

Nixalite® I-Beam Clamps Installation Instructions

I-Beam Clamps (part# - MHIC) quickly fasten Nixalite Premium Barrier Models or the E-Spike Economy Spikes to the top or bottom flanges of I-beams. They are easy to install and can reduce installation time. All I-beam clamps are 100% stainless steel and have the necessary mounting hardware pre-positioned and ready to use. To install the clamps, follow the simple steps outlined in these instructions. **If you have any questions, please contact Nixalite.**

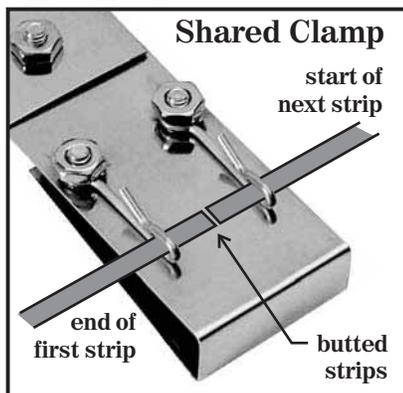


Finding the I-Beam Clamp Quantities and Spacing

Due to the double mounting hardware design, all I-beam clamps can be shared between the end of one bird spike strip and the beginning of the next strip in a row (see Sketch #1).

Example; the first 48" long section of bird spike requires 4 I-beam clamps. All of the following 48" long bird spike strips in that row need only 3 I-beam clamps. This is because of "sharing" (see sketch #2).

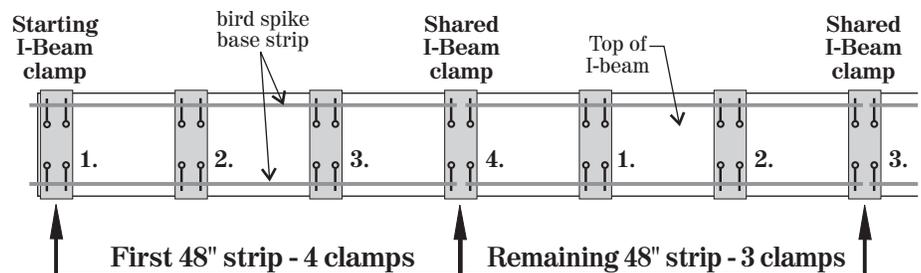
Sketch #1



I-Beam Clamp Spacing Chart

Spike strip length	Clamps req'd	Spacing
First 48" strip in a row	4 clamps	16" o.c.
Every 48" strip after	3 clamps	16" o.c.
First 24" strip in a row	3 clamps	12" o.c.
Every 24" strip after	2 clamps	12" o.c.
First 16" strip in a row	2 clamps	16" o.c.
Every 16" strip after	1 clamp	16" o.c.
First 12" strip in a row	2 clamps	12" o.c.
Every 12" strip after	1 clamp	12" o.c.

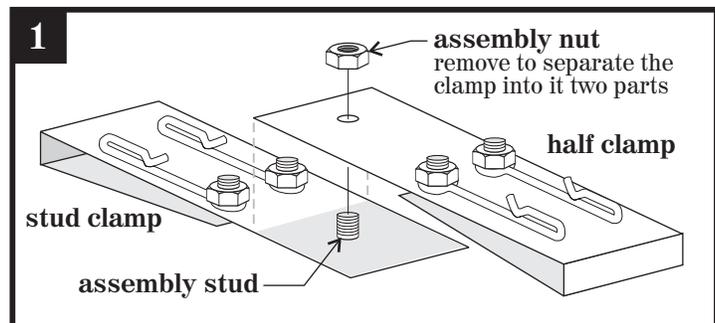
Sketch #2 - Sharing I-beam Clamps - plan view (n.t.s.)



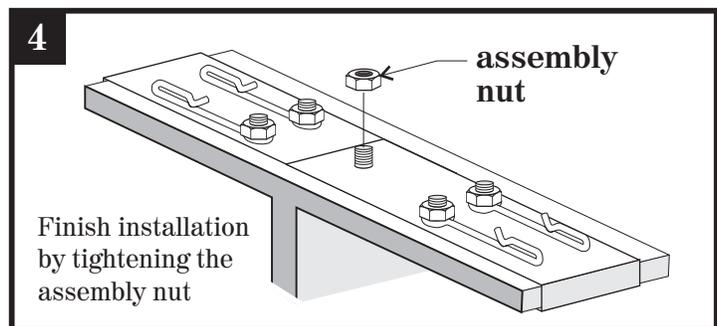
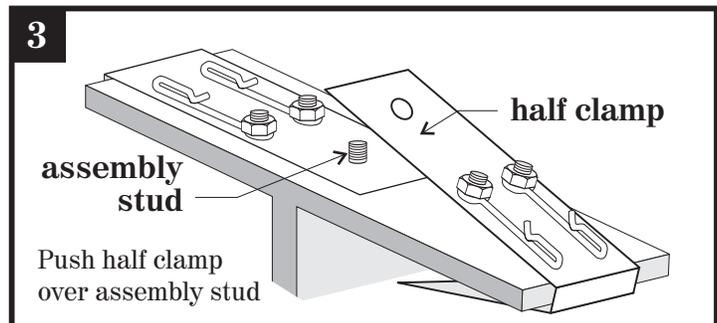
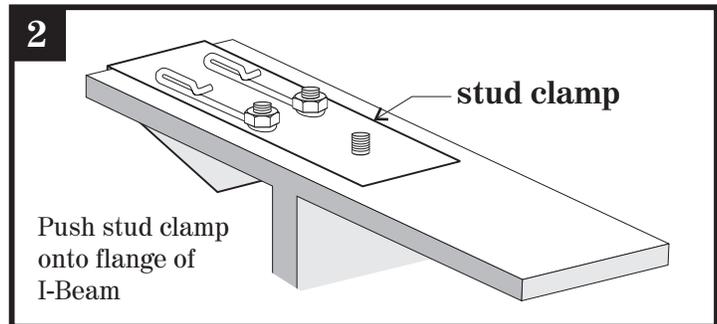
Installing Nixalite's I-Beam Clamps

The following instructions show a top flange I-beam clamp installation. Steps for a bottom flange installation would be very similar. The I-Beam clamp and all of the hardware (nuts, studs and clips) are stainless steel.

1. The I-Beam clamps are shipped assembled. The first step is to remove the assembly nut to separate the clamp into two pieces; the **stud clamp** and the **half clamp**. **NOTE:** Don't lose the assembly nut.



2. The **stud clamp** goes onto the flange of the I-Beam first. Gently open the stud clamp (if necessary) and push it onto the flange until fully seated.
3. The **half clamp** goes on next. Gently open the half clamp just enough so it will fit over the assembly stud. Push it onto the flange until fully seated, with the assembly stud sticking through the hole provided in the half clamp.
4. When both halves of the clamp are installed on the beam, secure them in place with the **assembly nut**. Repeat steps 1 through 4 for each I-Beam clamp.
5. To space the I-Beam clamps properly, refer to the I-Beam clamp spacing chart on the front of this page.



Custom made installation forms:

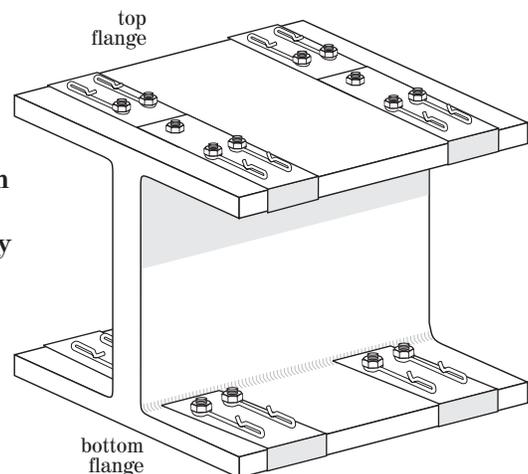
All of Nixalite's custom made installation forms are made to fit your installation surface dimensions.

Because they are custom made items, they are non-returnable and non-refundable. It is critical that you provide accurate dimensions of the installation surface.

Custom made forms require additional time to manufacture. Please allow extra time for delivery. Contact Nixalite for delivery times. Nixalite requires full payment for all custom forms in advance of manufacture.

Questions? Contact Nixalite for details on our exclusive custom forms.

Example with top and bottom flange I-Beam clamps. Ready to install the Nixalite bird spike strips.



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