

FATH® T-Slotted Rail Accessories

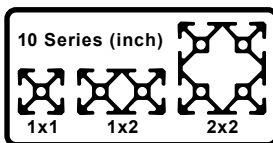
Connecting Components

- 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



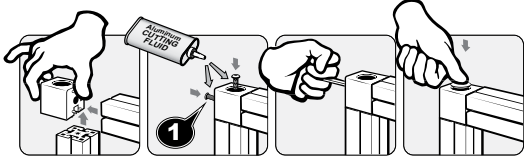
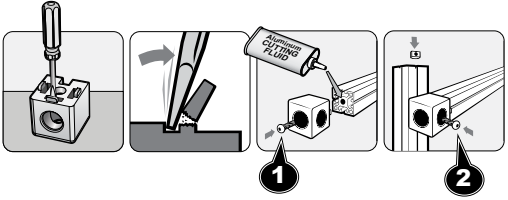
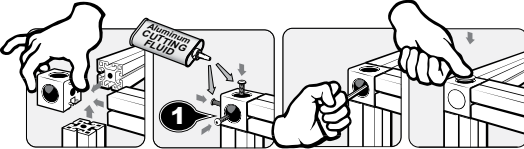
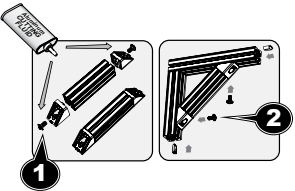
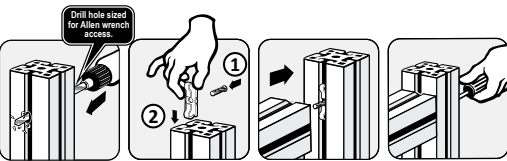
Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link	
						Core Hole Attachment 1	*T-Slot Attachment 2			
148953			2d Cube Connector	1 x 1in	Die-cast aluminum	Fasteners Included (161103)	Socket Head Cap Screw 1/4-20 x 7/16" **	1	PDF	
166230									PDF	
148956			3d Cube Connector				n/a		PDF	
166231									PDF	
151042			Angle Connector				Fasteners Included (151040 & 151039)		1	PDF
166232										PDF
151043										PDF
166233										PDF
163007			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		15 Series (inch)						
8				1.5x1.51.5x33x3						
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			2d Cube Connector	1.5 x 1.5in	Die-cast aluminum	Fasteners Included (161105)	151100	1	PDF	
166302									PDF	
148957			3d Cube Connector						PDF	
166303									PDF	
151107			Angle Connector	1.5 x 3in			Fasteners Included (161054 & 151099)			PDF
166304										PDF
151108										PDF
166305										PDF
151102			Duo Connector	All 15 Series	Steel	n/a		n/a	10	PDF
151103			T-Matic Connector		Zinc plated steel					PDF
151104			Automatic Connector		Steel					1
*T-Slot Nut also required.										

*T-Slot Nut also required.

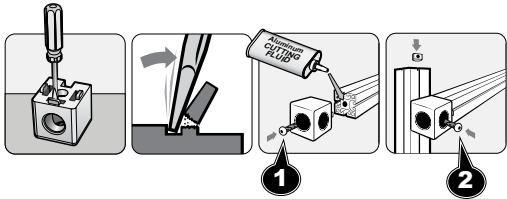
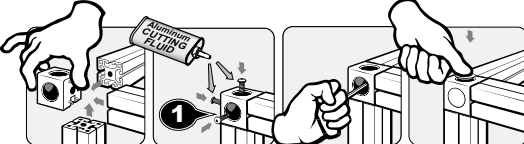
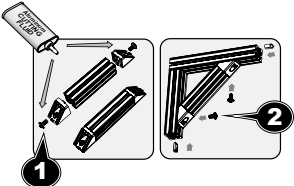
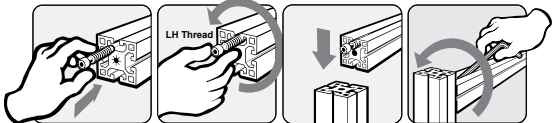
FATH® T-Slotted Rail Accessories

Connecting Components - Continued

15 Series Connecting Components - Continued									
		Fits		Slot Size 8		15 Series (inch) 1.5x1.5 1.5x3 3x3			
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			Automatic Butt Connector	All 15 Series	Steel	n/a	n/a	1	PDF
151106			Milling Connector		Zinc plated steel				PDF
151109			Connecting Strip						PDF
162891			Direct Connector		Steel		Fasteners included		PDF
162961			Miter Connector		Steel		M8-1.25 x 8mm set screw (4) included		PDF
163009			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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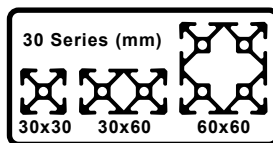
Connecting Components

- 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

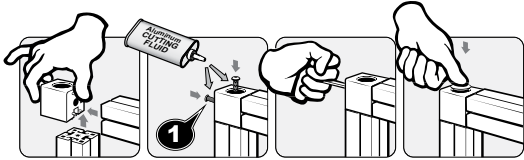
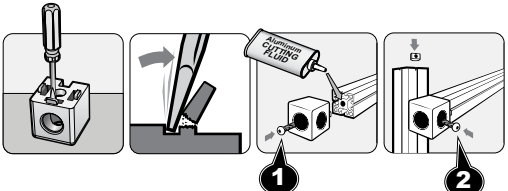
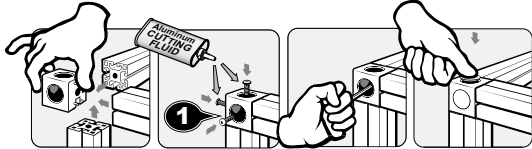
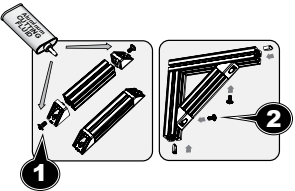
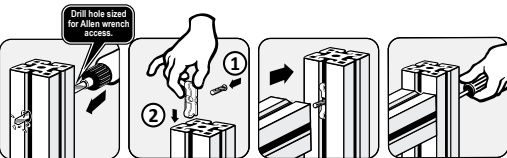
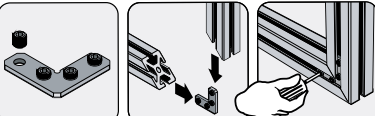


Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link	
						Core Hole Attachment 1	*T-Slot Attachment 2			
151185			2d Cube Connector	30 x 30mm 30 x 60mm 60 x 60mm	Die-cast aluminum	Fasteners Included (161085)	161083	1	PDF	
151186			3d Cube Connector				n/a		PDF	
151187			Angle Connector	30 x 30mm		Fasteners Included (151241)	Fasteners Included (161066 and 151182)		PDF	
151188				30 x 60mm					PDF	
162961			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			Screw Connector		Zinc plated steel	Designer's choice	n/a	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 	
Screw Connector 	
Miter Connector 	

FATH® T-Slotted Rail Accessories

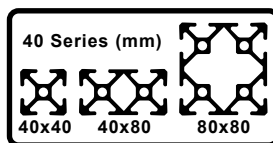
Connecting Components

- 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			2d Cube Connector	40 x 40mm	Die-cast aluminum	Fasteners Included (161105)	161085	1	PDF	
166369									PDF	
148959			3d Cube Connector				n/a		PDF	
166370									PDF	
151217			Angle Connector				40 x 80mm		Fasteners Included (161067 and 151216)	PDF
166371										PDF
151218				PDF						
166372				PDF						

*T-Slot Nut 3 also required.

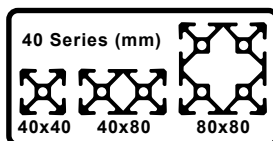
*T-Slot Nut **3** also required.

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

40 Series Connecting Components - Continued

Fits  Slot Size
8

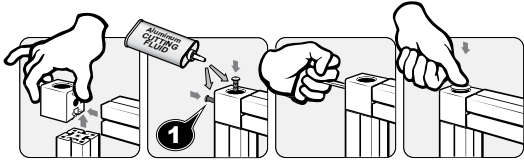
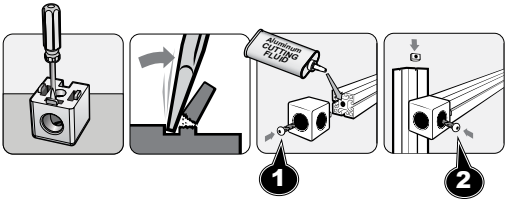
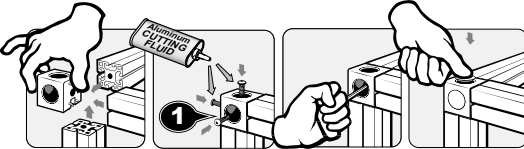
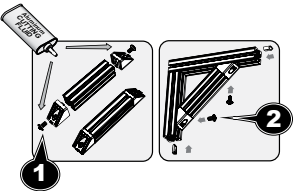
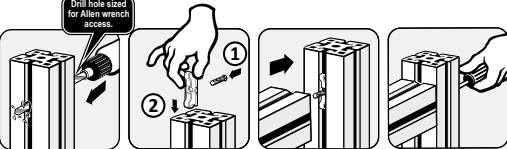
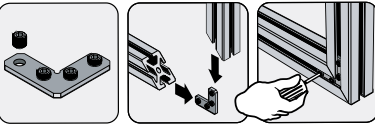
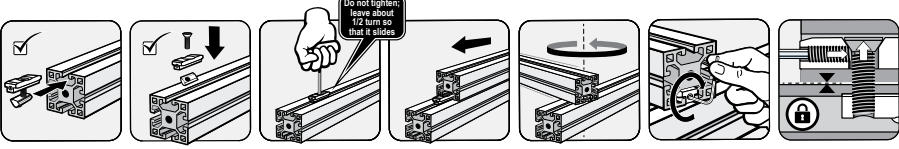
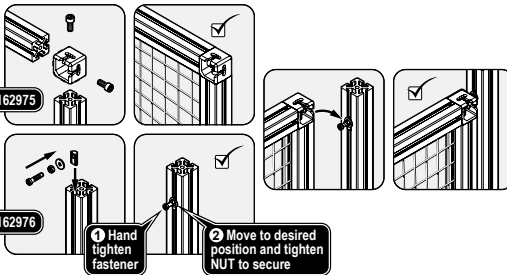


Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
151102			Duo Connector	All 40 Series	Steel	n/a	n/a	10	PDF
151103			T-Matic Connector		Zinc plated steel				PDF
151104			Automatic Connector		Steel				PDF
151105			Automatic Butt Connector					PDF	
151106			Milling Connector		Zinc plated steel			PDF	
151109			Connecting Strip					PDF	
162891			Direct Connector		Steel		Fasteners included	1	PDF
162961			Miter Connector		Steel	n/a	M8-1.25 x 8mm set screw (4) included		PDF
162975			Clamp Profile Connector works with 162976		Die-cast zinc	161105 (2) included with kit	n/a		PDF
162976			Mounting Element works with 162975		Steel	n/a	Fasteners included		PDF
163009			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	
	
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

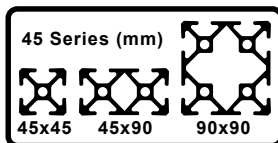
Connecting Components

- 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



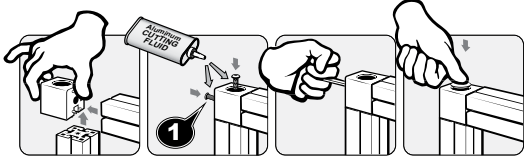
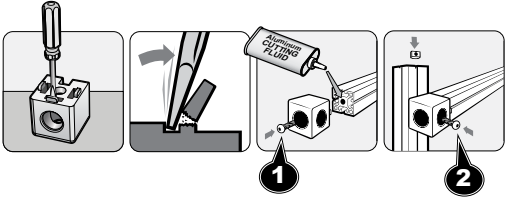
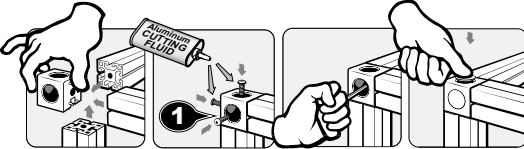
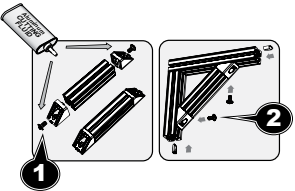
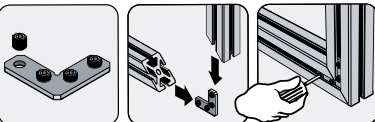
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						Core Hole Attachment 1	*T-Slot Attachment 2		
148960			2d Cube Connector	45 x 45mm	Die-cast aluminum	Fasteners Included (161110)	161068	1	PDF
148961			3d Cube Connector				n/a		PDF
151246			Angle Connector				Fasteners Included (151241 and 151240)		PDF
151247				45 x 90mm	PDF				
**151242			T-Matic Connector	All 45 Light Series (45-xxxxCL)	Zinc plated steel	n/a	n/a	10	PDF
**151243			Automatic Connector		Steel				PDF
**151244			Automatic Butt Connector					PDF	
151245			Milling Connector	Zinc plated steel	1		PDF		
151248			Connecting Strip				PDF		
162892			Direct Connector	Steel	Fasteners included		PDF		
162962			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	