

FATH® T-Slotted Rail Accessories

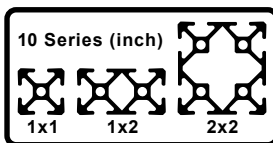
Connecting Components

- 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



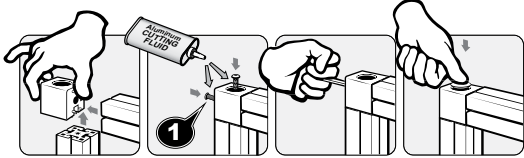
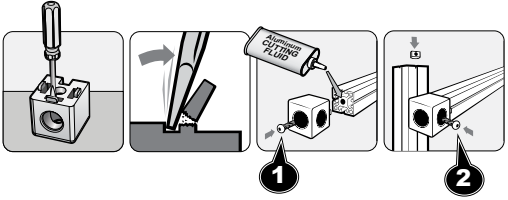
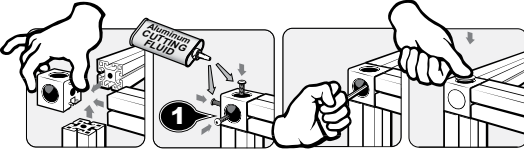
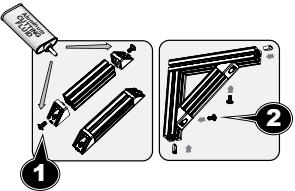
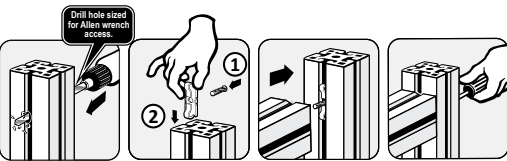
Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
148953		\$8.25	2d Cube Connector	1 x 1in	Die-cast aluminum	161103	Socket Head Cap Screw 1/4-20 x 7/16" **	1	PDF
166230		\$10.00				Fasteners Included (161103)			PDF
148956		\$10.50	3d Cube Connector			161103	n/a		PDF
166231		\$12.00					PDF		
151042		\$4.25	Angle Connector	1 x 2in		Fasteners Included (161103)	Fasteners Included (151040 & 151039)		PDF
166232		\$4.75					PDF		
151043		\$7.50				161103	151040		PDF
166233		\$8.00					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 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			
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							PDF	
151107		\$7.50	Angle Connector				1.5 x 3in		Fasteners Included (161105)	Fasteners Included (161054 & 162998)
166304		\$8.00				161105			161054	PDF
151108		\$11.00		Fasteners Included (161105)		Fasteners Included (161054 & 151099)			PDF	
166305		\$13.00		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.

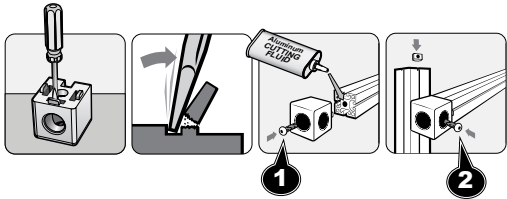
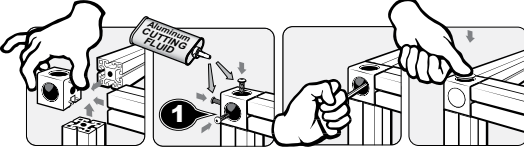
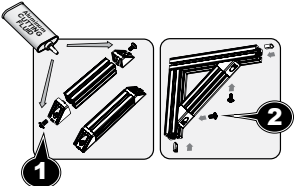
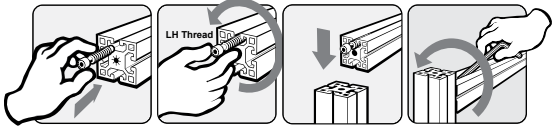
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Connecting Components - Continued

15 Series Connecting Components - Continued									
		Fits		Slot Size					
									

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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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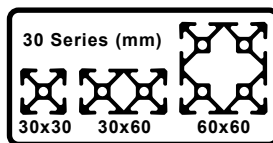
Connecting Components

- 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

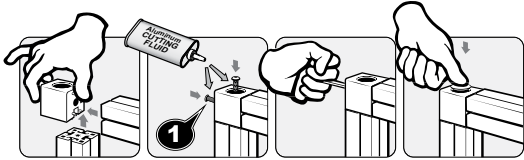
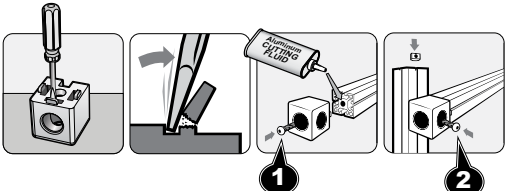
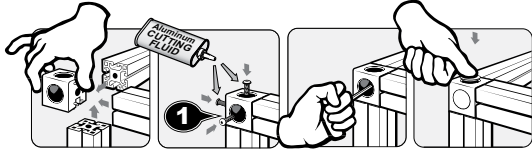
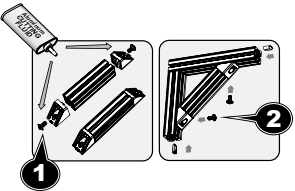
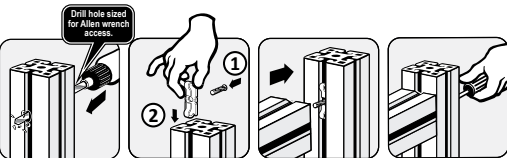
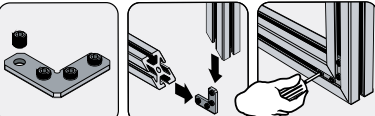


Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
151185		\$9.50	2d Cube Connector	30 x 30mm 30 x 60mm 60 x 60mm	Die-cast aluminum	Fasteners Included (161085)	161083	1	PDF
151186		\$10.00	3d Cube Connector			161085	n/a		PDF
151187		\$5.75	Angle Connector	30 x 30mm		151241 Requires manually tapping core hole to M8-1.25 x 20 DP	161066		PDF
151188		\$9.75		30 x 60mm					
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

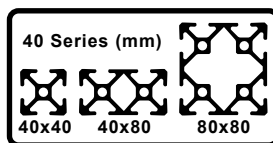
Connecting Components

- 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		\$11.00	3d Cube Connector				n/a		PDF	
166370		\$13.00							PDF	
151217		\$13.00	Angle Connector	40 x 80mm			161067		PDF	
166371		\$16.00							PDF	
151218		\$12.75							161068	PDF
166372		\$16.00								PDF

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

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

40 Series Connecting Components - Continued									
Fits		Slot Size		40 Series (mm) 40x40 40x80 80x80					
		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		\$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

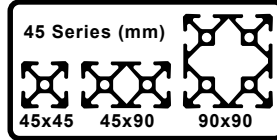
Connecting Components

- 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



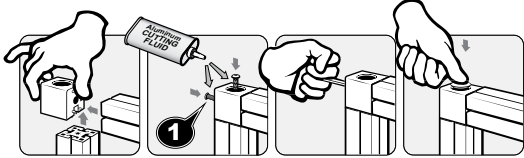
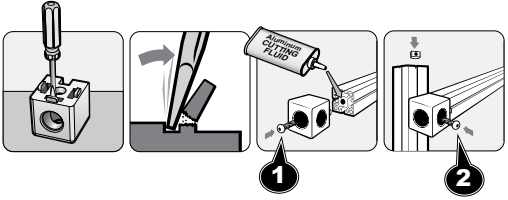
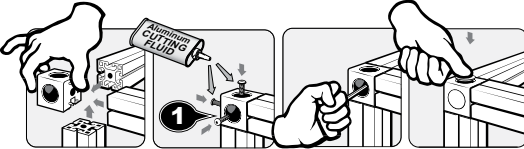
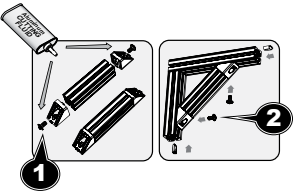
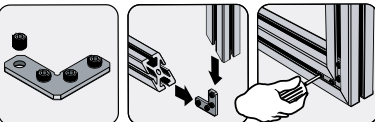
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						Core Hole Attachment 1	*T-Slot Attachment 2		
148960		\$11.00	2d Cube Connector	45 x 45mm	Die-cast aluminum	161110	161068	1	PDF
148961		\$11.00	3d Cube Connector			Fasteners Included (161110)	n/a		PDF
151246		\$10.00	Angle Connector			161110	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	Steel	M10-1.25 x 8mm set screw (4) included		PDF		
162962		\$12.50	Miter Connector				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	