

Post & Rail Narrow Kit - 80322

mimSAFE

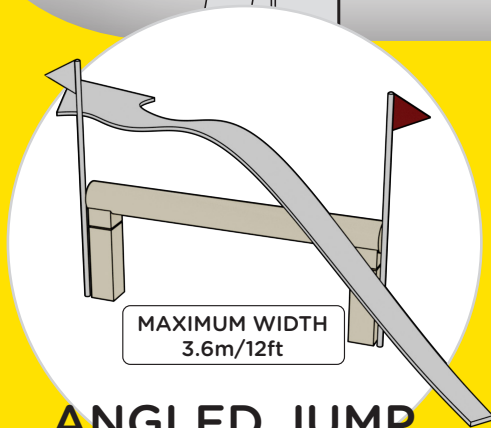
mimclip.mimsafe.com



This kit can be
used as a

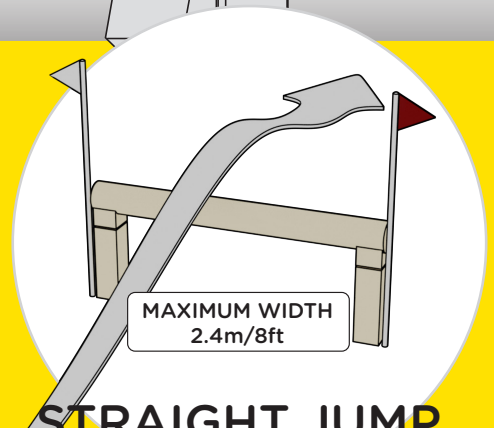
WALL FENCE

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



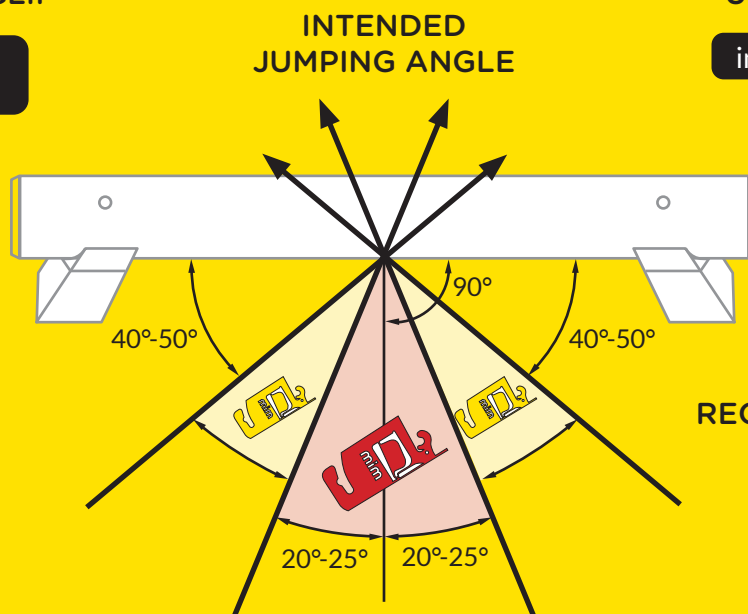
ANGLED JUMP USING YELLOW CLIP

order separately
kit nr.80328



STRAIGHT JUMP USING RED CLIP

included in this kit



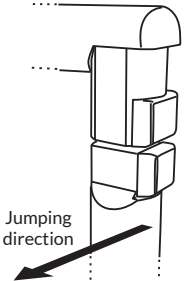
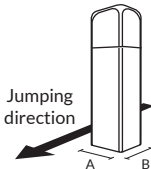
RECOMMENDED TOOL

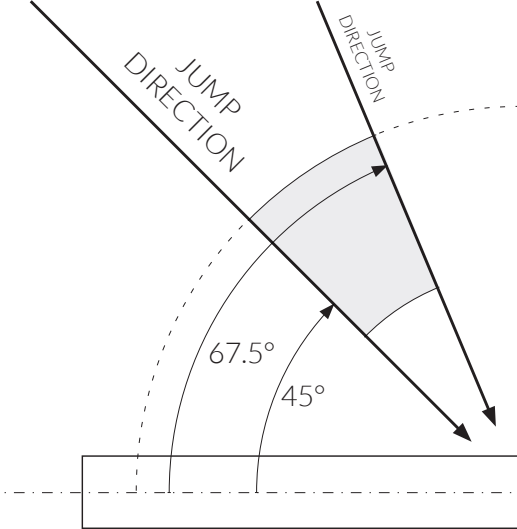


INFORMATION ABOUT THE POST & RAIL NARROW KIT

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 <table><tr><td>11</td><td>inch</td></tr><tr><td>275</td><td>mm</td></tr></table>	11	inch	275	mm	SQUARE POST  A: MAX SIZE <table><tr><td>8</td><td>inch</td></tr><tr><td>200</td><td>mm</td></tr></table> B: MAX SIZE <table><tr><td>9</td><td>inch</td></tr><tr><td>225</td><td>mm</td></tr></table>	8	inch	200	mm	9	inch	225	mm	TOP SECTION ANGLED JUMP  MAXIMUM WEIGHT <table><tr><td>240</td><td>lb</td></tr><tr><td>110</td><td>kg</td></tr><tr><td colspan="2">MAY ONLY BE EXCEEDED BY 25%</td></tr></table> MAXIMUM LENGTH <table><tr><td>12</td><td>ft</td></tr><tr><td>3600</td><td>mm</td></tr></table>	240	lb	110	kg	MAY ONLY BE EXCEEDED BY 25%		12	ft	3600	mm	TOP SECTION STRAIGHT JUMP  MAXIMUM WEIGHT <table><tr><td>240</td><td>lb</td></tr><tr><td>110</td><td>kg</td></tr><tr><td colspan="2">MAY ONLY BE EXCEEDED BY 25%</td></tr></table> MAXIMUM LENGTH <table><tr><td>8</td><td>ft</td></tr><tr><td>2400</td><td>mm</td></tr></table>	240	lb	110	kg	MAY ONLY BE EXCEEDED BY 25%		8	ft	2400	mm
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JUMP DIRECTION

JUMP DIRECTION

67.5°

45°

FENCE TOP SECTION

All the dimensions have been tested and are in concordance to the approved tests.

Angled fence tests have been performed with a jumping angle between 45 - 67.5 degrees.



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.

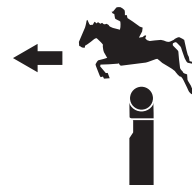
Ensure that you have all parts of the Post & Rail Narrow Kit.
Be aware of the risk of injury when handling heavy rails, posts and the tools for mounting.

WARNING!

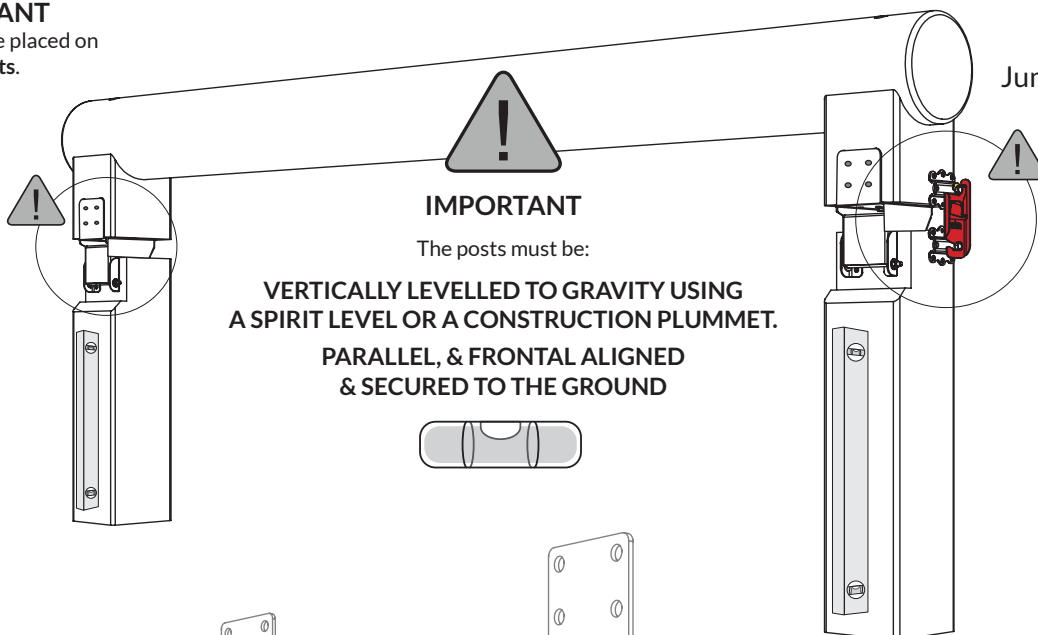


IMPORTANT

The clips must be placed on
ALL posts.



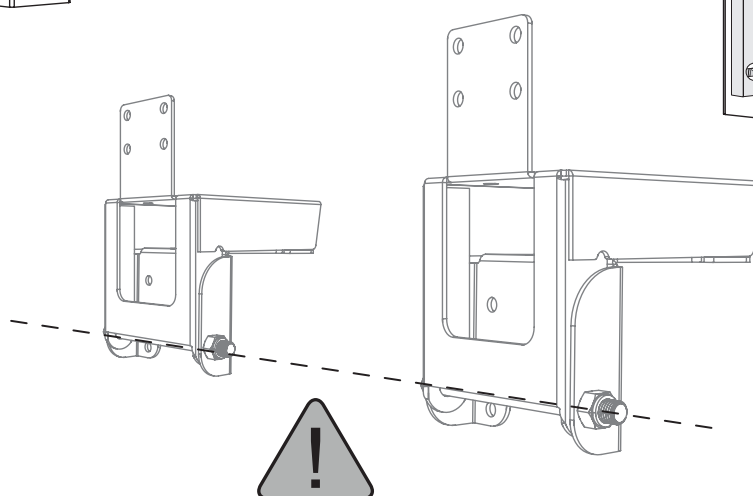
Jumping direction



IMPORTANT

The posts must be:

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

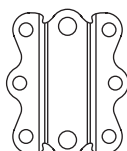
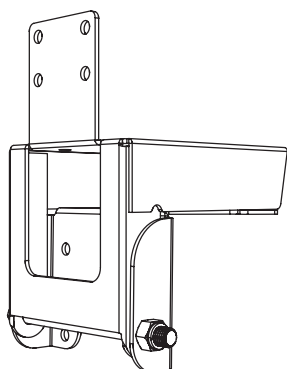


IMPORTANT

The hinges pivoting bolts must be:

ALIGNED

for the fence to operate properly.



order separately
kit nr.80328

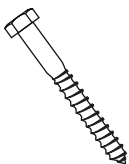


A	00454	2x
	Part no	

B	F70A	4x
	Part no	

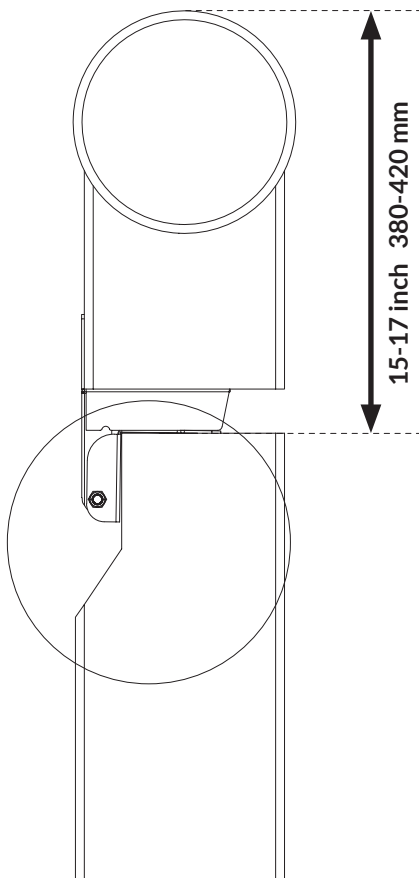
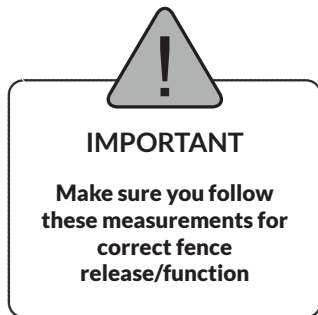
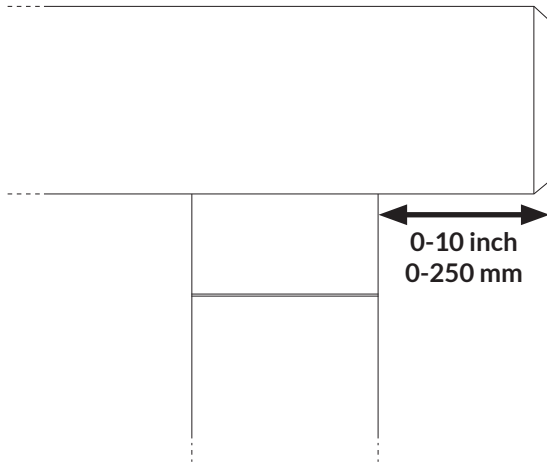
D	F18C	6x
	Part no	

C	F18F	6x
	Part no	

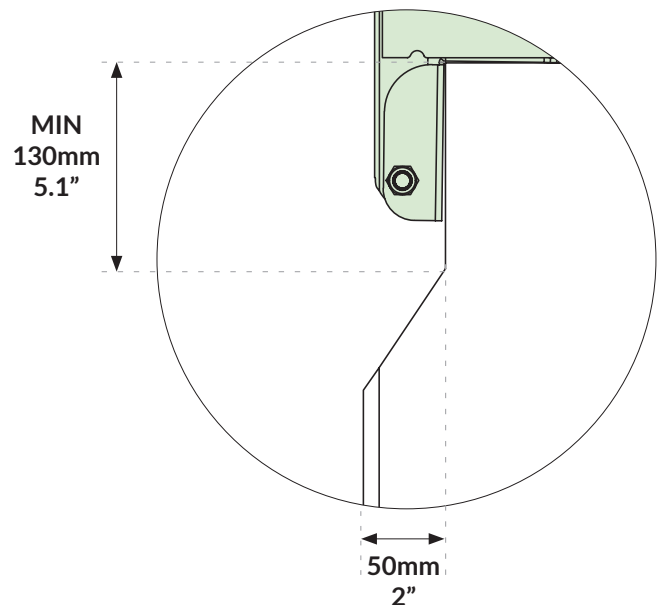
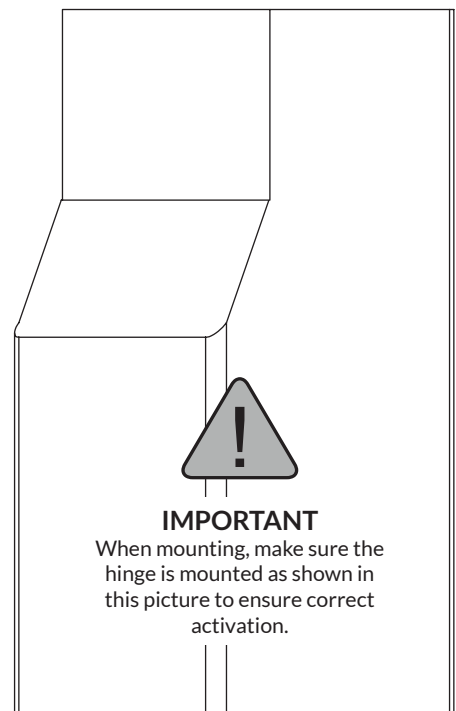
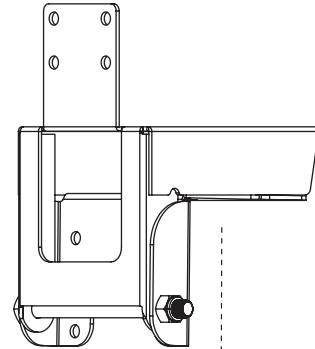
M-TS10X90 4X 	POST TOP SECTION 2X  not included	POST BOTTOM SECTION 2X  not included	RAIL 1X  not included
--	--	---	--

STEP
1a

Square posts

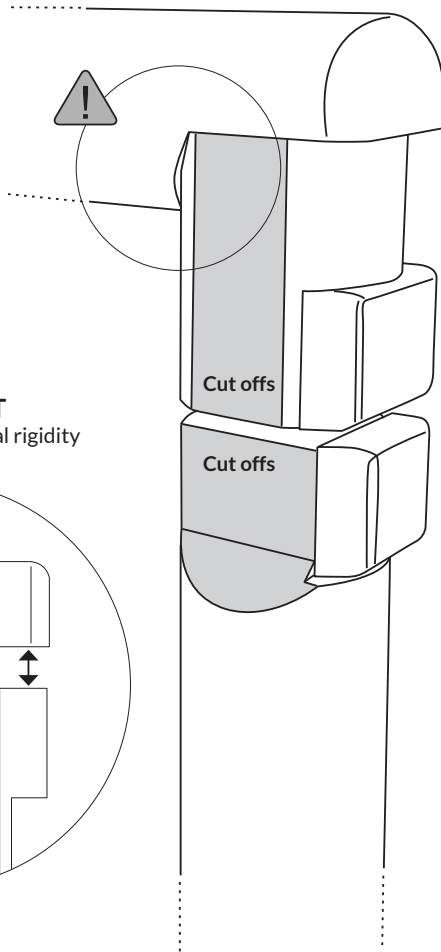


2X

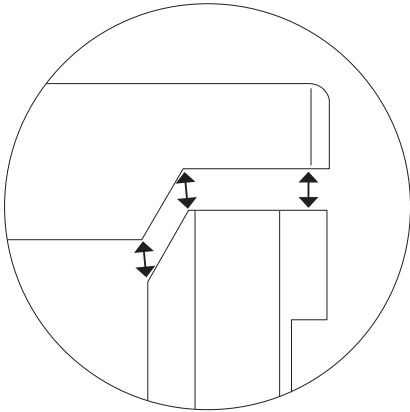


STEP
1b

Round posts



IMPORTANT
Aligned cuts for torsional rigidity

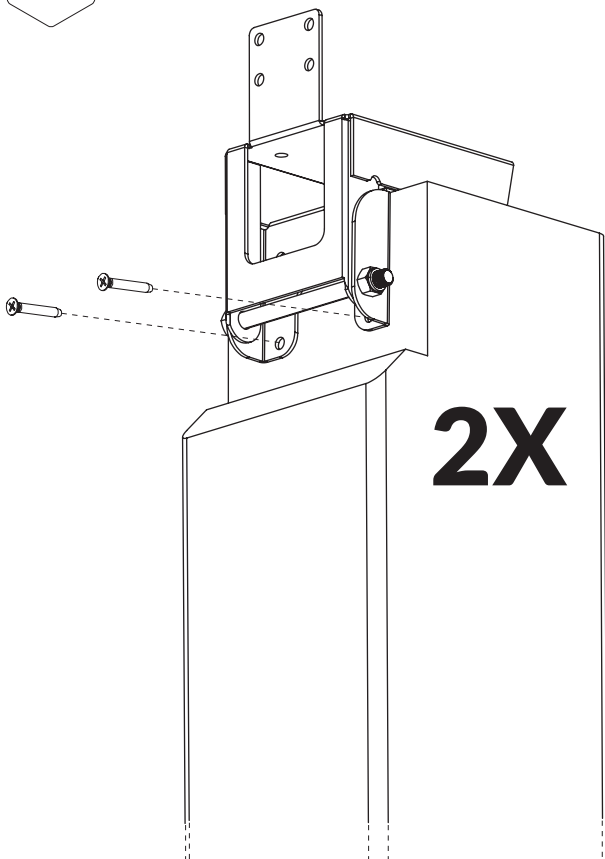


MIN
130mm
5.1"

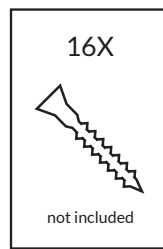
20mm
3/4"

70mm
2 3/4"

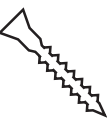
STEP
2



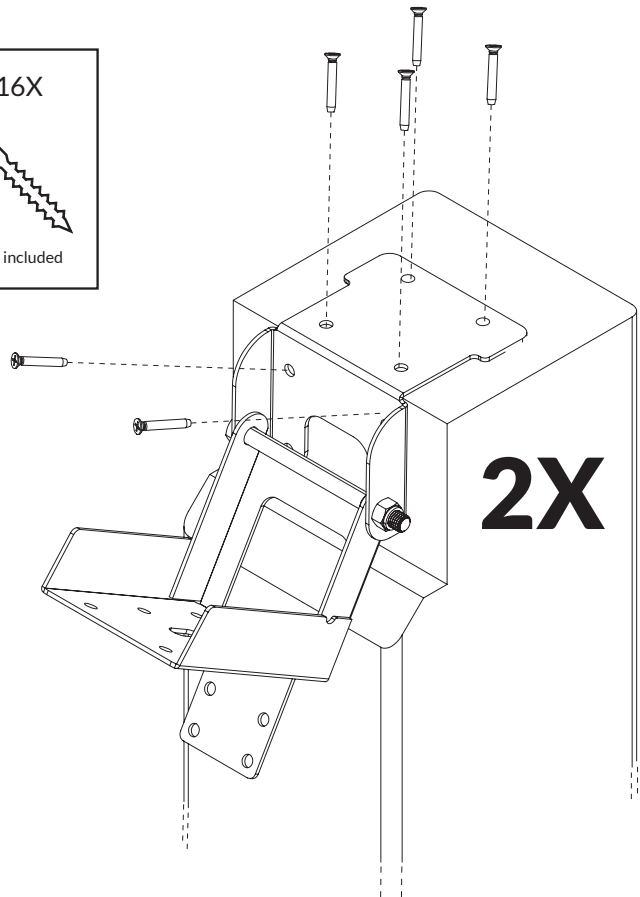
2X



16X

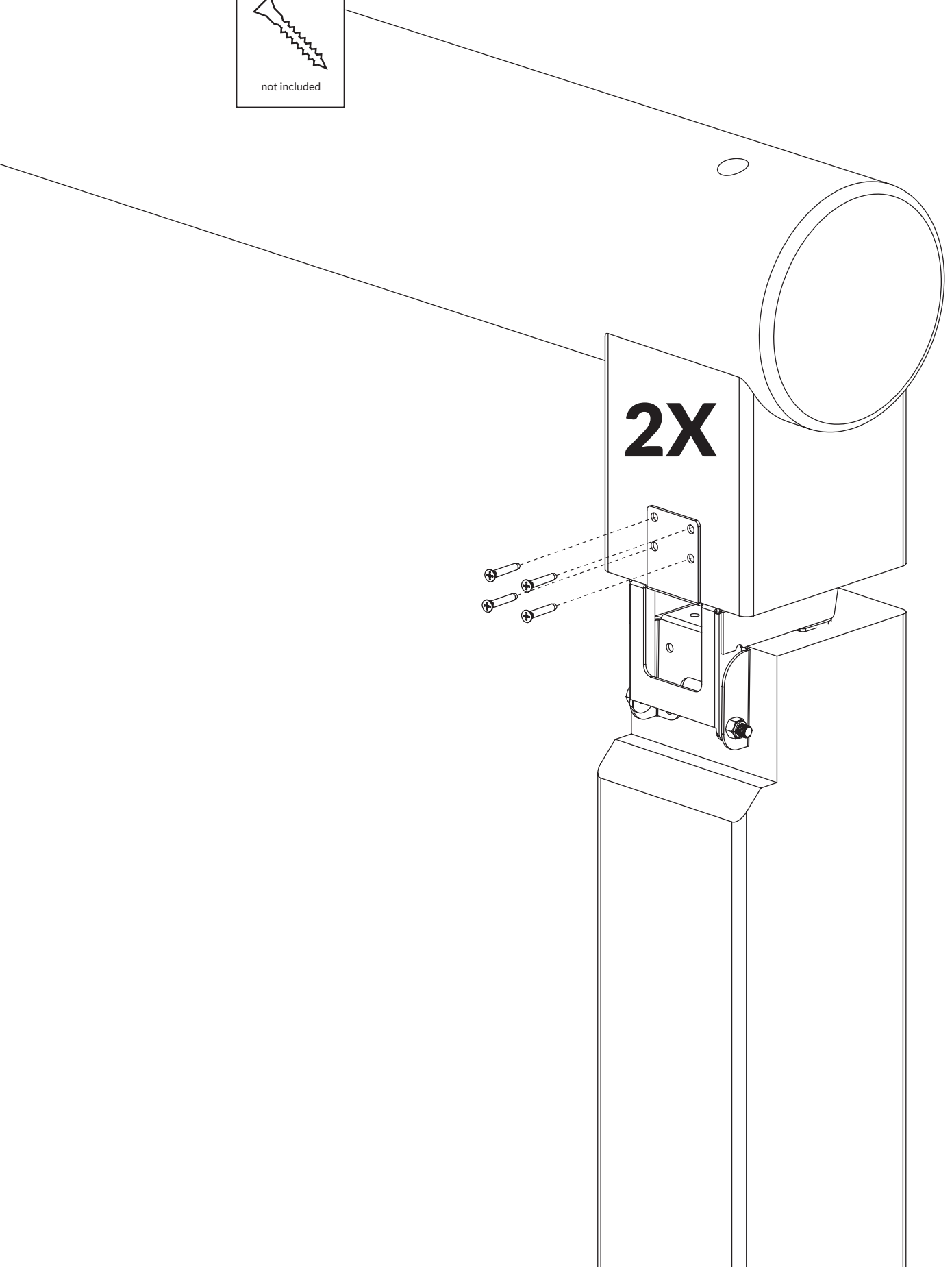
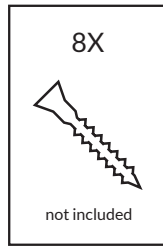


not included



2X

STEP
3

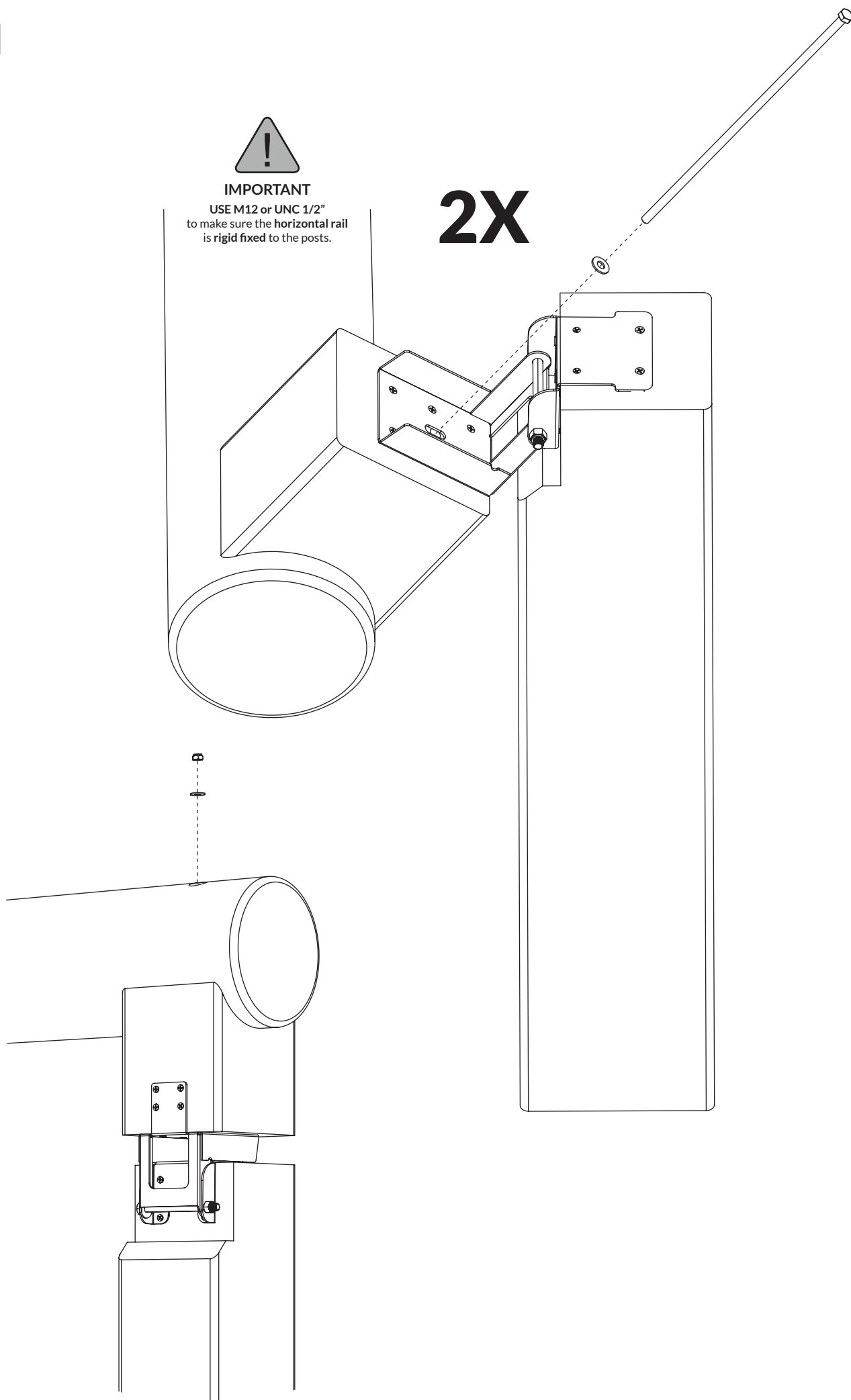




IMPORTANT

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

2X

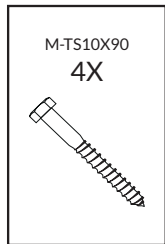
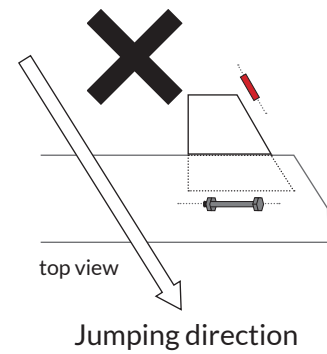


STEP
5

CORRECT alignment of the clip



WRONG alignment of the clip

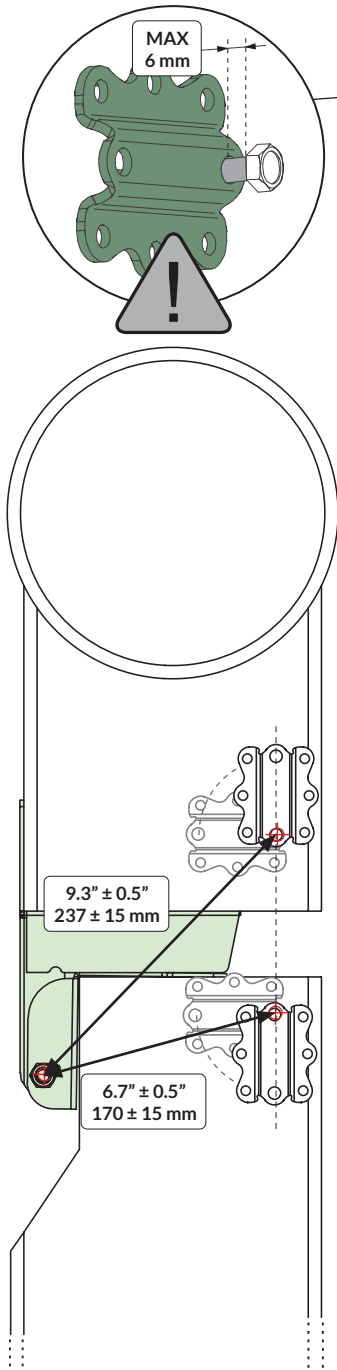


IMPORTANT
USE
Drilling pattern 80326-DP

2X

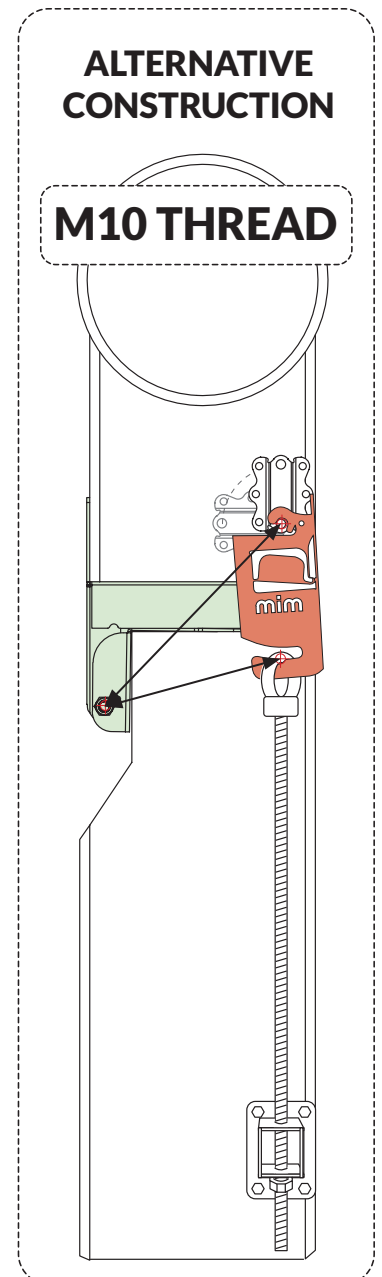
**ALTERNATIVE
CONSTRUCTION**

M10 THREAD



IMPORTANT

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



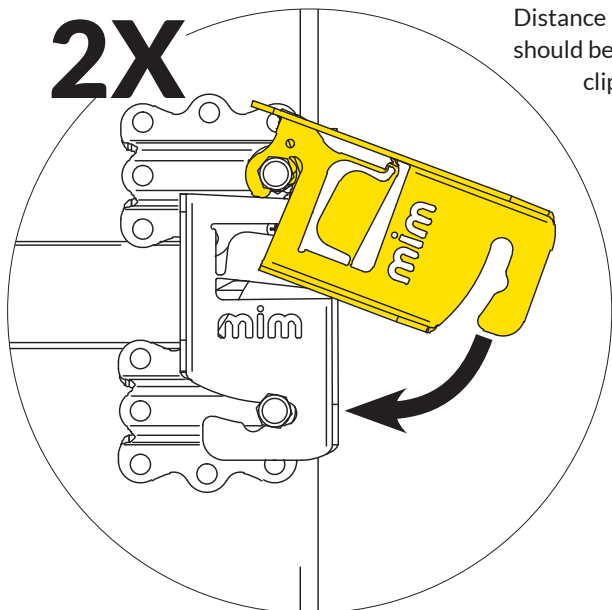
STEP
6

IMPORTANT



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

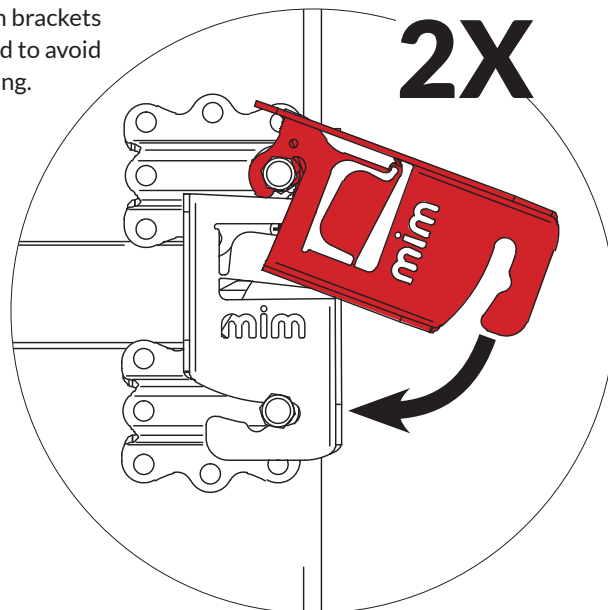
2X



POSITIONING OF CLIP FOR
ANGLED JUMP

order separately
kit nr.80328

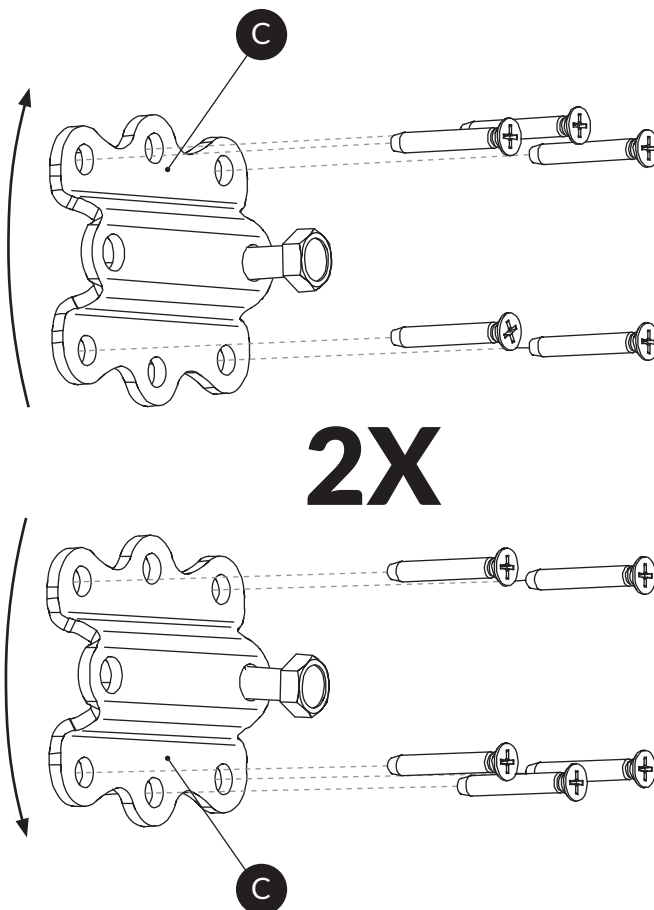
2X



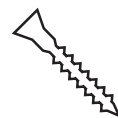
POSITIONING OF CLIP FOR
STRAIGHT JUMP

STEP
7

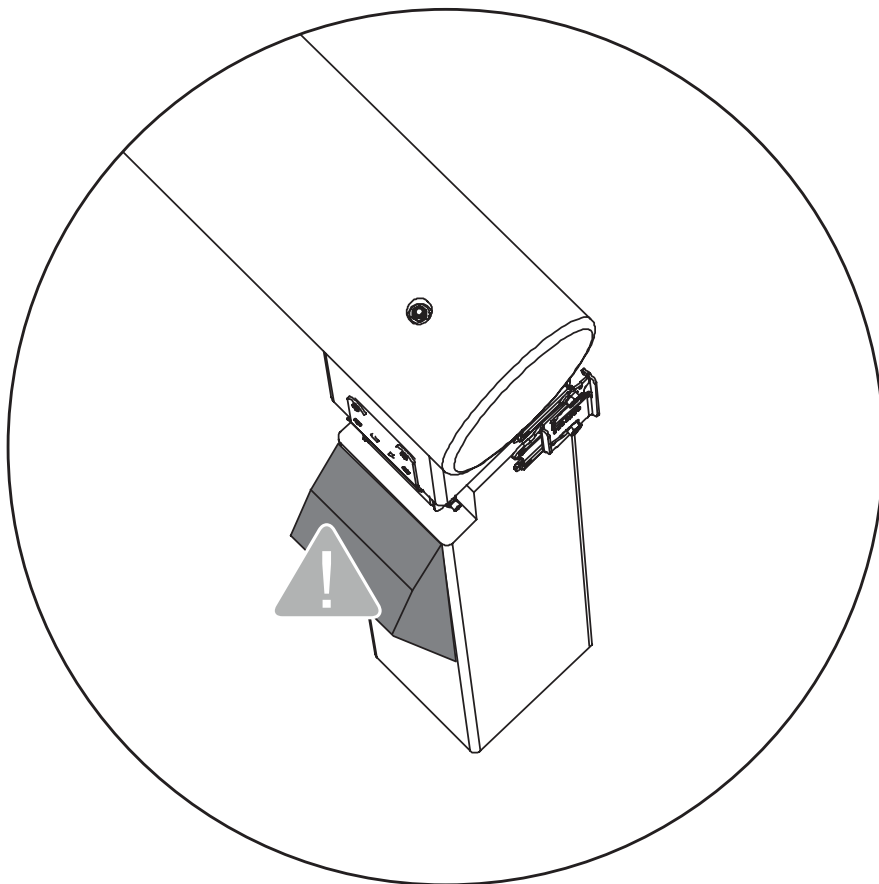
Rotate the pieces C
around the bolt's position
if necessary



20X



not included



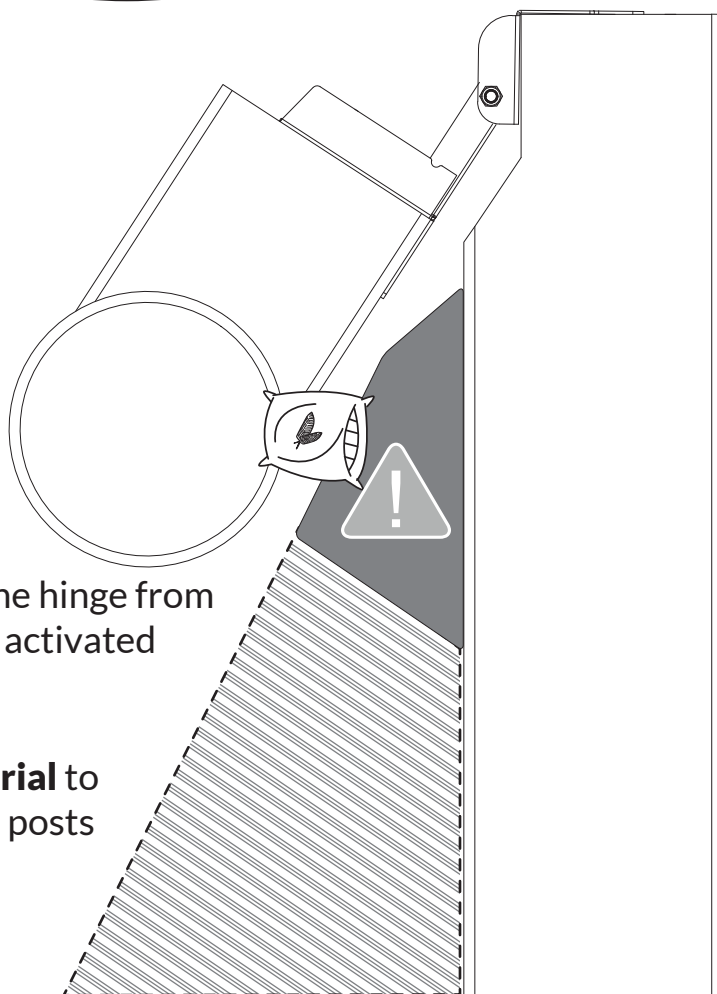
IMPORTANT



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

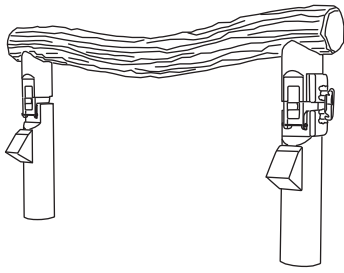
OPTIONAL

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

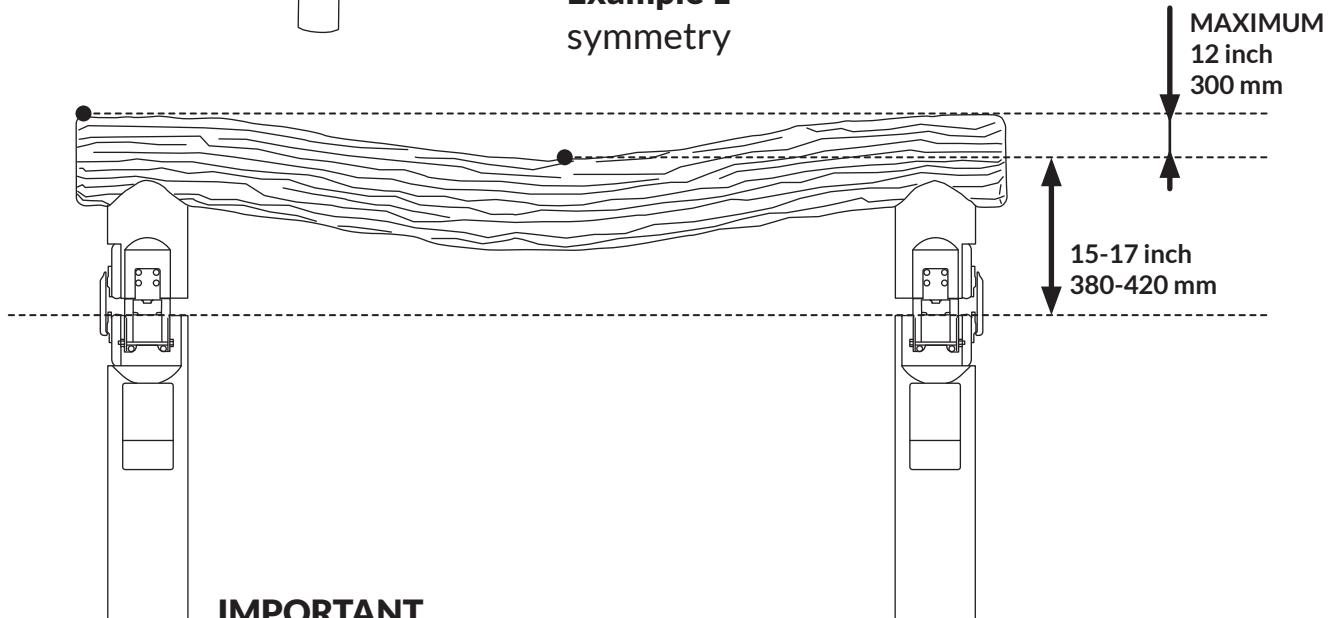


OPTIONAL BUILDS WITH NATURAL RAILS

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



Example 1
symmetry



IMPORTANT

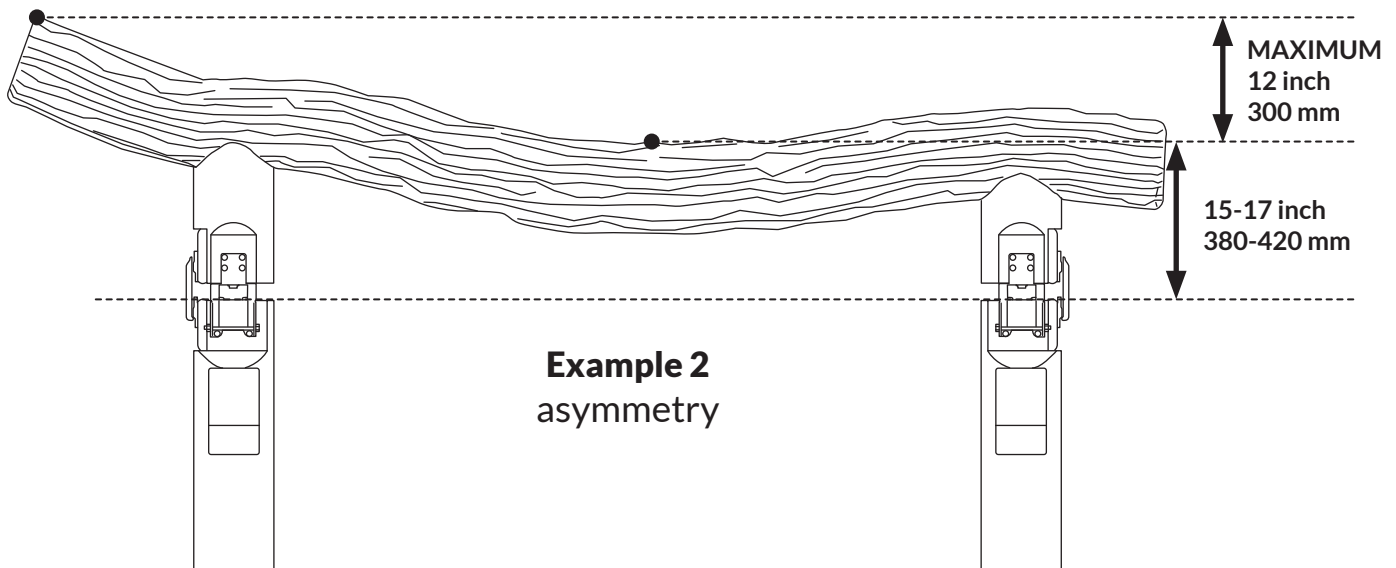
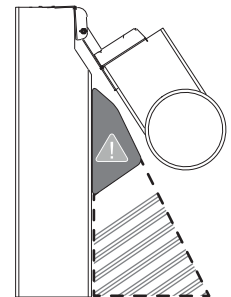


Please ensure that the distance between the hinge and the point at where the average horse will jump (OR the point at which the fence is designed to be jumped) fits within the acceptable range (15 – 17 Inch / 380 – 420 mm)

IMPORTANT



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

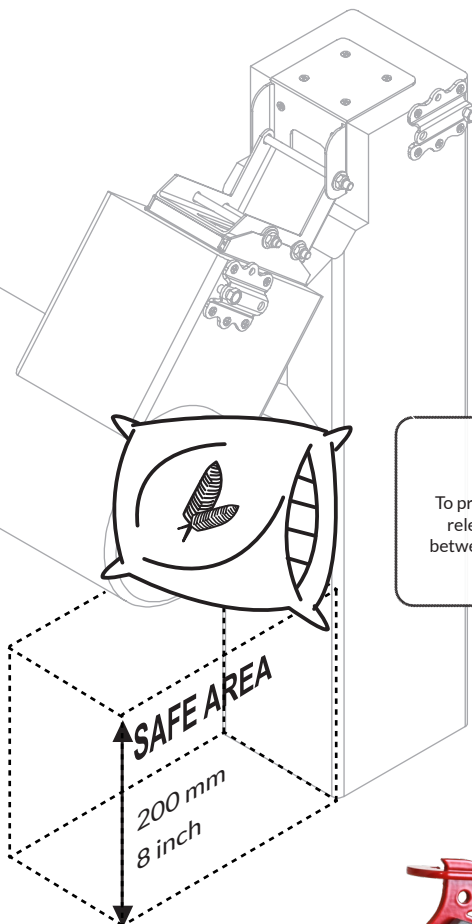


Example 2
asymmetry



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.