

FATH® T-Slotted Rail Accessories

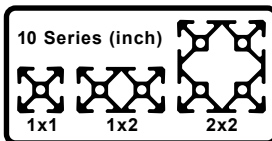
Brackets

- 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	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					Anodized aluminum	PDF		
166248		\$3.00							PDF		
151061		\$4.75	Tall Inside Corner Bracket						151040		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

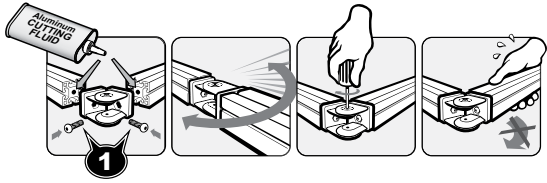
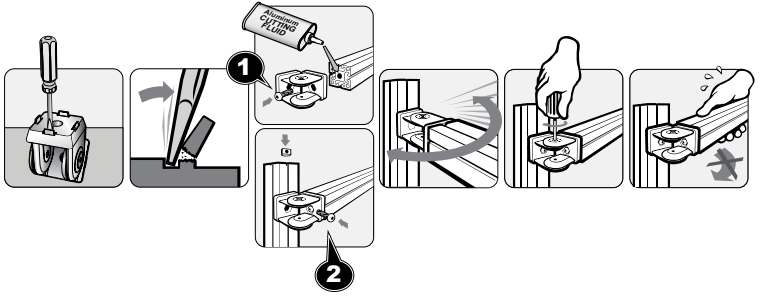
FATH® T-Slotted Rail Accessories

Brackets - Continued

10 Series Brackets - Cont'd								
Fits		Slot Size 6	10 Series (inch) 1x1 1x2 2x2					
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
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								

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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	15 Series (inch) 1.5x1.5 1.5x3 3x3										
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					
166321		\$4.00						PDF					
151125		\$7.75			161054			PDF					
166322		\$9.00						PDF					
151126		\$11.50			151101	1	Die-cast zinc	PDF					
166323		\$13.00						PDF					
151124		\$3.75	Inside Corner Bracket		n/a	151100 or 151101	1	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.

*T-Slot Nut also required.

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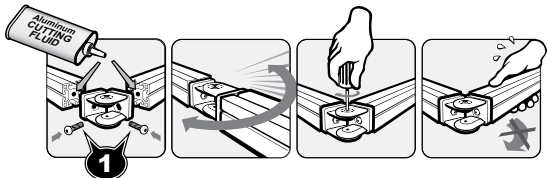
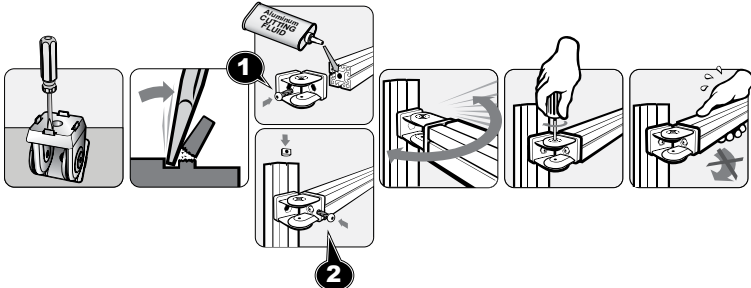
Brackets - Continued

15 Series Brackets - Continued								
Fits		Slot Size 8	15 Series (inch) 1.5x1.5 1.5x3 3x3					
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
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.								

*T-Slot Nut also required.

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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	30 Series (mm) 30x30 30x60 60x60					
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		Die-cast zinc/die-cast aluminum/nylon	PDF
163017		\$36.50	2-Slot Pivot Joint					PDF

*T-Slot Nut also required.

*T-Slot Nut also required.

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Brackets - Continued

Brackets Installation	
Core Hole Installation	T-Slot Installation
Pivot Joint	
Four-step illustration for Core Hole Installation of a Pivot Joint bracket. Step 1: Apply Aluminum Cutting Fluid to the bracket. Step 2: Tap the core hole into the rail. Step 3: Tap the core hole into the rail. Step 4: Tap the core hole into the rail. Manually tap core hole for screw	Four-step illustration for T-Slot Installation of a Pivot Joint bracket. Step 1: Apply Aluminum Cutting Fluid to the bracket. Step 2: Tap the core hole into the rail. Step 3: Tap the core hole into the rail. Step 4: Tap the core hole into the rail.
Pivot Joint	
Four-step illustration for Core Hole Installation of a Pivot Joint bracket. Step 1: Apply Aluminum Cutting Fluid to the bracket. Step 2: Tap the core hole into the rail. Step 3: Tap the core hole into the rail. Step 4: Tap the core hole into the rail.	Four-step illustration for T-Slot Installation of a Pivot Joint bracket. Step 1: Apply Aluminum Cutting Fluid to the bracket. Step 2: Tap the core hole into the rail. Step 3: Tap the core hole into the rail. Step 4: Tap the core hole into the rail.

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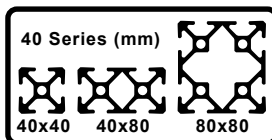
Brackets

- 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



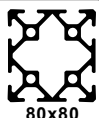
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link	
				Core Hole Attachment 1	*T-Slot Attachment 2				
151125		\$7.75	Angle Bracket	n/a	151241	1	Die-cast aluminum	PDF	
166322		\$9.00			PDF				
151126		\$11.50			161068		Die-cast zinc	PDF	
166323		\$13.00						PDF	
151222		\$4.25	Inside Corner Bracket		n/a		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.

*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

Brackets - Continued

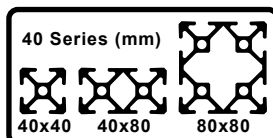
40 Series Brackets - Cont'd								
Fits		Slot Size 8	40 Series (mm)    40x40 40x80 80x80					
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
				Core Hole Attachment 1	*T-Slot Attachment 2			
151226		\$3.75	Gusseted Inside Corner Bracket	n/a	151183 or 151184	1		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)		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

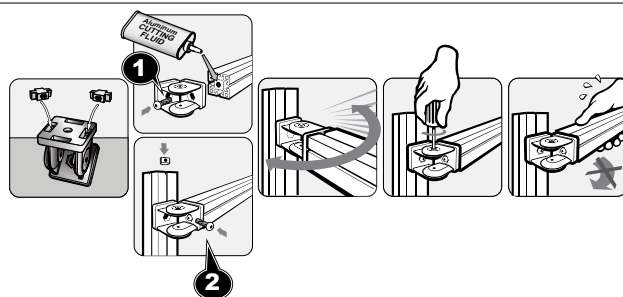
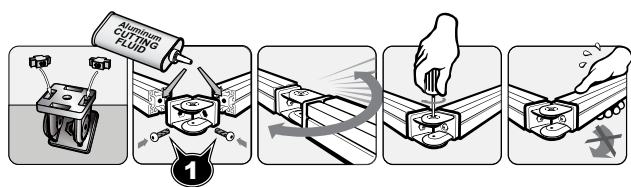
*T-Slot Nut also required.

Brackets Installation

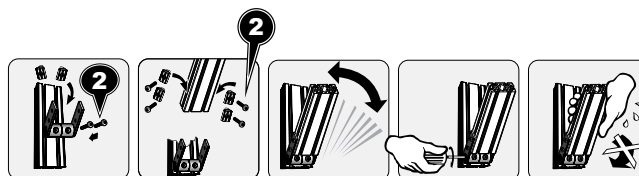
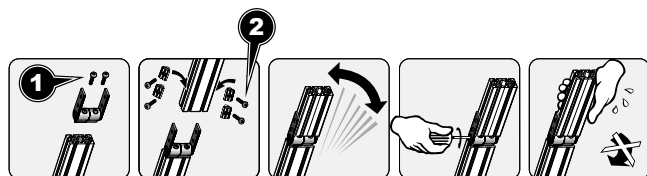
Core Hole Installation

T-Slot Installation

Pivot Joint*



Pivot Joint



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

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Brackets

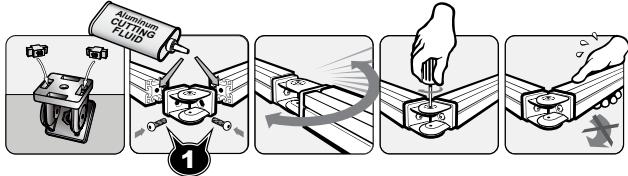
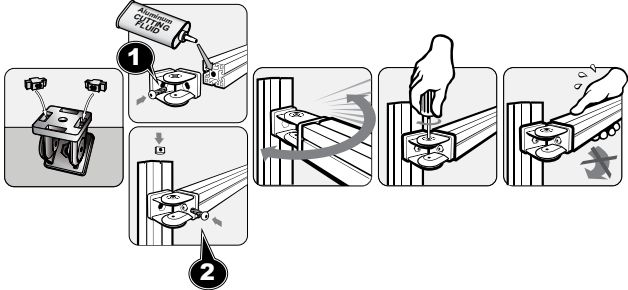
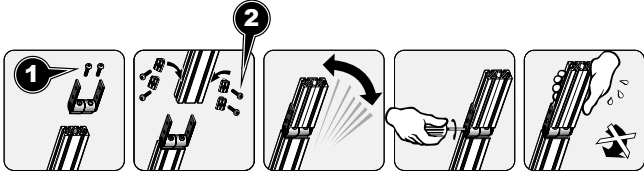
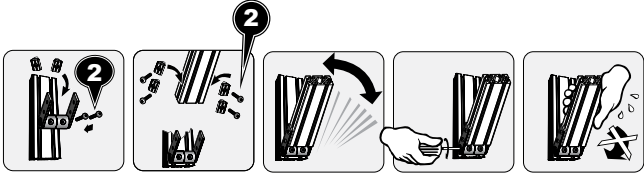
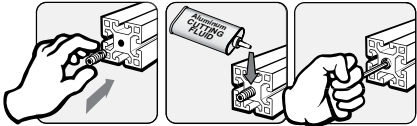
- Connects two T-slot rails together at a 90° angle
- Recommended ADC Fastener based on part feature and slot depth
- Material: varies by part



45 Series Brackets								
Fits		Slot Size 10	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 1	*T-Slot Attachment 2			
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

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.