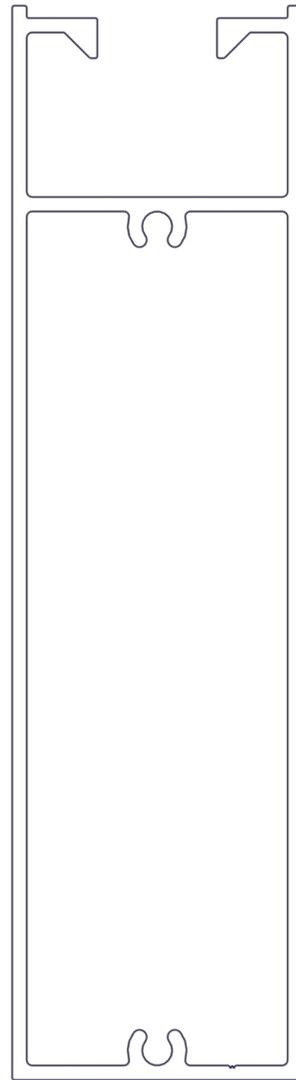
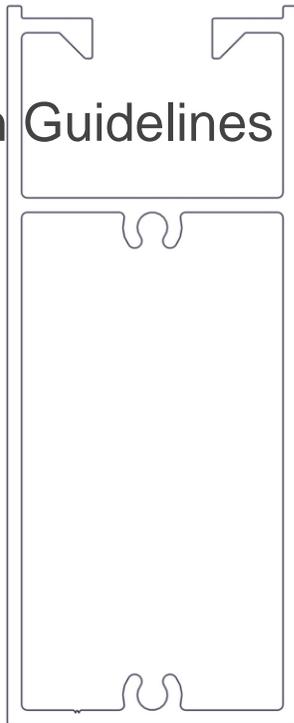




**LONGBOARD®**  
ARCHITECTURAL PRODUCTS

# Dauntless Interior Ceiling System

Installation Guidelines



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## Material Specifications

### Finishes

- Longboard Products are available in a wide range of woodgrains and solid colors
- Custom solid colors are available upon request.

All Longboard Products are produced 1" (25mm) oversized, as one end is drilled for the coating process, and both ends have 1/2" (12mm) of masking tape (woodgrains only) which must be cut off for best results.

### Material Ordering & Delivery

- 
- **Packaging:** Dauntless Beams are sold in sizes of 1 5/8" x 4" & 6" x 24' lengths  
End caps are sold by the box: 20 caps/bx.
- 
- **Shipping:** Lead time is 3-6 business days\* + shipping (*\*subject to change*), delivered on 24' (7.3m) long skids weighing up to 2000 lbs. A mechanical lift with forks is required on site to receive the order.
- 
- **QC:** Always inspect the delivery for damage and contact LB ASAP if there are any issues: [info@longboardproducts.com](mailto:info@longboardproducts.com) or 1-800-604-0343 and include your PO# and any pictures if possible. Mark the delivery receipt as "damaged" and accept the delivery as-is. Longboard is not responsible for the installation of blemished or damaged material.

### Storage & Handling

Be sure to store the material flat, keep it dry, safe & secure and remain in unopened cartons until ready to be installed.

See **Appendix for proper handling and care instructions.**

### Cleaning Recommendations

While Longboard finishes require zero maintenance, we do recommend periodic cleaning to keep the product looking its best. Our finish is tested to withstand corrosion, fading and normal wear, however, neglect and rough conditions could have negative effects on the surface finish. Your Longboard products should be cleaned immediately after installation. See the cleaning guide for our suggestions based on soil level. Basic methods use a combination of moderate water pressure, soft sponge/brush, and a mild detergent.

See **Cleaning Guide for full requirements:** [longboardproducts.com](http://longboardproducts.com)

⚠ NEVER use aggressive acid or alkaline cleaners on Longboard finishes. Do not use cleaners containing Trisodium Phosphate, Phosphoric Acid, Hydrochloric Acid, Hydrofluoric Acid, Fluorides, or any other compound that is known to react with metal.

Always follow the product instructions for dilution. Cleaning the surface with a cleanser that is not diluted may result in damage to the coating.

### Warranty

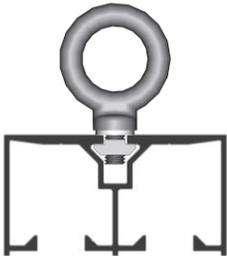
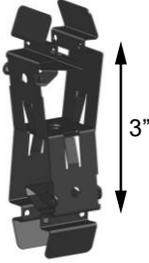
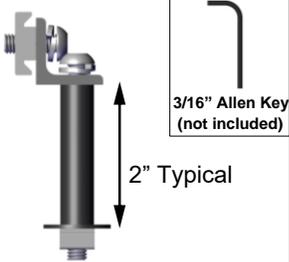
Upon substantial completion of the project, register for warranty online here: [longboardproducts.com/warranty](http://longboardproducts.com/warranty)

⚠ Registration is required for the warranty to be in effect.

## Components

### Components (Typical)

Longboard Dauntless Interior Ceiling System consists of a Beam, End Cap, Hanger, Rail, and Eyebolt. For all LB components go to [longboardproducts.com](http://longboardproducts.com).

 <p><b>4" Beam</b> 2X4CB.289</p>	 <p><b>6" Beam</b> 2X6CB.289</p>	 <p><b>Single Carrier Rail</b> Incl. Eyebolt w. T-Nut CBR.289</p>	 <p><b>Double Carrier Rail</b> Incl. Eyebolt w. T-Nut CBDR.289</p>
 <p><b>Side Carrier Rail</b> -For Hanger Bracket 2CBSR.289</p>	 <p><b>End Cap</b> 2BEC.4,6</p>	 <p><b>Hanger Clip</b> HC.3</p>	 <p><b>Spline Connector</b> with Set Screws BSCT.6</p> <p> 1/8" Allen Key (not included)</p>
 <p><b>Hanger Bracket</b> 2" typical, special order: 4", 6", 8", 10", 12" CBHB.2,4,6,8,10,12</p> <p> 3/16" Allen Key (not included)</p>			

## Tools/Cutting/Fastening

### Tools

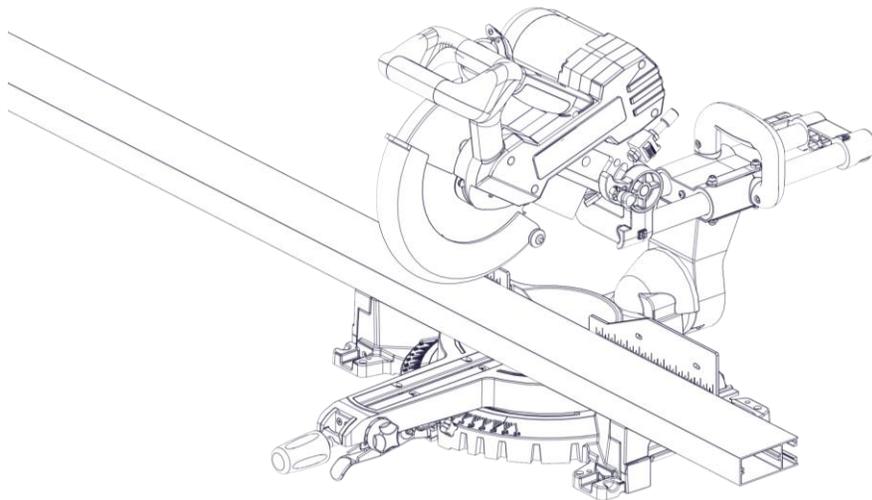
Commonly used tools for Dauntless install.

<p>Miter Saw with Carbide Metal Blade Non-Ferrous 60-80T (for aluminum)</p>	<p>Laser Level</p>	<p>Chalk Line or String Line</p>	<p>Tape Measure</p>
<p>Level</p>	<p>Rubber Mallet (or Hammer)</p>	<p>Paint Pen</p>	

### Cutting

⚠ Always be sure to wear appropriate PPE: eye & hearing protection.

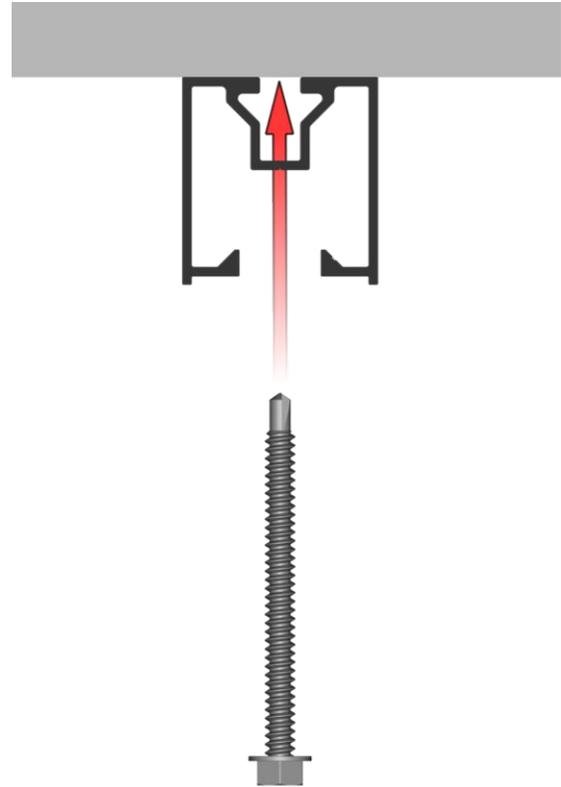
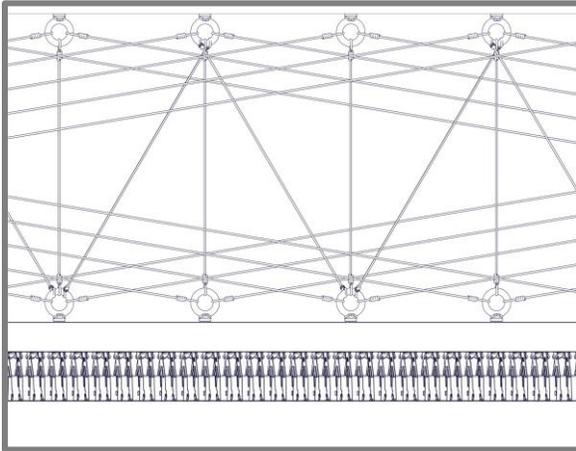
Cut girts using a Miter/Chop Saw to terminate to accurately measured distances between subsequent girts and area limitations.



### Fastening

Longboard Dauntless system consists of Beams attached to Rails which are hung from a structure above. Using Eyebolts, the Dauntless system can be suspended from the ceiling to the Rail system with wires or threaded rod (supplied by others). The Rails can also be attached directly to the ceiling or structure. The attachment from the Rail or Eyebolts are done by others.

⚠ All fasteners should be compatible with the substrate type. **Fasteners should be anchored into a solid secure framing member.**

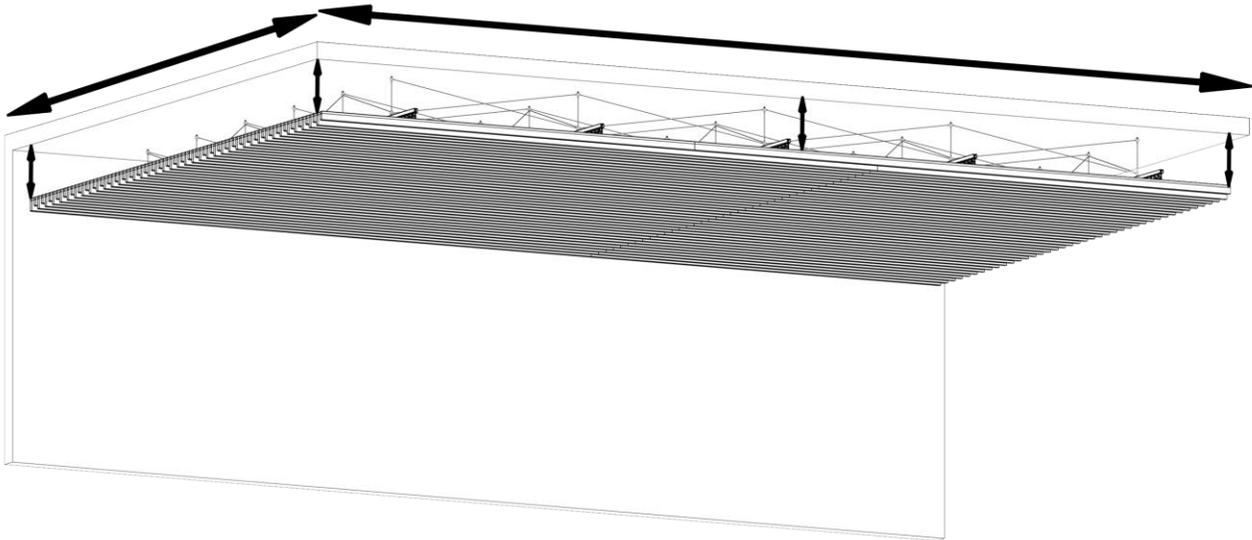


## System Install

### System layout

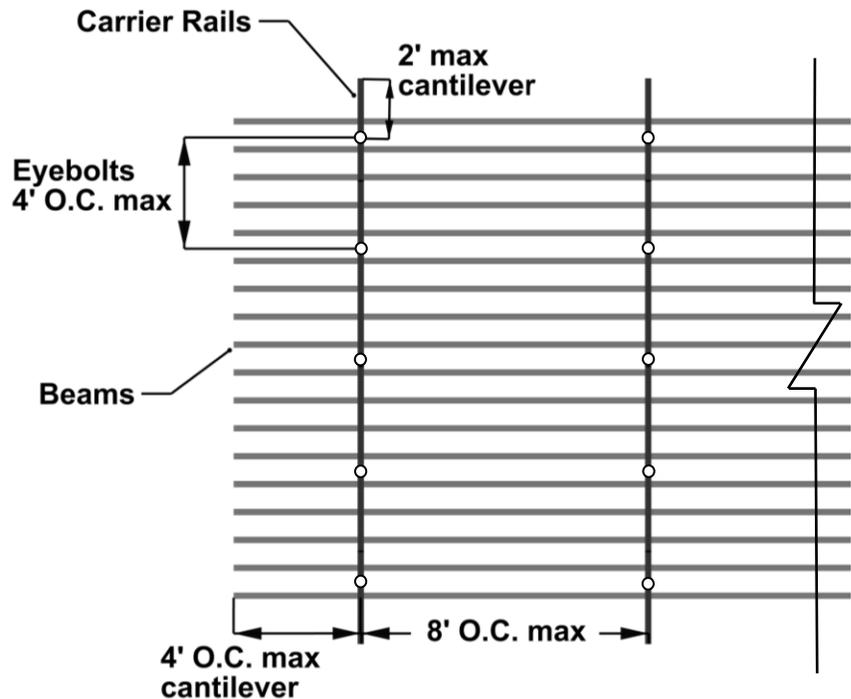
#### Perimeter area and drop depths

Measure and layout your ceiling system taking into consideration corners, bends and drop depths from ceiling. Make sure to mark and level out the drop depth of the Rails so they line up with the install of the Dauntless Beams.



#### Typical layout

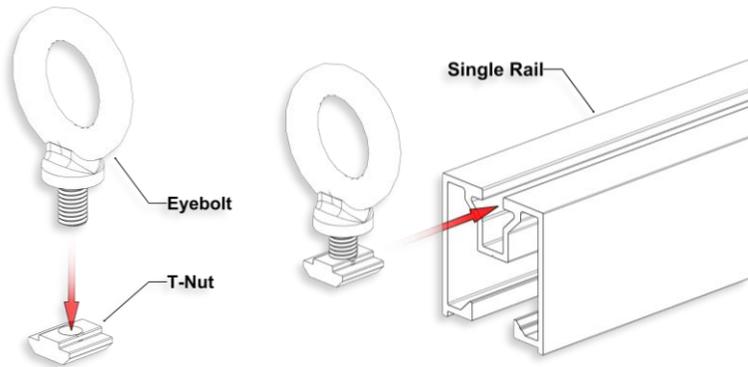
- Carrier Rails @ 8' O.C. max spacings (2' max cantilever)
- Eyebolts @ 4' O.C. max spacings
- Hanger Clip placed at desired Beam spacing
- Must use at least two attachment points per Beam and Rail



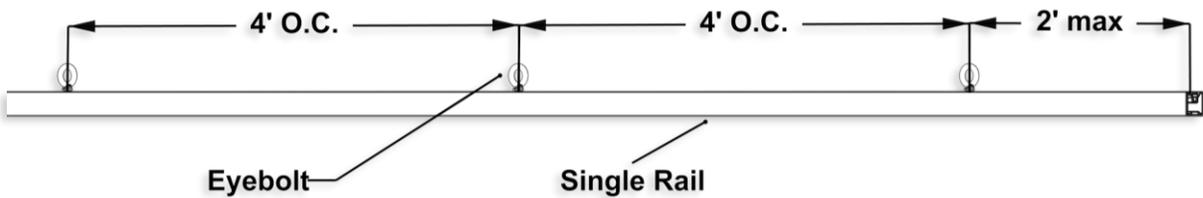
## Install Rail system

### Step 1 -Eyebolt Install

Measure and cut Rails for the required area. Measure and install Eyebolts every 4' O.C. max with a 2' max cantilever. Slide the Eyebolt and T-Nut onto each Rail and tighten the Eyebolt once in position.

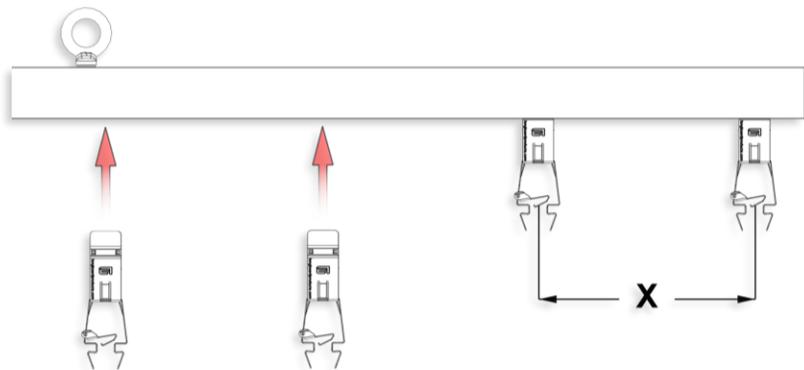


**⚠ Note:** Tighten Eyebolt all the way so it is not loose.

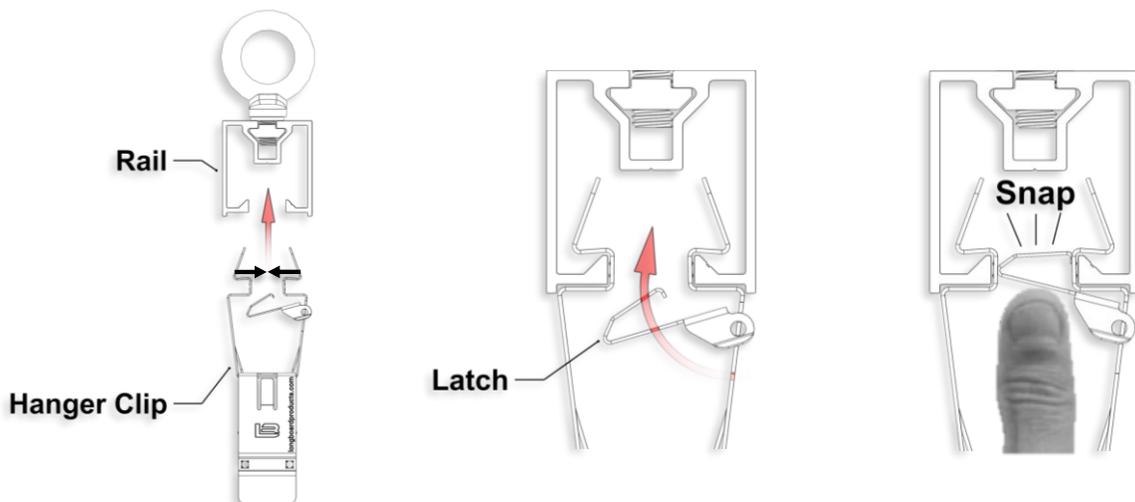


### Step 2 -Hanger Clip Install

Measure desired Beam spacings on the Rail (X) and install Hanger Clips as shown. The Hanger Clip is designed with a Latch that when pressed locks the Hanger Clip into place. Using thumb, press with pressure to snap the Latch into place. See images for details.

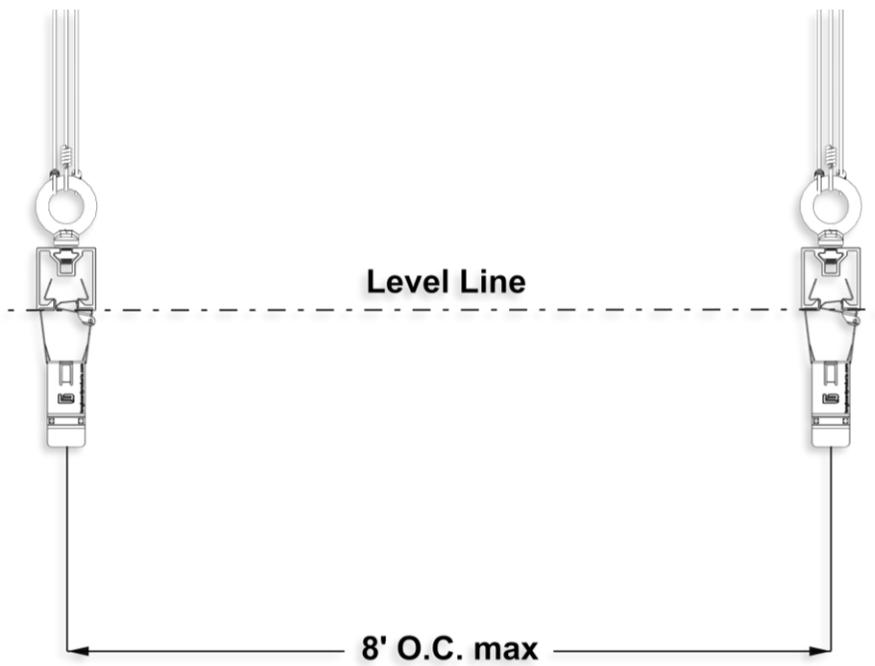
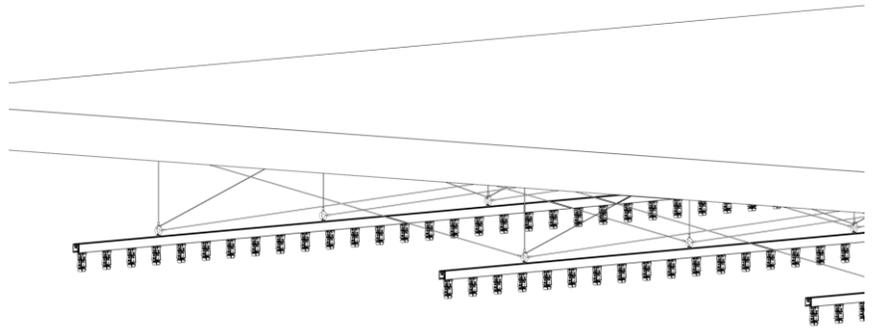


**⚠ Note:** The Hanger Clip is universal so it can be installed either end into the Rail or Beam.



**Step 3 -Rail Install**

Install Rails with Hanger Clips onto ceiling structure with wires or Ready Rod. Make sure to level out the Rails so they are all plumb and straight.



## Install Beams

### Step 4 -Beam Preparation

Measure and cut Beams for the required area.

Use a Paint Pen on the cut ends and install End Caps. End Caps are friction fit and if needed can be installed with a Rubber Mallet to protect the finish.



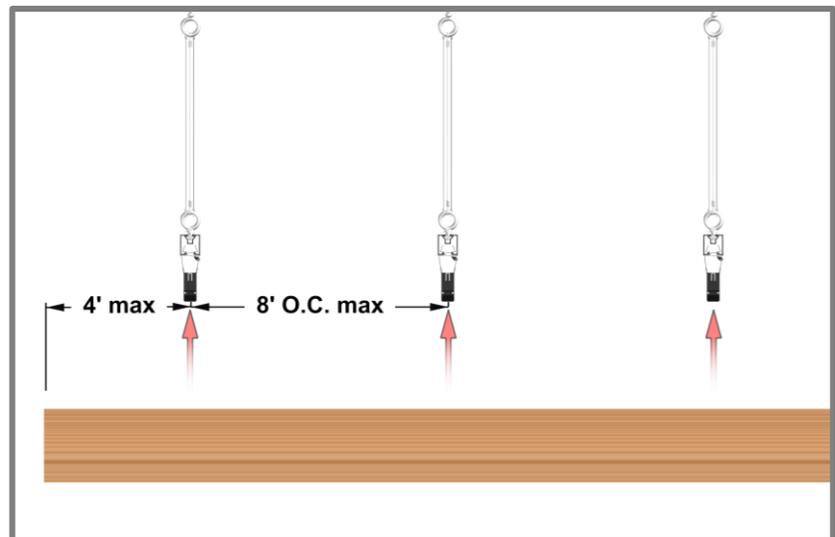
### Step 5 -Beam Install

Lift Beams into place onto the Hanger Clips previously installed on the Rails.

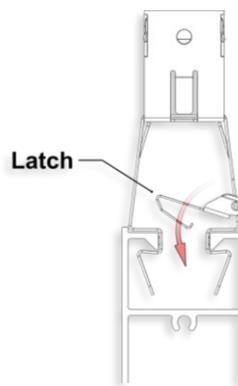
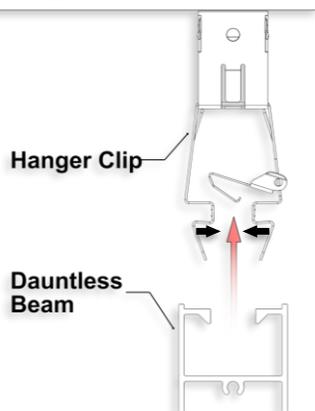
Using the Latch, snap the Beam into place for every hanger Clip along the length. Make sure to check that Beams are level, plumb and straight.

**⚠ Note:** Make sure every Hanger Clip is attached and snapped onto the Beam.

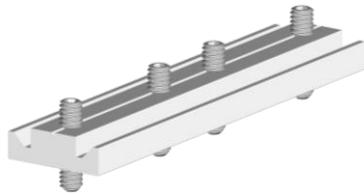
Repeat Steps 4 & 5 for the rest of the Beams.



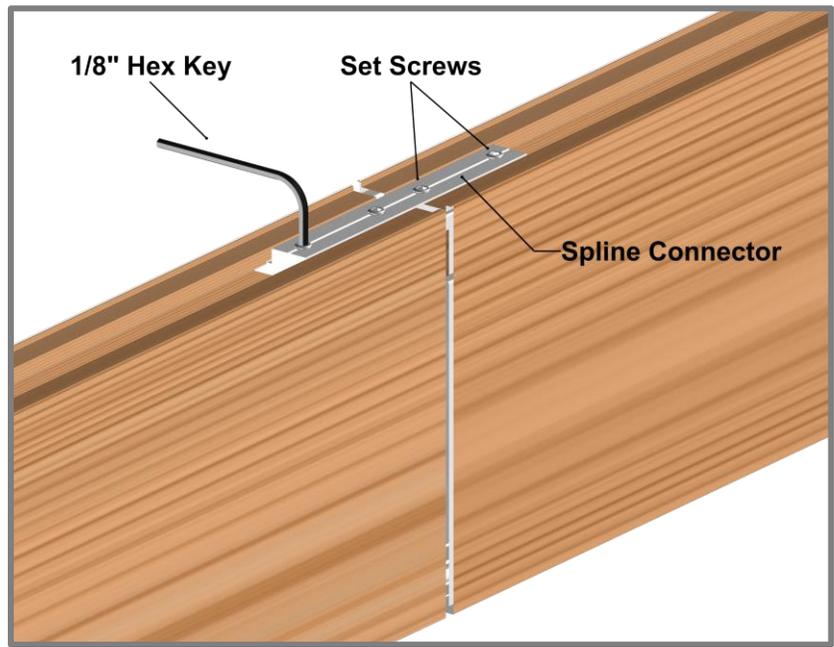
### Single Rail



Spline Connectors are used to connect Dauntless Beams together to achieve a seamless look for linear runs greater than 24'. A 1/8" Hex Key is used (by others) to tighten the Set Screws once in the desired position. Spline Connector and Set Screws are purchased separately.



**Spline Connector  
with Set Screws**





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Every effort has been made to ensure that the information in these installation guidelines is accurate. Longboard is not responsible for printing or clerical errors.

For more information, contact client care at [info@longboardproducts.com](mailto:info@longboardproducts.com) or call toll free 1-800-604-0343.