

FATH® T-Slotted Rail Accessories

Slides and Rollers



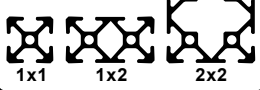
10 Series Slides and Rollers

Fits

Slot Size



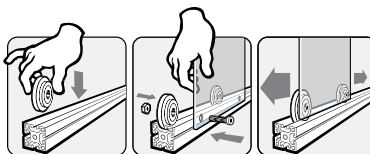
10 Series (inch)



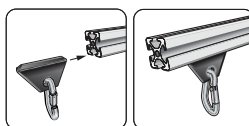
Part Number	Part Image	Price	Description	Fits	Pack Quantity	Material	Drawing Link
<u>151090</u>		\$7.25	Roller	All 10 Series	1	Glass-filled nylon	<u>PDF</u>
<u>151088</u>		\$4.50	Slider			Glass-filled nylon	<u>PDF</u>
<u>151089</u>		\$4.50	Snap Hook	Slider <u>151088</u>		Zinc plated steel	<u>PDF</u>

Slides and Rollers Installation

Roller



Slider and Snap Hook



FATH® T-Slotted Rail Accessories

Slides and Rollers

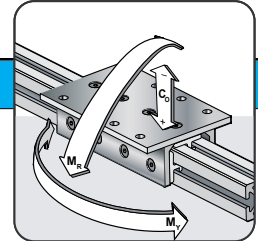
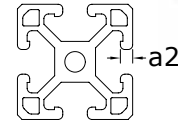
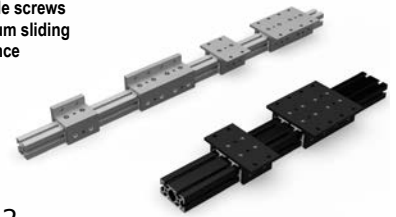
Linear Bearings

- 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.

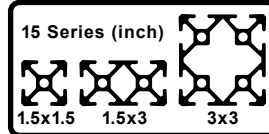


Adjust side screws
for optimum sliding
performance



15 Series Slides and Rollers

Fits
Slot Size
8



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]						
166337		\$60.00	3-slot, double flange, short linear bearing	1.5 x 1.5 in, 1.5 x 3in,	1	1000 [225]	500 [112]	40 [29]	150 [111]	Aluminum/ die-cast zinc/ polyoxymethylene (POM)	PDF				
166338		\$60.00									PDF				
166339		\$120.00				3-slot, double flange, long linear bearing	80 [59]	200 [147]	PDF						
166340		\$130.00							PDF						
166341		\$80.00	4-slot, double flange, short linear bearing	1.5 x 3in, 3 x 3in		2000 [450]	1000 [225]	50 [37]	150 [111]		PDF				
166342		\$80.00									PDF				
166343		\$150.00	4-slot, double flange, long linear bearing			4000 [889]	2000 [450]	100 [74]	200 [147]		PDF				
166344		\$160.00									PDF				
166345		\$60.00	3-slot, single flange, short linear bearing	1.5 x 1.5 in, 1.5 x 3in,		1000 [225]	500 [112]	40 [29]	150 [111]		PDF				
166346		\$60.00									PDF				
166347		\$120.00	3-slot, single flange, long linear bearing								2000 [450]	1000 [225]	80 [59]	200 [147]	PDF
166348		\$120.00													PDF

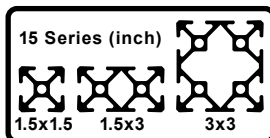
FATH® T-Slotted Rail Accessories

Slides and Rollers - Continued



15 Series Slides and Rollers - Cont'd

Fits

Slot Size
8

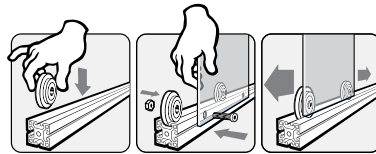
Part Number	Part Image	Price	Description	Fits	Pack Quantity	Recommended Screw Fastener T-Slot Attachment 2	Material	Drawing Link		
166349		\$45.00	Cam Lever Brake	All 15 Series Linear Bearings	1	n/a	Plastic/steel	PDF		
166350		\$28.00	L-Handle Brake					PDF		
151168		\$18.00	Slider	n/a		Fasteners included	Rubber/plastic/steel	PDF		
151169		\$36.00	Slider With Clamp Lever					PDF		
148974		\$9.50	Roller					n/a	Nylon	PDF
151166		\$4.50	Slider							Glass-filled nylon
151089		\$4.50	Snap Hook	Slider 151166			Zinc plated steel	PDF		
163020		\$13.75	Roller Element With Guide	All 15 Series		Fasteners included	Thermoplastic polyurethane/nylon/steel	PDF		
163021		\$14.50	Roller Element Without Guide					PDF		

FATH® T-Slotted Rail Accessories

Slides and Rollers - Continued

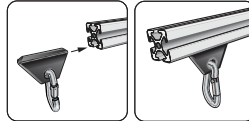
Slides and Rollers Installation

Roller

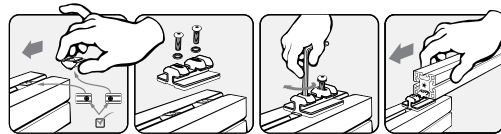


Bolt and nut not included
and not available from
AutomationDirect

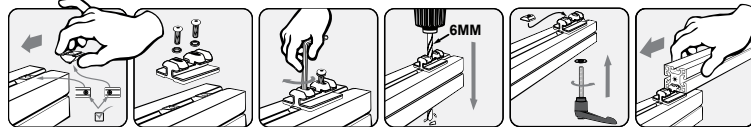
Slider and Snap Hook



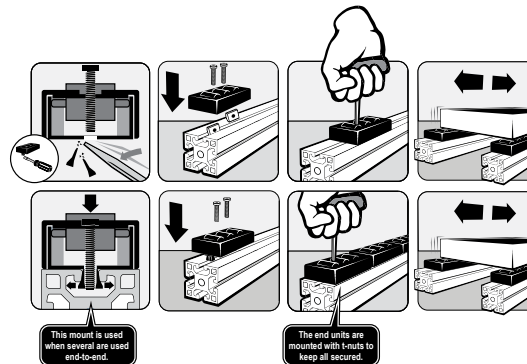
Slider



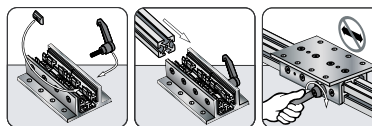
Slider with Clamp Lever



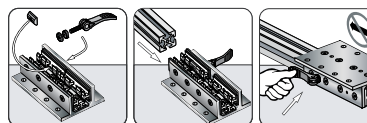
Roller Element



L-Handle Brake



Cam Lever Brake



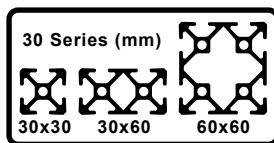
FATH® T-Slotted Rail Accessories

Slides and Rollers



30 Series Slides and Rollers

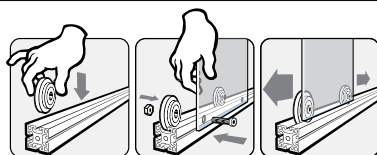
Fits Slot Size 8



Part Number	Part Image	Price	Description	Fits	Pack Quantity	Material	Drawing Link
<u>148974</u>		\$9.50	Roller	All 30 Series	1	Nylon	<u>PDF</u>
<u>151211</u>		\$4.50	Slider			Glass-filled nylon	<u>PDF</u>
<u>151089</u>		\$4.50	Snap Hook	Slider <u>151211</u>		Zinc plated steel	<u>PDF</u>
<u>162968</u>		\$7.50	Profile Slider Center Slot	All 30 Series		Polyoxymethylene (POM)	<u>PDF</u>

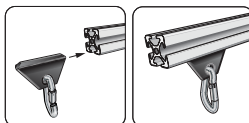
Slides and Rollers Installation

Roller

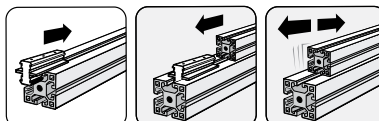


Bolt and nut not included
and not available from
AutomationDirect

Slider and Snap Hook



Profile Slider



FATH® T-Slotted Rail Accessories

Slides and Rollers

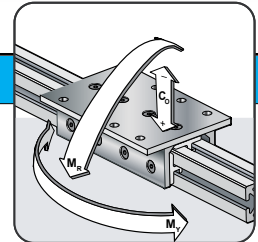
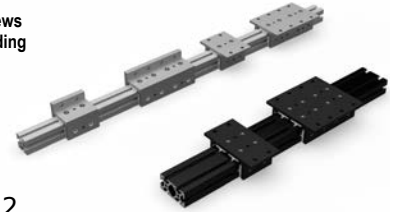
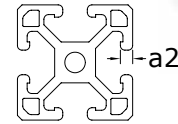
Linear Bearings

- 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.



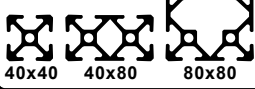
Adjust side screws
for optimum sliding
performance



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]								
166393		\$60.00	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)	PDF						
166394		\$60.00									PDF						
166395		\$120.00	3-slot, double flange, long linear bearing								80 [59]	200 [147]		PDF			
166396		\$130.00												PDF			
166397		\$80.00	4-slot, double flange, short linear bearing	40 x 80mm, 80 x 80mm		2000 [450]	1000 [225]	50 [37]	150 [111]		PDF						
166398		\$80.00									PDF						
166399		\$150.00	4-slot, double flange, long linear bearing					100 [74]	200 [147]		PDF						
166400		\$160.00									PDF						
166401		\$60.00	3-slot, single flange, short linear bearing	40 x 40mm, 80 x 80mm		1000 [225]	500 [112]	40 [29]	150 [111]		PDF						
166402		\$60.00									PDF						
166403		\$120.00	3-slot, single flange, long linear bearing									80 [59]	200 [147]		PDF		
166404		\$120.00													PDF		

FATH® T-Slotted Rail Accessories

Slides and Rollers - Continued



40 Series Slides and Rollers - Cont'd

Fits



40 Series (mm)



40x40

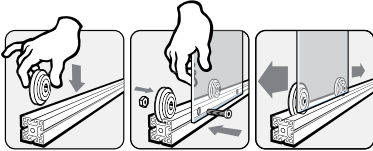
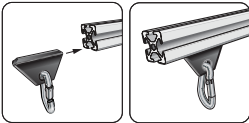
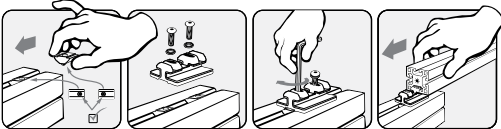
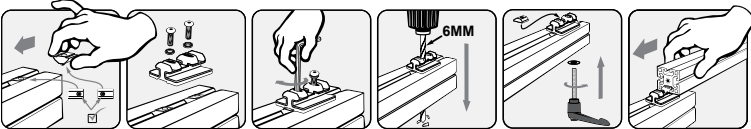
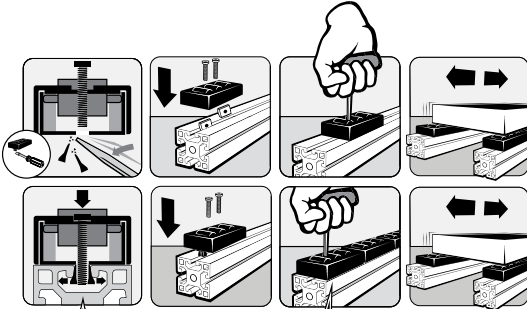
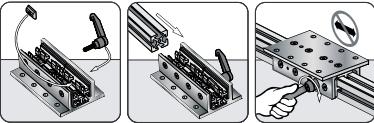
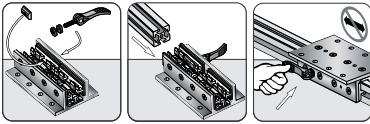
40x80

80x80

Part Number	Part Image	Price	Description	Fits	Pack Quantity	Recommended Screw Fastener T-Slot Attachment	Material	Drawing Link		
166349		\$45.00	Cam Lever Brake	All 40 Series Linear Bearings	1	n/a	Plastic/steel	PDF		
166350		\$28.00	L-Handle Brake					PDF		
151168		\$18.00	Slider	n/a		Fasteners included	Rubber/plastic/steel	PDF		
151169		\$36.00	Slider With Clamp Lever					PDF		
148974		\$9.50	Roller					n/a	Nylon	PDF
151166		\$4.50	Slider							Glass-filled nylon
151089		\$4.50	Snap Hook	Slider 151166		Zinc plated steel	PDF			
163020		\$13.75	Roller Element With Guide	All 40 Series		Fasteners included	Thermoplastic polyurethane/nylon/steel	PDF		
163021		\$14.50	Roller Element Without Guide					PDF		

FATH® T-Slotted Rail Accessories

Slides and Rollers - Continued

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

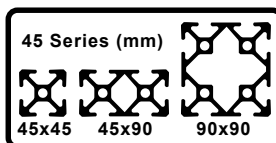
FATH® T-Slotted Rail Accessories

Slides and Rollers



45 Series Slides and Rollers

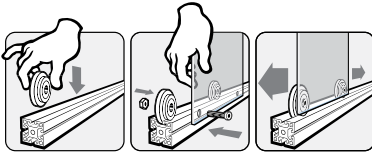
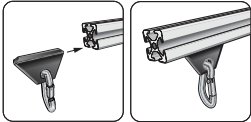
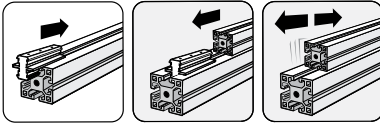
Fits

Slot Size
10

Part Number	Part Image	Price	Description	Fits	Pack Quantity	Recommended Screw Fastener T-Slot Attachment	Material	Drawing Link
151274		\$9.50	Roller	All 45 Series	1	n/a	Glass-filled nylon/ steel	PDF
151273		\$4.50	Slider					PDF
151089		\$4.50	Snap Hook	Slider 151273			Zinc plated steel	PDF
162969		\$7.75	Profile Slider Center Slot	All 45 Series			Polyoxymethylene (POM)	PDF
162970		\$8.00	Profile Slider Center Ridge			PDF		
163022		\$16.00	Roller Element With Guide			Fasteners included	Thermoplastic polyurethane/nylon/ steel	PDF
163023		\$16.50	Roller Element Without Guide	PDF				

FATH® T-Slotted Rail Accessories

Slides and Rollers - Continued

Slides and Rollers Installation	
Roller	
Slider and Snap Hook	
Profile Slider	
Roller Element	