

FATH® T-Slotted Rail Accessories

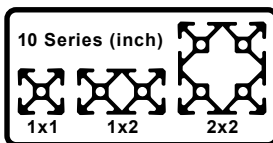
Connecting Components










- 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



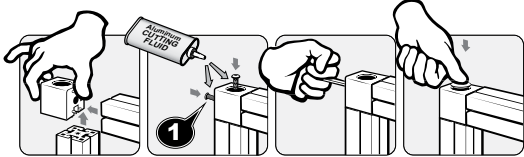
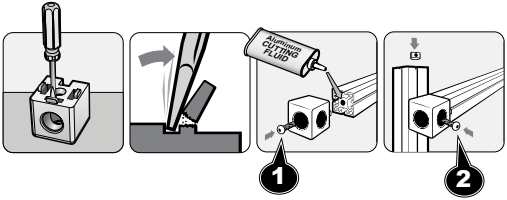
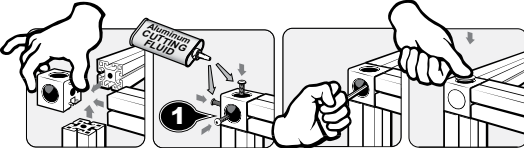
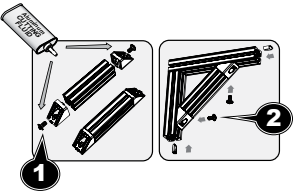
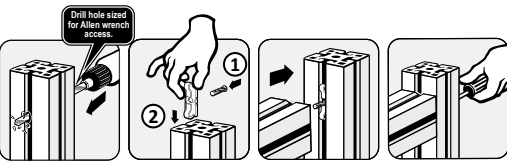
Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link		
						Core Hole Attachment 1	*T-Slot Attachment 2				
148953		\$8.75	2d Cube Connector	1 x 1in	Die-cast aluminum	Fasteners Included (161103)	Socket Head Cap Screw 1/4-20 x 7/16" **	1	PDF		
166230		\$10.00							PDF		
148956		\$10.50	3d Cube Connector				n/a		PDF		
166231		\$12.00							PDF		
151042		\$4.50	Angle Connector				1 x 2in		Fasteners Included (151040 & 151039)	10	PDF
166232		\$5.00									PDF
151043		\$8.00									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									
Fits		Slot Size 8	<div>15 Series (inch)</div> <div><div></div><div></div><div></div></div> <div>1.5x1.5 1.5x3 3x3</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							PDF
148957		\$11.50	3d Cube Connector						PDF
166303		\$13.00							PDF
151107		\$8.00	Angle Connector	1.5 x 3in		Fasteners Included (161054 & 151099)			PDF
166304		\$8.50							PDF
151108		\$11.50							PDF
166305		\$13.50							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
*T-Slot Nut also required.									

*T-Slot Nut also required.


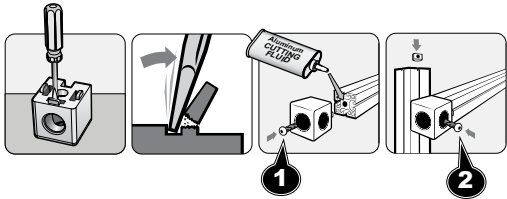
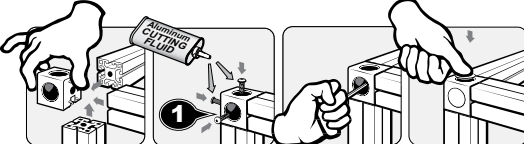
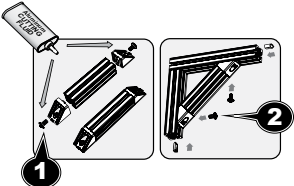
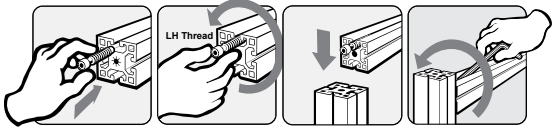
FATH® T-Slotted Rail Accessories

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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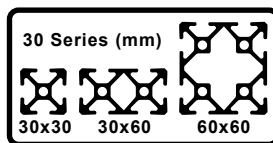
Connecting Components







- 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

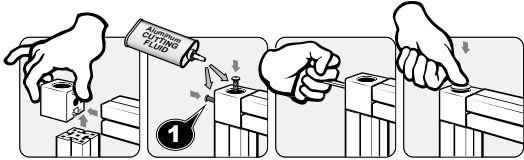
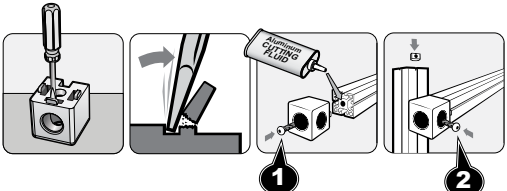
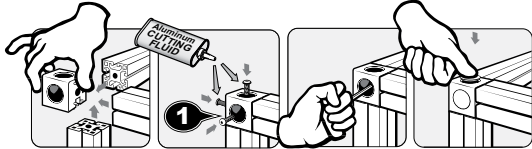
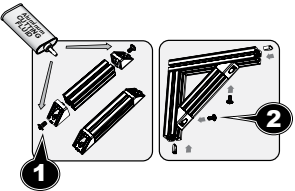
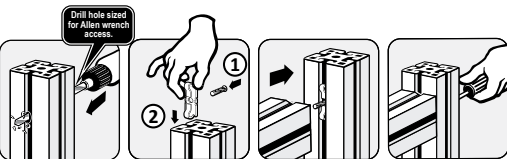
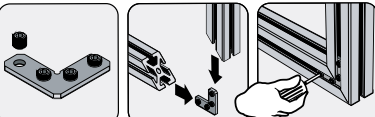


Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link	
						Core Hole Attachment 1	*T-Slot Attachment 2			
151185		\$9.50	2d Cube Connector	30 x 30mm 30 x 60mm 60 x 60mm	Die-cast aluminum	Fasteners Included (161085)	161083	1	PDF	
151186		\$10.50	3d Cube Connector				n/a		PDF	
151187		\$6.00	Angle Connector	30 x 30mm		Fasteners Included (151241)	Fasteners Included (161066 and 151182)		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		PDF	
163008		\$10.75	Screw Connector		Zinc plated steel	Designer's choice	n/a	10	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

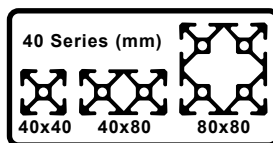
Connecting Components









- 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	Fasteners Included (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		Fasteners Included (161067 and 151216)	PDF
166371		\$16.00								PDF
151218		\$13.50		PDF						
166372		\$16.50		PDF						

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

FATH® T-Slotted Rail Accessories

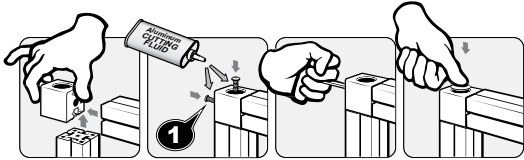
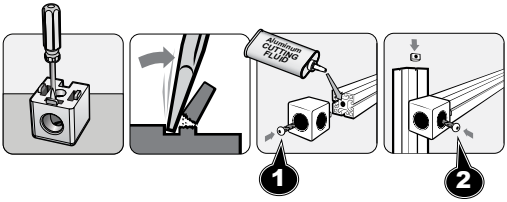
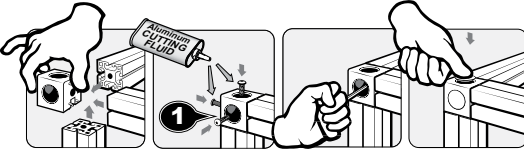
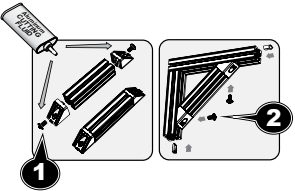
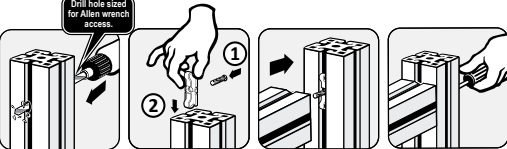
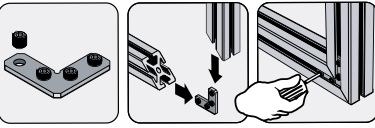
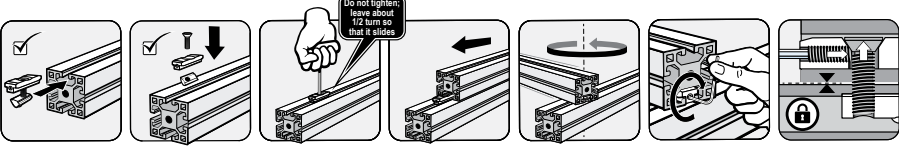
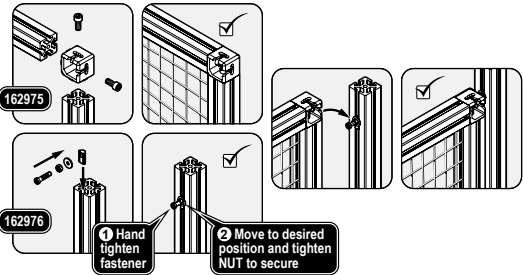
Connecting Components - Continued

40 Series Connecting Components - Continued									
		Fits <div>Slot Size 8</div>		<div>40 Series (mm)</div> <div>40x40 40x80 80x80</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	PDF
*T-Slot Nut also required.									

*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	

FATH® T-Slotted Rail Accessories

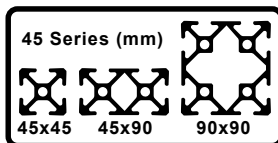
Connecting Components












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



45 Series Connecting Components

Fits  Slot Size 10



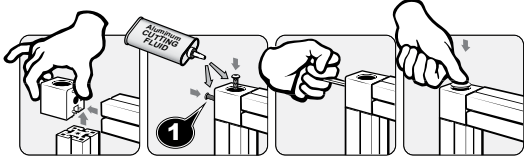
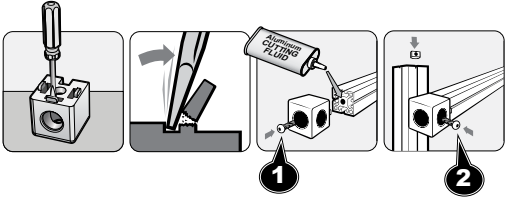
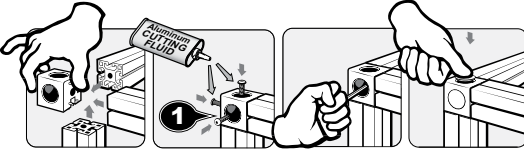
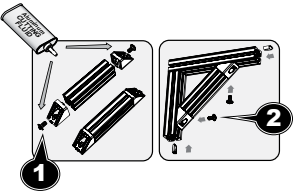
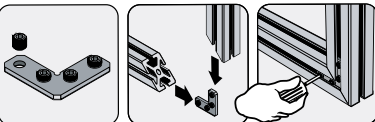
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						Core Hole Attachment 1	*T-Slot Attachment 2		
148960		\$11.00	2d Cube Connector	45 x 45mm	Die-cast aluminum	Fasteners Included (161110)	161068	1	PDF
148961		\$11.50	3d Cube Connector				n/a		PDF
151246		\$10.50	Angle Connector				45 x 90mm		Fasteners Included (151241 and 151240)
151247		\$16.50		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	All 45 Series	Zinc plated steel	n/a	n/a	1	PDF
151248		\$18.00	Connecting Strip						PDF
162892		\$13.00	Direct Connector						Fasteners included
162962		\$12.50	Miter Connector		Steel	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	<p>Use Torx T50 wrench</p>
Automatic Connector	<p>LH Thread</p>
Automatic Butt Connector	<p>LH RH LH Thread RH Thread</p>
Milling Connector	
Connecting Strip	
Direct Connector	<p>Do not tighten: leave about 1/2 turn so that it slides</p>
Miter Connector	