



RW316  
Rev. 01 [10-  
2025]

## Stainless Steel Trefoil Cable Cleat

Cable Cleat for the Protection and Support  
Of Cables in Trefoil Arrangement

### INSTALLATION INSTRUCTIONS CCSSTR Family of Cable Cleats

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**TO REDUCE THE RISK OF INJURY, USER  
MUST READ INSTALLATION INSTRUCTIONS  
BEFORE ATTEMPTING TO INSTALL**


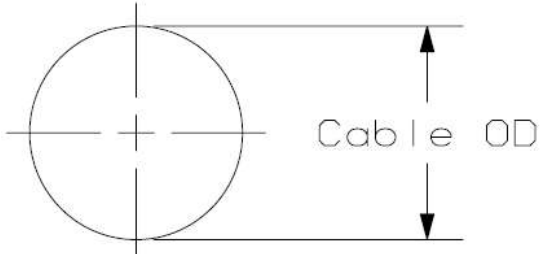
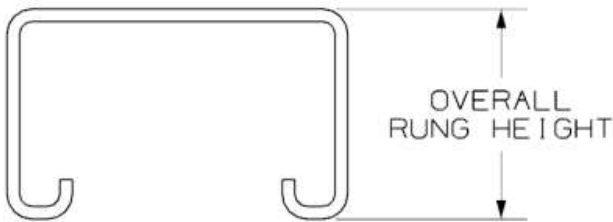


**NOTE:** *In the interest of higher quality and value, Panduit products are continually being improved and updated. Consequently, pictures may vary from the enclosed product.*

**NOTE:** *Updates to this Installation Instructions may be available. Check [www.panduit.com](http://www.panduit.com) for the latest version of this manual.*

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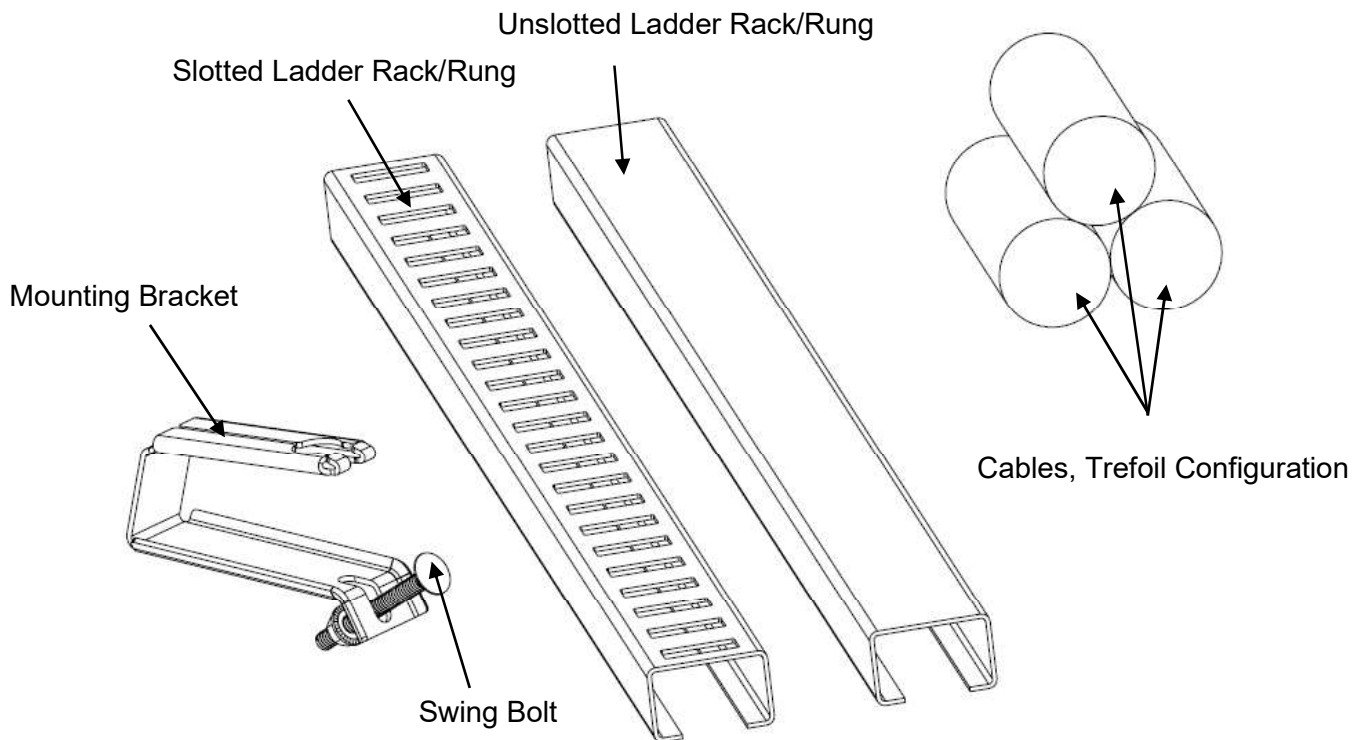
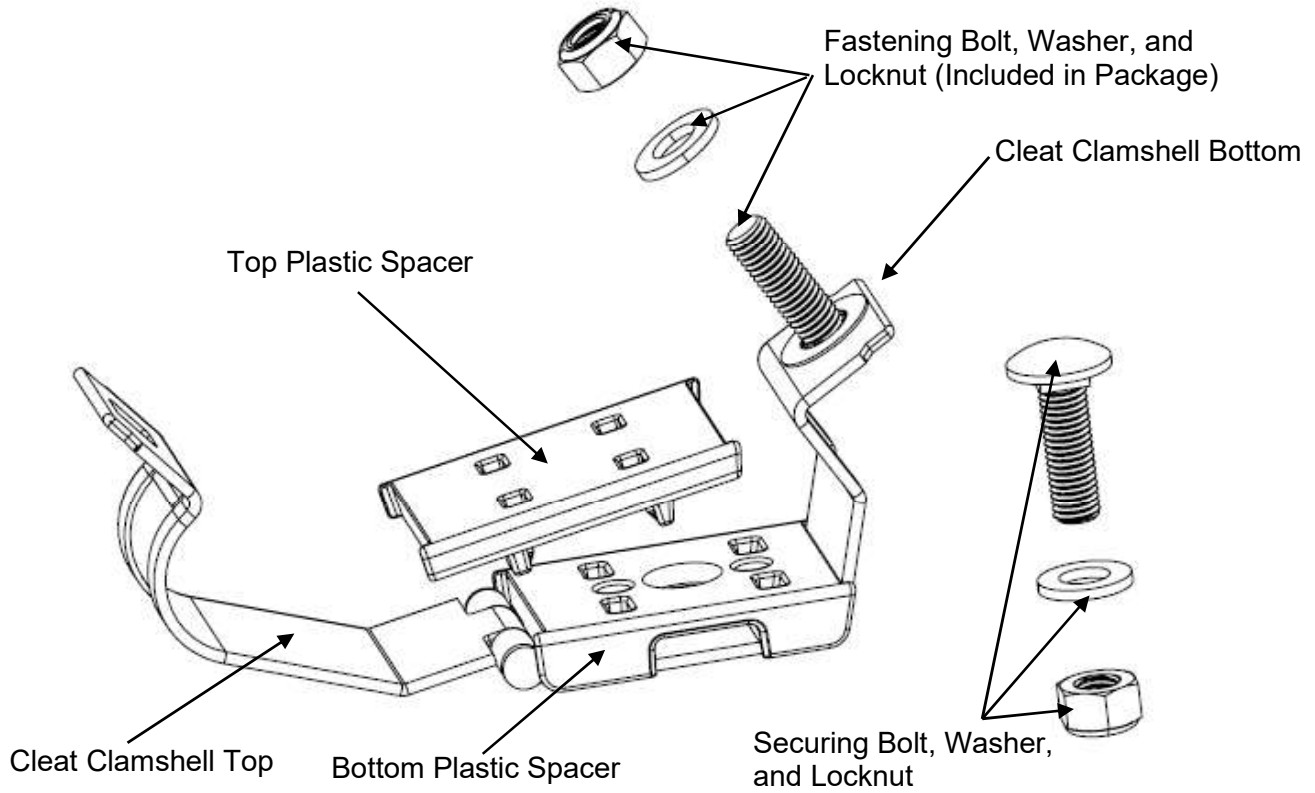
## Preparing for Order

Step	Picture	Description
1	 <b>Contact Us</b>	Contact Panduit Sales for assistance with Cleat and hardware selection.
2		Measure actual diameter of the cables. Select a cleat part number based on the actual diameter of the cables.
3		Measure height of the ladder rung. If using a bracket, reference chart below. If using a bolt, procure M8 or 5/16" carriage bolts, washers, and nylon locknuts with sufficient length to pass through the ladder rung.

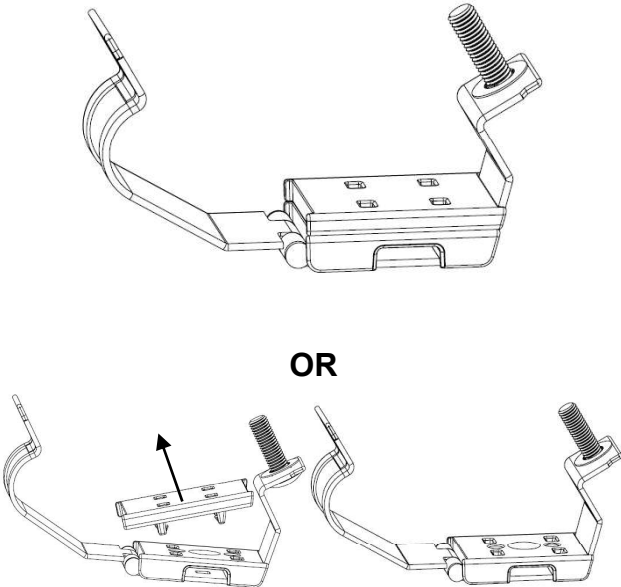
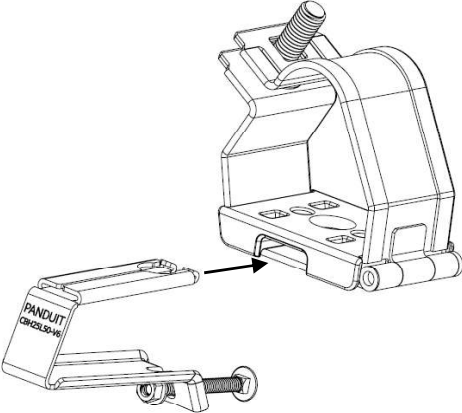
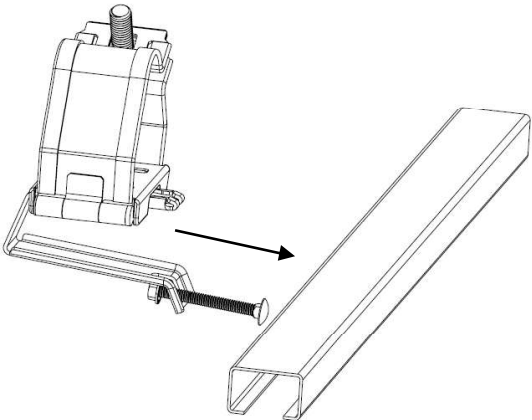
Rung Height	Bracket Family Number
<b>15mm (.59") or less</b>	<b>CBH15L50</b>
<b>15mm (.59") to 20mm (.79")</b>	<b>CBH20L50</b>
<b>20mm (.79") to 25mm (.98")</b>	<b>CBH25L50</b>
<b>25mm (.98") to 30mm (1.16")</b>	<b>CBH30L50</b>

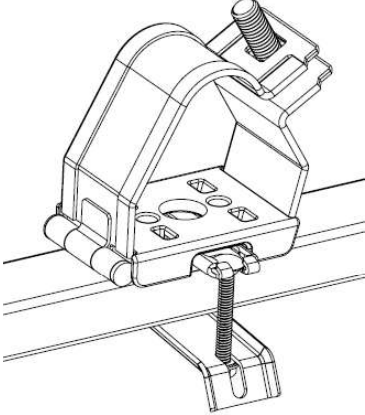
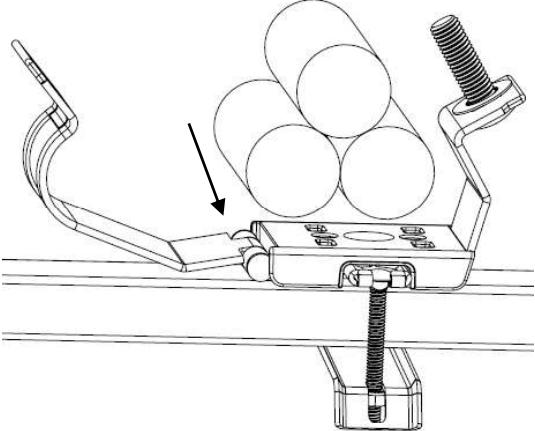
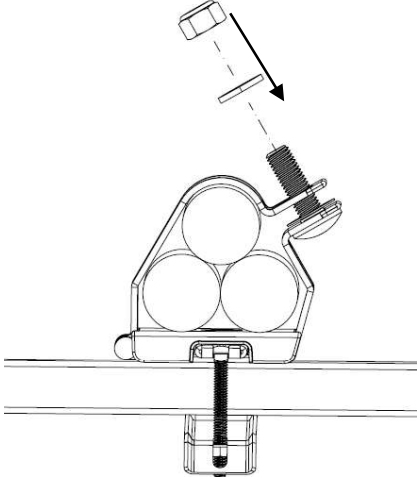
Galling can occur when threading stainless steel fasteners. The heat caused by friction causes the layers of oxide to cold weld together. If this occurs, threading or removing the fasteners will be very difficult to impossible. Lubricant should be applied to the threads of the bolt in order to reduce the possibility of galling. Lubricating threads will lower the torque requirements by approximately 25% depending on type of lubricant used.

## Cable Cleat Nomenclature

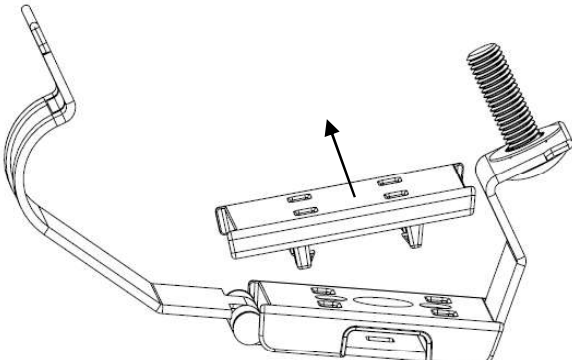
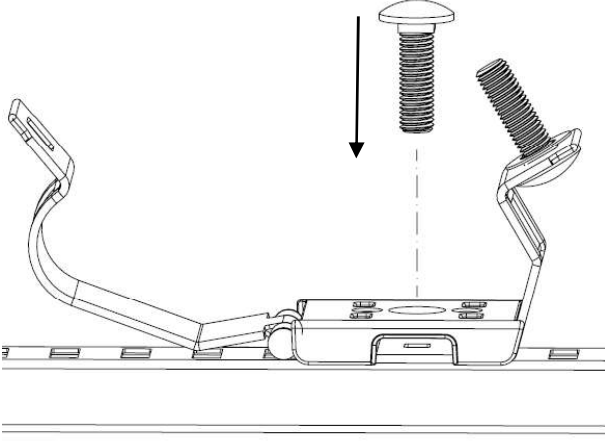
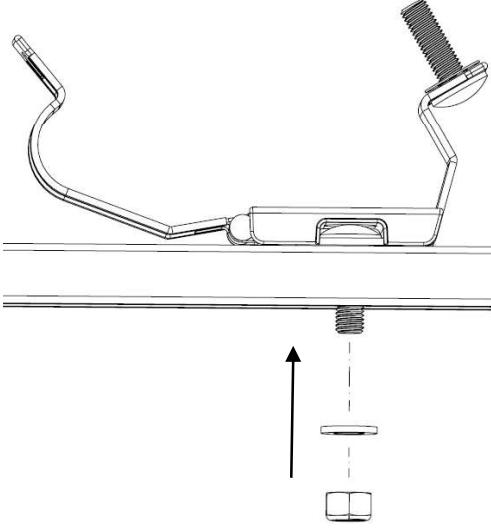


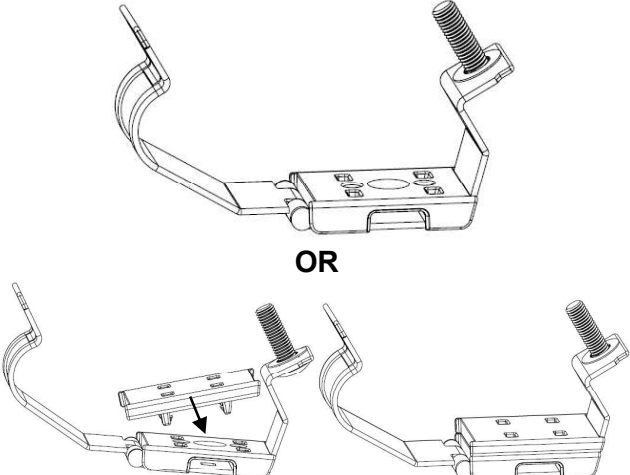
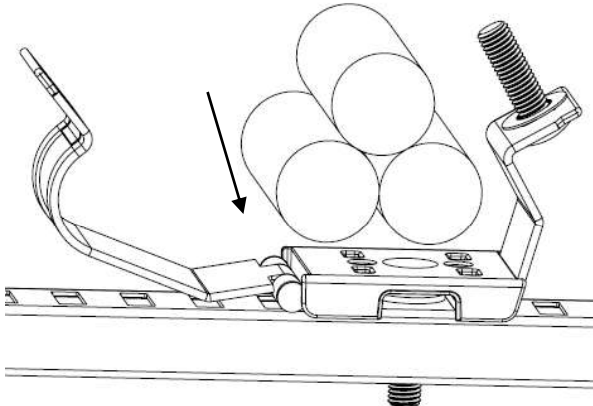
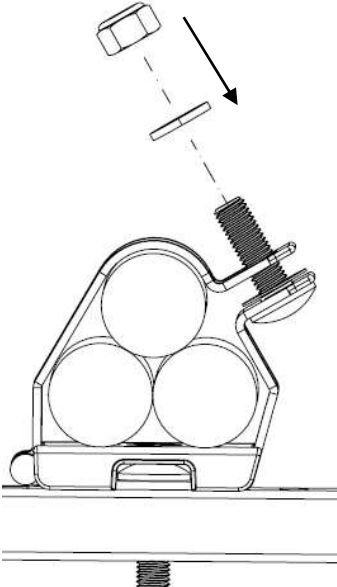
## Mounting Method 1: Bracket

Step	Picture	Description
1	 <p style="text-align: center;"><b>OR</b></p>	<p>Measure the cable diameter. Remove top plastic spacer depending on cable diameter. See table on page 8.</p>
2		<p>Insert bracket into slot in lower plastic spacer of cable cleat.</p>
3		<p>Slide cleat over rung until centered, with bracket encompassing the rung.</p>

<p>4</p>		<p>Rotate swing bolt until the carriage head rests within the matching opening in the top of the bracket. Tighten to 60 in-lbs [6.8Nm].</p>
<p>5</p>		<p>Open top clamshell and place cables in the opening in a trefoil configuration. Close top clamshell around the cables.</p>
<p>6</p>		<p>Assemble included nut and washer onto the securing bolt. Tighten to 15 ft-lbs [20.3Nm].</p>

## Mounting Method 2: Bolt

Step	Picture	Description
1		<p>Remove top plastic spacer to allow access to the bolt hole.</p>
2		<p>Position cleat over the appropriate hole in the rung. Assemble securing carriage bolt through the hole in the bottom of the cleat.</p>
3		<p>Tighten securing bolt to 120 in-lbs [13.6Nm].</p>

<p>4</p>	 <p>OR</p>	<p>Measure the cable diameter. Remove top plastic spacer depending on cable diameter. See table on page 8.</p>
<p>5</p>		<p>Open top clamshell and place cables in the opening in a trefoil configuration. Close top clamshell around the cables.</p>
<p>6</p>		<p>Assemble included nut and washer onto the securing bolt. Tighten to 15 ft-lbs [20.3Nm].</p>

## Spacer Decision Table

<b>Part Number</b>	<b>Cable Range</b>	<b>Use Top Spacer</b>	<b>Discard Top Spacer</b>
CCSSTR2025-X	20 – 25mm	20 – 22.5mm	22.5 – 25mm
CCSSTR2328-X	23 – 28mm	23 – 25.5mm	25.5 – 28mm
CCSSTR2632-X	26 – 32mm	26 – 29mm	29 – 32mm
CCSSTR3036-X	30 – 36mm	30 – 33mm	33 – 36mm
CCSSTR3440-X	34 – 40mm	34 – 37mm	37 – 40mm
CCSSTR3844-X	38 – 44mm	38 – 41mm	41 – 44mm
CCSSTR4248-X	42 – 48mm	42 – 45mm	45 – 48mm
CCSSTR4652-X	46 – 52mm	46 – 49mm	49 – 52mm
CCSSTR5057-X	50 – 57mm	50 – 53.5mm	53.5 – 57mm
CCSSTR5461-X	54 – 61mm	54 – 57.5mm	57.5 – 61mm
CCSSTR5865-X	58 – 65mm	58 – 61.5mm	61.5 – 65mm
CCSSTR6269-X	62 – 69mm	62 – 65.5mm	65.5 – 69mm