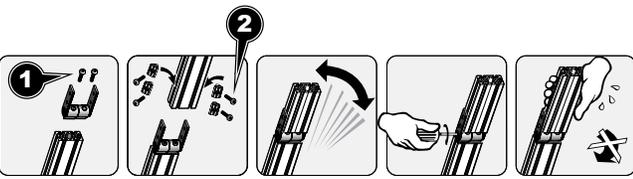
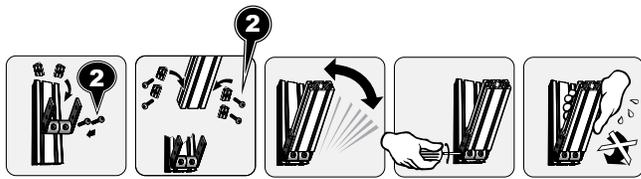
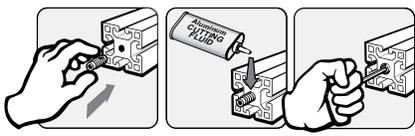
| 45 Series Brackets - Continued | | | | | | | | |
|--------------------------------|---|---|---------------------------------|---|--------------------------------|---------------|---------------------------------------|---------------------|
| | | Slot Size Fits  | |  | | | | |
| Part Number | Part Image | Price | Description | Recommended Screw Fastener (ADC Part Number) | | Pack Quantity | Material | Drawing Link |
| | | | | Core Hole Attachment 1 | *T-Slot Attachment 2 | | | |
| 151253 |  | \$29.50 | Pivot Joint | 161042 and 161067 Install 161042 first then 161067 | 161067 | 1 | Die-cast zinc | PDF |
| 151254 |  | \$39.50 | Pivot Joint With Locking Handle | | | | | PDF |
| 163016 |  | \$35.00 | 1-Slot Pivot Joint | 161069 and 161042 install 161042 first then 161069 | 161068 | | Die-cast zinc/die-cast aluminum/nylon | PDF |
| 163019 |  | \$53.00 | 2-Slot Pivot Joint | | | | | PDF |

*T-Slot Nut also required.

| 45 Series Reducer Bushing | | | | | | | |
|---------------------------|---|---|----------------------------|---|-------------|---------------|---------------------|
| | | 45 Series Fits  Core Hole | |  | | | |
| Part Number | Part Image | Price | Thread X Length | Description | Color | Pack Quantity | Drawing Link |
| 161042 |  | \$27.00 | M8-1.25 Internal thread | Reducer Bushing | Bright zinc | 10 | PDF |

FATH[®] T-Slotted Rail Accessories

Brackets - Continued

| Brackets Installation | |
|---|--|
| Core Hole Installation | T-Slot Installation |
| Pivot Joint* | |
|  |  |
| Pivot Joint | |
|  |  |
| Reducer Bushing | |
|  | |

*For 45 series installation, the 10mm embossed key should face toward the aluminum extrusion upon assembly.