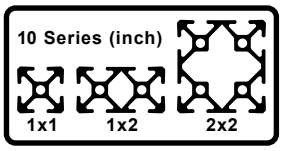
FATH® T-Slotted Rail Accessories

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) Core Hole Attachment 1	Recommended Screw Fastener (ADC Part Number) *T-Slot Attachment 2	Pack Quantity	Material	Drawing Link
148915		$1.50	Angle Bracket	n/a	162994	1	Die-cast aluminum	PDF
166249		$1.50						PDF
151059		$4.00			162993		Die-cast zinc	PDF
166250		$4.00						PDF
151058		$2.50	Inside Corner Bracket		151040		Anodized aluminum	PDF
166248		$3.00						PDF
151061		$4.75	Tall Inside Corner Bracket					PDF
166252		$5.00						PDF
151060		$4.75	Wide Inside Corner Bracket					PDF
166251		$5.00						PDF
151062		$6.75	Inside Corner Bracket					PDF
166253		$8.00						PDF

*T-Slot Nut also required.

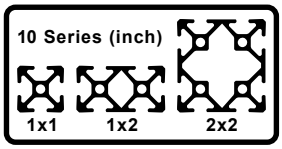
** Recommended fastener not available from AutomationDirect.com

FATH® T-Slotted Rail Accessories

Brackets - Continued

10 Series Brackets - Cont'd

Fits Slot Size 6



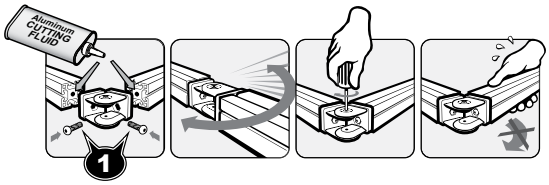
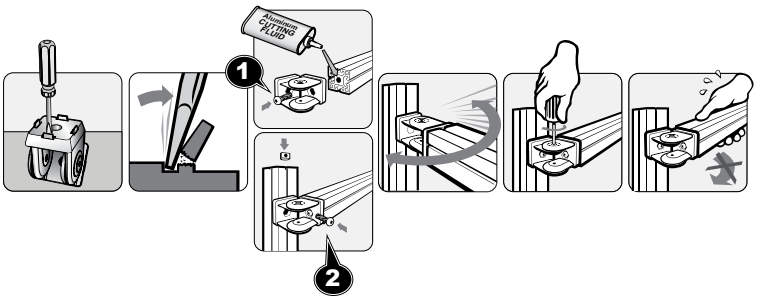
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number) Core Hole Attachment 1	*T-Slot Attachment 2	Pack Quantity	Material	Drawing Link
151063		$3.00	Gusseted Inside Corner Bracket	n/a	151040	1	Anodized aluminum	PDF
166254		$3.00						PDF
151064		$5.25	Tall Gusseted Inside 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					PDF
166257		$12.00						PDF
151067		$30.50	Pivot Joint	161103	161049		Die-cast zinc	PDF
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	
	

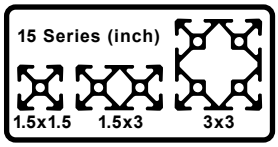
FATH® T-Slotted Rail Accessories

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

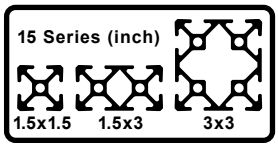
*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

Brackets - Continued

15 Series Brackets - Continued

Fits Slot Size 8

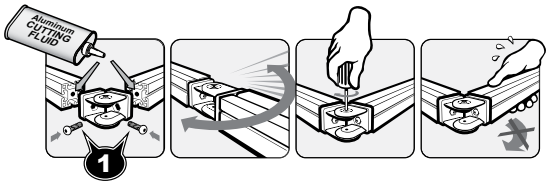
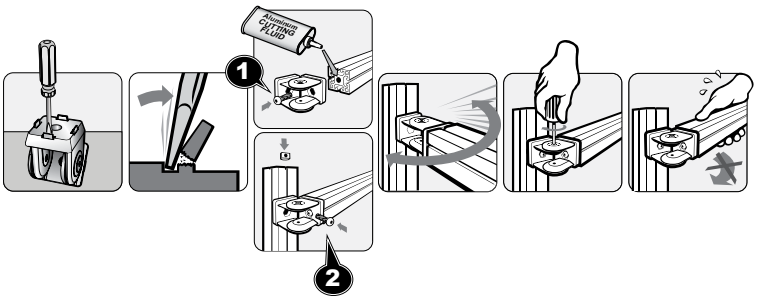


Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number) Core Hole Attachment 1	Recommended Screw Fastener (ADC Part Number) *T-Slot Attachment 2	Pack Quantity	Material	Drawing Link
151129		$3.75	Gusseted Inside Corner Bracket			1	Anodized aluminum	PDF
166327		$4.00					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

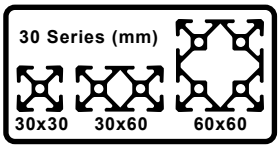
FATH® T-Slotted Rail Accessories

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

30 Series Brackets

Fits Slot Size 8



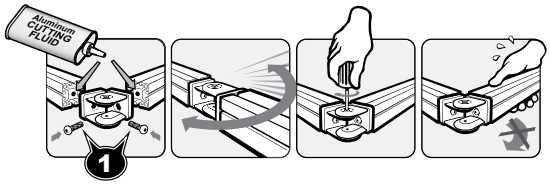
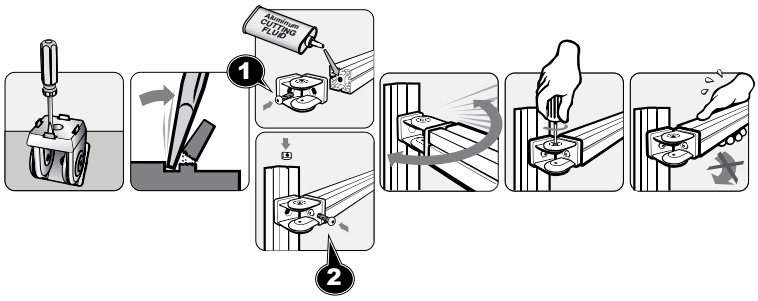
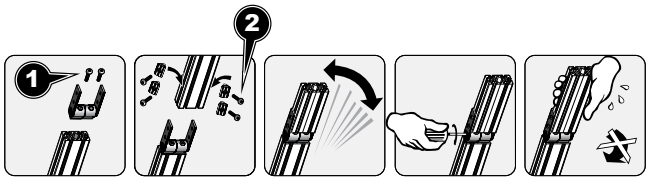
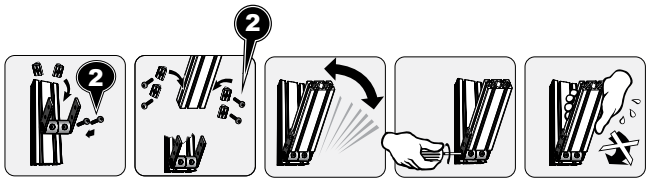
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number) Core Hole Attachment ❶	*T-Slot Attachment ❷	Pack Quantity	Material	Drawing Link
151195		$4.25	Inside Corner Bracket	n/a	161059	1	Anodized aluminum	PDF
151196		$5.25	Wide Inside Corner Bracket					PDF
151197		$5.75	Tall 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		Die-cast zinc	PDF
151200		$38.50	Pivot Joint With Locking Handle					PDF
163014		$27.50	1-Slot Pivot Joint	Not possible	161092		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
Pivot Joint	
 Manually tap core hole for screw	
Pivot Joint	
	

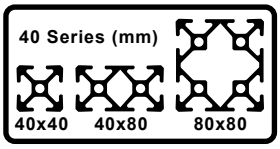
FATH® T-Slotted Rail Accessories

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

40 Series Brackets

Fits Slot Size 8



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

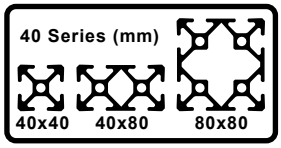
*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

Brackets - Continued

40 Series Brackets - Cont'd

Fits Slot Size 8



Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number) Core Hole Attachment 1	Recommended Screw Fastener (ADC Part Number) *T-Slot Attachment 2	Pack Quantity	Material	Drawing Link
151226		$3.75	Gusseted Inside Corner Bracket	n/a	151183 or 151184	1		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					PDF
166388		$17.00						PDF
151229		$29.50	Pivot Joint	161105	161066		Die-cast zinc	PDF
166389		$36.00						PDF
151230		$39.50	Pivot Joint With Locking Handle					PDF
166390		$47.00						PDF

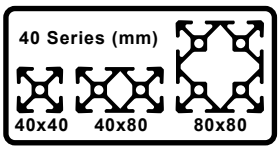
***T-Slot Nut also required.**

FATH® T-Slotted Rail Accessories

Brackets - Continued

40 Series Brackets - Continued

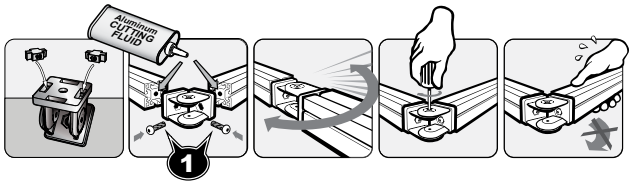
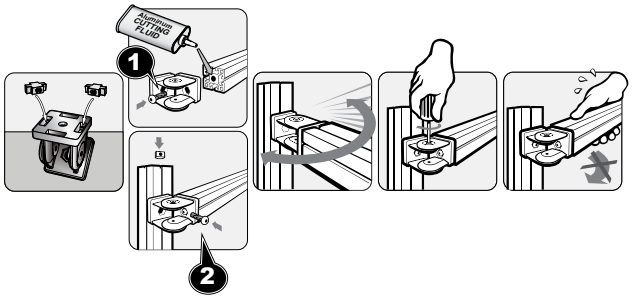
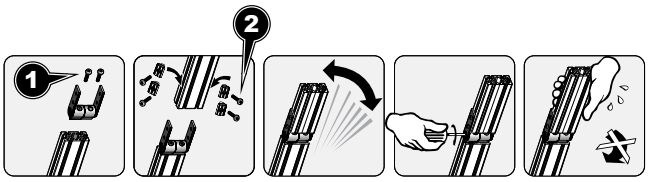
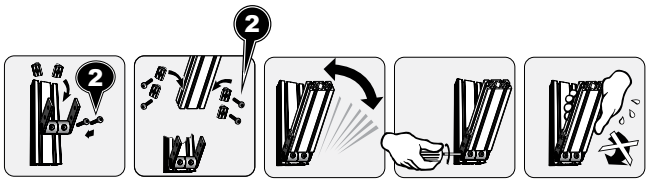
Fits Slot Size 8



Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number) Core Hole Attachment ❶	*T-Slot Attachment ❷	Pack Quantity	Material	Drawing Link
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.

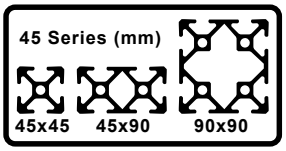
FATH® T-Slotted Rail Accessories

Brackets

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

45 Series Brackets

Fits Slot Size 10



Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number) Core Hole Attachment 1	Recommended Screw Fastener (ADC Part Number) *T-Slot Attachment 2	Pack Quantity	Material	Drawing Link
151251		$4.00	Angle Bracket	n/a	151241	1	Die-cast aluminum	PDF
151252		$7.75						PDF
148899		$5.25	Inside Corner Bracket		151183 or 151184		Anodized aluminum	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					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

Fits Slot Size 10

45 Series (mm): 45x45, 45x90, 90x90

Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
				Core Hole Attachment ❶	*T-Slot Attachment ❷			
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

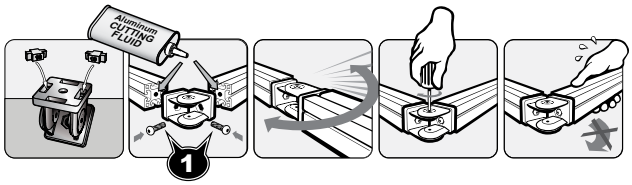
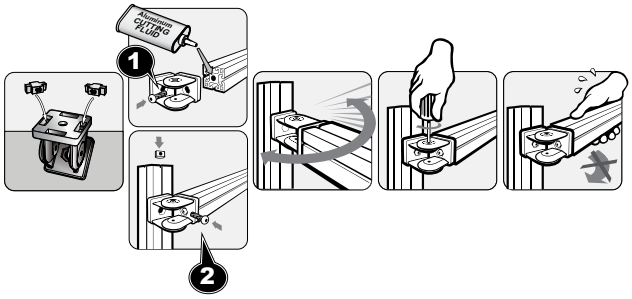
Fits 45 Series Core Hole

45 Series (mm): 45x45, 45x90, 90x90

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*	
	
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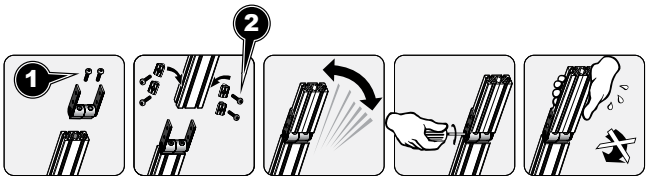
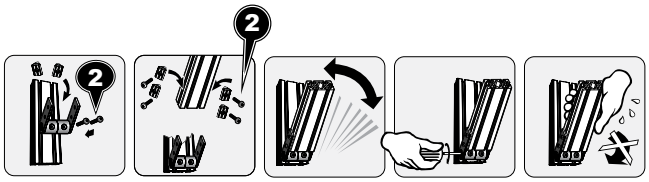
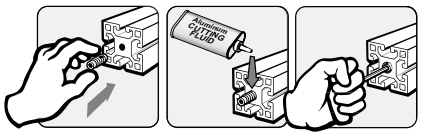
	
Reducer Bushing	
	

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