

FATH® T-Slotted Rail Accessories

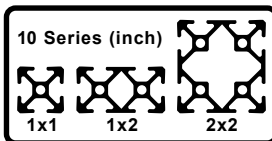
Brackets

- 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

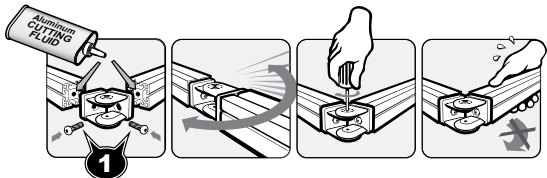
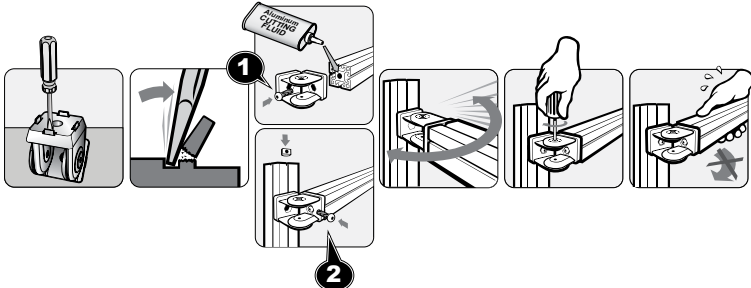
FATH® T-Slotted Rail Accessories

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								

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	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						n/a	151100 or 151101	1	Anodized aluminum	PDF							
166324		\$8.00											PDF							
151128		\$6.00	Tall Inside Corner Bracket										n/a	151100 or 151101	1	Anodized aluminum	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.

*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

Brackets - Continued

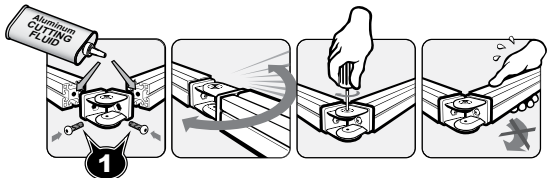
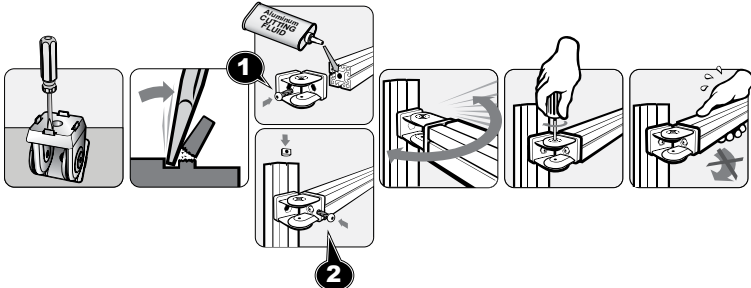
15 Series Brackets - Continued														
Fits		Slot Size 8	15 Series (inch)    1.5x1.5 1.5x3 3x3											
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link						
				Core Hole Attachment 1	*T-Slot Attachment 2									
151129		\$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.

FATH[®] T-Slotted Rail Accessories

Brackets - Continued

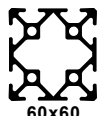
Brackets Installation	
Core Hole Installation	T-Slot Installation
Pivot Joint	
	

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



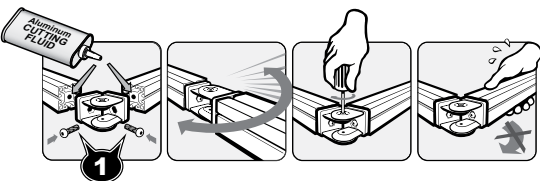
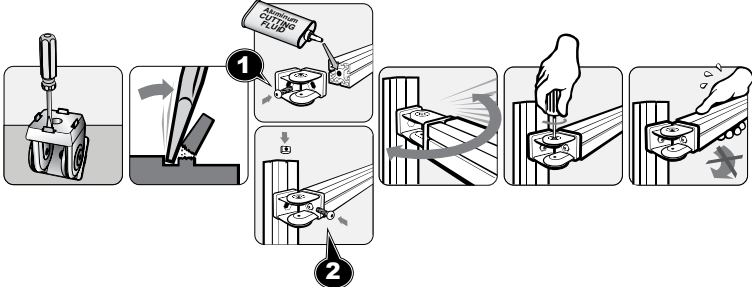
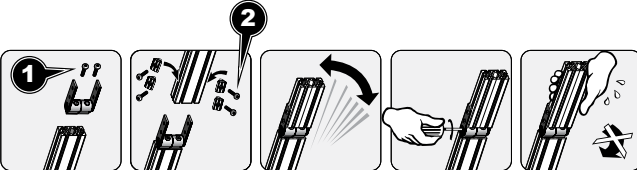
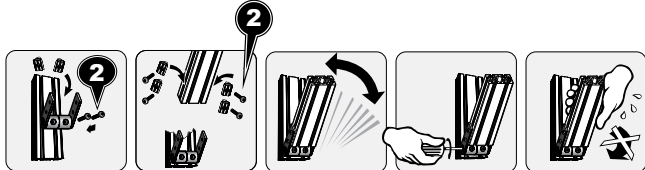
30 Series Brackets								
Fits		Slot Size 8	30 Series (mm) 30x30 30x60 60x60					
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
				Core Hole Attachment 1	*T-Slot Attachment 2			
151195		\$4.25	Inside Corner Bracket	n/a	161059	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.

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

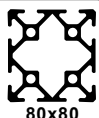


40 Series Brackets											
Fits		Slot Size 8	40 Series (mm) 40x40 40x80 80x80								
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link			
				Core Hole Attachment 1	*T-Slot Attachment 2						
151125		\$7.75	Angle Bracket	n/a	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	1	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

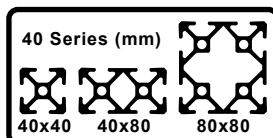
40 Series Brackets - Cont'd								
Fits		Slot Size 8	40 Series (mm)    40x40 40x80 80x80					
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
				Core Hole Attachment 1	*T-Slot Attachment 2			
151226		\$3.75	Gusseted Inside Corner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

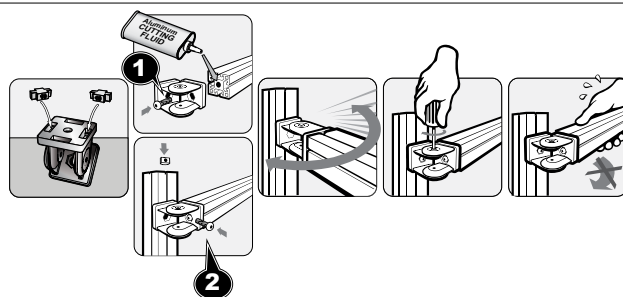
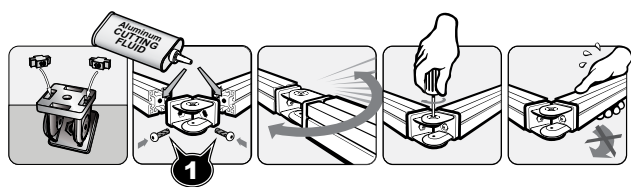
*T-Slot Nut also required.

Brackets Installation

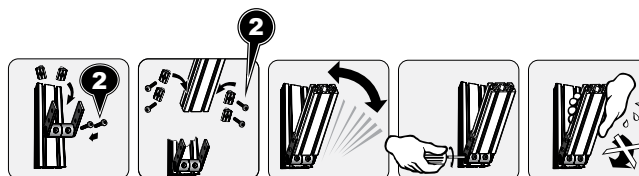
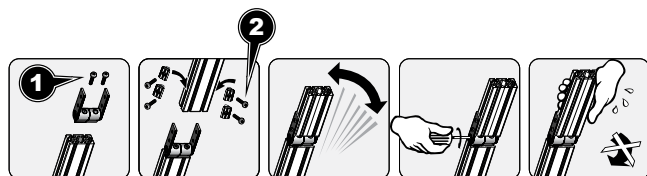
Core Hole Installation

T-Slot Installation

Pivot Joint*



Pivot Joint



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

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	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

Fits

Slot Size

10

45 Series (mm)





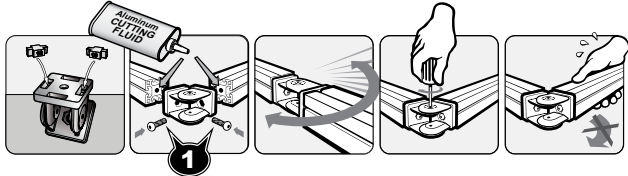
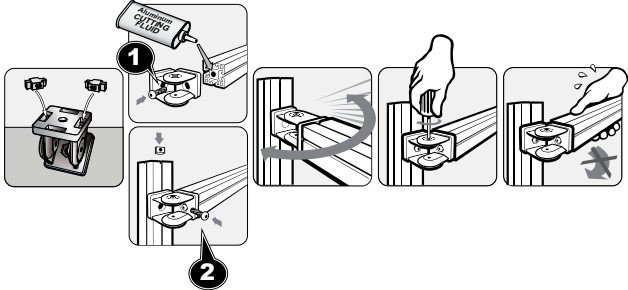
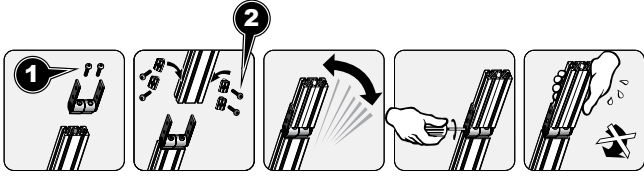
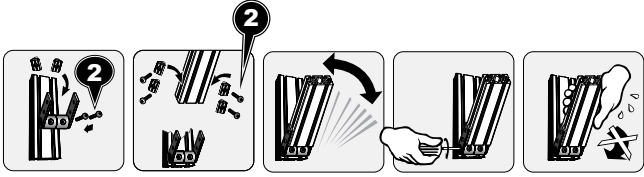
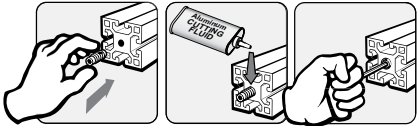
45x45 45x90 90x90

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				
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*	
	
Pivot Joint	
	
Reducer Bushing	
	

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