

FATH® T-Slotted Rail Accessories

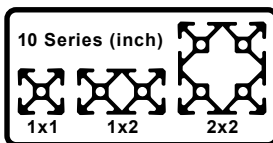
Connecting Components










- Connects two or three T-slot rails together
- Recommended ADC Fastener based on part feature, slot depth and core hole
- Material: varies by part



10 Series Connecting Components

Fits  Slot Size 6



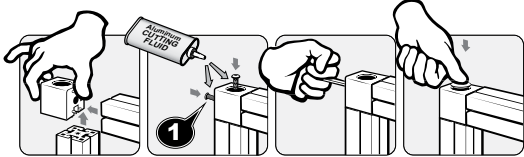
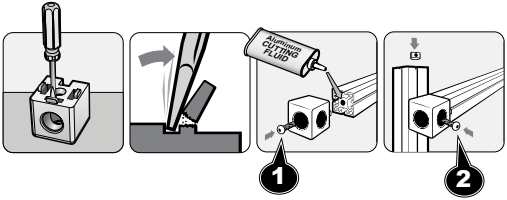
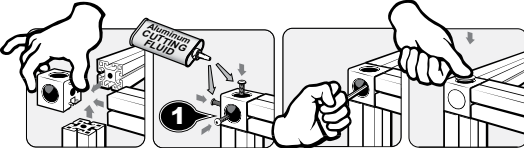
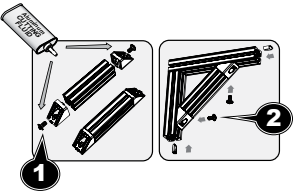
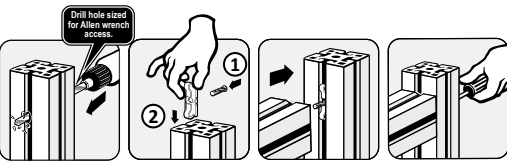
Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link	
						Core Hole Attachment 1	*T-Slot Attachment 2			
148953		\$8.75	2d Cube Connector	1 x 1in	Die-cast aluminum	161103	Socket Head Cap Screw 1/4-20 x 7/16" **	1	PDF	
166230		\$10.00				Fasteners Included (161103)			PDF	
148956		\$10.50	3d Cube Connector			161103	n/a		PDF	
166231		\$12.00				PDF				
151042		\$4.50	Angle Connector			1 x 2in	Fasteners Included (161103)		Fasteners Included (151040 & 151039)	PDF
166232		\$5.00					PDF			
151043		\$8.00					161103		151040	PDF
166233		\$8.50					PDF			
163007		\$10.50	Screw Connector	1 x 1in	Zinc plated steel	Designer's choice	n/a	10	PDF	

*T-Slot Nut also required.

** Recommended fastener not available from AutomationDirect.com

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Connecting Components - Continued

Connecting Components Installation	
Core Hole Installation	T-Slot Installation
2D Cube Connector 	
3D Cube Connector 	n/a
Angle Connector 	
Screw Connector 	

FATH® T-Slotted Rail Accessories

Connecting Components

- Connects two or three T-slot rails together.
- Recommended ADC Fastener based on part feature, slot depth and core hole.
- Material: varies by part









15 Series Connecting Components										
<div>Fits</div>		<div>Slot Size</div> <div>8</div>		<div>15 Series (inch)</div> <div><div></div><div></div><div></div></div> <div><div>1.5x1.5</div><div>1.5x3</div><div>3x3</div></div>						
Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link	
						Core Hole Attachment 1	*T-Slot Attachment 2			
148954		\$10.00	2d Cube Connector	1.5 x 1.5in	Die-cast aluminum	Fasteners Included (161105)	151100	1	PDF	
166302		\$12.00				161105			PDF	
148957		\$11.50	3d Cube Connector						PDF	
166303		\$13.00				161105	PDF			
151107		\$8.00	Angle Connector			1.5 x 3in	Fasteners Included (161105)		Fasteners Included (161054 & 162998)	PDF
166304		\$8.50					161105		161054	PDF
151108		\$11.50		Fasteners Included (161105)			Fasteners Included (161054 & 151099)		PDF	
166305		\$13.50		161105			161054		PDF	
151102		\$23.50	Duo Connector	All 15 Series	Steel	n/a	n/a	10	PDF	
151103		\$96.00	T-Matic Connector		Zinc plated steel				PDF	
151104		\$59.00	Automatic Connector		Steel			1	PDF	
*T-Slot Nut also required.										

*T-Slot Nut also required.


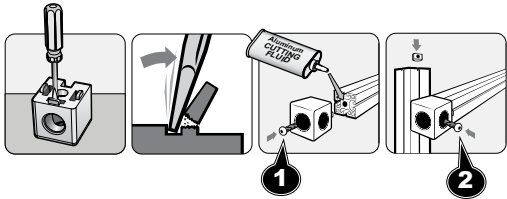
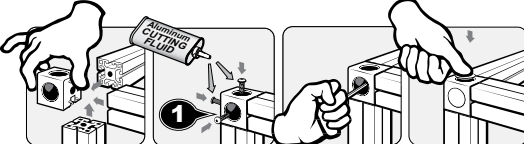
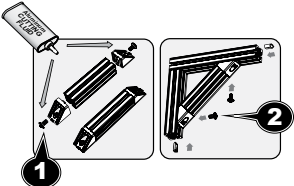
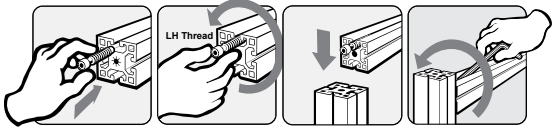
FATH® T-Slotted Rail Accessories

Connecting Components - Continued

15 Series Connecting Components - Continued									
		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	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
151105		\$9.50	Automatic Butt Connector	All 15 Series	Steel	n/a	n/a	1	PDF
151106		\$8.50	Milling Connector		Zinc plated steel				PDF
151109		\$15.50	Connecting Strip						PDF
162891		\$13.00	Direct Connector		Steel		Fasteners included		PDF
162961		\$11.50	Miter Connector		Steel		M8-1.25 x 8mm set screw (4) included		PDF
163009		\$13.25	Screw Connector	1.5 x 1.5in	Zinc plated steel	Designer's choice	10	PDF	
*T-Slot Nut also required									

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Connecting Components - Continued

Connecting Components Installation	
Core Hole Installation	T-Slot Installation
2D Cube Connector 	
3D Cube Connector 	n/a
Angle Connector 	
Duo Connector	

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Connecting Components - Continued

Connecting Components Installation	
T-Slot Installation	
T-matic Connector	
Automatic Connector	
Automatic Butt Connector	
Milling Connector	
Connecting Strip	
Direct Connector	
Screw Connector	
Miter Connector	

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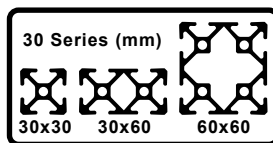
Connecting Components







- Connects two or three T-slot rails together
- Recommended ADC Fastener based on part feature, slot Depth and core hole
- Material: varies by part



30 Series Connecting Components

Fits  Slot Size 8

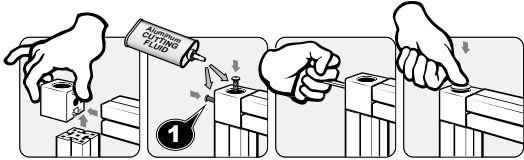
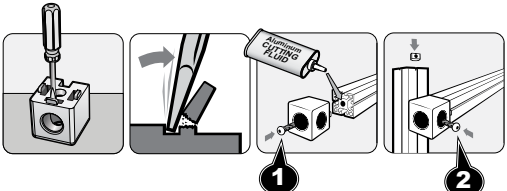
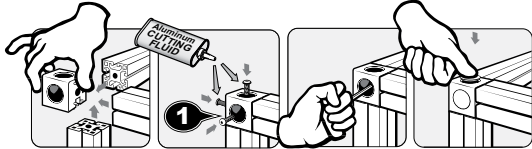
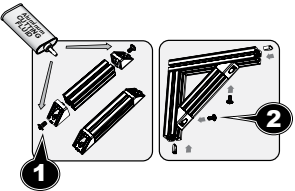
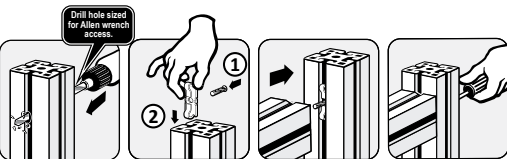
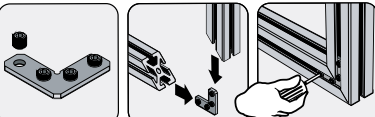


Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
151185		\$9.50	2d Cube Connector	30 x 30mm 30 x 60mm 60 x 60mm	Die-cast aluminum	Fasteners Included (161085)	161083	1	PDF
151186		\$10.50	3d Cube Connector			161085	n/a		PDF
151187		\$6.00	Angle Connector	30 x 30mm		151241 Requires manually tapping core hole to M8-1.25 x 20 DP	161066		PDF
151188		\$10.00		30 x 60mm					PDF
162961		\$11.50	Miter Connector	30 x 30mm 30 x 60mm 60 x 60mm	Steel	n/a	M8-1.25 x 8mm set screw (4) included	10	PDF
163008		\$10.75	Screw Connector		Zinc plated steel	Designer's choice	n/a		PDF

*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

Connecting Components Installation	
Core Hole Installation	T-Slot Installation
2D Cube Connector 	
3D Cube Connector 	n/a
Angle Connector 	
Screw Connector 	
Miter Connector 	

FATH® T-Slotted Rail Accessories

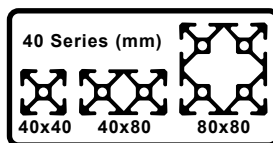
Connecting Components









- Connects two or three T-slot rails together
- Recommended ADC Fastener based on part feature, slot Depth and core hole
- Material: varies by part



40 Series Connecting Components

Fits  Slot Size 8














Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link	
						Core Hole Attachment 1	*T-Slot Attachment 2			
148958		\$10.00	2d Cube Connector	40 x 40mm	Die-cast aluminum	161105	161085	1	PDF	
166369		\$12.00							PDF	
148959		\$11.50	3d Cube Connector				n/a		PDF	
166370		\$13.00							PDF	
151217		\$13.50	Angle Connector	40 x 80mm			161067		PDF	
166371		\$16.00							PDF	
151218		\$13.50							161068	PDF
166372		\$16.50								PDF

*T-Slot Nut **3** also required.

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Connecting Components - Continued

40 Series Connecting Components - Continued									
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	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
151102		\$23.50	Duo Connector	All 40 Series	Steel	n/a	n/a	10	PDF
151103		\$96.00	T-Matic Connector		Zinc plated steel				PDF
151104		\$59.00	Automatic Connector		Steel				PDF
151105		\$9.50	Automatic Butt Connector					PDF	
151106		\$8.50	Milling Connector		Zinc plated steel			PDF	
151109		\$15.50	Connecting Strip					PDF	
162891		\$13.00	Direct Connector		Steel		Fasteners included	1	PDF
162961		\$11.50	Miter Connector		Steel	n/a	M8-1.25 x 8mm set screw (4) included		PDF
162975		\$21.00	Clamp Profile Connector works with 162976		Die-cast zinc	161105 (2) included with kit	n/a		PDF
162976		\$5.50	Mounting Element works with 162975		Steel	n/a	Fasteners included		PDF
163009		\$13.25	Screw Connector		Zinc plated steel	Designer's choice	n/a		10
*T-Slot Nut also required.									

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

Connecting Components Installation	
Core Hole Installation	T-Slot Installation
2D Cube Connector	
3D Cube Connector	
	n/a
Angle Connector	
Screw Connector	
Miter Connector	
Direct Connector	
Clamp Profile Connector	

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

Connecting Components Installation	
T-Slot Installation	
Duo Connector	
T-matic Connector	
Automatic Connector	
Automatic Butt Connector	
Milling Connector	
Connecting Strip	

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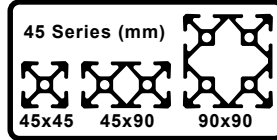
Connecting Components












- Connects two or three T-slot rails together
- Recommended ADC Fastener based on part feature, slot Depth and core hole
- Material: varies by part



45 Series Connecting Components

Fits  Slot Size
10



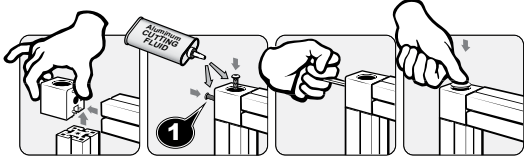
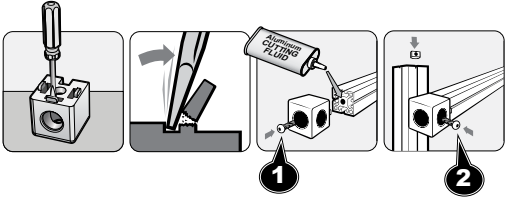
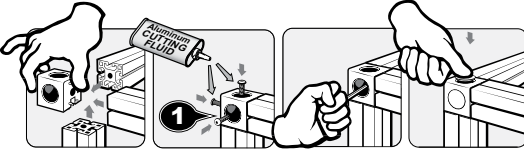
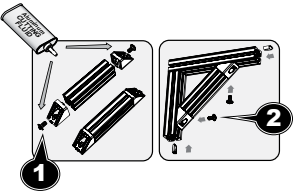
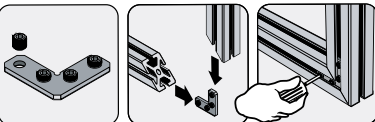
Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment ①	*T-Slot Attachment ②		
148960		\$11.00	2d Cube Connector	45 x 45mm	Die-cast aluminum	161110	161068	1	PDF
148961		\$11.50	3d Cube Connector			Fasteners Included (161110)	n/a		PDF
151246		\$10.50	Angle Connector			161110	151241		PDF
151247		\$16.50		45 x 90mm	PDF				
** 151242		\$96.00	T-Matic Connector	All 45 Light Series (45-xxxxCL)	Zinc plated steel	n/a	n/a	10	PDF
** 151243		\$59.00	Automatic Connector		Steel				PDF
** 151244		Retired	Automatic Butt Connector					PDF	
151245		\$11.50	Milling Connector	Zinc plated steel	PDF				
151248		\$18.00	Connecting Strip					All 45 Series	Steel
162892		\$13.00	Direct Connector	PDF					
162962		\$12.50	Miter Connector		M10-1.25 x 8mm set screw (4) included		PDF		

*T-Slot Nut also required.

** Does not fit 45 standard series (45-xxxxC)

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

Connecting Components Installation	
Core Hole Installation	T-Slot Installation
2D Cube Connector 	
3D Cube Connector 	n/a
Angle Connector 	
Miter Connector 	

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

Connecting Components Installation	
T-Slot Installation	
T-matic Connector	
Automatic Connector	
Automatic Butt Connector	
Milling Connector	
Connecting Strip	
Direct Connector	
Miter Connector	