

# FATH® T-Slotted Rail Accessories

## Slides and Rollers



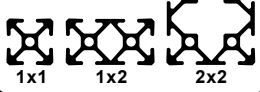
### 10 Series Slides and Rollers

Fits

Slot Size



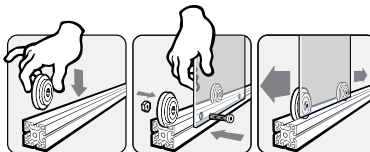
10 Series (inch)



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

### Slides and Rollers Installation

#### Roller



#### Slider and Snap Hook



# FATH® T-Slotted Rail Accessories

## Slides and Rollers

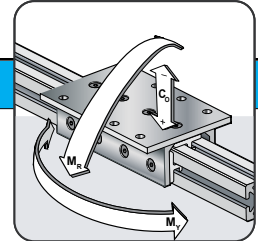
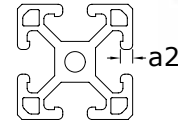
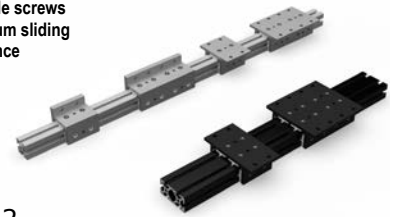
### Linear Bearings

- 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.

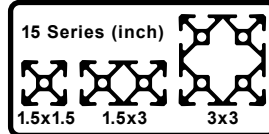














Adjust side screws  
for optimum sliding  
performance



## 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)<br>N[lbf] | Reverse Static<br>(-Co) N[lbf] | Roll Moment<br>(Mr) N-m[lbf-ft] | Yaw Moment<br>(My) N-m[lbf-ft] |   |                     |            |              |                     |              |                     |
| <a href="#">166337</a> |    | \$63.00  | 3-slot, double flange, short linear bearing | 1.5 x 1.5 in,<br>1.5 x 3in, | 1             | 1000<br>[225]         | 500<br>[112]                   | 40<br>[29]                      | 150<br>[111]                   | Aluminum/<br>die-cast zinc/<br>polyoxymethylene (POM) | <a href="#">PDF</a> |            |              |                     |              |                     |
| <a href="#">166338</a> |    | \$63.00  |   |                             |               |                       |                                |                                 |                                |   | <a href="#">PDF</a> |            |              |                     |              |                     |
| <a href="#">166339</a> |   | \$126.00 |   |                             |               |                       |                                |                                 |                                |   | <a href="#">PDF</a> |            |              |                     |              |                     |
| <a href="#">166340</a> |  | \$130.00 |   |                             |               |                       |                                |                                 |                                |   | <a href="#">PDF</a> |            |              |                     |              |                     |
| <a href="#">166341</a> |  | \$80.00  | 4-slot, double flange, short linear bearing | 1.5 x 3in,<br>3 x 3in       |               | 2000<br>[450]         | 1000<br>[225]                  | 80<br>[59]                      | 200<br>[147]                   |   | <a href="#">PDF</a> |            |              |                     |              |                     |
| <a href="#">166342</a> |  | \$84.00  |   |                             |               |                       |                                |                                 |                                |   | <a href="#">PDF</a> |            |              |                     |              |                     |
| <a href="#">166343</a> |  | \$158.00 | 4-slot, double flange, long linear bearing  |                             |               |                       |                                | 1.5 x 3in,<br>3 x 3in           | 2000<br>[450]                  |   | 1000<br>[225]       | 80<br>[59] | 200<br>[147] | <a href="#">PDF</a> |              |                     |
| <a href="#">166344</a> |  | \$168.00 |   |                             |               |                       |                                |                                 |                                |   |                     |            |              | <a href="#">PDF</a> |              |                     |
| <a href="#">166345</a> |  | \$60.00  | 3-slot, single flange, short linear bearing | 1.5 x 1.5 in,<br>1.5 x 3in, |               | 2000<br>[450]         | 1000<br>[225]                  |                                 |                                |   |                     | 80<br>[59] | 200<br>[147] | <a href="#">PDF</a> |              |                     |
| <a href="#">166346</a> |  | \$63.00  |   |                             |               |                       |                                |                                 |                                |   |                     |            |              | <a href="#">PDF</a> |              |                     |
| <a href="#">166347</a> |  | \$120.00 | 3-slot, single flange, long linear bearing  |                             |               |                       |                                | 1.5 x 1.5 in,<br>1.5 x 3in,     | 2000<br>[450]                  |   | 1000<br>[225]       |            |              | 80<br>[59]          | 200<br>[147] | <a href="#">PDF</a> |
| <a href="#">166348</a> |  | \$126.00 |   |                             |               |                       |                                |                                 |                                |   |                     |            |              |                     |              | <a href="#">PDF</a> |

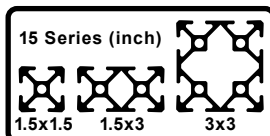
# FATH® T-Slotted Rail Accessories







## Slides and Rollers - Continued



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

Fits

Slot Size  
8

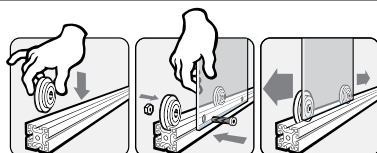
| Part Number            | Part Image  | Price   | Description                  | Fits                                | Pack Quantity | Recommended Screw Fastener<br>T-Slot Attachment <b>2</b> | Material                                      | Drawing Link        |                    |                     |
|------------------------|---|---------|------------------------------|-------------------------------------|---------------|--|---|---------------------|--------------------|---------------------|
| <a href="#">166349</a> |    | \$45.00 | Cam Lever Brake              | All 15 Series<br>Linear<br>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/<br>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                       |                                     |               |  |   | n/a                 | Nylon              | <a href="#">PDF</a> |
| <a href="#">151166</a> |  | \$4.50  | Slider                       |                                     |               |  |   |                     | Glass-filled nylon | <a href="#">PDF</a> |
| <a href="#">151089</a> |  | \$4.50  | Snap Hook                    | Slider <a href="#">151166</a>       |               |  | Zinc plated steel                             | <a href="#">PDF</a> |                    |                     |
| <a href="#">163020</a> |  | \$14.50 | Roller Element With Guide    | All 15 Series                       |               | Fasteners included                                       | Thermoplastic<br>polyurethane/<br>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

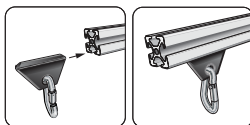
### Slides and Rollers Installation

#### Roller

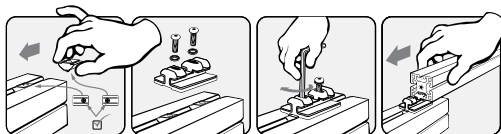


Bolt and nut not included  
and not available from  
AutomationDirect

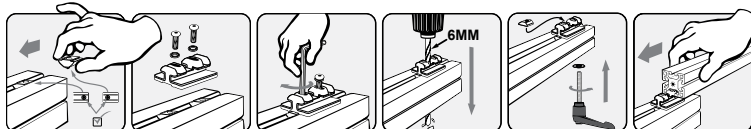
#### Slider and Snap Hook



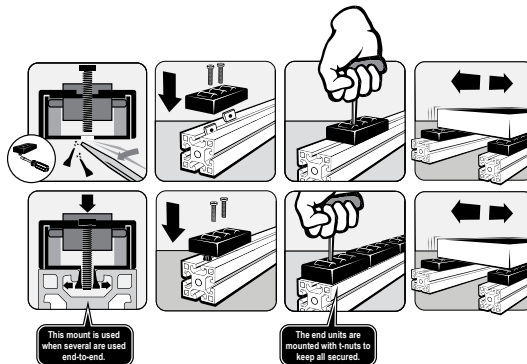
#### Slider



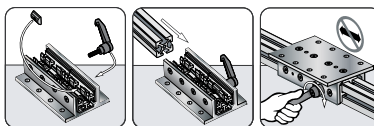
#### Slider with Clamp Lever



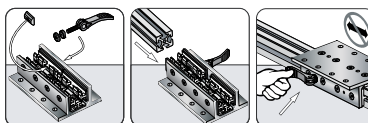
#### Roller Element



#### L-Handle Brake



#### Cam Lever Brake



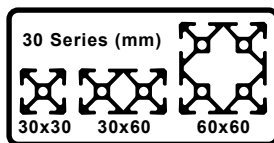
# FATH® T-Slotted Rail Accessories

## Slides and Rollers



### 30 Series Slides and Rollers

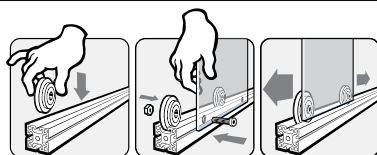
Fits Slot Size  
8



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

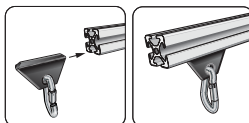
### Slides and Rollers Installation

#### Roller

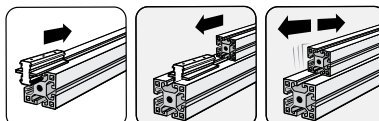


Bolt and nut not included  
and not available from  
AutomationDirect

#### Slider and Snap Hook



#### Profile Slider



# FATH® T-Slotted Rail Accessories

## Slides and Rollers

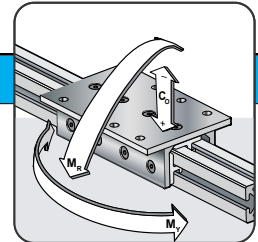
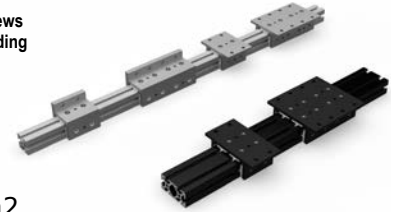
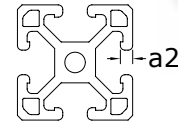
### Linear Bearings

- 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.



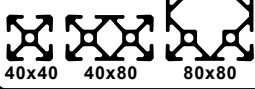
Adjust side screws  
for optimum sliding  
performance















## 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)<br>N[lbf] | Reverse Static<br>(-Co) N[lbf] | Roll Moment<br>(Mr) N-m[lbf-ft] | Yaw Moment<br>(My) N-m[lbf-ft] |   |                     |              |              |                     |                     |  |  |
| <a href="#">166393</a> |    | \$63.00  | 3-slot, double flange, short linear bearing | 40 x 40mm,<br>40 x 80mm | 1             | 1000<br>[225]         | 500<br>[112]                   | 40<br>[29]                      | 150<br>[111]                   | Aluminum/<br>die-cast zinc/<br>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<br>[59]          | 200<br>[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 | 40 x 80mm,<br>80 x 80mm |               | 2000<br>[450]         | 1000<br>[225]                  | 50<br>[37]                      | 150<br>[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<br>[74]                     | 200<br>[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 x 40mm,<br>80 x 80mm |               | 1000<br>[225]         | 500<br>[112]                   | 40<br>[29]                      | 150<br>[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<br>[59]   | 200<br>[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

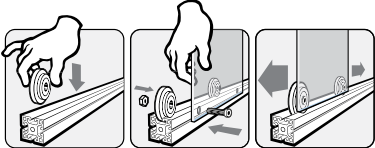
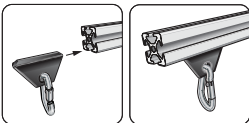
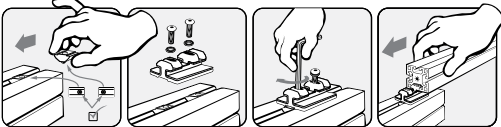
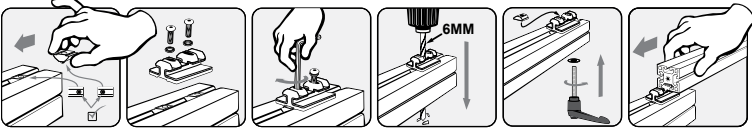
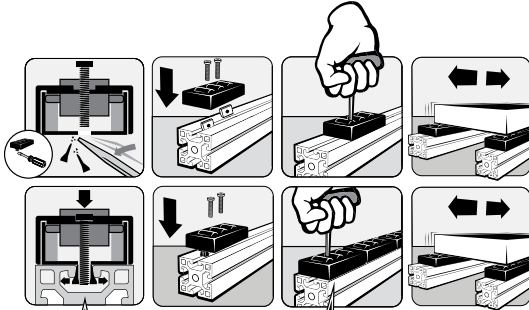
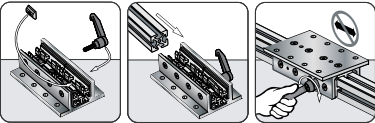
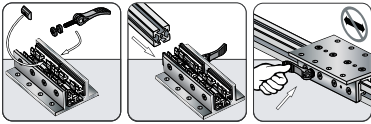
40x80

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                       |                               |               |  |  | n/a                 |
| <a href="#">151166</a> |  | \$4.50  | Slider                       | Slider <a href="#">151166</a> |               | 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

## Slides and Rollers



### 45 Series Slides and Rollers

Fits

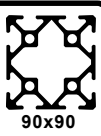
Slot Size

10

45 Series (mm)

45x45








45x90



45x45

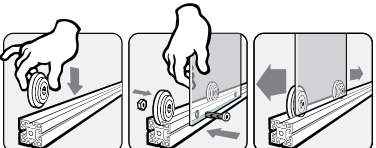
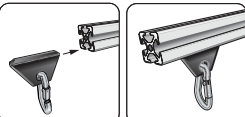
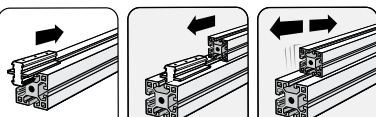
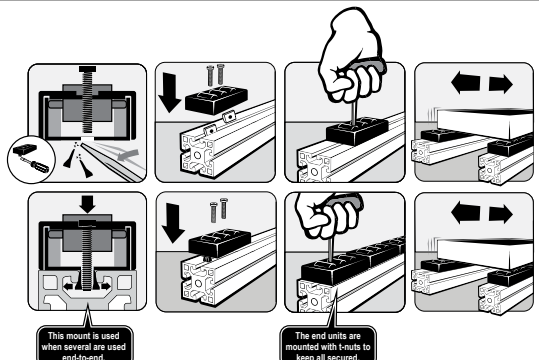
45x90

90x90

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

# FATH® T-Slotted Rail Accessories

## Slides and Rollers - Continued

| Slides and Rollers Installation |   |
|---------------------------------|---|
| <b>Roller</b>                   |    |
| <b>Slider and Snap Hook</b>     |    |
| <b>Profile Slider</b>           |    |
| <b>Roller Element</b>           |  |