

FATH® T-Slotted Rail Accessories

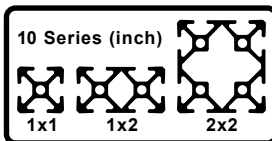
Brackets












- 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
148915-10		\$11.50				10		PDF
166249		\$1.50				1		PDF
151059		\$4.00			162993	10	Die-cast zinc	PDF
151059-10		\$38.00				1		PDF
166250		\$4.00				10		PDF
151058		\$2.50	Inside Corner Bracket		1	Anodized aluminum	PDF	
151058-10		\$24.00			10		PDF	
166248		\$3.00			1		PDF	
151061		\$4.75	Tall Inside Corner Bracket		10		PDF	
151061-10		\$45.00			1		PDF	
166252		\$5.00			10		PDF	
151060		\$4.75	Wide Inside Corner Bracket		1		PDF	
166251		\$5.00			10		PDF	
151062		\$6.75			Inside Corner Bracket		1	PDF
151062-10		\$65.00	10				PDF	
166253		\$8.00	1				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	<div>10 Series (inch)</div> <div><div>1x1</div><div>1x2</div><div>2x2</div></div>									
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	Tall Gusseted Inside Corner Bracket			1		PDF				
151064		\$5.25						PDF				
166255		\$6.00	Wide Gusseted Inside Corner Bracket					PDF				
151065		\$5.75						PDF				
166256		\$6.00						PDF				
151066		\$10.50	Gusseted Inside Corner Bracket					161103	161049	1	Die-cast zinc	PDF
166257		\$12.00										PDF
151067		\$30.50	Pivot Joint	161103	161049	1	Die-cast zinc					PDF
166258		\$36.00										PDF
148932		\$39.50	Pivot Joint With Locking Handle					161103	161049	1	Die-cast zinc	PDF
166259		\$47.00										PDF

*T-Slot Nut also required.

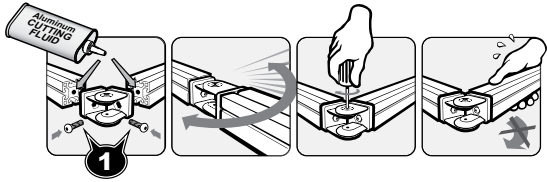
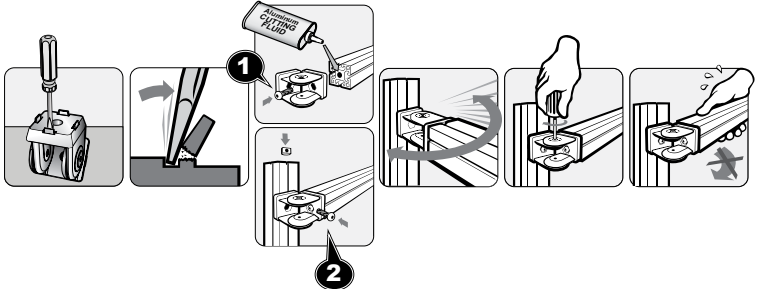
** Recommended fastener not available from AutomationDirect.com

*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




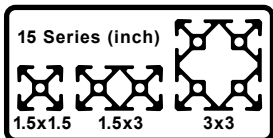












15 Series Brackets											
Fits		Slot Size 8	<div>15 Series (inch)</div> <div><div>1.5x1.5</div><div>1.5x3</div><div>3x3</div></div>								
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link			
				Core Hole Attachment 1	*T-Slot Attachment 2						
148916		\$4.00	Angle Bracket	n/a	151100	1	Die-cast aluminum	PDF			
148916-10		\$38.00				10		PDF			
166321		\$4.00			161054	1		PDF			
151125		\$7.75				Die-cast zinc	PDF				
166322		\$9.00					PDF				
151126		\$11.50			151101	1	Die-cast zinc	PDF			
166323		\$13.00						PDF			
151124		\$3.75	Inside Corner Bracket		151100 or 151101	10	Anodized aluminum	PDF			
151124-10		\$35.00						PDF			
166320		\$4.00	Wide Inside Corner Bracket			1		PDF			
151127		\$6.50				10		PDF			
151127-10		\$62.00						PDF			
166324		\$8.00	Tall Inside Corner Bracket			1		PDF			
151128		\$6.00				10		PDF			
151128-10		\$56.00						PDF			
166325		\$7.00	Inside Corner Bracket			1		PDF			
148906		\$9.00						PDF			
166326		\$11.00						PDF			

*T-Slot Nut also required.

*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

Brackets - Continued

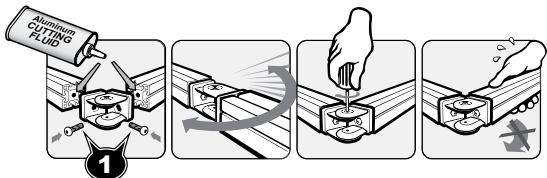
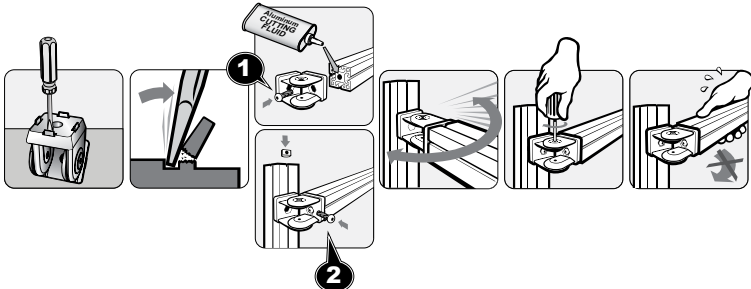
15 Series Brackets - Continued													
		Slot Size Fits 											
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link					
				Core Hole Attachment ①	*T-Slot Attachment ②								
151129		\$3.75	Gusseted Inside Corner Bracket			1	Anodized aluminum	PDF					
151129-10		\$35.00				10		PDF					
166327		\$4.00				PDF							
151130		\$7.75	Tall Gusseted Inside Corner Bracket	n/a	151100 or 151101	1		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



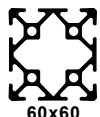












Brackets Installation	
Core Hole Installation	T-Slot Installation
Pivot Joint	
	

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



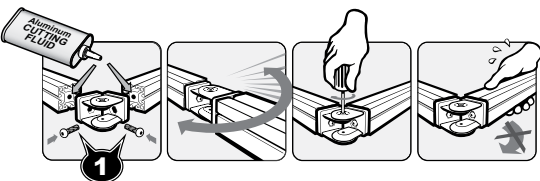
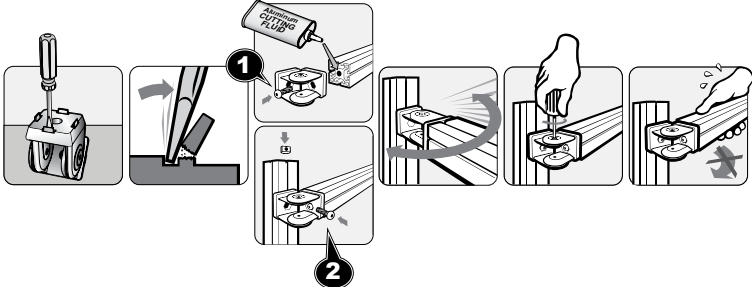
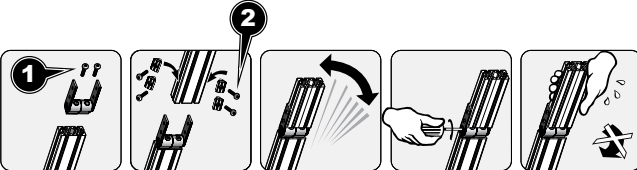
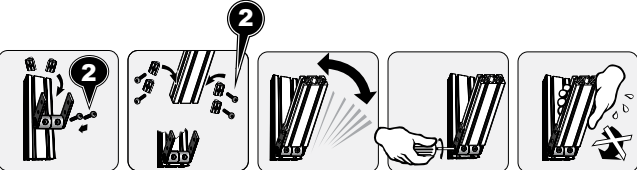
30 Series Brackets								
Fits		Slot Size 8	<div>30 Series (mm)</div> <div><div>30x30</div><div>30x60</div><div>60x60</div></div>					
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
				Core Hole Attachment 1	*T-Slot Attachment 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
<p>Pivot Joint</p>  <p>Manually tap core hole for screw</p>	
<p>Pivot Joint</p> 	

FATH® T-Slotted Rail Accessories

Brackets



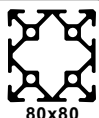












- Connects two T-slot rails together at a 90° angle
- Recommended ADC Fastener based on part feature and slot depth
- Material: varies by part



40 Series Brackets									
Fits		Slot Size 8	<div>40 Series (mm)</div> <div><div>40x40</div><div>40x80</div><div>80x80</div></div>						
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			151183 or 151184	10	Anodized aluminum	PDF
151222-10		\$40.00							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

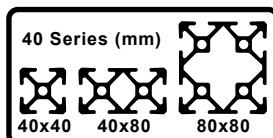
40 Series Brackets - Cont'd													
Fits		Slot Size 8	<div>40 Series (mm)</div> <div><div></div><div></div><div></div></div> <div>40x40 40x80 80x80</div>										
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link					
				Core Hole Attachment 1	*T-Slot Attachment 2								
151226		\$3.75	Gusseted Inside Corner Bracket	n/a	151183 or 151184	1		PDF					
151226-10		\$35.00				10		PDF					
166385		\$4.00	Tall Gusseted Inside Corner Bracket			1		PDF					
151227		\$9.00						PDF					
166386		\$11.00	Wide Gusseted Inside Corner Bracket					PDF					
148911		\$6.75						PDF					
166387		\$8.00	Gusseted Inside Corner Bracket					PDF					
151228		\$14.50						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

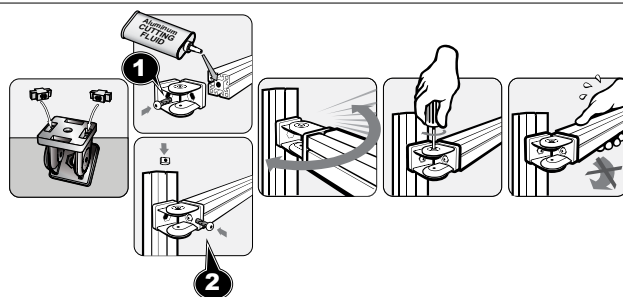
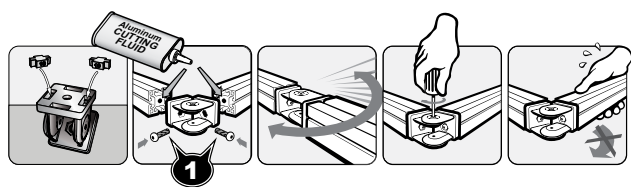
*T-Slot Nut also required.

Brackets Installation

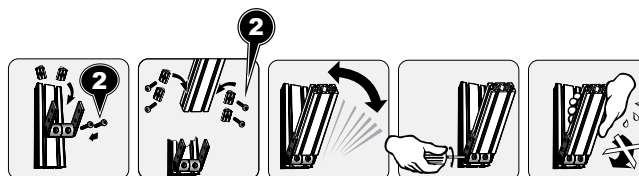
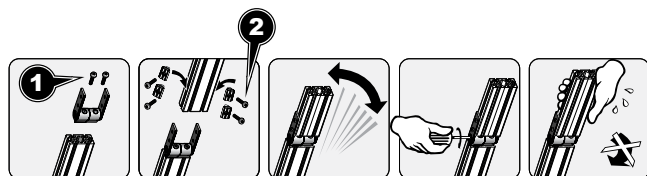
Core Hole Installation

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



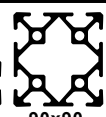




- Connects two T-slot rails together at a 90° angle
- Recommended ADC Fastener based on part feature and slot depth
- Material: varies by part








45 Series Brackets									
Fits		Slot Size 10	<div>45 Series (mm)</div> <div><div></div><div></div><div></div></div> <div>45x45 45x90 90x90</div>						
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		n/a	151183 or 151184	1	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

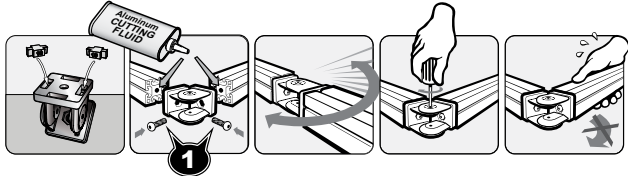
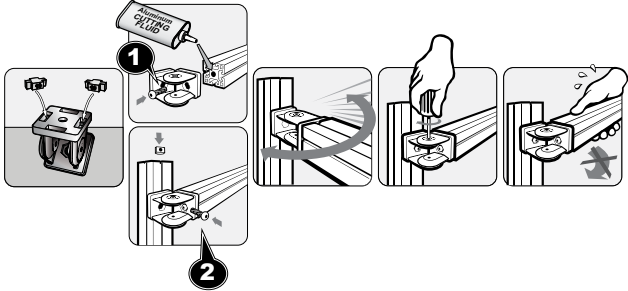
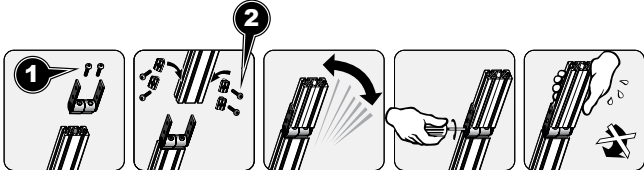
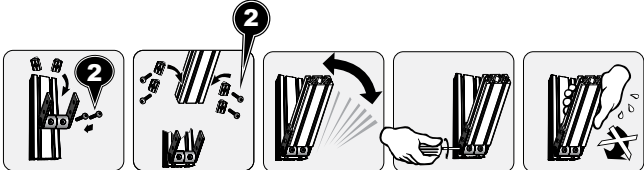
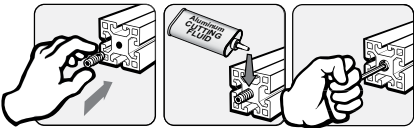
Brackets - Continued

45 Series Brackets - Continued									
Fits		Slot Size 10	<div>45 Series (mm)</div> <div><div></div><div></div><div></div></div> <div>45x45 45x90 90x90</div>						
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 	<div> <div>45 Series (mm)</div> <div>    </div> <div>45x45 45x90 90x90</div> </div>				
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.