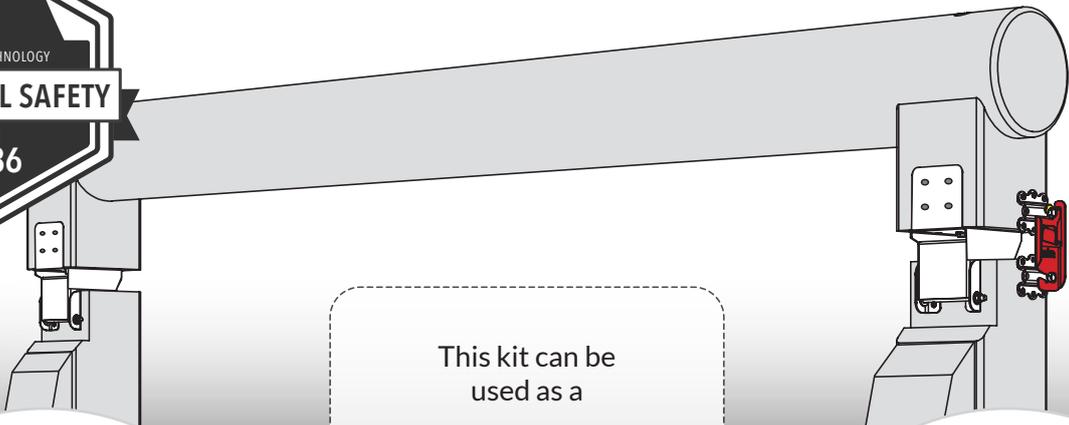


# Post & Rail Narrow Kit - 80322

# mimSAFE

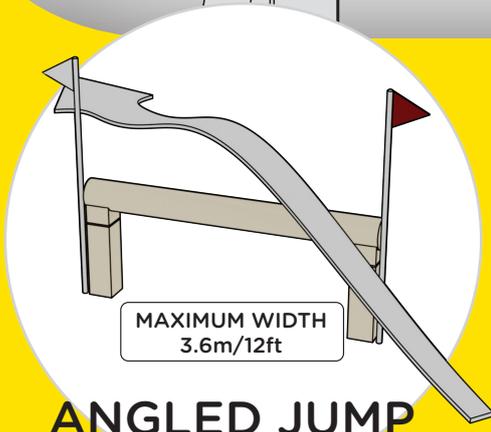
[mimclip.mimsafe.com](http://mimclip.mimsafe.com)



This kit can be used as a

## WALL FENCE

simply follow the fence dimensions given in the assembly instructions for wall kit 80324



## ANGLED JUMP USING YELLOW CLIP

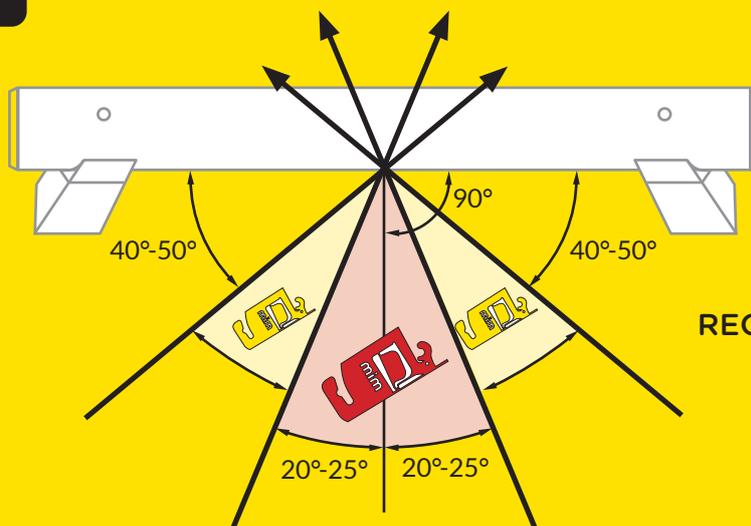
order separately  
kit nr.80328



## STRAIGHT JUMP USING RED CLIP

included in this kit

## INTENDED JUMPING ANGLE



## RECOMMENDED TOOL



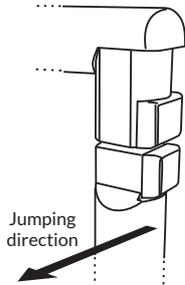
# INFORMATION ABOUT THE POST & RAIL NARROW KIT

The Post & Rail Narrow Kit has been designed and developed specifically to greatly reduce the risk of rotational falls. The most important element of this kit is that it will not

break the fence or risk injury to the horse if hit vertically. The rail is only released when impacted horizontally by the horse. The risk of a resulting rotational fall is thus reduced.

## FENCE DIMENSIONS

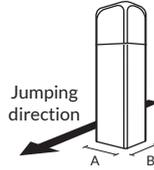
ROUND POST



MAX DIAMETER

11	inch
275	mm

SQUARE POST



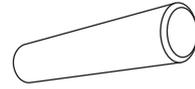
A: MAX SIZE

8	inch
200	mm

B: MAX SIZE

9	inch
225	mm

TOP SECTION

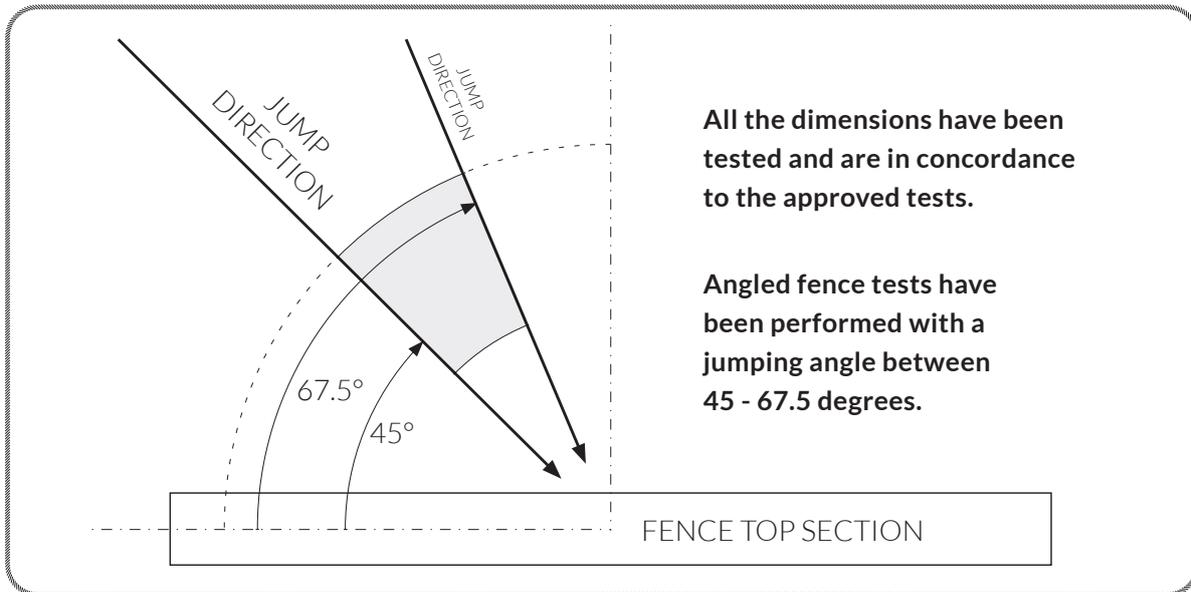


MAXIMUM WEIGHT

240	lb
110	kg
MAY ONLY BE EXCEEDED BY 25%	

MAXIMUM LENGTH

12	ft
3600	mm



It is essential to follow the recommended instructions on the fence for the correct function. All WEIGHTS may be exceeded by no more than 25% of the relevant maximum weight as specified above. There are NO MINIMUM WEIGHTS.

For your own safety and that of others please note the following step by step advice for correct preparation and installation. It is important that you follow your own health and safety requirements when constructing this kit.

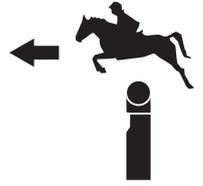
**Ensure that you have all parts of the Post & Rail Narrow Kit.  
Be aware of the risk of injury when handling heavy rails, posts and the tools for mounting.**

**WARNING!**

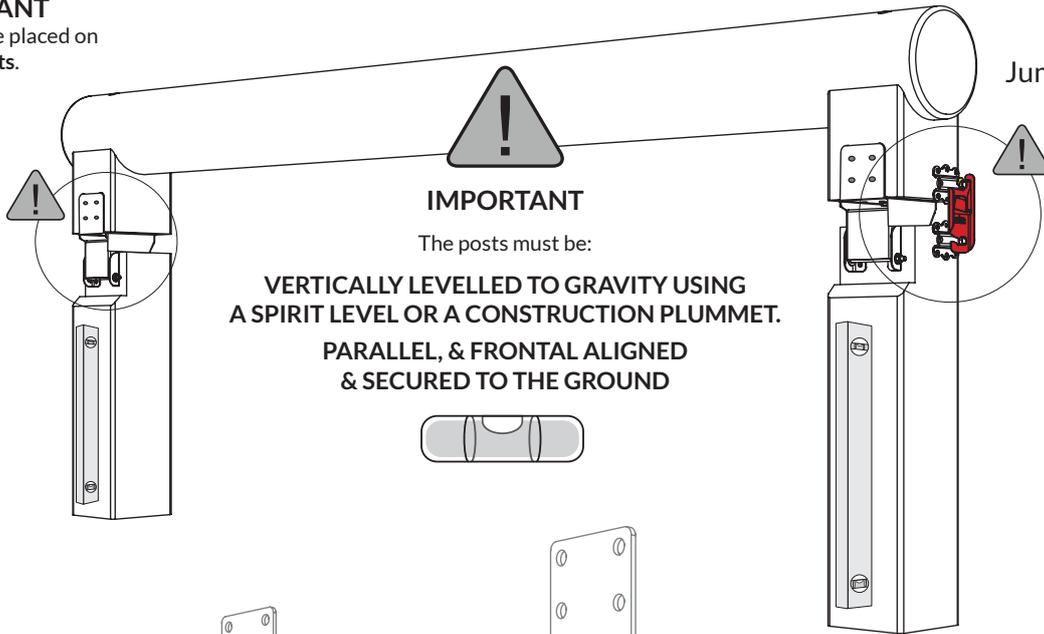


**IMPORTANT**

The clips must be placed on **ALL** posts.



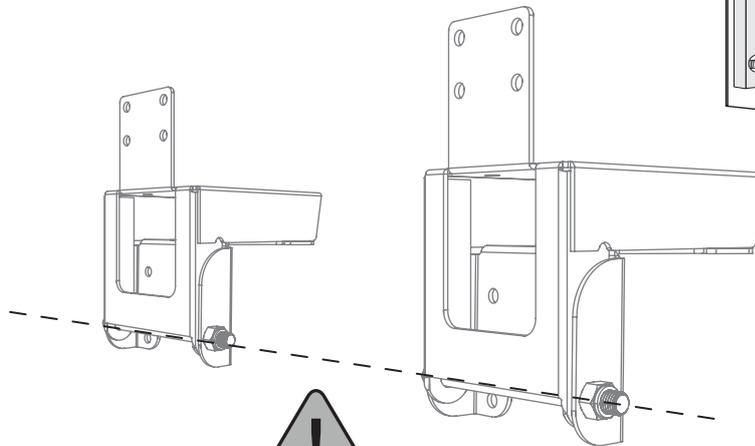
Jumping direction



**IMPORTANT**

The posts must be:

**VERTICALLY LEVELLED TO GRAVITY USING A SPIRIT LEVEL OR A CONSTRUCTION PLUMMET. PARALLEL, & FRONTAL ALIGNED & SECURED TO THE GROUND**

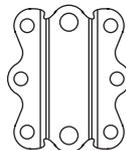
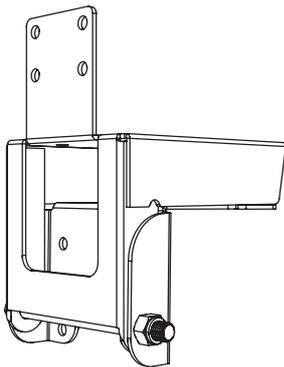


**IMPORTANT**

The hinges pivoting bolts must be:

**ALIGNED**

for the fence to operate properly.



order separately  
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<b>A</b>	00454	2x
	Part no	

<b>B</b>	F70A	4x
	Part no	

<b>D</b>	F18C	6x
	Part no	

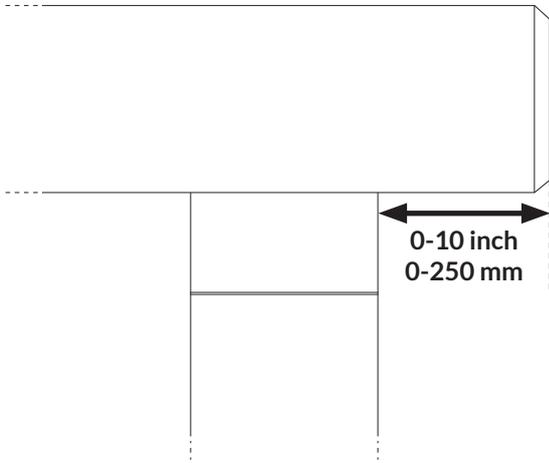
<b>C</b>	F18F	6x
	Part no	

M-TS10X90 4X 	POST TOP SECTION 2X  not included	POST BOTTOM SECTION 2X  not included	RAIL 1X  not included
--	---	--	--

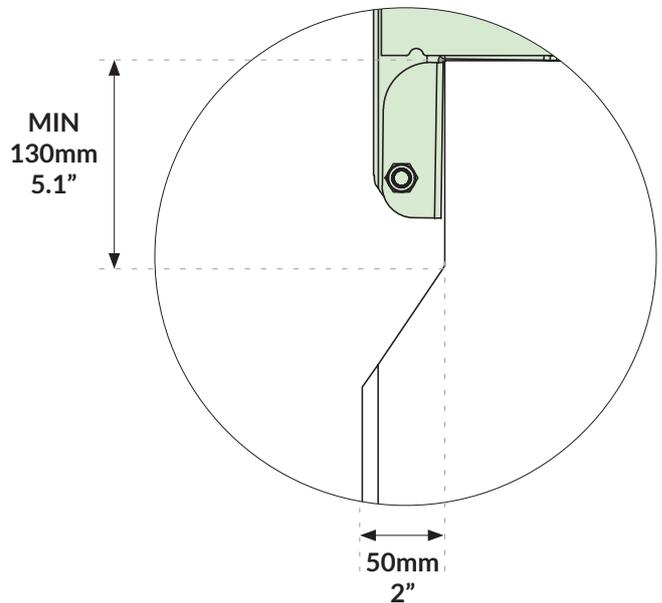
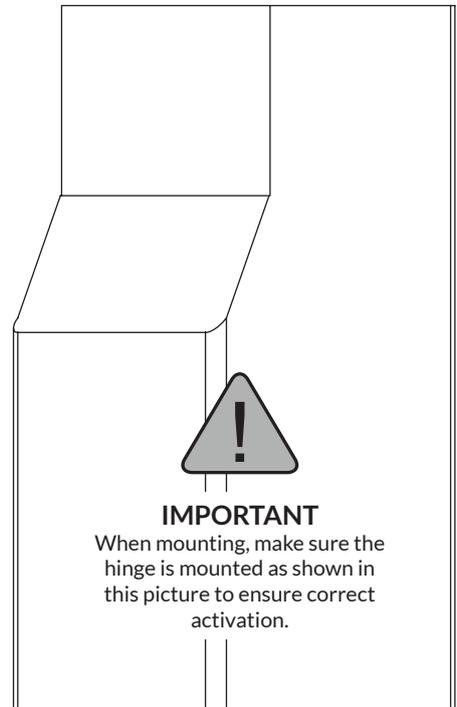
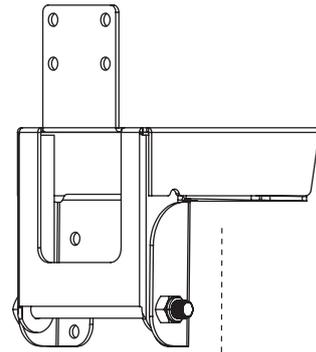
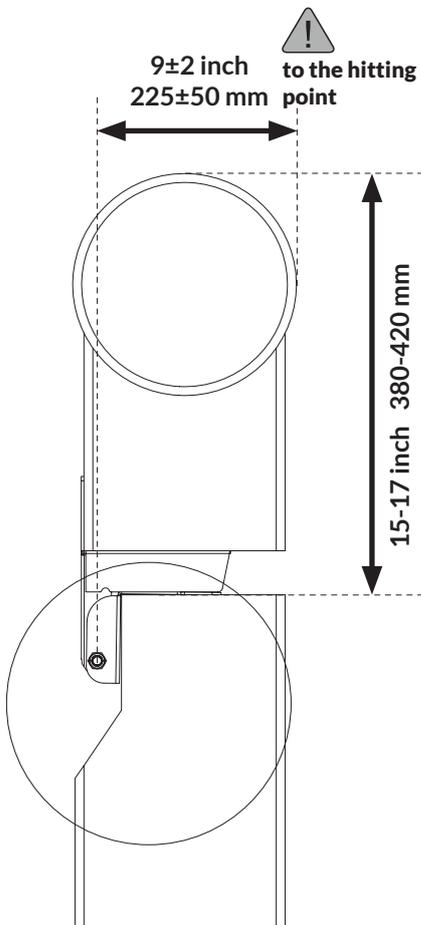
STEP  
**1a**

Square posts

**2X**

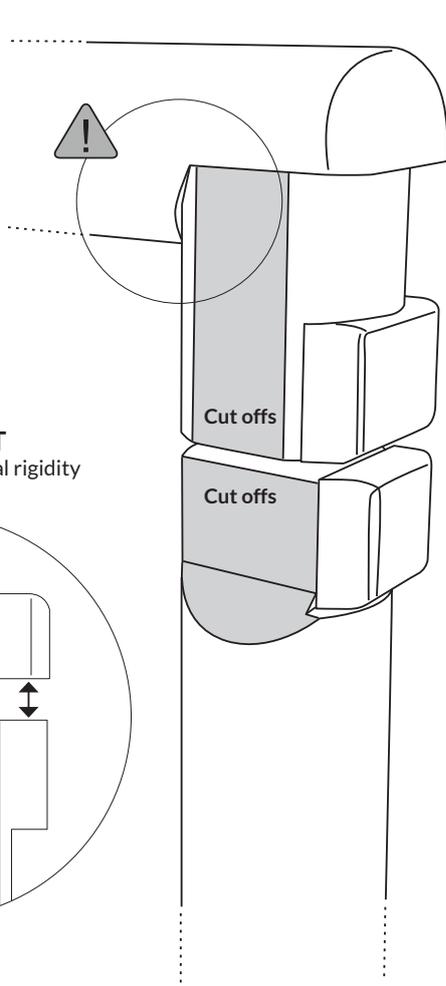


**IMPORTANT**  
Make sure you follow these measurements for correct fence release/function

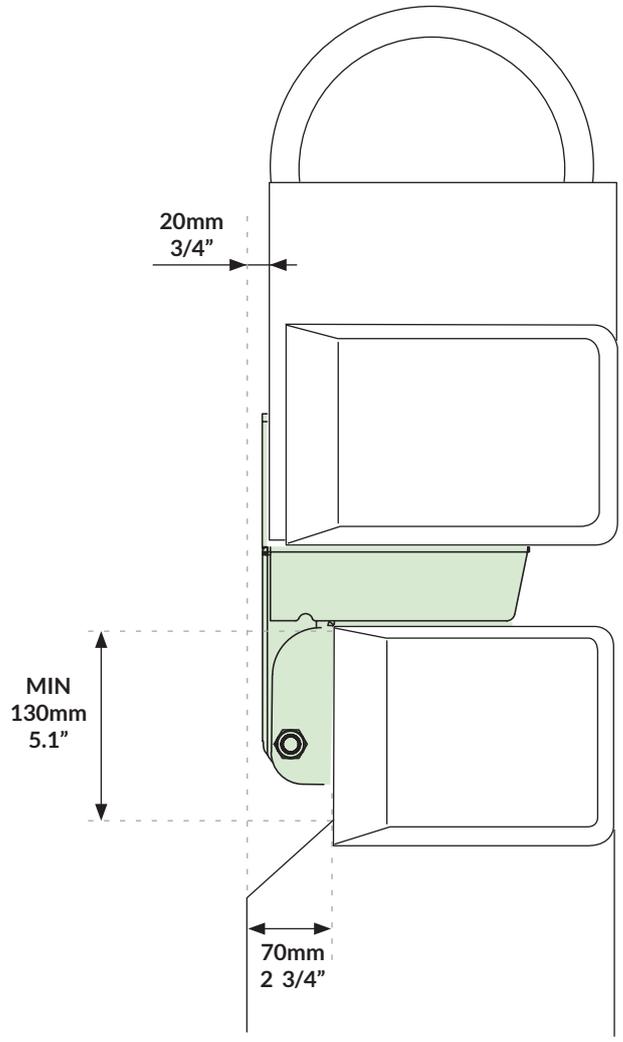
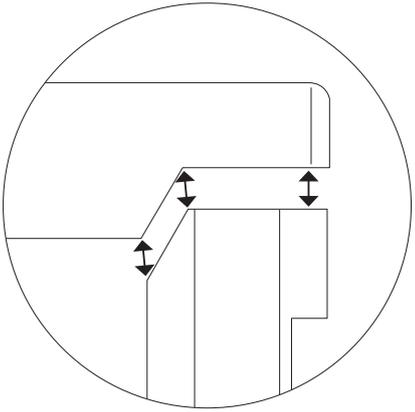


STEP  
**1b**

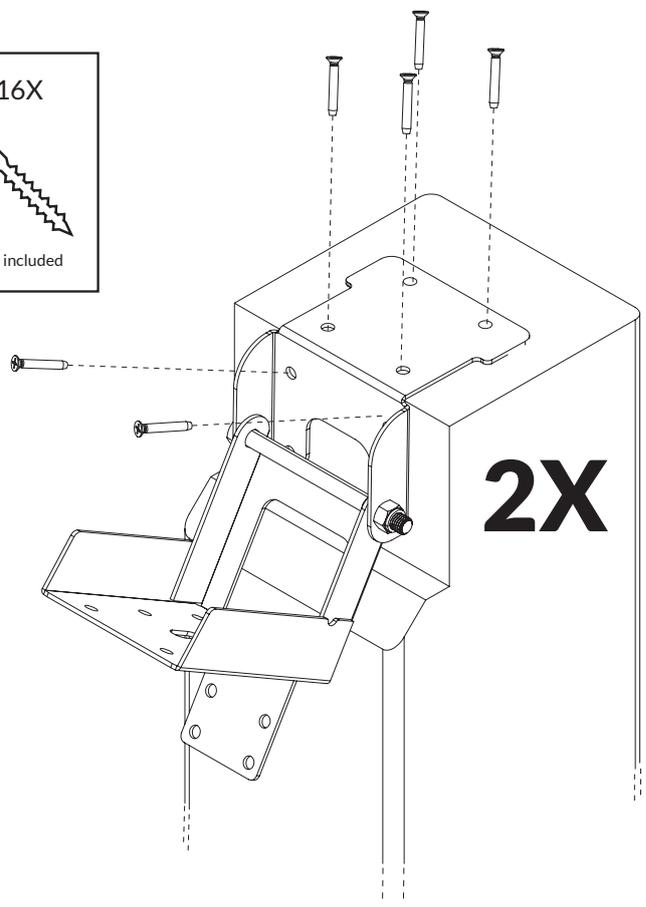
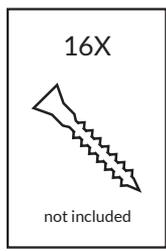
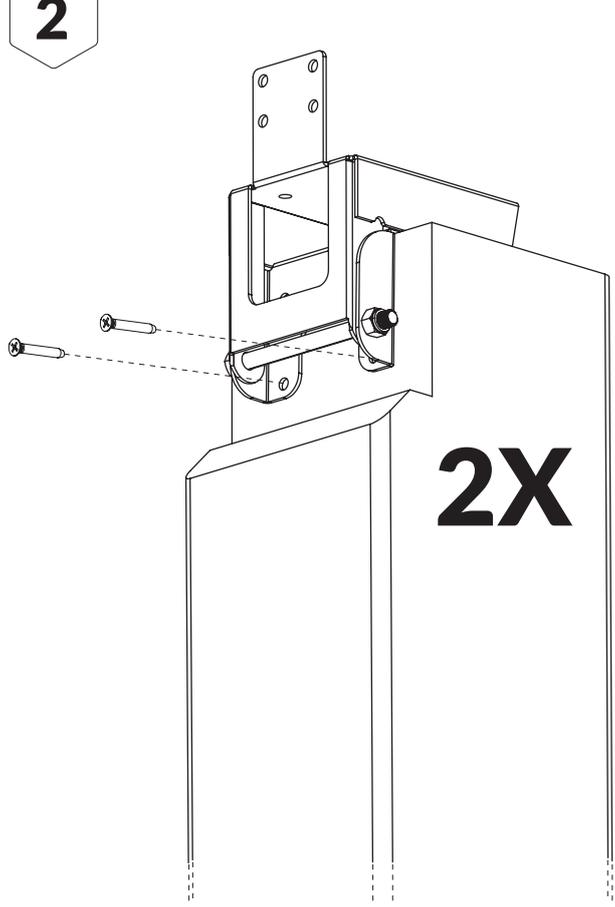
Round posts



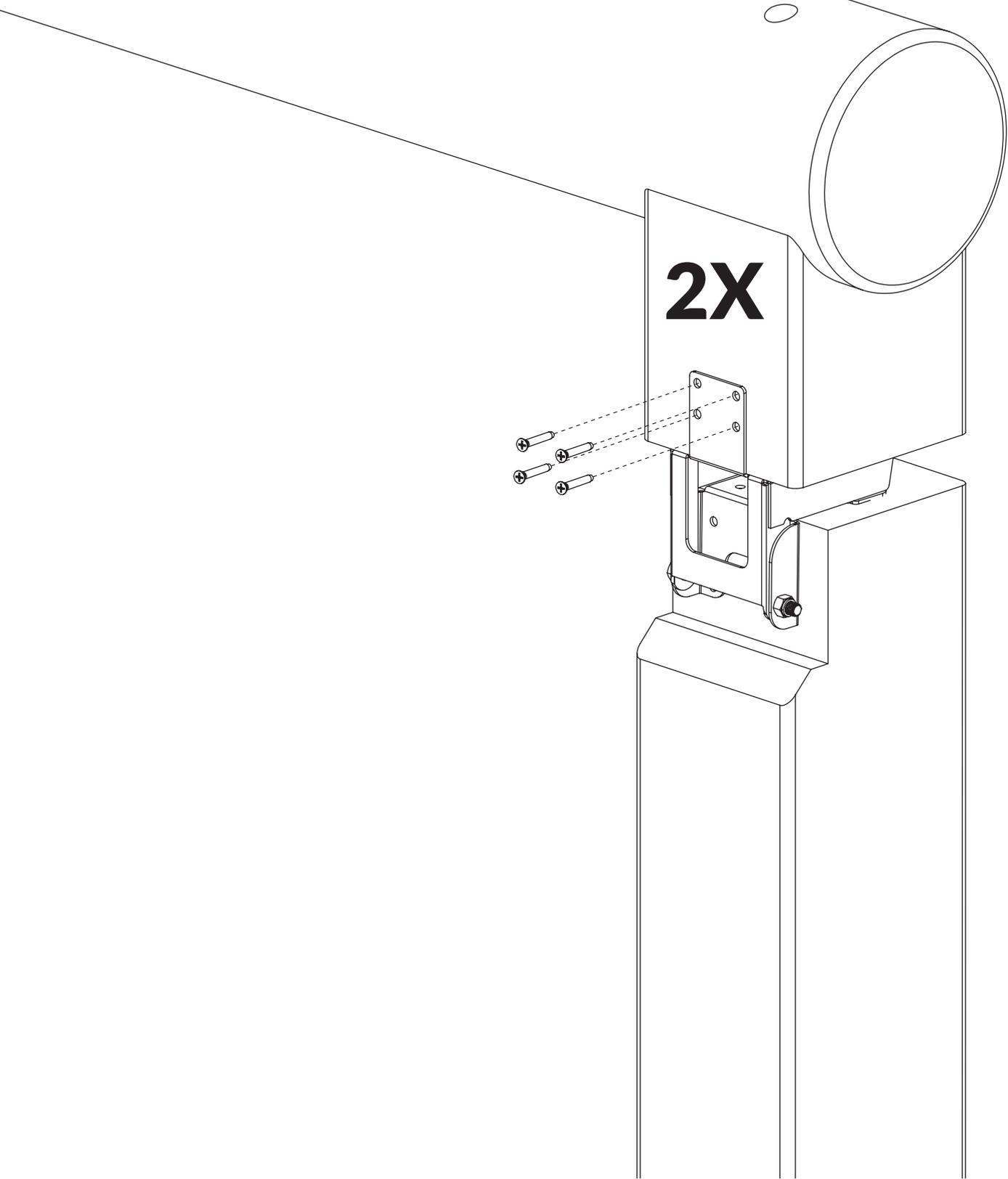
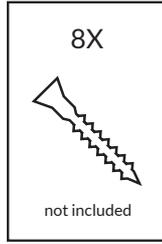
**IMPORTANT**  
Aligned cuts for torsional rigidity



STEP  
**2**



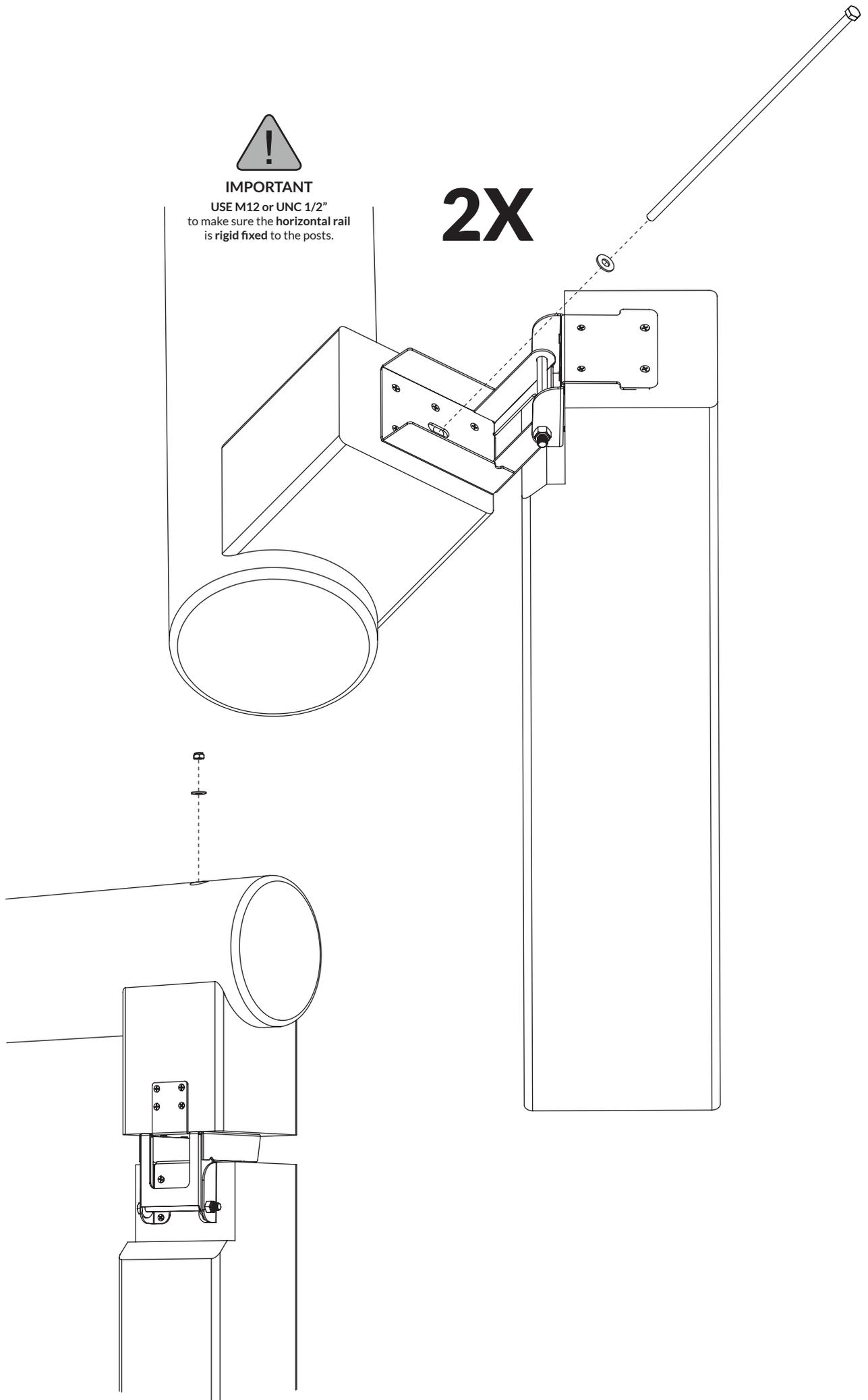
STEP  
**3**





**IMPORTANT**  
USE M12 or UNC 1/2"  
to make sure the horizontal rail  
is rigid fixed to the posts.

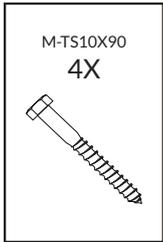
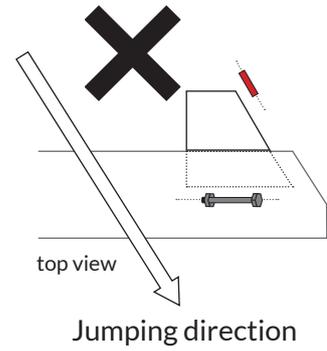
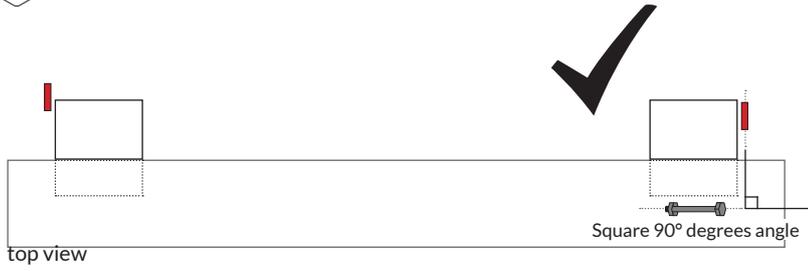
**2X**



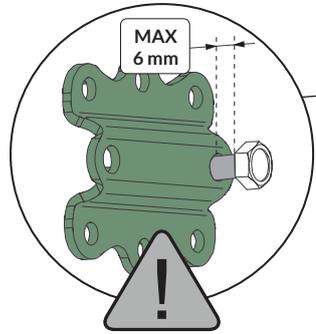
STEP  
**5**

CORRECT alignment of the clip

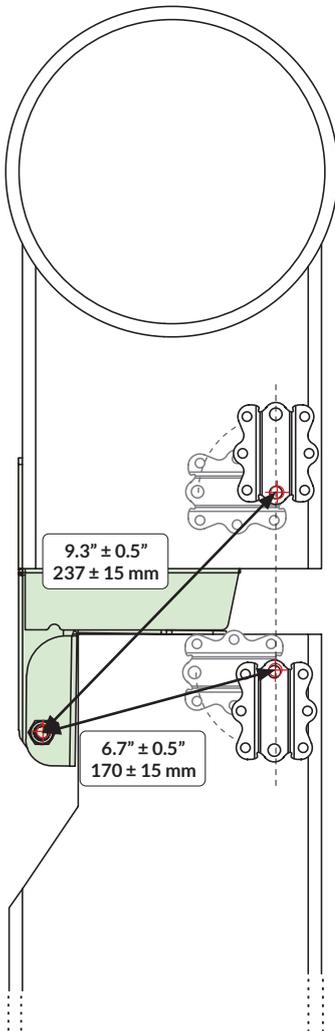
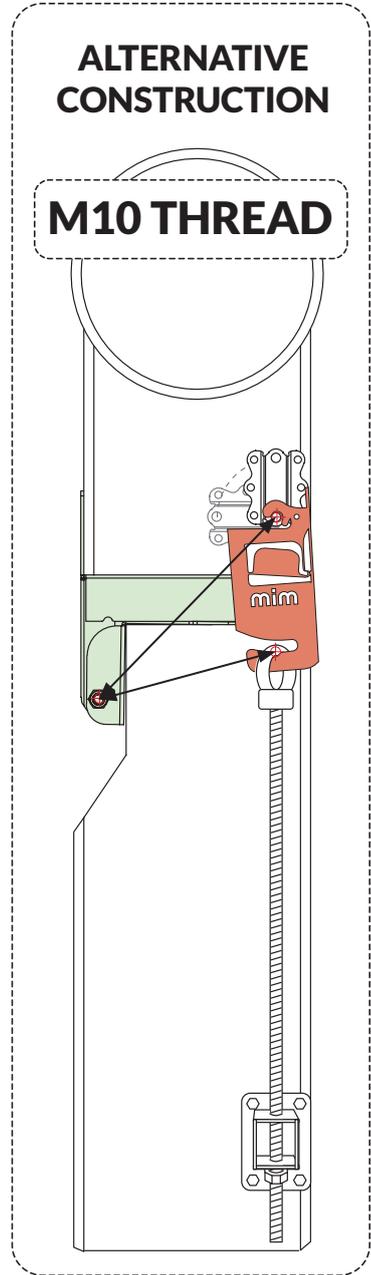
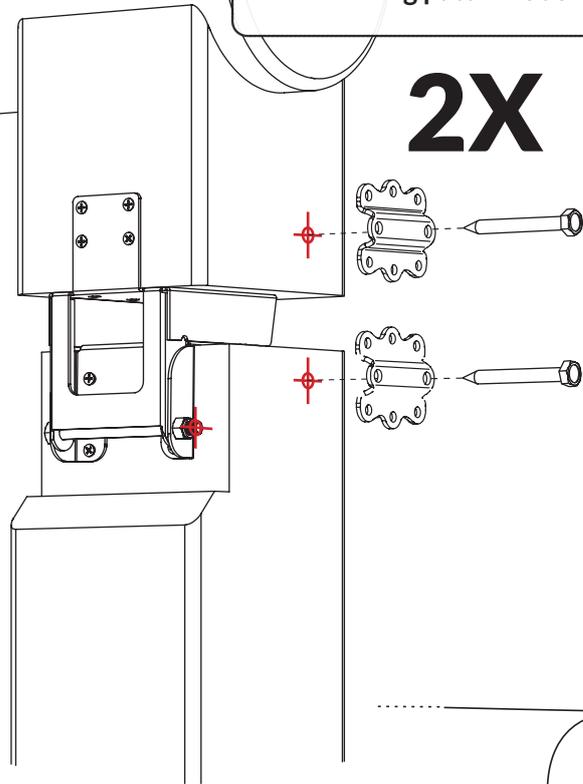
WRONG alignment of the clip



**!**  
**IMPORTANT**  
USE  
Drilling pattern 80326-DP

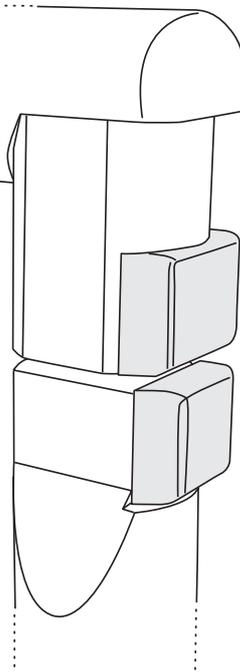


**2X**



**!**  
**IMPORTANT**

Add material to create a flat surface large enough for the clip holders to be placed correctly when round posts are used



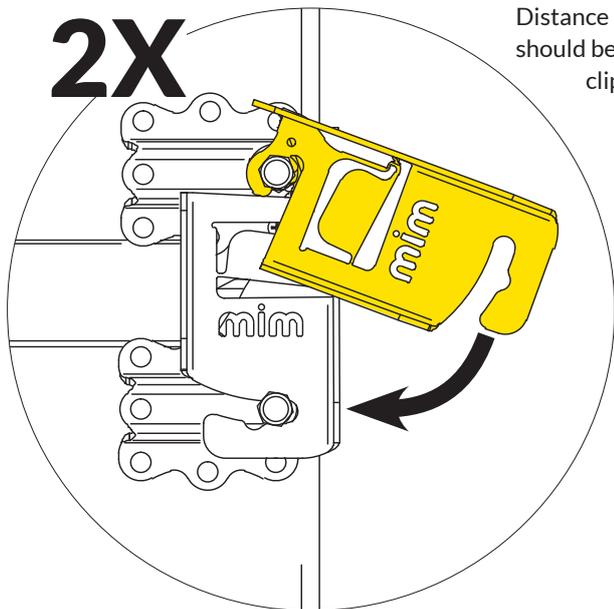
STEP  
**6**

### IMPORTANT



Distance between brackets  
should be adjusted to avoid  
clip C rattling.

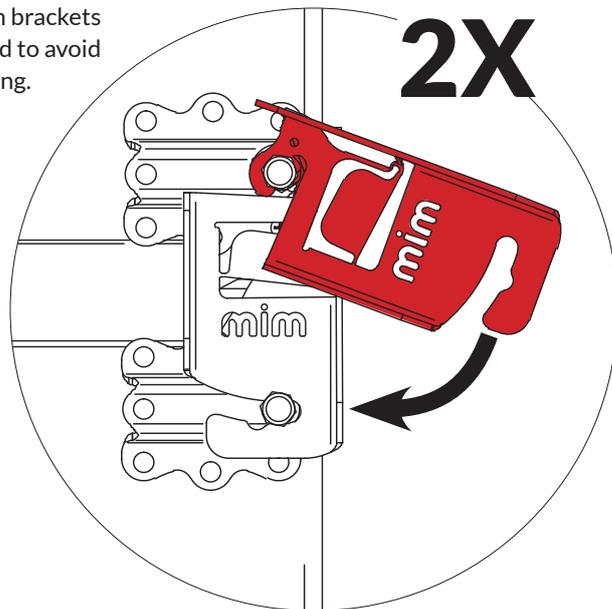
**2X**



POSITIONING OF CLIP FOR  
**ANGLED JUMP**

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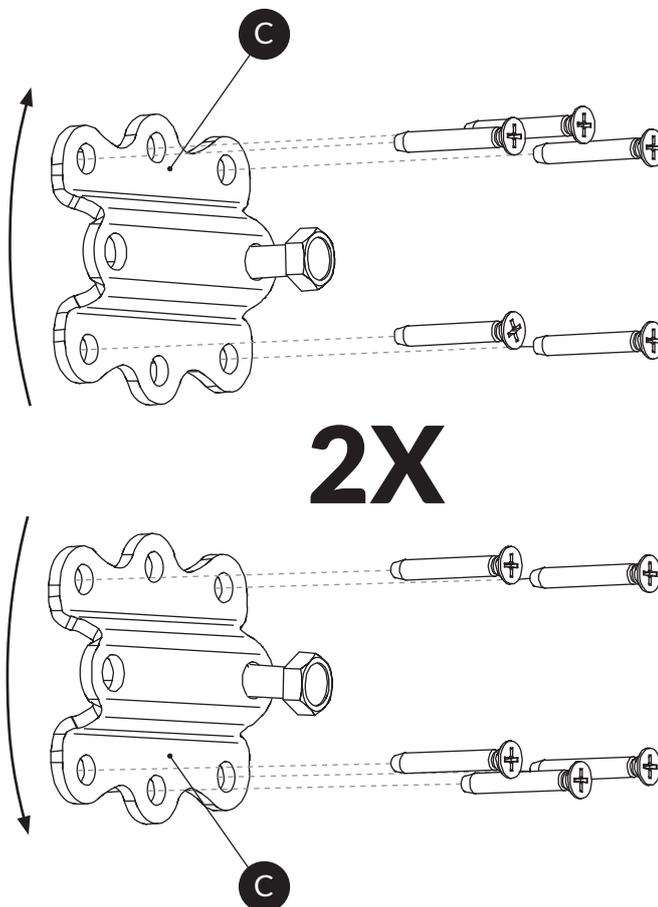
**2X**



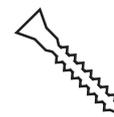
POSITIONING OF CLIP FOR  
**STRAIGHT JUMP**

STEP  
**7**

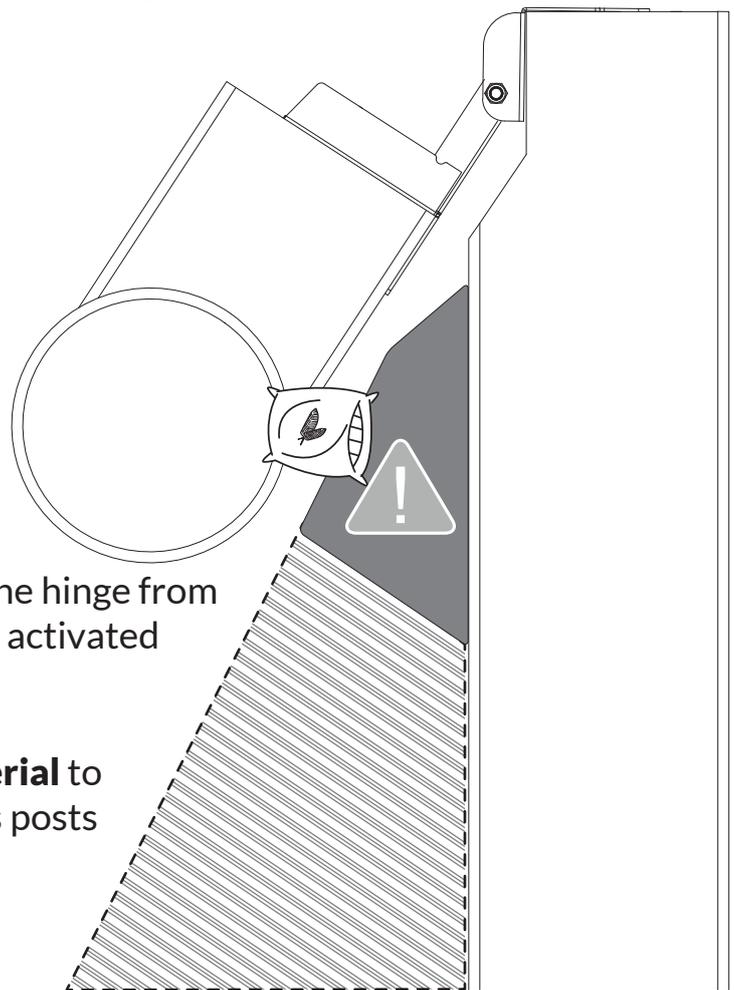
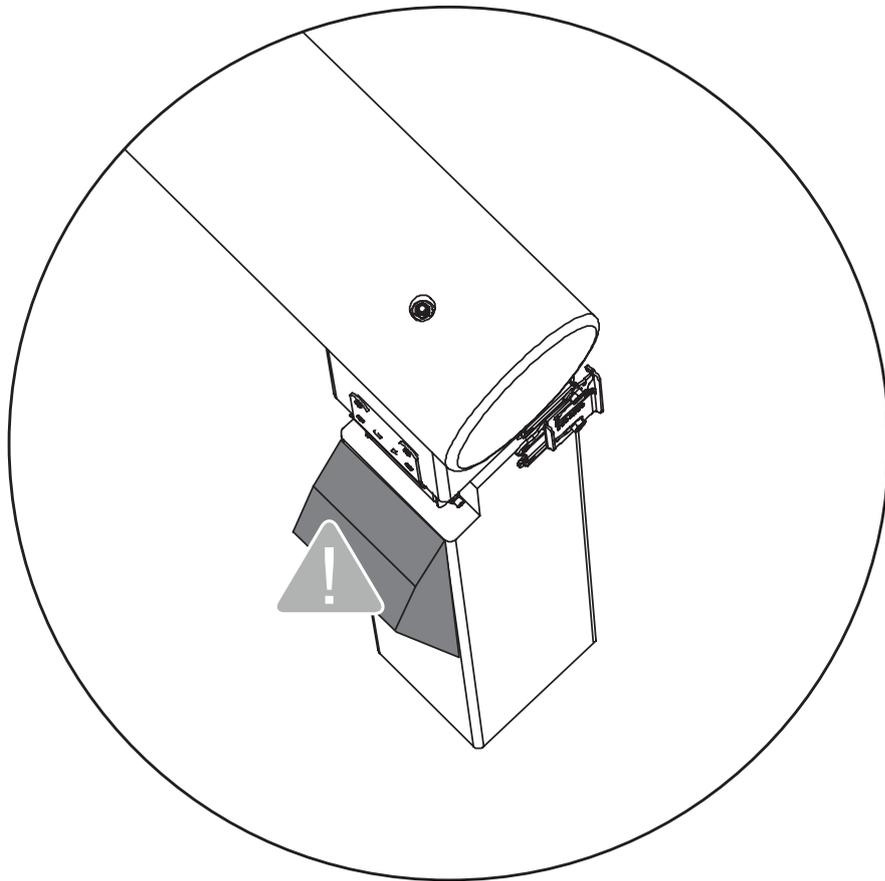
Rotate the pieces C  
around the bolt's position  
if necessary



20X



not included



**IMPORTANT**



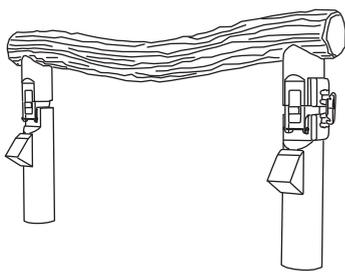
Add **stopping material** to avoid the hinge from hitting the fence's posts when activated

**OPTIONAL**

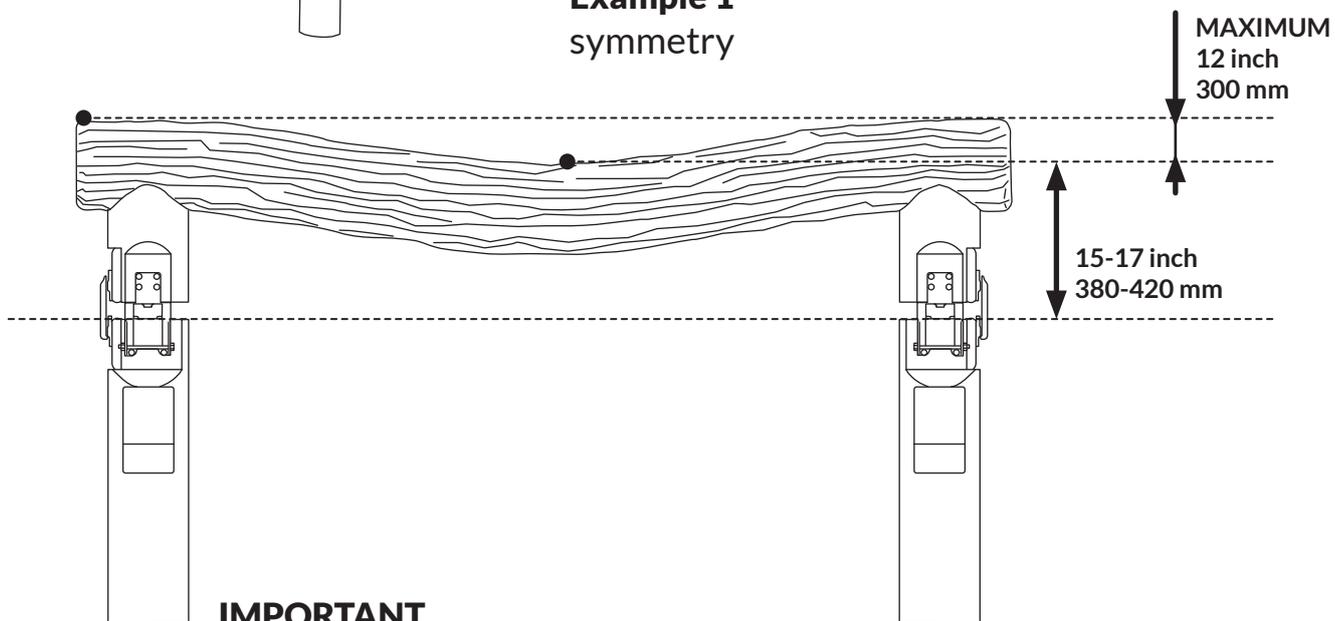
Extend the **stopping material** to add stability to the fence's posts

## OPTIONAL BUILDS WITH NATURAL RAILS

Ensure **the distance** shown in the illustrations below.



**Example 1**  
symmetry



**IMPORTANT**

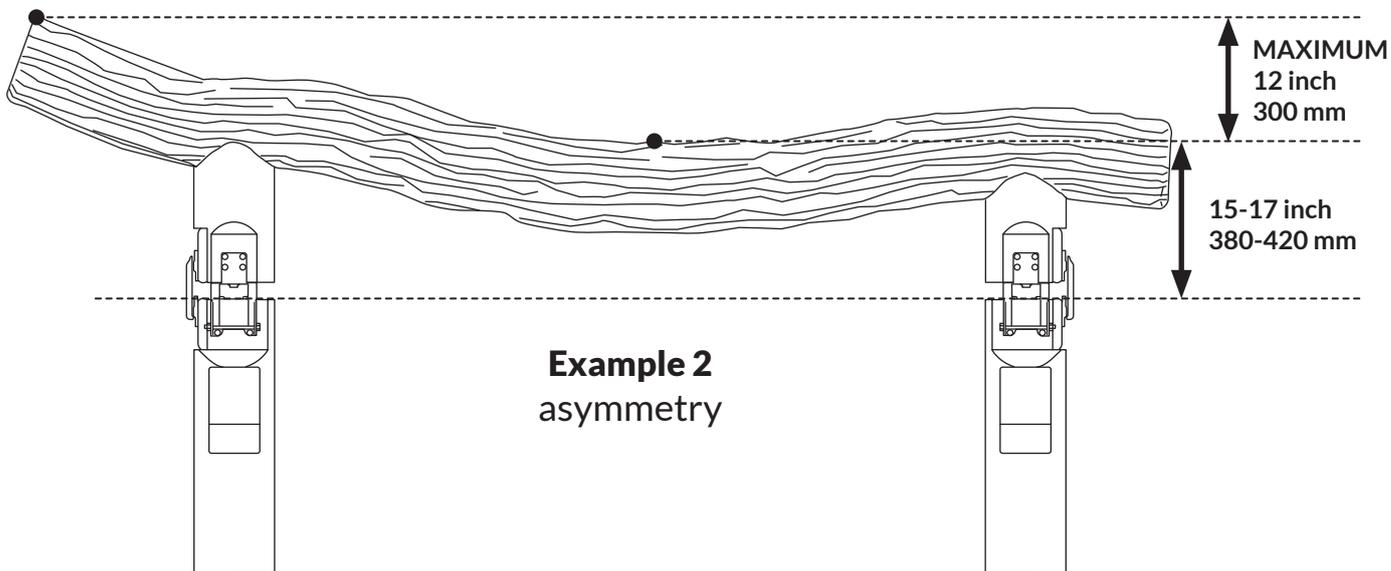
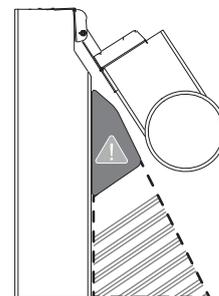


Please ensure that the distance between the hinge and the point at where the average horse will jump (OR the point at which the fence is designed to be jumped) fits within the acceptable range (15 - 17 Inch / 380 - 420 mm)

**IMPORTANT**



**Both sides** have to hit the stopping material at the same time

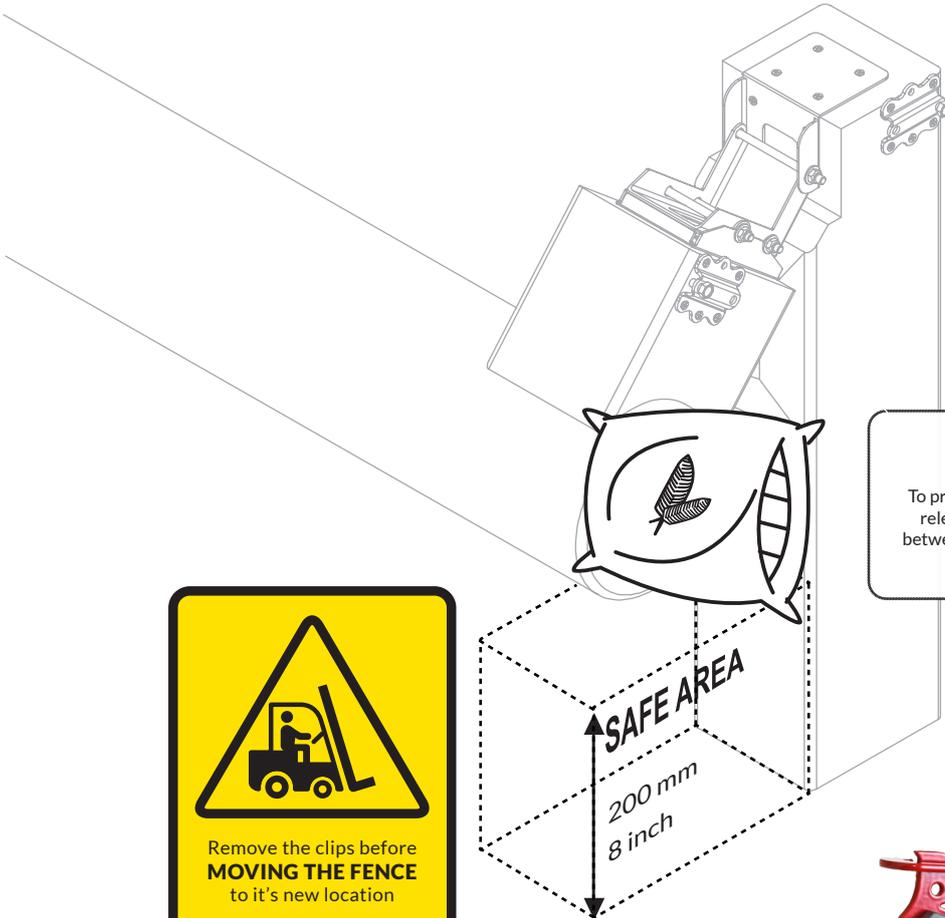


**Example 2**  
asymmetry



## IMPORTANT

When top section is released the distance between top section and ground should be **minimum 200 mm**.  
If distance between ground and top section is less, then place an object which will prevent the top section falling into the **SAFE AREA**



## WARNING

To protect the fence mechanism when released, put a dampening material between the safe area and the released part of the fence.



The flag is bent when fatigued.

### The advantages of the Post & Rail Narrow Kit

1. It has been produced with safety being the first and foremost important factor.
2. Reduces the possibility of rotational falls.
3. FEI approved number FEI12SWE.
4. Controlled movement of fence during release.
5. Reconstruction time is less than 30 seconds.
6. The parts are made of powder coated steel and can be left outside, no maintenance is required.
7. The very highest quality of product from Sweden ISO 9001.

### The advantages of the MIMclip

The MIMclip (F18C) breaks on impact. The flag is bent when the clip is exposed to fatigue. In both cases the clip must be replaced. The top section is connected to the post with a hinge that makes the fence easy to reconstruct. This saves time, guarantees fair and correct judging for riders and contributes to the overall safety of the sport.