



# Aluminum T-Slotted Rail

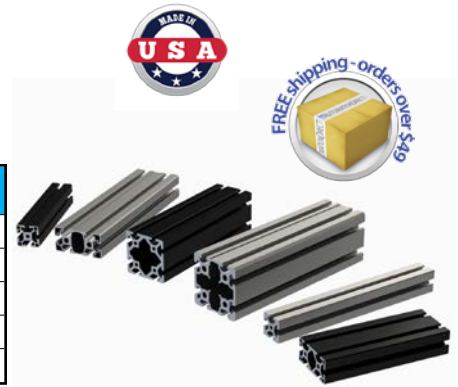
## 40 Series Metric T-Slotted Aluminum Rail

SureFrame™ T-slotted aluminum rails are extruded exclusively for AutomationDirect, with features, quality, and performance you expect. SureFrame T-slotted rails are compatible with other popular brands.

- Cut to length in 0.01 cm increments
- Minimum cut length: 15.24 cm
- Maximum cut length: 228.0 cm
- Cut accuracy: +/- 0.015 cm [0.15mm]
- Corrosion and UV resistant



Properties	
<b>Material</b>	Aluminum 6063-T6
<b>Finish</b>	Clear or Black Anodize
<b>Hardness</b>	Webster Model B 11-12
<b>Straightness</b>	0.0125 inch/ft [1.042 mm/m]
<b>Twist</b>	0.25°/ft [0.25°/305mm]



40 Series (metric)								
Slot Size 8		Core Hole Ø 6.8 mm				Drop Lock T-Slot Drop Lock feature improves connection strength and vibration resistance		
Part Number	Part Image	Price per cm	Profile Size	Weight Class	Weight lbs/ft [kg/m]	Moment of Inertia Lx (in <sup>4</sup> [cm <sup>4</sup> ])	Moment of Inertia Ly (in <sup>4</sup> [cm <sup>4</sup> ])	Drawing Link
<a href="#">40-4040C</a>		\$0.30	40 x 40mm	Standard	1.624 [2.417]	0.324 [13.478]	0.324 [13.478]	<a href="#">PDF</a>
<a href="#">40-4040B</a>		\$0.40						<a href="#">PDF</a>
<a href="#">40-4040CL</a>		\$0.24		Light	1.170 [1.741]	0.219 [9.110]	0.219 [9.110]	<a href="#">PDF</a>
<a href="#">40-4040BL</a>		\$0.31						<a href="#">PDF</a>

Extruded T-slotted rails have a thru Core Hole feature that can be used to attach various components to the end of the profile using:

- Self-tapping / thread-forming screws (no tapping needed)
- A tap to thread the core hole for a threaded fastener



*Please Note: Prices on aluminum are closely tied to the market price. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.*



# Aluminum T-Slotted Rail

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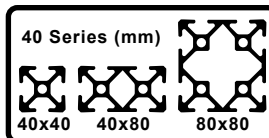
Properties	
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<b>Finish</b>	Clear or Black Anodize
<b>Hardness</b>	Webster Model B 11-12
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<b>Twist</b>	0.25°/ft [0.25°/305mm]



## 40 Series (metric) - Continued



Core Hole Ø 6.8 mm



T-Slot Drop Lock feature improves connection strength and vibration resistance

Part Number	Part Image	Price per cm	Profile Size	Weight Class	Weight lbs/ft [kg/m]	Moment of Inertia Lx (in <sup>4</sup> [cm <sup>4</sup> ])	Moment of Inertia Ly (in <sup>4</sup> [cm <sup>4</sup> ])	Drawing Link
<a href="#">40-4080C</a>		\$0.54	40 x 80mm	Standard	2.925 [4.353]	.0621 [25.834]	2.846 [118.477]	<a href="#">PDF</a>
<a href="#">40-4080B</a>		\$0.69						<a href="#">PDF</a>
<a href="#">40-4080CL</a>		\$0.47		Light	2.482 [3.694]	0.495 [20.592]	1.760 [73.258]	<a href="#">PDF</a>
<a href="#">40-4080BL</a>		\$0.59						<a href="#">PDF</a>
<a href="#">40-8080C</a>		\$0.78	80 x 80mm	Standard	4.281 [6.371]	4.073 [169.520]	4.073 [169.520]	<a href="#">PDF</a>
<a href="#">40-8080B</a>		\$0.95						<a href="#">PDF</a>

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# Aluminum T-Slotted Rail

## Deflection Calculations

Using the calculations below, find your approximate deflection\* for a specific extrusion.  
See table below for variations.

**As always when calculating, use diligence and work only in either imperial or metric units at one time.**

"E" = Modulus of Elasticity

"F" = Force

"I" = Moment of Inertia

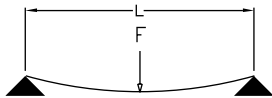
"L" = Length

"W" = Weight

*\*for reference only*

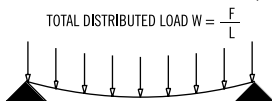
### Supported Loads

CONCENTRATED LOAD AT CENTER (simply supported)



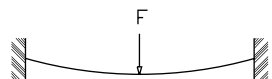
$$\text{MAX DEFLECTION} = \frac{FL^3}{48 EI}$$

UNIFORMLY DISTRIBUTED LOAD (simply supported)



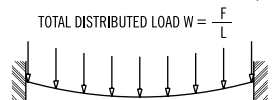
$$\text{MAX DEFLECTION} = \frac{5}{84} \frac{WL^4}{EI}$$

CONCENTRATED LOAD AT CENTER (between fixed supports)



$$\text{MAX DEFLECTION} = \frac{FL^3}{192 EI}$$

UNIFORMLY DISTRIBUTED LOAD (between fixed supports)



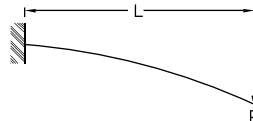
$$\text{MAX DEFLECTION} = \frac{WL^4}{384 EI}$$

### Aluminum 6063-T6 Properties

<b>Yield Strength</b>	29,007 psi [200 MPa]
<b>Tensile Strength</b>	33,359 psi [230 MPa]
<b>Modulus of Elasticity</b>	10,000,000 psi [68.9 GPa]

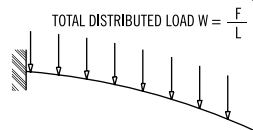
### Cantilever Loads

CONCENTRATED LOAD AT CENTER (simply supported)



$$\text{MAX DEFLECTION} = \frac{FL^3}{3 EI}$$

UNIFORMLY DISTRIBUTED LOAD (simply supported)


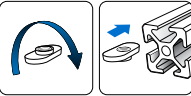










$$\text{MAX DEFLECTION} = \frac{WL^4}{8 EI}$$





# FATH® T-Slotted Rail Accessories

## T-Slot Nuts

- Designed to fit into the T-slot cavity of extruded aluminum rails.
- Hammer nuts provide safe electrostatic discharging (ESD) connection.
- No machining required.
- Material: zinc plated steel

T-Slot Nuts Selection					
Part Image	Nut Type	Installation	Holds Position Without Screw	ESD Connection	
	Double Economy T-Nut			No	
	Economy T-Nut				
	Hammer Nut		No	Yes	
	Slide-In Nut			No	
	Roll-In Nut with Leaf Spring		Yes		
	Roll-In Nut with Spring Loaded Ball				















40 Series T-Slot Nuts						
<div><div><div>Fits</div><div>Slot Size</div><div>8</div></div><div><div>40 Series (mm)</div><div><div></div><div></div><div></div></div><div>40x40   40x80   80x80</div></div></div>						
Part Number	Part Image	Price	Nut Type	Thread Size	Pack Quantity	Drawing Link
<a href="#">161126</a>		\$8.25	Hammer Nut	10-32 UNF	10	<a href="#">PDF</a>
<a href="#">162996</a>		\$17.50	Roll-In Nut			<a href="#">PDF</a>
<a href="#">162903</a>		\$9.50	Slide-In Nut			<a href="#">PDF</a>
<a href="#">151097</a>		\$9.50	Hammer Nut	1/4-20 UNC		<a href="#">PDF</a>
<a href="#">151098</a>		\$20.00	Roll-In Nut			<a href="#">PDF</a>
<a href="#">162997</a>		\$17.50				<a href="#">PDF</a>











# FATH® T-Slotted Rail Accessories

## T-Slot Nuts - Continued

40 Series T-Slot Nuts - Continued						
<div>Fits</div>		<div>Slot Size</div> <div>8</div>	<div>40 Series (mm)</div> <div><div>40x40</div><div>40x80</div><div>80x80</div></div>			
Part Number	Part Image	Price	Nut Type	Thread Size	Pack Quantity	Drawing Link
<a href="#">162904</a>		\$9.50	Slide-In Nut	1/4-20 UNC	10	<a href="#">PDF</a>
<a href="#">151099</a>		\$20.00	Roll-In Nut	5/16-18 UNC		<a href="#">PDF</a>
<a href="#">162998</a>		\$17.50				<a href="#">PDF</a>
<a href="#">161129</a>		\$8.00	Hammer Nut	M4-0.7		<a href="#">PDF</a>
<a href="#">162999</a>		\$17.50	Roll-In Nut			<a href="#">PDF</a>
<a href="#">161130</a>		\$8.00	Hammer Nut	M5-0.8		<a href="#">PDF</a>
<a href="#">161120</a>		\$16.75	Roll-In Nut			<a href="#">PDF</a>
<a href="#">163000</a>		\$17.50				<a href="#">PDF</a>
<a href="#">151214</a>		\$9.00	Hammer Nut	M6-1.0		<a href="#">PDF</a>
<a href="#">162884</a>		\$9.75	Slide-In Nut			<a href="#">PDF</a>
<a href="#">151215</a>		\$19.00	Roll-In Nut			<a href="#">PDF</a>
<a href="#">163001</a>		\$17.50				<a href="#">PDF</a>

# FATH® T-Slotted Rail Accessories

## T-Slot Nuts - Continued










40 Series T-Slot Nuts - Continued						
<div><div><div>Fits</div><div>Slot Size</div><div>8</div></div><div><div>40 Series (mm)</div><div><div></div><div></div><div></div></div><div><div>40x40</div><div>40x80</div><div>80x80</div></div></div></div>						
Part Number	Part Image	Price	Nut Type	Thread Size	Pack Quantity	Drawing Link
<a href="#"><u>151213</u></a>		\$6.00	Economy T-Nut	M8-1.25	10	<a href="#"><u>PDF</u></a>
<a href="#"><u>148802</u></a>		\$5.50	Double Economy T-Nut		4	<a href="#"><u>PDF</u></a>
<a href="#"><u>162885</u></a>		\$9.75	Slide-In Nut		10	<a href="#"><u>PDF</u></a>
<a href="#"><u>151216</u></a>		\$19.00	Roll-In Nut			<a href="#"><u>PDF</u></a>
<a href="#"><u>163002</u></a>		\$17.50				<a href="#"><u>PDF</u></a>

# FATH® T-Slotted Rail Accessories

## Fasteners

- Choose from 4 Head types in numerous lengths
- Hex socket head
- Select desired T-Slot nut style with corresponding thread size.
- Material: Black zinc plated or bright zinc plated steel, prevents corrosion better than typical black oxide coatings



40 Series Fasteners								
<div>Fits</div>		<div>Slot Size</div> <div>8</div>	<div>40 Series (mm)</div> <div><div>40x40</div><div>40x80</div><div>80x80</div></div>					
Part Number	Part Image	Price	Thread	Screw Length	Head Type	Color	Pack Quantity	Drawing Link
<a href="#">162994</a>		\$8.00	#8-32 UNF	3/8 in	Button head socket cap screw	Flat black	10	<a href="#">PDF</a>
<a href="#">161073</a>		\$7.75		1/2 in	Flat head socket cap screw			<a href="#">PDF</a>
<a href="#">162993</a>		\$7.50	#10-32 UNF	3/8 in	Button head socket cap screw			<a href="#">PDF</a>
<a href="#">162995</a>		\$7.75		1/2 in	Socket head cap screw			<a href="#">PDF</a>
<a href="#">161046</a>		\$4.75			5/8 in			Button head socket cap screw
<a href="#">161047</a>		\$5.00		<a href="#">PDF</a>				
<a href="#">161048</a>		\$5.75		3/4 in				
<a href="#">161074</a>		\$6.25	1/4-20 UNC	1/2 in	Flat head socket cap screw			<a href="#">PDF</a>
<a href="#">151040</a>		\$4.25			Button head socket cap screw			<a href="#">PDF</a>
<a href="#">151041</a>		\$5.25			Flanged button head socket cap screw	Gloss black		<a href="#">PDF</a>
<a href="#">161049</a>		\$4.75	1/4-20 UNC	9/16 in	Button head socket cap screw	Flat black		<a href="#">PDF</a>
<a href="#">161075</a>		\$6.25		5/8 in	Flat head socket cap screw			<a href="#">PDF</a>
<a href="#">161050</a>		\$4.75			Button head socket cap screw			<a href="#">PDF</a>
<a href="#">161087</a>		\$4.00			Socket head cap screw			<a href="#">PDF</a>

# FATH® T-Slotted Rail Accessories

## Fasteners - Continued
















40 Series Fasteners - Continued											
<div>Fits</div>		<div>Slot Size</div> <div>8</div>	<div>40 Series (mm)</div> <div><div>40x40</div><div>40x80</div><div>80x80</div></div>								
Part Number	Part Image	Price	Thread	Screw Length	Head Type	Color	Pack Quantity	Drawing Link			
<a href="#">161051</a>		\$4.75	1/4-20 UNC	3/4 in	Button head socket cap screw	Flat black	10	<a href="#">PDF</a>			
<a href="#">161052</a>		\$5.25		1 in				<a href="#">PDF</a>			
<a href="#">151100</a>		\$5.25		5/8 in				<a href="#">PDF</a>			
<a href="#">151101</a>		\$6.00	5/16-18 UNC	11/16 in	Flanged button head socket cap screw	Gloss black		<a href="#">PDF</a>			
<a href="#">161053</a>		\$6.00		1/2 in	Button head socket cap screw	Flat black		<a href="#">PDF</a>			
<a href="#">161054</a>		\$6.50		3/4 in				<a href="#">PDF</a>			
<a href="#">161055</a>		\$7.50		1 in				<a href="#">PDF</a>			
<a href="#">161088</a>		\$2.25	M4-0.7	8mm	Socket head cap screw	Bright zinc		<a href="#">PDF</a>			
<a href="#">161089</a>		\$2.50		10mm				<a href="#">PDF</a>			
<a href="#">161056</a>		\$1.00		Button head socket cap screw	<a href="#">PDF</a>						
<a href="#">161076</a>		\$1.50		12mm	Flat head socket cap screw			<a href="#">PDF</a>			
<a href="#">161057</a>		\$1.25	M5-0.8	10mm	Button head socket cap screw			<a href="#">PDF</a>			
<a href="#">161090</a>		\$2.50			Socket head cap screw			<a href="#">PDF</a>			
<a href="#">161077</a>		\$1.75		12mm	Flat head socket cap screw			<a href="#">PDF</a>			
<a href="#">161091</a>		\$2.75			Socket head cap screw			<a href="#">PDF</a>			

## Fasteners - Continued

40 Series Fasteners - Continued								
<div>Fits</div>		<div>Slot Size</div> <div>8</div>		<div>40 Series (mm)</div> <div><div>40x40</div><div>40x80</div><div>80x80</div></div>				
Part Number	Part Image	Price	Thread	Screw Length	Head Type	Color	Pack Quantity	Drawing Link
<a href="#">161058</a>		\$1.75	M5-0.8	12mm	Button head socket cap screw	Bright zinc	10	<a href="#">PDF</a>
<a href="#">161092</a>		\$2.75	M6-1.0	10mm	Socket head cap screw			<a href="#">PDF</a>
<a href="#">161078</a>		\$2.25		12mm	Flat head socket cap screw			<a href="#">PDF</a>
<a href="#">161059</a>		\$2.00			Button head socket cap screw			<a href="#">PDF</a>
<a href="#">161093</a>		\$2.75			Socket head cap screw			<a href="#">PDF</a>
<a href="#">161079</a>		\$2.50		14mm	Flat head socket cap screw			<a href="#">PDF</a>
<a href="#">161060</a>		\$2.25			Button head socket cap screw			<a href="#">PDF</a>
<a href="#">161094</a>		\$3.00			Socket head cap screw			<a href="#">PDF</a>
<a href="#">161080</a>		\$2.50		16mm	Flat head socket cap screw			<a href="#">PDF</a>
<a href="#">161061</a>		\$2.50			Button head socket cap screw			<a href="#">PDF</a>
<a href="#">161095</a>		\$3.00			Socket head cap screw			<a href="#">PDF</a>
<a href="#">161062</a>		\$3.00		18mm	Button head socket cap screw			<a href="#">PDF</a>
<a href="#">161096</a>		\$3.25			Socket head cap screw			<a href="#">PDF</a>
<a href="#">161081</a>		\$2.75		20mm	Flat head socket cap screw			<a href="#">PDF</a>
<a href="#">161063</a>		\$3.00			Button head socket cap screw			<a href="#">PDF</a>


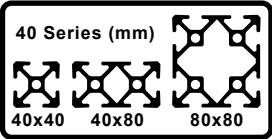







# FATH® T-Slotted Rail Accessories


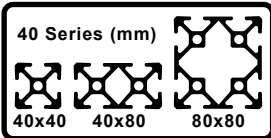



## Fasteners - Continued

40 Series Fasteners - Continued									
<div>Fits</div>		<div>Slot Size</div> <div>8</div>		<div>40 Series (mm)</div> <div><div>40x40</div><div>40x80</div><div>80x80</div></div>					
Part Number	Part Image	Price	Thread	Screw Length	Head Type	Color	Pack Quantity	Drawing Link	
<a href="#">161097</a>		\$3.25	M6-1.0	20mm	Socket head cap screw	Bright zinc	10	<a href="#">PDF</a>	
<a href="#">161064</a>		\$3.25		25mm	Button head socket cap screw			<a href="#">PDF</a>	
<a href="#">161082</a>		\$4.75	12mm	Flat head socket cap screw	<a href="#">PDF</a>				
<a href="#">161065</a>		\$4.25		Button head socket cap screw	<a href="#">PDF</a>				
<a href="#">161098</a>		\$4.75		Socket head cap screw	<a href="#">PDF</a>				
<a href="#">161066</a>		\$4.50	14mm	Button head socket cap screw	<a href="#">PDF</a>				
<a href="#">161083</a>		\$5.00		Flat head socket cap screw	<a href="#">PDF</a>				
<a href="#">161099</a>		\$5.00		Socket head cap screw	<a href="#">PDF</a>				
<a href="#">161084</a>		\$5.50	M8-1.25	16mm	Flat head socket cap screw			Gloss black	<a href="#">PDF</a>
<a href="#">161100</a>		\$5.50			Socket head cap screw				<a href="#">PDF</a>
<a href="#">161067</a>		\$4.75		Button head socket cap screw	Flanged button head socket cap screw	<a href="#">PDF</a>			
<a href="#">151183</a>		\$4.75				<a href="#">PDF</a>			
<a href="#">151184</a>		\$5.50		<a href="#">PDF</a>					
<a href="#">161085</a>		\$5.50	18mm	Flat head socket cap screw	Bright zinc	<a href="#">PDF</a>			
<a href="#">161068</a>		\$5.25		Button head socket cap screw		<a href="#">PDF</a>			

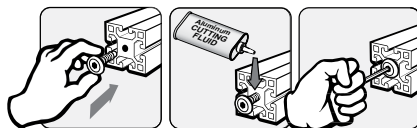
# FATH® T-Slotted Rail Accessories

## Fasteners - Continued

40 Series Fasteners - Continued								
		Fits 						
Part Number	Part Image	Price	Thread	Screw Length	Head Type	Color	Pack Quantity	Drawing Link
<a href="#">161101</a>		\$5.50	M8-1.25	18mm	Socket head cap screw	Bright zinc	10	<a href="#">PDF</a>
<a href="#">151241</a>		\$4.50		20mm	Button head socket cap screw			<a href="#">PDF</a>
<a href="#">161102</a>		\$5.75			Socket head cap screw			<a href="#">PDF</a>
<a href="#">161086</a>		\$7.00		25mm	Flat head socket cap screw			<a href="#">PDF</a>
<a href="#">161069</a>		\$5.25			Button head socket cap screw			<a href="#">PDF</a>
<a href="#">161070</a>		\$8.00		40mm	Button head socket cap screw			<a href="#">PDF</a>
<a href="#">118287</a>		\$2.50		25mm	Hammer head screw and flange nut		1	<a href="#">PDF</a>

40 Series Self Forming / Tapping Screws								
		Fits 				Works with Aluminum with hole diameter 0.256" - 0.276" [6.6 - 7.0 mm]		
Part Number	Part Image	Price	Thread	Screw Length	Head Type	Color	Pack Quantity	Drawing Link
<a href="#">161105</a>		\$17.00	S7	25mm	Self-Tapping Screw Button head socket cap	Bright zinc	10	<a href="#">PDF</a>
<a href="#">161106</a>		\$9.25			Self-Tapping Screw Flanged button head socket cap T-40 Torx			<a href="#">PDF</a>
<a href="#">161107</a>		\$17.00		40mm	Self-Tapping Screw Button head socket cap			<a href="#">PDF</a>

### Self Forming / Tapping Screw Installation





# FATH® T-Slotted Rail Accessories

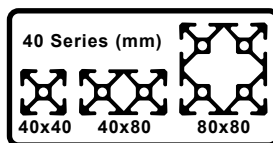
## Connecting Components









- 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			
<a href="#">148958</a>		\$10.00	2d Cube Connector	40 x 40mm	Die-cast aluminum	Fasteners Included ( <a href="#">161105</a> )	<a href="#">161085</a>	1	<a href="#">PDF</a>	
<a href="#">166369</a>		\$12.00							<a href="#">PDF</a>	
<a href="#">148959</a>		\$11.50	3d Cube Connector				n/a		<a href="#">PDF</a>	
<a href="#">166370</a>		\$13.00							<a href="#">PDF</a>	
<a href="#">151217</a>		\$13.50	Angle Connector				40 x 80mm		Fasteners Included ( <a href="#">161067</a> and <a href="#">151216</a> )	<a href="#">PDF</a>
<a href="#">166371</a>		\$16.00								<a href="#">PDF</a>
<a href="#">151218</a>		\$13.50		<a href="#">PDF</a>						
<a href="#">166372</a>		\$16.50		<a href="#">PDF</a>						

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

# FATH® T-Slotted Rail Accessories

## Connecting Components - Continued

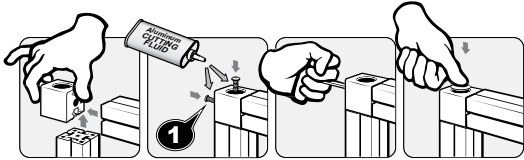
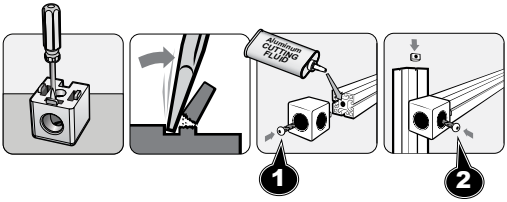
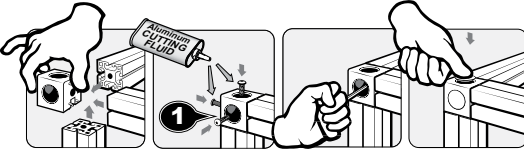
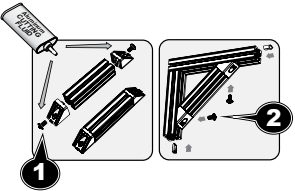
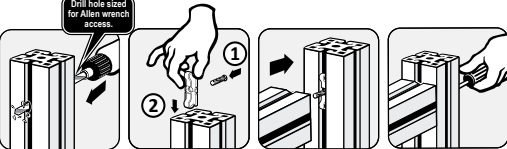
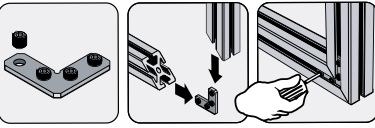
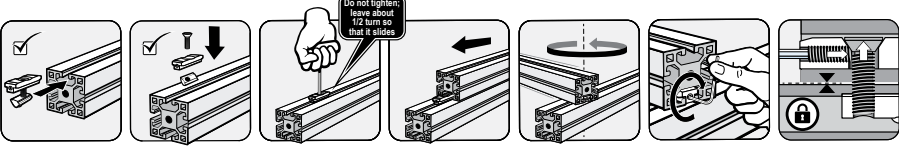
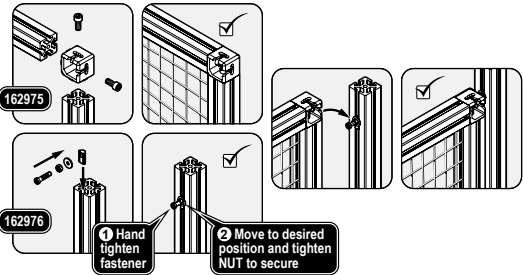
40 Series Connecting Components - Continued									
Fits		Slot Size 8	<div>40 Series (mm)</div> <div><div>40x40</div><div>40x80</div><div>80x80</div></div>						
Part Number	Part Image	Price	Description	Fits Profile	Material	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2		
<a href="#">151102</a>		\$23.50	Duo Connector	All 40 Series	Steel	n/a	n/a	10	<a href="#">PDF</a>
<a href="#">151103</a>		\$96.00	T-Matic Connector		Zinc plated steel				<a href="#">PDF</a>
<a href="#">151104</a>		\$59.00	Automatic Connector		Steel				<a href="#">PDF</a>
<a href="#">151105</a>		\$9.50	Automatic Butt Connector					<a href="#">PDF</a>	
<a href="#">151106</a>		\$8.50	Milling Connector		Zinc plated steel			<a href="#">PDF</a>	
<a href="#">151109</a>		\$15.50	Connecting Strip					<a href="#">PDF</a>	
<a href="#">162891</a>		\$13.00	Direct Connector		Steel		Fasteners included	1	<a href="#">PDF</a>
<a href="#">162961</a>		\$11.50	Miter Connector		Steel	n/a	M8-1.25 x 8mm set screw (4) included		<a href="#">PDF</a>
<a href="#">162975</a>		\$21.00	Clamp Profile Connector works with <a href="#">162976</a>		Die-cast zinc	<a href="#">161105</a> (2) included with kit	n/a		<a href="#">PDF</a>
<a href="#">162976</a>		\$5.50	Mounting Element works with <a href="#">162975</a>		Steel	n/a	Fasteners included		<a href="#">PDF</a>
<a href="#">163009</a>		\$13.25	Screw Connector	Zinc plated steel	Designer's choice	n/a	10	<a href="#">PDF</a>	

\*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
<b>2D Cube Connector</b>	
	
<b>3D Cube Connector</b>	
	n/a
<b>Angle Connector</b>	
	
<b>Screw Connector</b>	
	
<b>Miter Connector</b>	
	
<b>Direct Connector</b>	
	
<b>Clamp Profile Connector</b>	
	

# FATH® T-Slotted Rail Accessories

## Connecting Components - Continued

Connecting Components Installation	
T-Slot Installation	
<b>Duo Connector</b>	
<b>T-matic Connector</b>	
<b>Automatic Connector</b>	
<b>Automatic Butt Connector</b>	
<b>Milling Connector</b>	
<b>Connecting Strip</b>	

# FATH® T-Slotted Rail Accessories

## Joining Plates








- Connects two or more T-slot rails together.
- Recommended ADC Fastener based on part feature and slot depth.
- Material: Anodized aluminum



40 Series Joining Plates								
Fits		Slot Size 8	<div>40 Series (mm)</div> <div><div></div>40x40</div> <div><div></div>40x80</div> <div><div></div>80x80</div>					
Part Number	Part Image	Price	Description	Recommended Screw Fastener *T-Slot Attachment (ADC Part Number)	Pack Quantity	Drawing Link		
<a href="#">148850</a>		\$5.75	Straight Flat Plate	<a href="#">151183</a> or <a href="#">151184</a>	1	<a href="#">PDF</a>		
<a href="#">166373</a>		\$7.00				<a href="#">PDF</a>		
<a href="#">162986</a>		\$8.00				<a href="#">PDF</a>		
<a href="#">166374</a>		\$11.00				<a href="#">PDF</a>		
<a href="#">148856</a>		\$12.00				<a href="#">PDF</a>		
<a href="#">166375</a>		\$14.00				<a href="#">PDF</a>		
<a href="#">148853</a>		\$11.50	Square Flat Plate					<a href="#">PDF</a>
<a href="#">166376</a>		\$14.00						<a href="#">PDF</a>
<a href="#">148858</a>		\$12.00	Rectangular Flat Plate					<a href="#">PDF</a>
<a href="#">166377</a>		\$15.00						<a href="#">PDF</a>
<a href="#">151219</a>		\$14.50	Flat Plate					<a href="#">PDF</a>
<a href="#">166378</a>		\$17.00						<a href="#">PDF</a>
*T-Slot Nut also required.								

# FATH® T-Slotted Rail Accessories

## Joining Plates - Continued

40 Series Joining Plates - Cont'd						
<div><div>Fits</div><div>Slot Size 8</div><div><div>40 Series (mm)</div><div><div>40x40</div><div>40x80</div><div>80x80</div></div></div></div>						
Part Number	Part Image	Price	Description	Recommended Screw Fastener *T-Slot Attachment (ADC Part Number)	Pack Quantity	Drawing Link
<a href="#">151220</a>		\$16.50	T-Shaped Flat Plate	<a href="#">151183</a> or <a href="#">151184</a>	1	<a href="#">PDF</a>
<a href="#">166379</a>		\$21.00				<a href="#">PDF</a>
<a href="#">151221</a>		\$27.50	T-Shaped Flat Plate			<a href="#">PDF</a>
<a href="#">166380</a>		\$34.00				<a href="#">PDF</a>
*T-Slot Nut also required.						

# FATH® T-Slotted Rail Accessories

## Brackets

- Connects two T-slot rails together at a 90° angle
- Recommended ADC Fastener based on part feature and slot depth
- Material: varies by part



40 Series Brackets									
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	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link	
				Core Hole Attachment 1	*T-Slot Attachment 2				
<a href="#">151125</a>		\$7.75	Angle Bracket	n/a	<a href="#">151241</a>	1	Die-cast aluminum	<a href="#">PDF</a>	
<a href="#">166322</a>		\$9.00			<a href="#">PDF</a>				
<a href="#">151126</a>		\$11.50			<a href="#">161068</a>		Die-cast zinc	<a href="#">PDF</a>	
<a href="#">166323</a>		\$13.00			<a href="#">PDF</a>				
<a href="#">151222</a>		\$4.25	Inside Corner Bracket		n/a	<a href="#">151183</a> or <a href="#">151184</a>	10	Anodized aluminum	<a href="#">PDF</a>
<a href="#">151222-10</a>		\$40.00							<a href="#">PDF</a>
<a href="#">166381</a>		\$5.00	<a href="#">PDF</a>						
<a href="#">151223</a>		\$6.25	Wide Inside Corner Bracket				<a href="#">PDF</a>		
<a href="#">166382</a>		\$7.00					<a href="#">PDF</a>		
<a href="#">151224</a>		\$6.25	Tall Inside Corner Bracket				<a href="#">PDF</a>		
<a href="#">166383</a>		\$7.00					<a href="#">PDF</a>		
<a href="#">151225</a>		\$11.50	Inside Corner Bracket				<a href="#">PDF</a>		
<a href="#">166384</a>		\$14.00					<a href="#">PDF</a>		
















\*T-Slot Nut also required.

\*T-Slot Nut also required.



# FATH® T-Slotted Rail Accessories

## Brackets - Continued

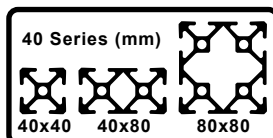
40 Series Brackets - Cont'd													
Fits		Slot Size 8	<div>40 Series (mm)</div> <div><div></div><div></div><div></div></div> <div>40x40   40x80   80x80</div>										
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link					
				Core Hole Attachment 1	*T-Slot Attachment 2								
<a href="#">151226</a>		\$3.75	Gusseted Inside Corner Bracket	n/a	<a href="#">151183</a> or <a href="#">151184</a>	1		<a href="#">PDF</a>					
<a href="#">151226-10</a>		\$35.00				10		<a href="#">PDF</a>					
<a href="#">166385</a>		\$4.00	Tall Gusseted Inside Corner Bracket			1		<a href="#">PDF</a>					
<a href="#">151227</a>		\$9.00						<a href="#">PDF</a>					
<a href="#">166386</a>		\$11.00	Wide Gusseted Inside Corner Bracket					<a href="#">PDF</a>					
<a href="#">148911</a>		\$6.75						<a href="#">PDF</a>					
<a href="#">166387</a>		\$8.00	Gusseted Inside Corner Bracket					<a href="#">PDF</a>					
<a href="#">151228</a>		\$14.50						<a href="#">PDF</a>					
<a href="#">166388</a>		\$17.00						<a href="#">PDF</a>					
<a href="#">151229</a>		\$29.50	Pivot Joint	<a href="#">161105</a>	<a href="#">161066</a>		Die-cast zinc	<a href="#">PDF</a>					
<a href="#">166389</a>		\$36.00						<a href="#">PDF</a>					
<a href="#">151230</a>		\$39.50	Pivot Joint With Locking Handle					<a href="#">PDF</a>					
<a href="#">166390</a>		\$47.00						<a href="#">PDF</a>					
*T-Slot Nut also required.													



# FATH® T-Slotted Rail Accessories

## Brackets - Continued

### 40 Series Brackets - Continued

Fits

Slot Size  
8

Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
				Core Hole Attachment ①	*T-Slot Attachment ②			
<a href="#">163015</a>		\$31.25	1-Slot Pivot Joint	<a href="#">161105</a>	<a href="#">161068</a>	1	Die-cast zinc/die-cast aluminum/ nylon	<a href="#">PDF</a>
<a href="#">163018</a>		\$41.00	2-Slot Pivot Joint					<a href="#">PDF</a>

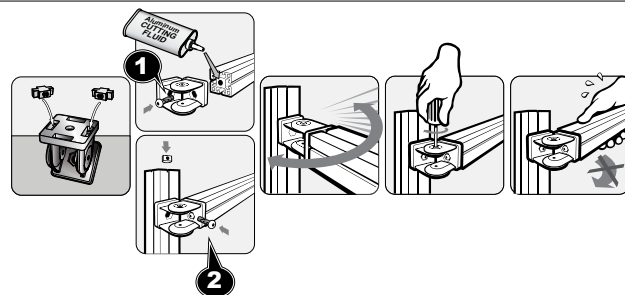
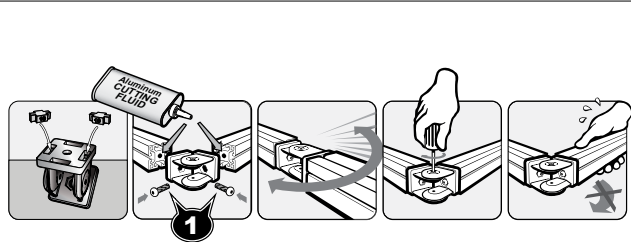
\*T-Slot Nut also required.

### Brackets Installation

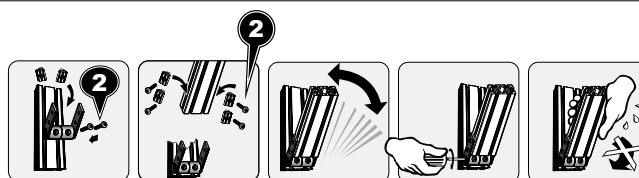
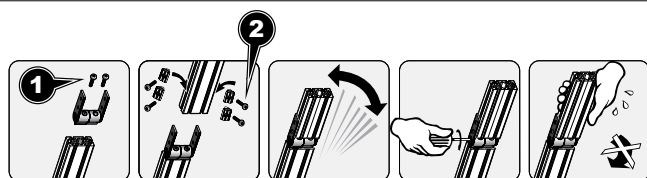
#### Core Hole Installation

#### T-Slot Installation

#### Pivot Joint\*



#### Pivot Joint

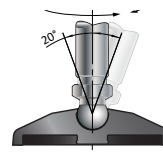


\*For 45 series installation, the 10mm embossed key should face toward the aluminum extrusion upon assembly.

# FATH® T-Slotted Rail Accessories

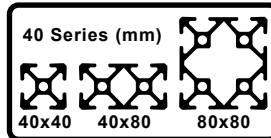
## Bases











- Recommended ADC Fastener based on part features and extrusion core hole
- Material: varies by part



### 40 Series Bases

Fits  Slot Size 8



Part Number	Part Image	Price	Diameter	Description	Fits	Load Rating kg [lb]	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
							Core Hole Attachment ①	*T-Slot Attachment ②			
<a href="#">151232</a>		\$16.50	n/a	M12-1.75 Transport/Base Plate	40 x 80mm	n/a	<a href="#">161105</a> (2) included with kit	n/a	1	Die-cast zinc	<a href="#">PDF</a>
<a href="#">151233</a>		\$23.00			80 x 80mm		<a href="#">161105</a> (4) included with kit				<a href="#">PDF</a>
<a href="#">162948</a>		\$20.00		M16-2.0 Transport/Base Plate	40 x 80mm		<a href="#">161105</a> (2) included with kit				<a href="#">PDF</a>
<a href="#">162949</a>		\$25.00			80 x 80mm		<a href="#">161105</a> (4) included with kit				<a href="#">PDF</a>
<a href="#">162950</a>		\$25.00		M20-2.5 Transport/Base Plate							<a href="#">PDF</a>
<a href="#">151231</a>		\$4.50	1.57 in [39.0 mm]	M12-1.75 x 66mm Swivel Foot Threaded Rod with 15mm ball	Transport/Base Plate <a href="#">151232</a> or <a href="#">151233</a>	770 [1698]**	n/a	n/a	1	Zinc plated steel	<a href="#">PDF</a>
<a href="#">162938</a>		\$6.50		M16-2.0 x 100mm Swivel Foot Threaded Rod with 15mm ball	Transport/Base Plate <a href="#">162948</a> or <a href="#">162949</a>	1450 [3197]					<a href="#">PDF</a>
<a href="#">162939</a>		\$11.00		M20-2.5 x 150mm Swivel Foot Threaded Rod with 15mm ball	Transport/Base Plate <a href="#">162950</a>	2430 [5357]					<a href="#">PDF</a>
<a href="#">151068</a>		\$4.00		Swivel Base With Anti-Slip Plate	Any 15mm ball Threaded Rod	900 [1984]				Nylon	<a href="#">PDF</a>
<a href="#">151071</a>		\$9.50				3000 [6614]				Die-cast zinc	<a href="#">PDF</a>

\*T-Slot Nut also required.

\*\*Based on installation with Transport / Base Plate

Load rating of a swivel foot assembly is based on the part with the lowest load rating, typically the threaded rod.

Example:


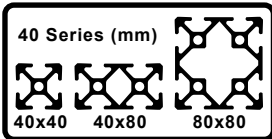








Threaded rod load rating = 210kg [463lb]

Swivel base load rating = 3000kg [6614lb]

Swivel foot assembly load rating = 210kg [463lb]

# FATH® T-Slotted Rail Accessories







## Bases - Continued

40 Series Bases - Continued															
		Fits 													
Part Number	Part Image	Price	Diameter	Description	Fits	Load Rating kg [lb]	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link				
							Core Hole Attachment <b>1</b>	*T-Slot Attachment <b>2</b>							
<a href="#">151069</a>		\$6.00	3.11 in [79.0 mm]	Swivel Base With Anti-Slip Plate	Any 15mm ball Threaded Rod	900 [1984]	n/a	n/a	1	Nylon	<a href="#">PDF</a>				
<a href="#">151070</a>		\$6.00				<a href="#">PDF</a>									
<a href="#">151255</a>		\$10.00	3.90 in [99.0 mm]			900 [1984]					<a href="#">PDF</a>				
<a href="#">151256</a>		\$10.00				<a href="#">PDF</a>									
<a href="#">151257</a>		\$24.00				3500 [7716]				Die-cast zinc	<a href="#">PDF</a>				
<a href="#">151258</a>		\$24.00									<a href="#">PDF</a>				
<a href="#">162933</a>		\$12.50	See 2D drawing	Extended Swivel Base	Any 15mm ball Threaded Rod	1000 [2204]	n/a	n/a	1	Nylon	<a href="#">PDF</a>				
<a href="#">162934</a>		\$27.00				3000 [6613]				Die-cast zinc	<a href="#">PDF</a>				
<p>*T-Slot Nut also required.</p> <p>Load rating of a swivel foot assembly is based on the part with the lowest load rating, typically the threaded rod.</p> <p>Example:</p> <p>Threaded rod load rating = 210kg [463lb]</p> <p>Swivel base load rating = 3000kg [6614lb]</p> <p>Swivel foot assembly load rating = 210kg [463lb]</p>															

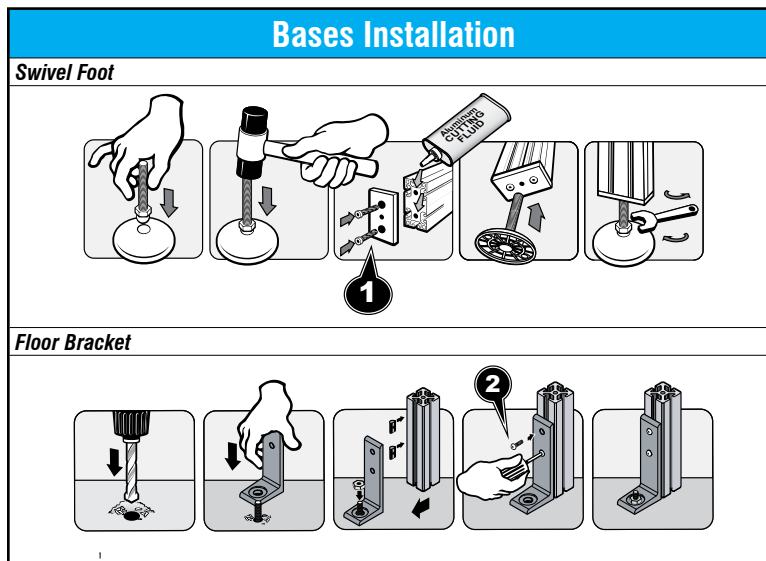
# FATH® T-Slotted Rail Accessories

## Bases - Continued

### 40 Series Bases - Continued

Part Number	Part Image	Price	Diameter	Description	Fits	Load Rating kg [lb]	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
							Core Hole Attachment <b>1</b>	*T-Slot Attachment <b>2</b>			
<a href="#">162889</a>		\$24.50	n/a	Foot Console	40 x 40mm, 40 x 80mm	n/a	n/a	<a href="#">161068</a>	1	Die-cast aluminum	<a href="#">PDF</a>
<a href="#">166391</a>		\$33.00									<a href="#">PDF</a>
<a href="#">162890</a>		\$25.50									<a href="#">PDF</a>
<a href="#">166392</a>		\$35.00									<a href="#">PDF</a>
<a href="#">162960</a>		\$47.00		Support Bracket	40 x 80mm, 80 x 80mm			M8-1.25 x 30mm (not sold by ADC)			<a href="#">PDF</a>
<a href="#">162958</a>		\$11.50		Floor Bracket	All 40 Series			<a href="#">161068</a>		Anodized aluminum	<a href="#">PDF</a>











\*T-Slot Nut also required.



# FATH® T-Slotted Rail Accessories

## Casters

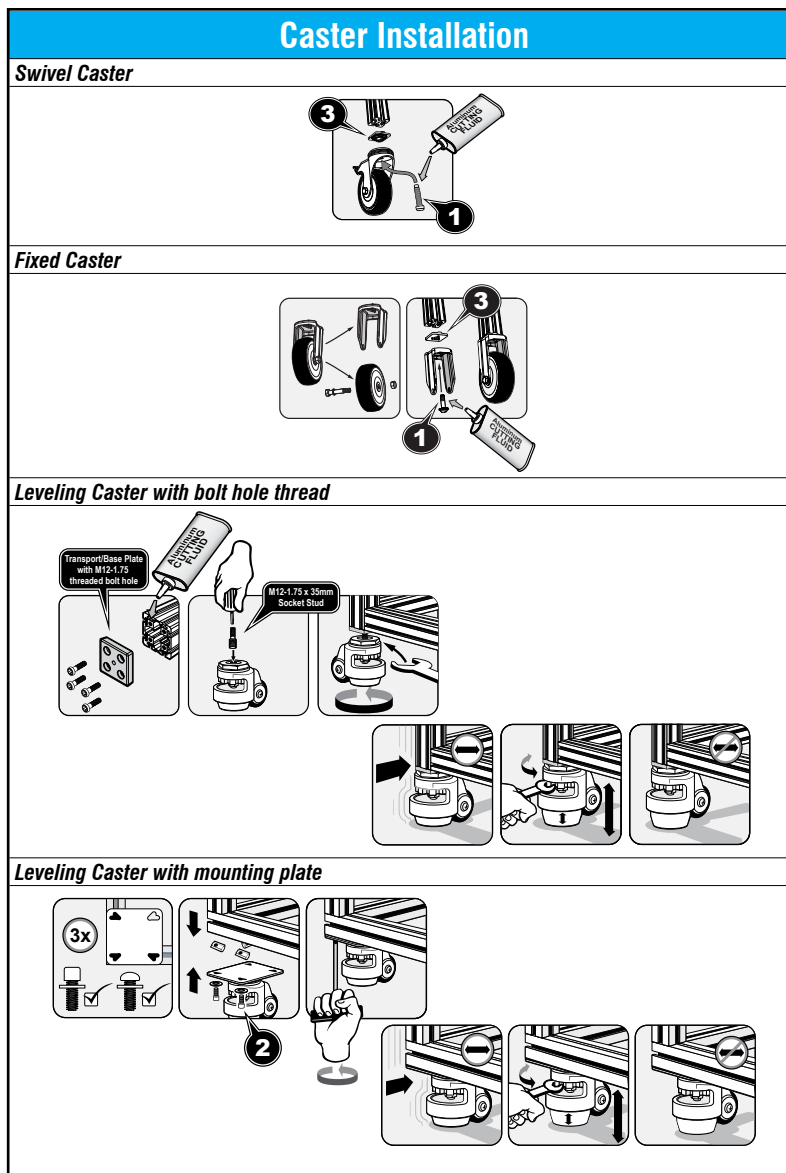
- Recommended ADC Fastener based on part feature and core hole
- Material: varies by part

40 Series Casters										
		Slot Size 8		<div>40 Series (mm)</div> <div>40x40   40x80   80x80</div>						
Part Number	Part Image	Price	Description	Requires	Load Rating kg [lb]	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
						Core Hole Attachment 1	*T-Slot Attachment 2			
<a href="#">151134</a>		\$47.00	Swivel Caster (requires Swivel Caster Adapter Plate <a href="#">151136</a> )	n/a	122 [269]	<a href="#">161107</a>	n/a	1	Thermoplastic polyurethane/ nylon/steel	<a href="#">PDF</a>
<a href="#">151135</a>		\$40.50	Fixed Caster (requires Fixed Fixed Caster Adapter Plate <a href="#">161040</a> )			<a href="#">161106</a>				<a href="#">PDF</a>
<a href="#">151136</a>		\$4.50	3 Swivel Caster Adapter Plate	Requires Swivel Caster <a href="#">151134</a> )	n/a	n/a			Steel	<a href="#">PDF</a>
<a href="#">161040</a>		\$3.50	3 Fixed Fixed Caster Adapter Plate	Requires Fixed Caster <a href="#">151135</a>			Die-cast zinc		<a href="#">PDF</a>	
<a href="#">151137</a>		\$62.00	Swivel Caster	n/a	122 [269]	n/a	<a href="#">161053</a>		Thermoplastic polyurethane/ nylon/steel	<a href="#">PDF</a>
<a href="#">151138</a>		\$49.00	Fixed Caster							<a href="#">PDF</a>
<a href="#">163010</a>		\$40.00	Leveling Caster	Transport / Base Plate with M12-1.75 threaded hole	250 [551]		n/a	Die-cast aluminum/ steel/nylon/ rubber	<a href="#">PDF</a>	
<a href="#">163011</a>		\$52.00			500 [1102]				<a href="#">PDF</a>	
<a href="#">163012</a>		\$41.00		n/a	250 [551]		<a href="#">161060</a>		<a href="#">PDF</a>	
<a href="#">163013</a>		\$56.00			500 [1102]				<a href="#">PDF</a>	
*T-Slot Nut also required										

\*T-Slot Nut also required

# FATH® T-Slotted Rail Accessories

## Casters - Continued





# FATH® T-Slotted Rail Accessories

## Hinges

- Recommended ADC Fastener based on part feature and slot depth
- Material: varies by part



40 Series Hinges

Fits

Slot Size








8

40 Series (mm)

40x40

40x80

80x80

Part Number	Part Image	Price	Description	Recommended Screw Fastener *T-Slot Attachment (ADC Part Number)	Pack Quantity	Material	Drawing Link
<a href="#">151139</a>		\$7.25	Left-Hand Detachable Combination Hinge	<a href="#">161080</a>	1	Fiberglass reinforced plastic	<a href="#">PDF</a>
<a href="#">151140</a>		\$7.25	Right-Hand Detachable Combination Hinge				<a href="#">PDF</a>
<a href="#">151141</a>		\$7.25	Non-Detachable Combination Hinge				<a href="#">PDF</a>
<a href="#">151142</a>		\$12.50	Non-Detachable Combination Hinge With Locking Lever				<a href="#">PDF</a>
<a href="#">151143</a>		\$18.00	Left-Hand Detachable Combination Hinge			Die-cast aluminum	<a href="#">PDF</a>
<a href="#">151144</a>		\$18.00	Right-Hand Detachable Combination Hinge				<a href="#">PDF</a>
<a href="#">151145</a>		\$18.00	Non-Detachable Combination Hinge				<a href="#">PDF</a>

\*T-Slot Nut also required

# FATH® T-Slotted Rail Accessories

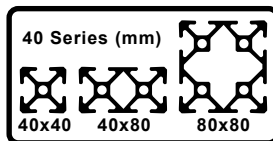
## Panel and Door Elements













- Recommended ADC Fastener based on part feature and slot depth
- Material: varies by part



### 40 Series Panel and Door Elements

Fits  Slot Size 8



Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
				Core Hole Attachment 1	*T-Slot Attachment 2			
<a href="#">151146</a>		\$6.00	Bridge Handle	n/a	<a href="#">161063</a>	1	Fiberglass reinforced plastic	<a href="#">PDF</a>
<a href="#">151147</a>		\$6.00			<a href="#">161067</a>			<a href="#">PDF</a>
<a href="#">151148</a>		\$6.25	Cover Cap 3		n/a			<a href="#">PDF</a>
<a href="#">151149</a>		\$6.50	Comfort Handle		<a href="#">161068</a>			<a href="#">PDF</a>
<a href="#">151150</a>		\$2.25	Cover Cap 3		n/a			<a href="#">PDF</a>
<a href="#">151151</a>		\$12.50	Comfort Handle		<a href="#">161054</a>			<a href="#">PDF</a>
<a href="#">151152</a>		\$3.00	Cover Cap 3		n/a			<a href="#">PDF</a>
<a href="#">151153</a>		\$33.50	Machine Handle		<a href="#">161099</a>			<a href="#">PDF</a>
<a href="#">151154</a>		\$47.00	Compact Slam Latch		<a href="#">161061</a>	1	Die-cast aluminum	<a href="#">PDF</a>
<a href="#">151155</a>		\$58.00	Compact Sliding Door Latch					<a href="#">PDF</a>
<a href="#">162971</a>		\$33.00	Sliding Door Guide	Fasteners included	n/a		Die-cast aluminum/nylon	<a href="#">PDF</a>
<a href="#">151156</a>		\$37.00	Emergency Opener	n/a	<a href="#">161060</a>		Fiberglass reinforced plastic	<a href="#">PDF</a>

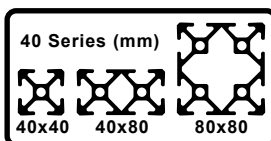
\*T-Slot Nut also required

# FATH® T-Slotted Rail Accessories

## Panel and Door Elements - Continued

### 40 Series Panel and Door Elements - Continued

Fits




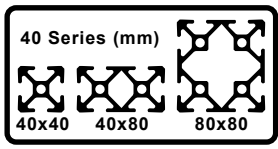




Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
				Core Hole Attachment 1	*T-Slot Attachment 2			
<a href="#">151157</a>		\$7.25	Ball Catch	n/a	<a href="#">161063</a>	1	Fiberglass reinforced plastic	<a href="#">PDF</a>
<a href="#">151158</a>		\$14.50	Double Ball Catch		<a href="#">161076</a>		Brass	<a href="#">PDF</a>
<a href="#">151159</a>		\$23.00	Door Latch		<a href="#">161061</a>		Die-cast zinc	<a href="#">PDF</a>
<a href="#">162963</a>		\$8.50	Magnetic Catch		<a href="#">161063</a>		Nylon/steel	<a href="#">PDF</a>
<a href="#">162913</a>		\$5.00	Panel Holder		<a href="#">161068</a>		Anodized aluminum	<a href="#">PDF</a>
<a href="#">162918</a>		\$6.00						<a href="#">PDF</a>
<a href="#">162924</a>		\$5.75	Panel Mount Block		Fasteners included	1	Lacquered aluminum	<a href="#">PDF</a>
<a href="#">162925</a>		\$5.75					Powder-coated aluminum	<a href="#">PDF</a>
<a href="#">162928</a>		\$525.00	Sealing Profile		n/a		Nitrile rubber	<a href="#">PDF</a>
<a href="#">162977</a>		\$8.50	Hanger		<a href="#">161059</a>	1	Die-cast zinc	<a href="#">PDF</a>
<a href="#">162978</a>		\$3.00	Panel Uni-Block		n/a	10	Nylon	<a href="#">PDF</a>
<a href="#">162979</a>		\$3.00						<a href="#">PDF</a>

\*T-Slot Nut also required

\*T-Slot Nut also required

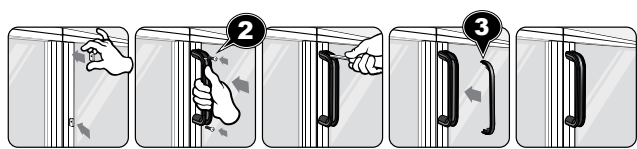
# FATH® T-Slotted Rail Accessories

## Panel and Door Elements - Continued

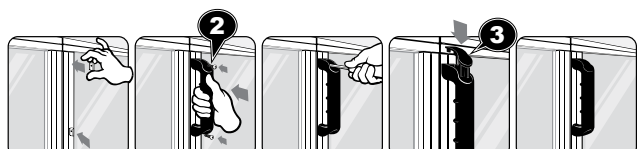
40 Series Panel and Door Elements - Continued								
		Fits  Slot Size 8						
Part Number	Part Image	Price	Description	Recommended Screw Fastener (ADC Part Number)		Pack Quantity	Material	Drawing Link
				Core Hole Attachment <b>1</b>	*T-Slot Attachment <b>2</b>			
<a href="#">151160</a>		\$58.00	Sealing Strip		n/a	2	PVC/TPE	<a href="#">PDF</a>
<a href="#">151163</a>		\$25.00	Cover Profile			1	Nitrile rubber	<a href="#">PDF</a>
<a href="#">151165</a>		\$91.00				25	Polypropylene	<a href="#">PDF</a>
<a href="#">151164</a>		\$115.00	Cover And Reduction Profile			<a href="#">PDF</a>		
*T-Slot Nut also required								

### Panel and Door Elements Installation

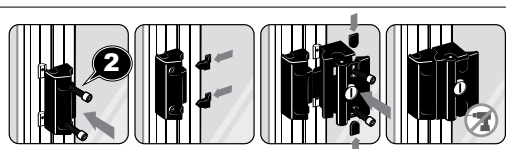
#### Bridge Handle and Cover Cap



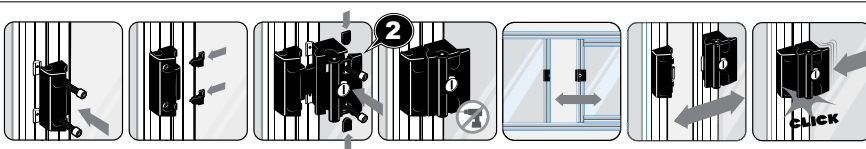
#### Comfort Handle and Cover Cap



#### Slam Latch



#### Sliding Door Latch

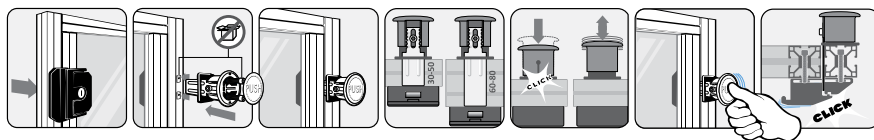


# FATH® T-Slotted Rail Accessories

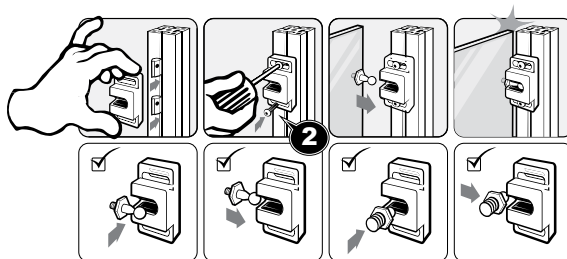
## Panel and Door Elements - Continued

### Panel and Door Elements Installation - Continued

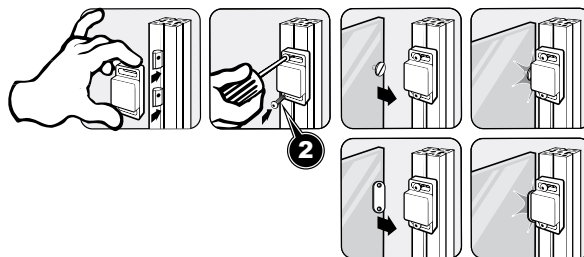
#### Emergency Opener



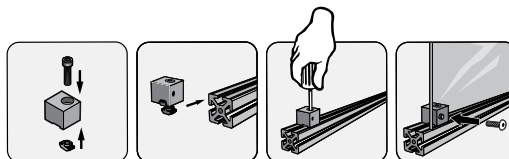
#### Ball Catch



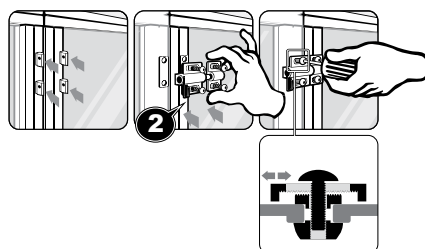
#### Magnetic Catch



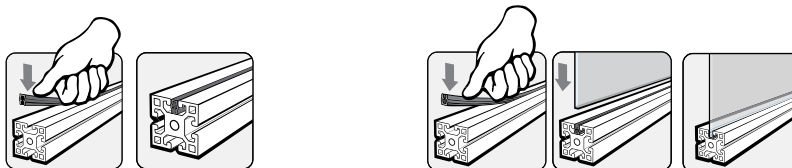
#### Panel Mount Block



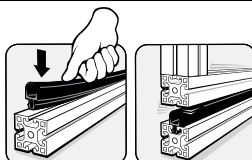
#### Door Latch



#### Cover and Reduction Profile

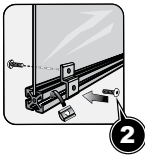
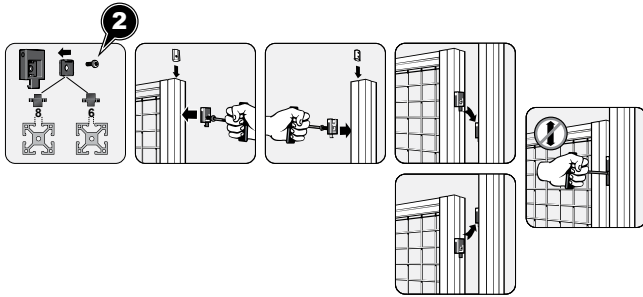
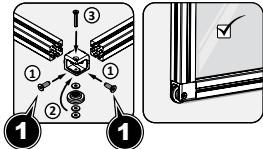


#### Sealing Profile



# FATH® T-Slotted Rail Accessories

## Panel and Door Elements - Continued

Panel and Door Elements Installation - Continued	
<b>Panel Holder</b>	
<b>Hanger</b>	
<b>Sliding Door Guide</b>	

# FATH® T-Slotted Rail Accessories

## Slides and Rollers

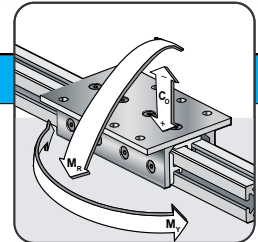
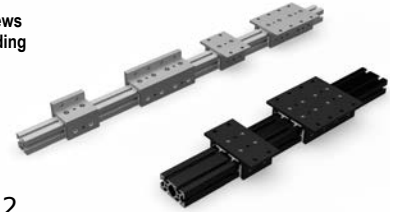
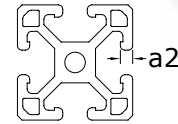
### Linear Bearings

- No Shimming required!
- Verified fit with SureFrame 15 & 40 Series
- Static Load rating (Co) up to 4,000 N (900 lbf)
- Single and Double Flange Styles
- Available in Black or Silver
- Optional Brake Assemblies

**Note:** Not all Slot size 8 profiles are made the same, so it is important to confirm that the "a2" dimension of the profile is 3.0-4.5mm for adequate engagement and ultimate slide performance.



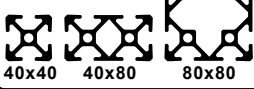
Adjust side screws  
for optimum sliding  
performance















## 40 Series Slides and Rollers

Fits Slot Size 8

40 Series (mm)



Part Number	Part Image	Price	Description	Fits	Pack Quantity	Load Ratings				Material	Drawing Link
						Static (Co) N[lbf]	Reverse Static (-Co) N[lbf]	Roll Moment (Mr) N-m[lbf-ft]	Yaw Moment (My) N-m[lbf-ft]		
<a href="#">166393</a>		\$63.00	3-slot, double flange, short linear bearing	40 x 40mm, 40 x 80mm	1	1000 [225]	500 [112]	40 [29]	150 [111]	Aluminum/ die-cast zinc/ polyoxymethylene (POM)	<a href="#">PDF</a>
<a href="#">166394</a>		\$63.00									<a href="#">PDF</a>
<a href="#">166395</a>		\$126.00				3-slot, double flange, long linear bearing	80 [59]	200 [147]	<a href="#">PDF</a>		
<a href="#">166396</a>		\$130.00							<a href="#">PDF</a>		
<a href="#">166397</a>		\$80.00	4-slot, double flange, short linear bearing	50 [37]		150 [111]	<a href="#">PDF</a>				
<a href="#">166398</a>		\$84.00					<a href="#">PDF</a>				
<a href="#">166399</a>		\$157.00	4-slot, double flange, long linear bearing	100 [74]		200 [147]	<a href="#">PDF</a>				
<a href="#">166400</a>		\$168.00					<a href="#">PDF</a>				
<a href="#">166401</a>		\$60.00	3-slot, single flange, short linear bearing	40 [29]		150 [111]	<a href="#">PDF</a>				
<a href="#">166402</a>		\$63.00					<a href="#">PDF</a>				
<a href="#">166403</a>		\$120.00	3-slot, single flange, long linear bearing	80 [59]		200 [147]	<a href="#">PDF</a>				
<a href="#">166404</a>		\$126.00					<a href="#">PDF</a>				



# FATH® T-Slotted Rail Accessories

## Slides and Rollers - Continued



### 40 Series Slides and Rollers - Cont'd

Fits



40 Series (mm)



40x40

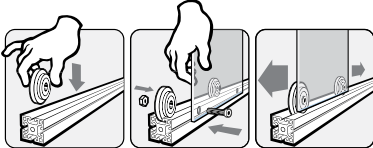
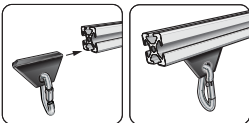
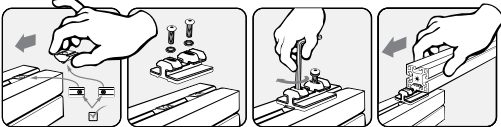
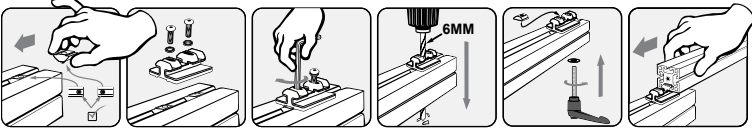
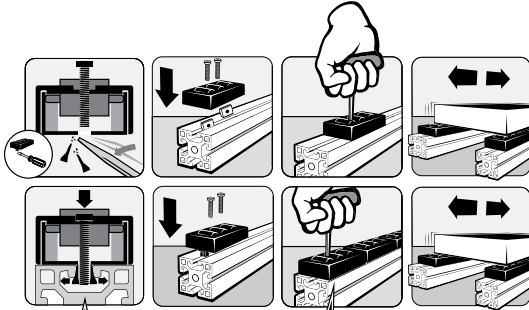
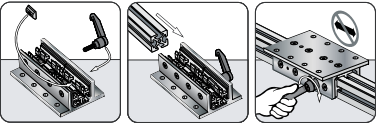
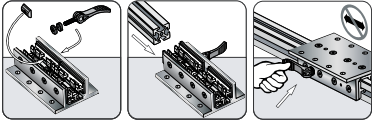
40x80

80x80

Part Number	Part Image	Price	Description	Fits	Pack Quantity	Recommended Screw Fastener T-Slot Attachment	Material	Drawing Link
<a href="#">166349</a>		\$45.00	Cam Lever Brake	All 40 Series Linear Bearings	1	n/a	Plastic/steel	<a href="#">PDF</a>
<a href="#">166350</a>		\$28.00	L-Handle Brake					<a href="#">PDF</a>
<a href="#">151168</a>		\$18.00	Slider	n/a		Fasteners included	Rubber/plastic/steel	<a href="#">PDF</a>
<a href="#">151169</a>		\$36.00	Slider With Clamp Lever					<a href="#">PDF</a>
<a href="#">148974</a>		\$9.50	Roller					Slider <a href="#">151166</a>
<a href="#">151166</a>		\$4.50	Slider	Glass-filled nylon		<a href="#">PDF</a>		
<a href="#">151089</a>		\$4.50	Snap Hook	Zinc plated steel		<a href="#">PDF</a>		
<a href="#">163020</a>		\$14.50	Roller Element With Guide	All 40 Series		Fasteners included	Thermoplastic polyurethane/nylon/steel	<a href="#">PDF</a>
<a href="#">163021</a>		\$14.50	Roller Element Without Guide					<a href="#">PDF</a>

# FATH® T-Slotted Rail Accessories



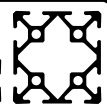








## Slides and Rollers - Continued

Slides and Rollers Installation	
<b>Roller</b>	 <p>Bolt and nut not included and not available from AutomationDirect</p>
<b>Slider and Snap Hook</b>	
<b>Slider</b>	
<b>Slider with Clamp Lever</b>	
<b>Roller Element</b>	 <p>This mount is used when several are used end-to-end.</p> <p>The end units are mounted with T-nuts to keep all secured.</p>
<b>L-Handle Brake</b>	
<b>Cam Lever Brake</b>	

# FATH® T-Slotted Rail Accessories

## Monitor Mounts

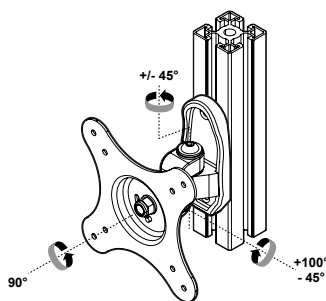


40 Series Monitor Mounts							
<ul style="list-style-type: none"><li>• Fits monitors with VESA mounting standard</li><li>• Durable steel construction</li><li>• Mounting hardware included for several mounting locations</li></ul>		<div>Fits</div> <div><div>Slot Size</div><div>8</div></div>	<div>40 Series (mm)</div> <div><div></div><div></div><div></div></div> <div><div>40x40</div><div>40x80</div><div>80x80</div></div>	<div><div><div>•</div><div>•</div><div>•</div><div>•</div></div><div>VESA Mounting Standard</div><div>• 100 X 100mm</div><div>• 75 X 75mm</div><div>• 4x M4-0.7 Threaded Holes</div></div>			
Part Number	Part Image	Price	Description	Load Rating kg [lb]	Pack Quantity	Installation Instructions Link	Drawing Link
<a href="#">162893</a>		\$42.00	Swivel Monitor Mount	15 [33.1]	1	<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">162894</a>		\$50.00				<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">162895</a>		\$58.00				<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">162896</a>		\$92.00	Monitor Mounting Joint			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">162897</a>		\$92.00	Monitor Holder			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">162899</a>		\$325.00	4-Axis Mounting Support	10 [22.0]		<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">162900</a>		\$394.00	5-Axis Mounting Support			<a href="#">PDF</a>	<a href="#">PDF</a>
<a href="#">162901</a>		\$630.00	4-Axis Workstation	8 [17.6]		<a href="#">PDF</a>	<a href="#">PDF</a>

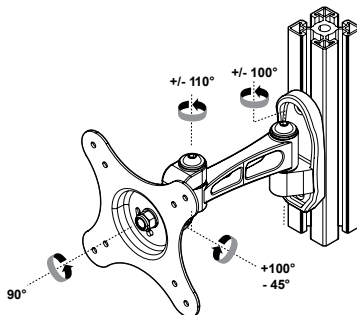
# FATH® T-Slotted Rail Accessories

## Monitor Mounts - Continued

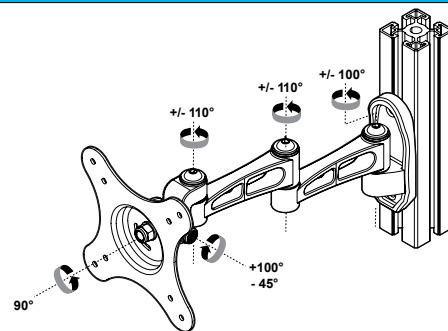
### Monitor Mounts Adjustments



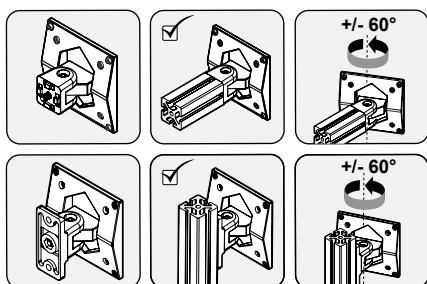
162893



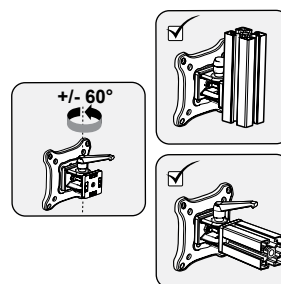
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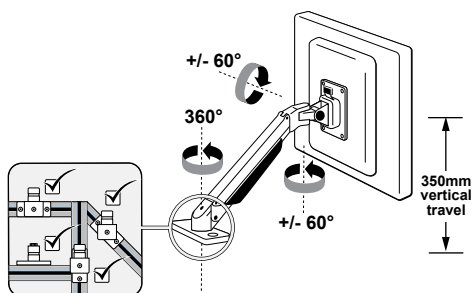
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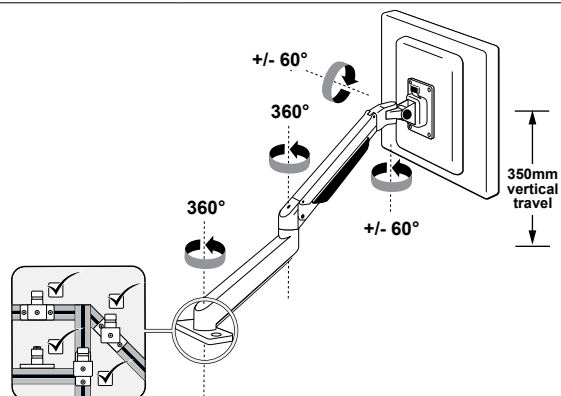
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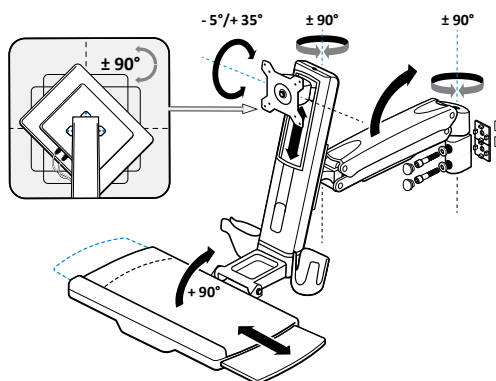
162897



162899



162900



162901

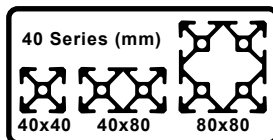
# FATH® T-Slotted Rail Accessories






## Workstation Components



### 40 Series Workstation Components

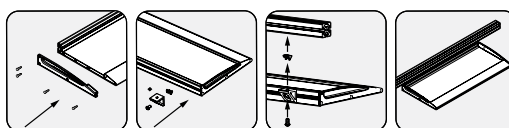
Fits  Slot Size



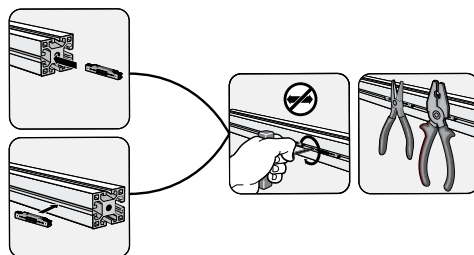
Part Number	Part Image	Price	Description	Load Rating kg [lb]	Pack Quantity	Material	Drawing Link
<a href="#"><u>162902</u></a>		\$185.00	Keyboard Holder (requires mounting solution, designer's choice)	n/a	1	Aluminum/nylon	<a href="#"><u>PDF</u></a>
<a href="#"><u>162906</u></a>		\$8.00	Magnetic Holder			Nylon/steel	<a href="#"><u>PDF</u></a>
<a href="#"><u>162909</u></a>		\$5.50	Top Angle Clamp			Nylon/steel	<a href="#"><u>PDF</u></a>
<a href="#"><u>162964</u></a>		\$9.00	Grab Tray			Nylon	<a href="#"><u>PDF</u></a>
<a href="#"><u>162965</u></a>		\$2.00	Label Clip			PVC	<a href="#"><u>PDF</u></a>

### Workstation Components Installation

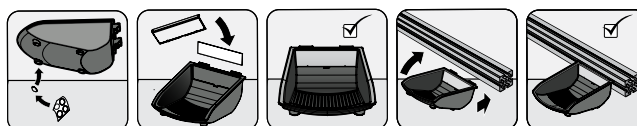
#### Keyboard Holder (mounting example)



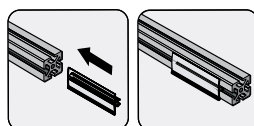
#### Magnetic Holder



#### Grab Tray








#### Label Clip



# FATH® T-Slotted Rail Accessories

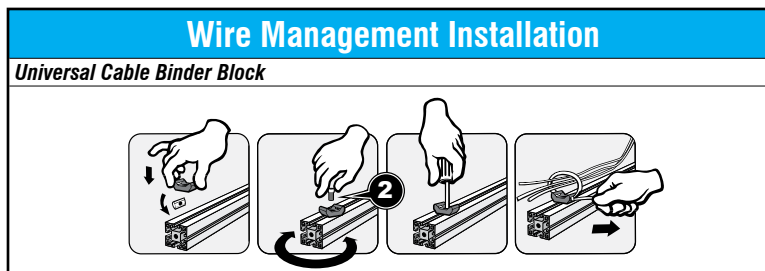
## Wire Management



40 Series Wire Management							
Fits		Slot Size 8	<div>40 Series (mm)</div> <div>40x40   40x80   80x80</div>				
Part Number	Part Image	Price	Description	Pack Quantity	Recommended Screw Fastener *T-Slot Attachment <b>2</b> (ADC Part Number)	Material	Drawing Link
<a href="#">151162</a>		\$93.00	Conduit Cover 2000mm long	2	n/a	Polypropylene	<a href="#">PDF</a>
<a href="#">151174</a>		\$15.50	Cross Cable Binding Block	10		Nylon	<a href="#">PDF</a>
<a href="#">151175</a>		\$64.00	Hook And Loop			Glass-filled nylon/ polypropylene	<a href="#">PDF</a>
<a href="#">151176</a>		\$38.50	Clip Cable Binder With Hammer			Nylon/rubber	<a href="#">PDF</a>
<a href="#">151177</a>		\$28.50	Ground Connector	1	Fasteners included	Glass-filled nylon/ copper/steel	<a href="#">PDF</a>
<a href="#">151178</a>		\$4.00	Grounding Terminal			Steel/brass	<a href="#">PDF</a>
<a href="#">162982</a>		\$7.50	Universal Cable Binder Block	10	<a href="#">161058</a>	Nylon	<a href="#">PDF</a>

\*T-Slot Nut also required

\*T-Slot Nut also required



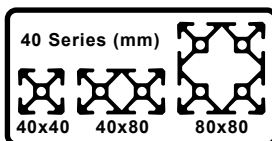
# FATH® T-Slotted Rail Accessories











## Miscellaneous Accessories



### 40 Series Miscellaneous Accessories

Fits Slot Size 8

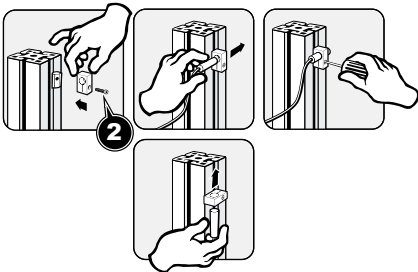
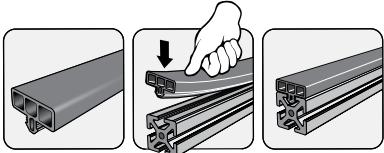
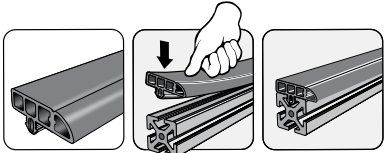
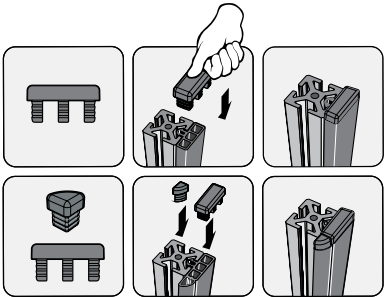


Part Number	Part Image	Price	Description	Requires	Fits Profile	Recommended Screw Fastener *T-Slot Attachment <b>2</b> (ADC Part Number)	Pack Quantity	Material	Drawing Link		
<a href="#">151234</a>		\$16.50	End Cap	n/a	40 x 40mm	n/a	10	Glass-filled nylon	<a href="#">PDF</a>		
<a href="#">151235</a>		\$20.50			40 x 80mm				<a href="#">PDF</a>		
<a href="#">151236</a>		\$32.00			80 x 80mm				<a href="#">PDF</a>		
<a href="#">151091</a>		\$6.00	Stop Bumper		All 40 Series			Rubber/zinc-plated steel	<a href="#">PDF</a>		
<a href="#">151170</a>		\$9.00							<a href="#">PDF</a>		
<a href="#">162973</a>		\$3.25	Sensor Mounting Block for 8mm proximity sensor		All 40 Series	BHCS M4-0.7 x 25mm (not sold by ADC)	1	Nylon	<a href="#">PDF</a>		
<a href="#">162974</a>		\$3.25	Sensor Mounting Block for 12mm proximity sensor						<a href="#">PDF</a>		
<a href="#">162929</a>		\$252.00	Side Protection Profile			n/a		5	Thermoplastic rubber	<a href="#">PDF</a>	
<a href="#">162930</a>		\$284.00	Corner Protection Profile							<a href="#">PDF</a>	
<a href="#">162931</a>		\$28.00	Cover Cap for Side	<a href="#">162929</a> or <a href="#">162930</a>						10	<a href="#">PDF</a>
<a href="#">162932</a>		\$21.00	Cover Cap for Corner	<a href="#">162930</a>							<a href="#">PDF</a>

\*T-Slot Nut also required

# FATH<sup>®</sup> T-Slotted Rail Accessories

## Miscellaneous Accessories - Continued

Workstation Components Installation		
<b>Sensor Mounting Block</b>		
		
<b>Side Protection Profile</b>		
		
<b>Corner Protection Profile</b>		
		
<b>Cover Cap for Side</b>		
		
<b>Cover Cap for Corner</b>		
