

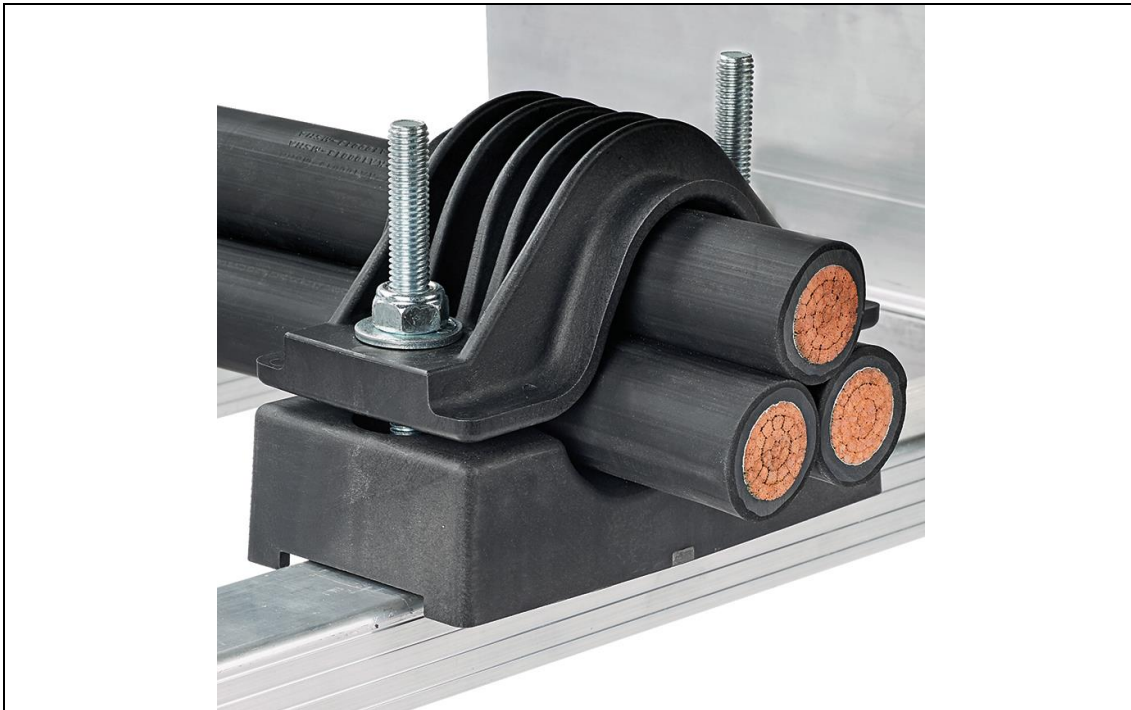
Plastic Trefoil Cable Cleat

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

INSTALLATION INSTRUCTIONS

CCPLTR Family of Cable Cleats

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


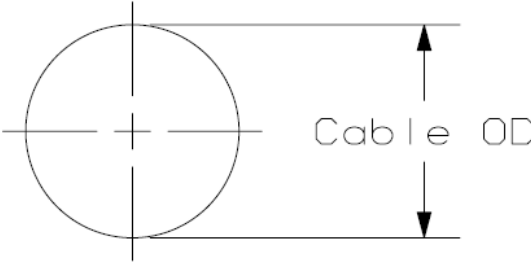
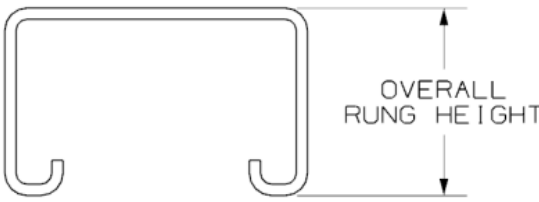


NOTE: *In the interest of higher quality and value, Panduit products are continually being improved and updated. Consequently, pictures may vary from the enclosed product.*

NOTE: *Updates to this Installation Instructions may be available. Check www.panduit.com for the latest version of this manual.*

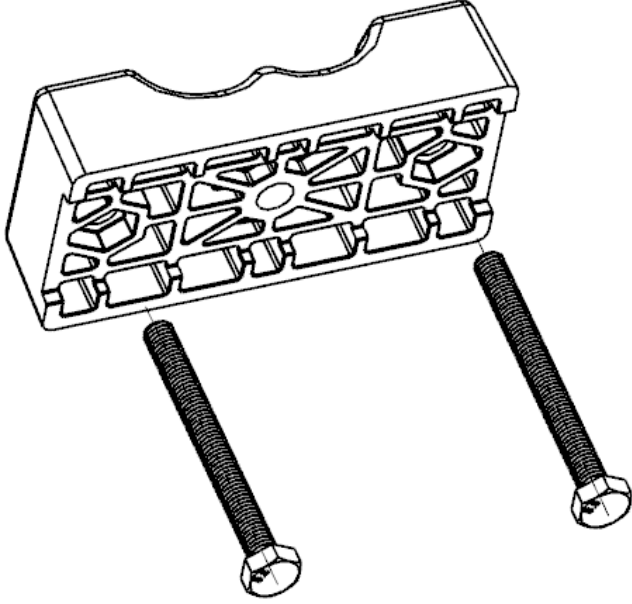
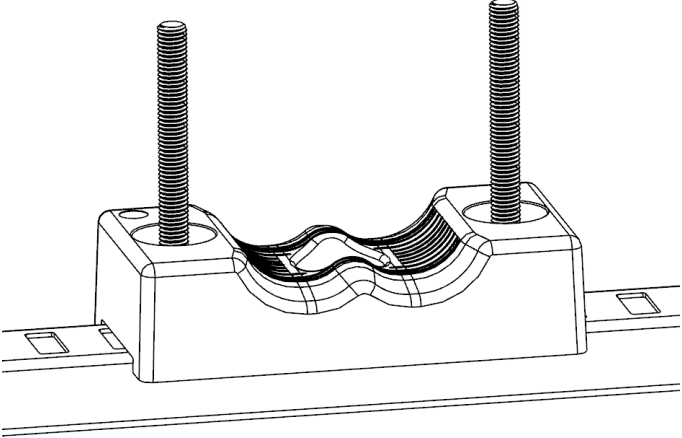
<p>Email: techsupport@panduit.com</p> <p>EU Website: www.panduit.com/emea</p> <p>EU Email: emeatoolservicecenter@panduit.com</p>	 www.panduit.com	<p>Panduit Corp. USA Technical Support Tel: 800-777-3300</p> <p>Panduit Europe • EMEA Service Center Tel: +31 546 580 452 • Fax: +31 546 580 441</p>
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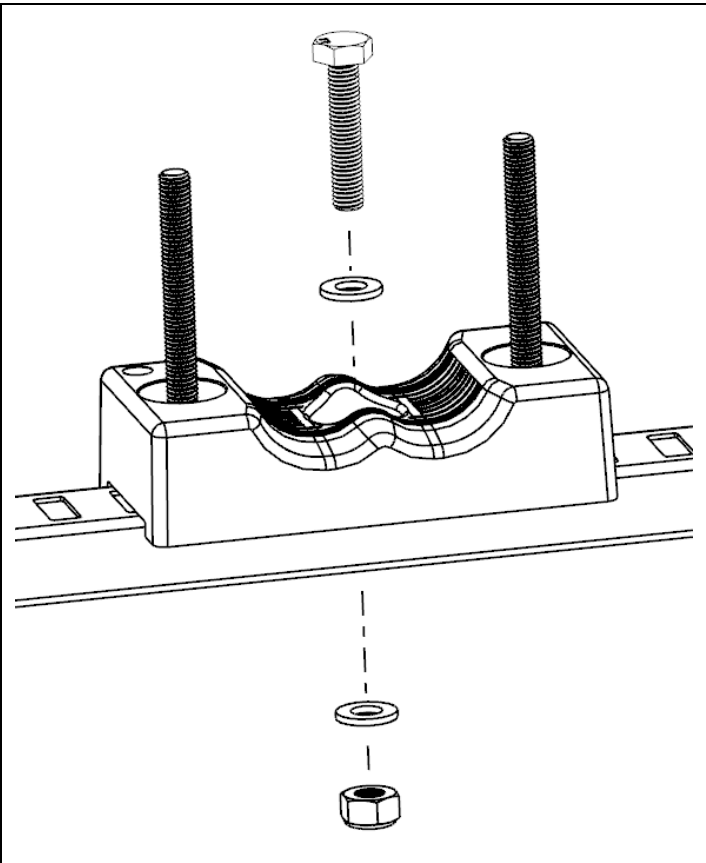
Preparing for Order

Step	Picture	Description
1		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 center securing bolt (Method 1), procure M10 or 3/8" hex bolts, washers, and nylon locknuts with sufficient length to pass through the ladder rung. Procure fastening M10 or 3/8" hex bolts based on the chart below. If using side bolts for both securing and fastening (Method 2), procure M10 or 3/8" hex bolts with sufficient length to pass through the ladder rung and the cleat with cables installed. Dock washers can be used to span the opening at the bottom of the rung if there is insufficient clearance between the flanges.

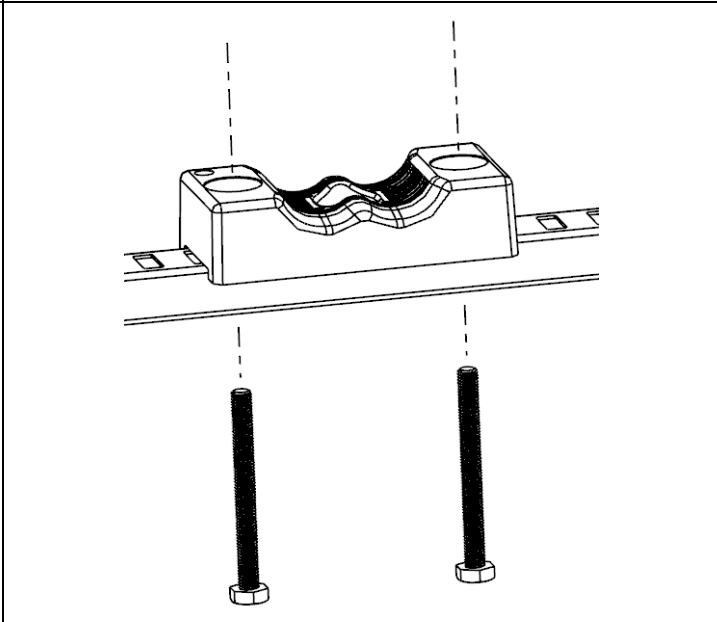
Mounting Method 1: Center Bolt

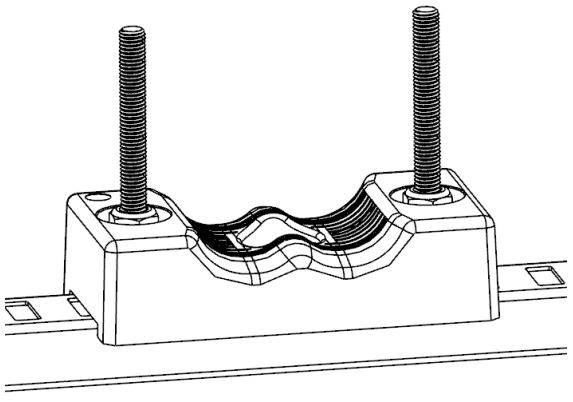
Cleat Part Number	Minimum Bolt Length
CCPLTR2228-X	90mm (3 1/2")
CCPLTR2633-X	90mm (3 1/2")
CCPLTR3139-X	100mm (4")
CCPLTR3745-X	100mm (4")
CCPLTR4352-X	120mm (4 3/4")
CCPLTR5060-X	120mm (4 3/4")

Step	Picture	Description
1	 <p>The diagram shows a perspective view of a cable cleat base. Two bolts are shown being inserted through the base from the bottom. The bolts are fully threaded and have hexagonal heads. The cleat base has a central hole and two side holes.</p>	<p>Assemble M10 or 3/8" fastening bolts through the cleat base. Fully threaded bolts are shown but not required.</p>
2	 <p>The diagram shows a side view of the cable cleat base being positioned over a hole in a metal rung. Two bolts are already inserted through the base. The cleat base is being lowered onto the rung so that its central hole aligns with the hole in the rung.</p>	<p>Position cleat over the appropriate hole in the rung.</p>

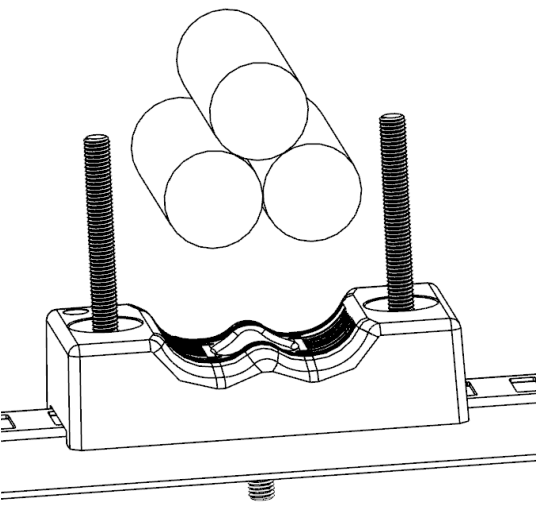
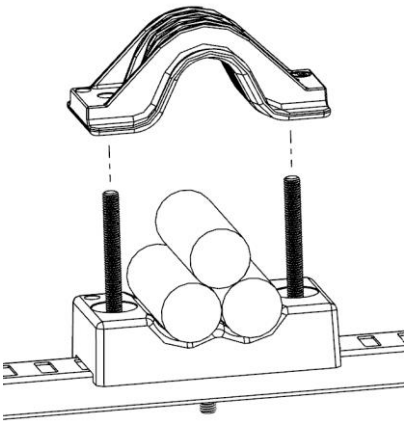
<p>3</p>		<p>Assemble M10 or 3/8" securing bolt through the hole in the bottom of the cleat. Tighten to 90 in-lbs [10.2Nm]. Skip to "Securing the Cable" section.</p>
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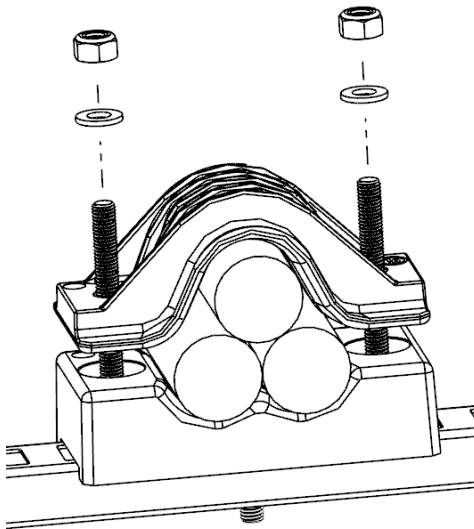
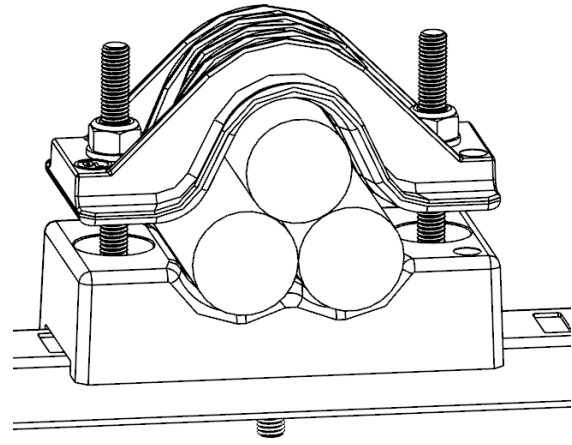
Mounting Method 2: Side Bolts

Step	Picture	Description
<p>1</p>		<p>Position cleat over the appropriate hole in the rung. Assemble M10 or 3/8" securing bolt through the holes in the bottom of the cleat. Fully threaded bolts are shown but not required. Continue to "Securing the Cables" section.</p>

<p>1A</p>		<p>OPTIONAL. Thread a regular hex nut onto each bolt until it bottoms out on the bottom plastic shell. This will hold the bolts in place. Nuts do not need to be removed before assembly. Requires fully threaded bolt. Continue to "Securing the Cables" section.</p>
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Securing the Cables

Step	Picture	Description
<p>1</p>		<p>Place cables in the opening between the fastening bolts, careful not to damage the cables on the bolts. Center securing bolt is not used if using Method 2.</p>
<p>2</p>		<p>Assemble top of cleat on fastening bolts.</p>

<p>3</p>		<p>Assemble washer and nylon locknut on fastening bolts. Tighten to 90 in-lbs [10.2Nm]. Ensure top remains level during tightening process.</p>
<p>END</p>		<p>Completed product.</p>