

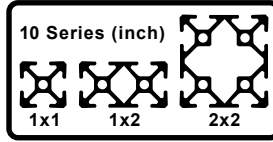
FATH® T-Slotted Rail Accessories

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



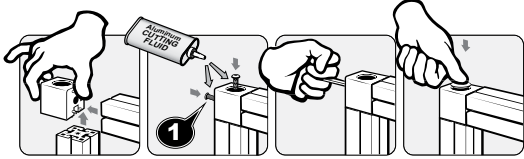
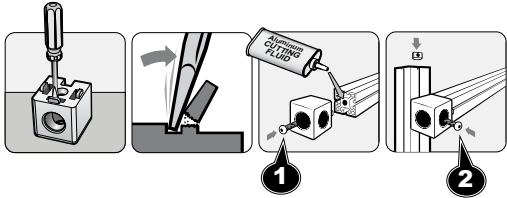
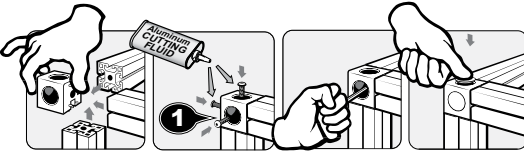
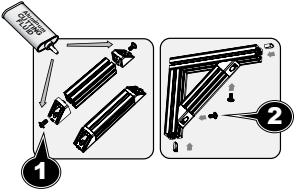
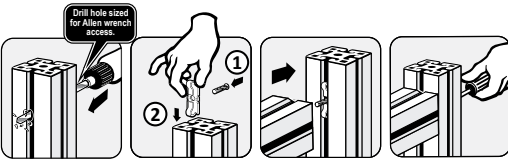
Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
148953		\$8.25	2d Cube Connector	1 x 1in	Die-cast aluminum	161103	Socket Head Cap Screw 1/4-20 x 7/16" **	1	PDF
148956		\$10.50	3d Cube Connector				n/a		PDF
151042		\$3.75	Angle Connector				1 x 2in		151040
151043		\$6.00		PDF					
163007		\$10.50	Screw Connector	1 x 1in			Zinc plated steel		Designer's choice

*T-Slot Nut also required.

** Recommended fastener not available from AutomationDirect.com

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

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

FATH® T-Slotted Rail Accessories

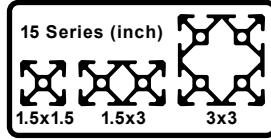
Connecting Components

- 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


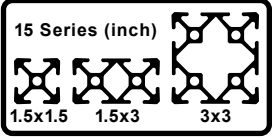




Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
148954		\$10.00	2d Cube Connector	1.5 x 1.5in	Die-cast aluminum	161105	151100	1	PDF
148957		\$11.50	3d Cube Connector						PDF
151107		\$6.75	Angle Connector						1.5 x 3in
151108		\$10.50		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			PDF	
151105		\$9.50	Automatic Butt Connector		Steel			PDF	
151106		\$8.50	Milling Connector		Zinc plated steel			1	PDF
151109		\$15.50	Connecting Strip						PDF
162891		\$13.00	Direct Connector						Steel

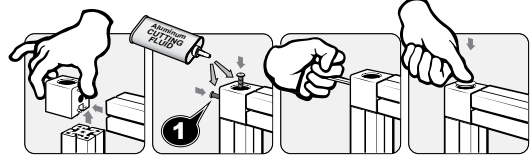
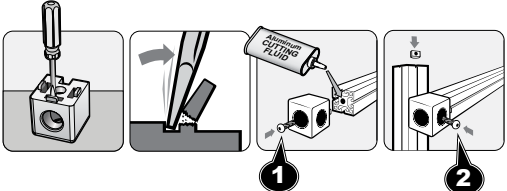
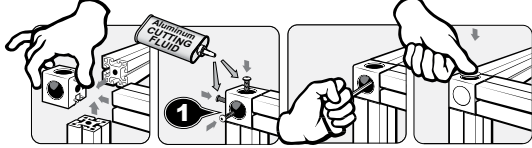
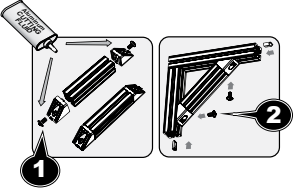
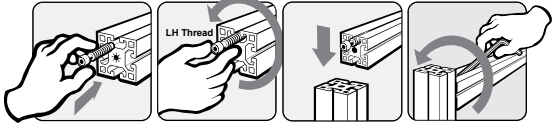
*T-Slot Nut also required.

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

15 Series Connecting Components - Continued									
		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		
162961		\$11.50	Miter Connector	All 15 Series	Steel	n/a	M8-1.25 x 8mm set screw (4) included	1	PDF
163009		\$13.25	Screw Connector	1.5 x 1.5in	Zinc plated steel	n/a	Designer's choice	10	PDF

*T-Slot Nut also required

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

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

Connecting Components Installation	
T-Slot Installation	
T-matic Connector	<p>Use Torx T60 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 rail is square</p>
Screw Connector	<p>Drill hole sized for Allen wrench access</p>
Miter Connector	

FATH® T-Slotted Rail Accessories

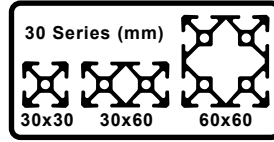
Connecting Components

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



30 Series Connecting Components

Fits Slot Size 8

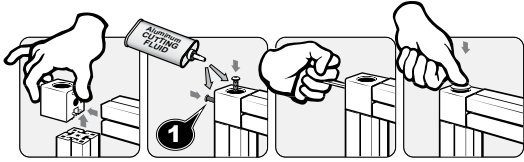
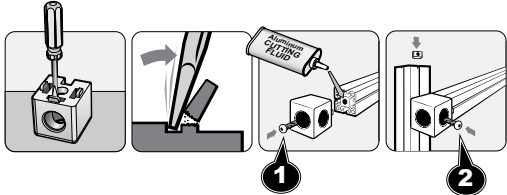
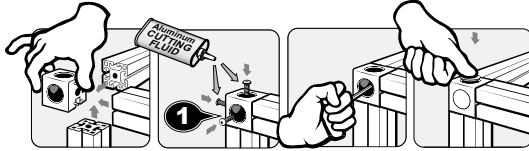
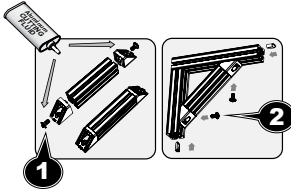
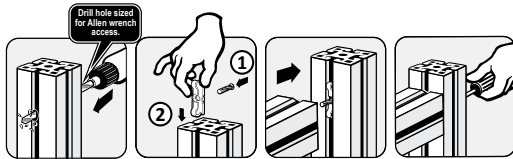
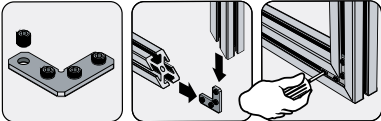


Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
151185		\$9.50	2d Cube Connector	30 x 30mm 30 x 60mm 60 x 60mm	Die-cast aluminum	161085	161083	1	PDF
151186		\$10.00	3d Cube Connector				n/a		PDF
151187		\$4.75	Angle Connector			30 x 30mm	151241 Requires manually tapping core hole to M8-1.25 x 20 DP		161066
151188		\$7.25		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
<p>2D Cube Connector</p> 	
<p>3D Cube Connector</p> 	<p>n/a</p>
<p>Angle Connector</p> 	
<p>Screw Connector</p> 	
<p>Miter Connector</p> 	

FATH® T-Slotted Rail Accessories

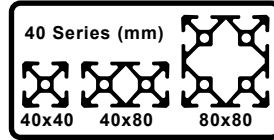
Connecting Components

- 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


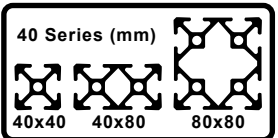






Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
148958		\$10.00	2d Cube Connector	40 x 40mm	Die-cast aluminum	161105	161085	1	PDF
148959		\$11.00	3d Cube Connector				n/a		PDF
151217		\$13.00	Angle Connector				161067		PDF
151218		\$11.00					40 x 80mm		161068
151102		\$23.50	Duo Connector	All 40 Series	Steel	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		Zinc plated steel		1	PDF	
151106		\$8.50	Milling Connector					PDF	
151109		\$15.50	Connecting Strip					PDF	
162891		\$13.00	Direct Connector					Steel	Fasteners included

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

FATH® T-Slotted Rail Accessories

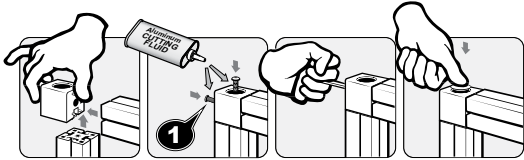
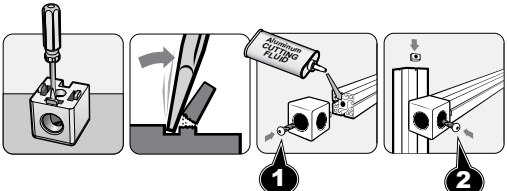
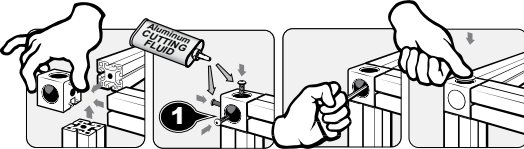
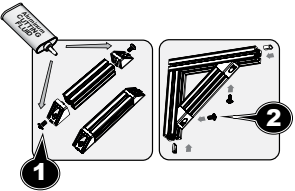
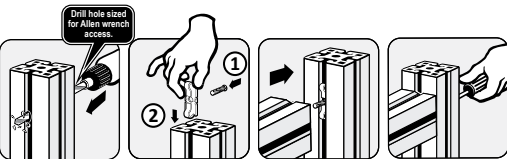
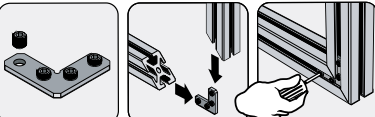
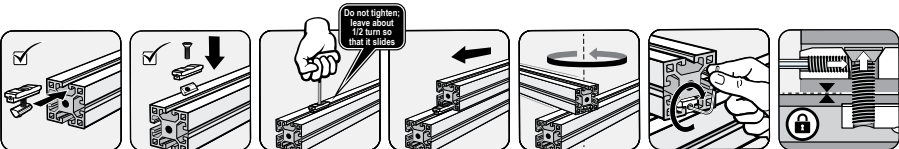
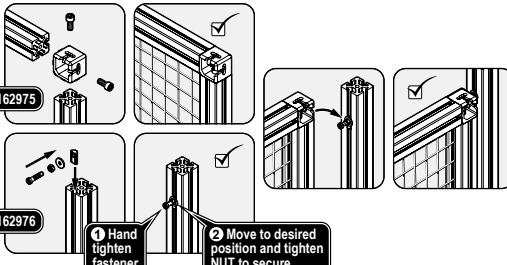
Connecting Components - Continued

40 Series Connecting Components - Continued										
		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			
162961		\$11.50	Miter Connector	All 40 Series	Steel	n/a	M8-1.25 x 8mm set screw (4) included	1	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.

FATH® T-Slotted Rail Accessories

Connecting Components - Continued

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

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

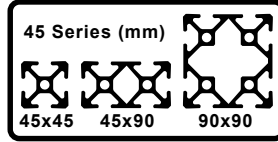
Connecting Components

- 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



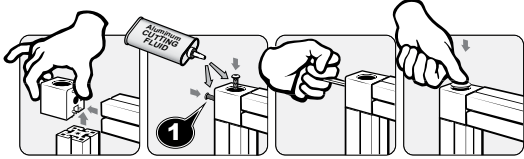
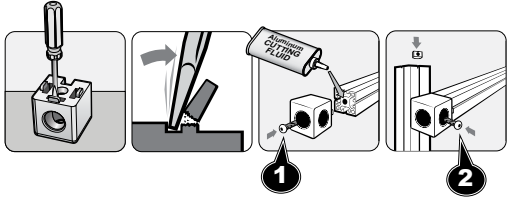
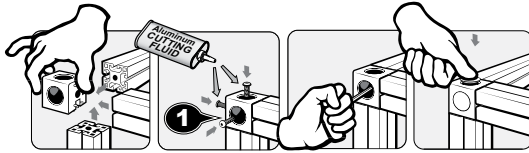
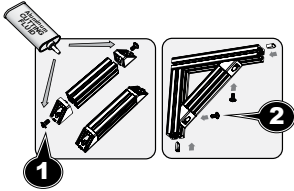
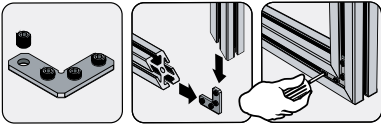
Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
<u>148960</u>		\$11.00	2d Cube Connector	45 x 45mm	Die-cast aluminum	161110	<u>161068</u>	1	<u>PDF</u>
<u>148961</u>		\$11.00	3d Cube Connector				n/a		<u>PDF</u>
<u>151246</u>		\$10.00	Angle Connector				45 x 90mm		<u>151241</u>
<u>151247</u>		\$16.50		<u>PDF</u>					
** <u>151242</u>		\$96.00	T-Matic Connector	All 45 Light Series (45-xxxxCL)	Zinc plated steel	n/a	10	<u>PDF</u>	
** <u>151243</u>		\$59.00	Automatic Connector		Steel			<u>PDF</u>	
** <u>151244</u>		\$11.00	Automatic Butt Connector		<u>PDF</u>				
<u>151245</u>		\$11.50	Milling Connector	All 45 Series	Zinc plated steel	n/a	1	<u>PDF</u>	
<u>151248</u>		\$18.00	Connecting Strip					<u>PDF</u>	
<u>162892</u>		\$13.00	Direct Connector		Steel		Fasteners included	<u>PDF</u>	
<u>162962</u>		\$12.50	Miter Connector				M10-1.25 x 8mm set screw (4) included	<u>PDF</u>	

*T-Slot Nut also required.

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

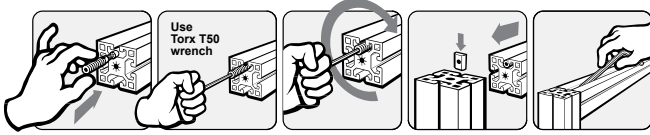
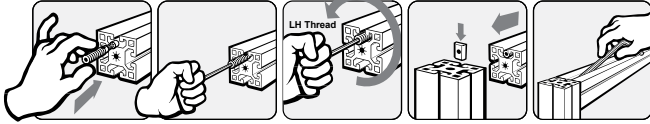
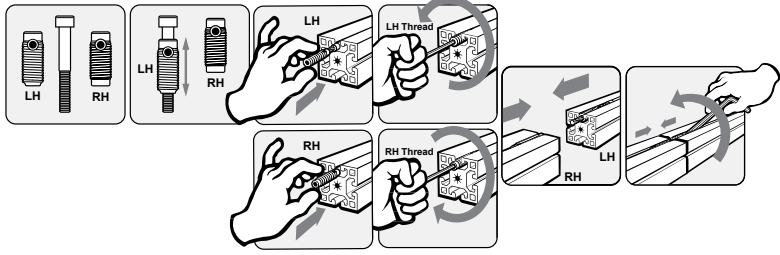
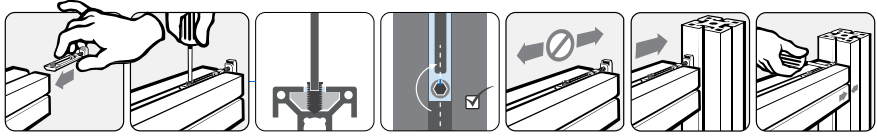
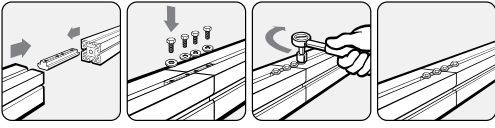
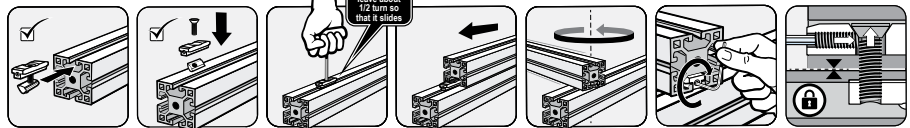
FATH® T-Slotted Rail Accessories

Connecting Components - Continued

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

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	