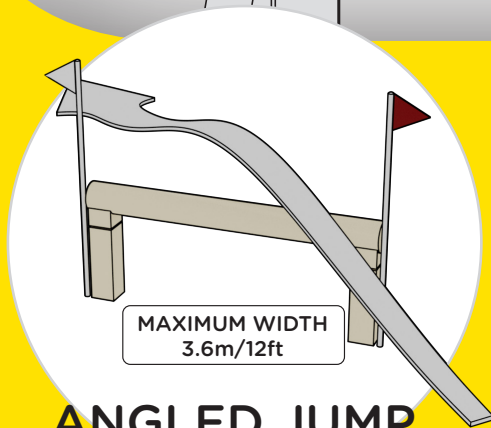
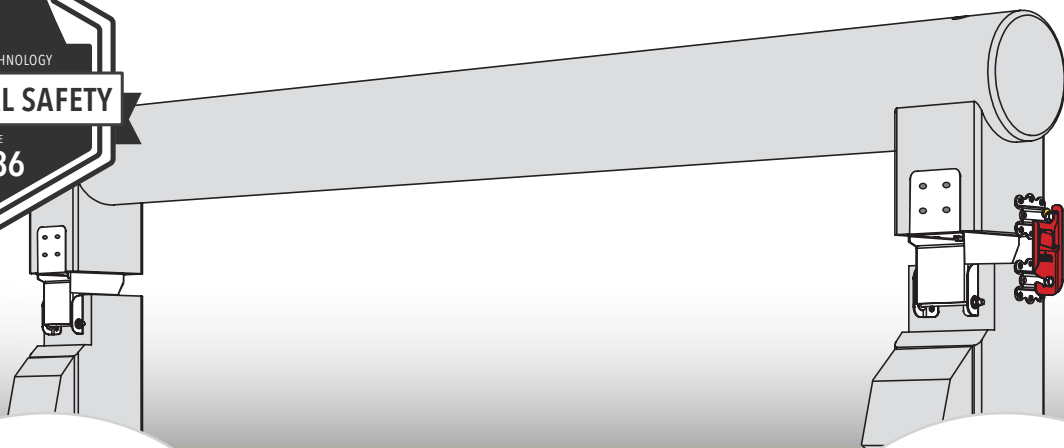


# Post & Rail Narrow Kit - 80322

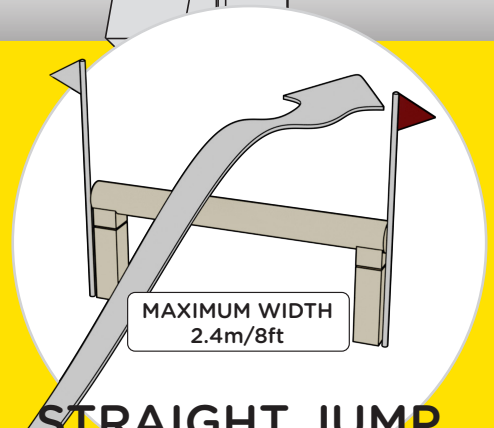
# mimSAFE

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



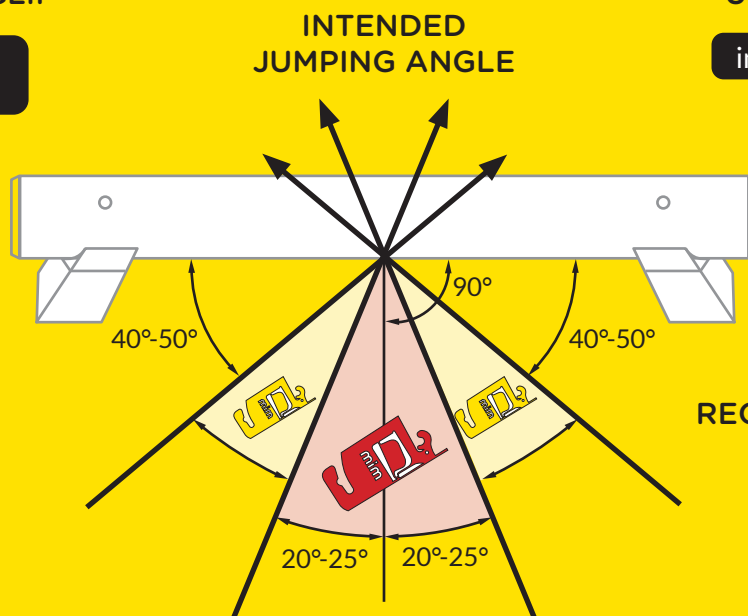
**ANGLED JUMP**  
USING YELLOW CLIP

order separately  
kit nr.80328



**STRAIGHT JUMP**  
USING RED CLIP

included in this kit



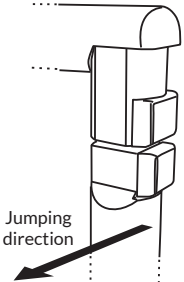
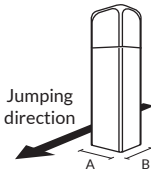


**RECOMMENDED TOOL**

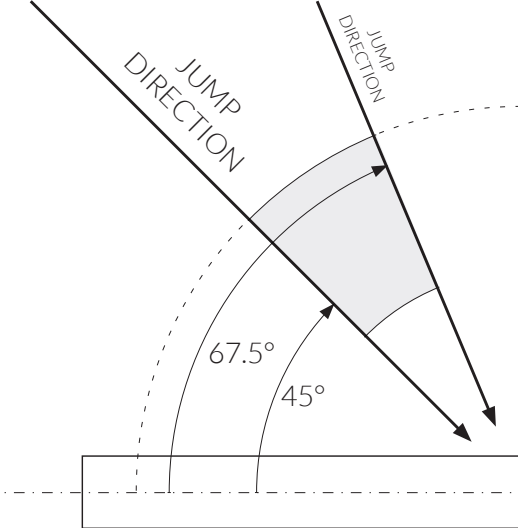


# INFORMATION ABOUT THE POST & RAIL NARROW KIT

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



**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.**

FENCE TOP SECTION

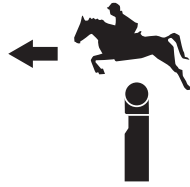


It is essential to follow the recommended instructions on the fence for the correct function. All WEIGHTS may be exceeded by no more than 25% of the relevant maximum weight as specified above. There are NO MINIMUM WEIGHTS.

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!**

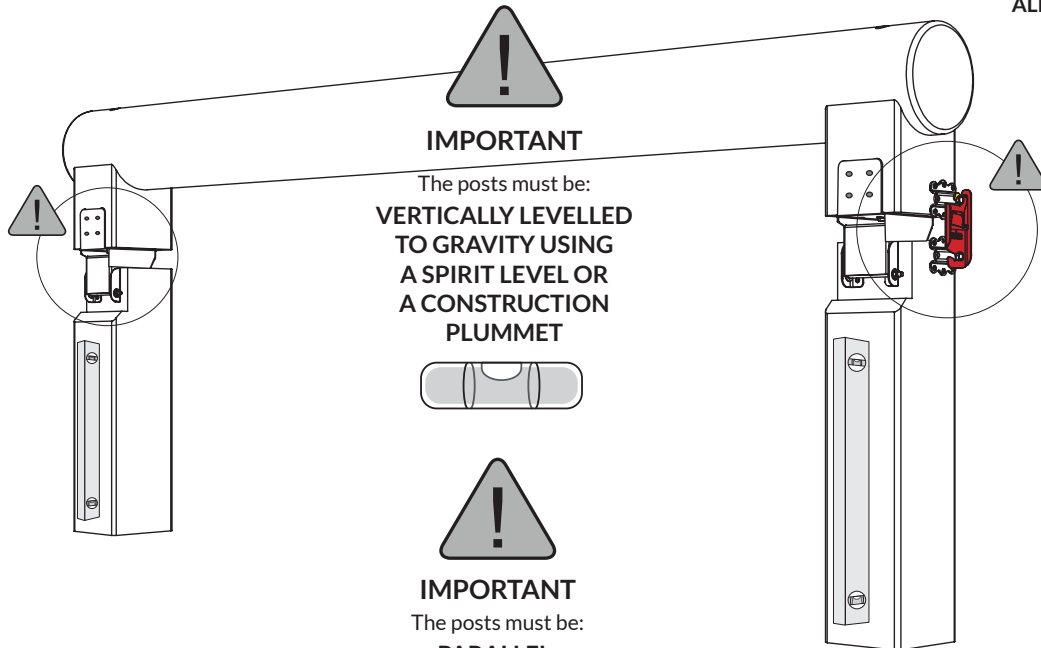


Jumping direction



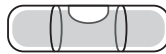
**IMPORTANT**

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



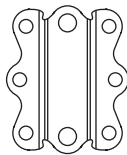
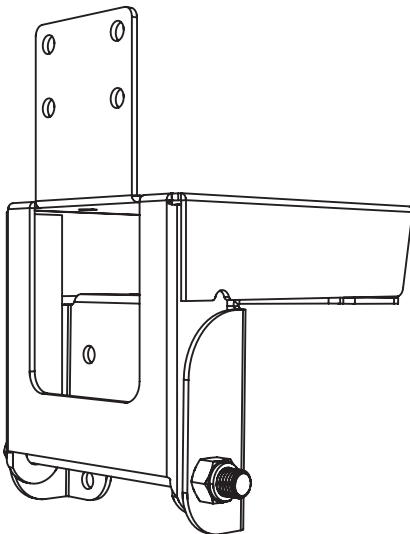
**IMPORTANT**

The posts must be:  
**VERTICALLY LEVELLED  
TO GRAVITY USING  
A SPIRIT LEVEL OR  
A CONSTRUCTION  
PLUMMET**



**IMPORTANT**

The posts must be:  
**PARALLEL,  
& FRONTAL ALIGNED &  
SECURED TO THE GROUND**

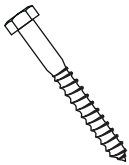




A	00454	2x
	Part no	

B	F70A	4x
	Part no	

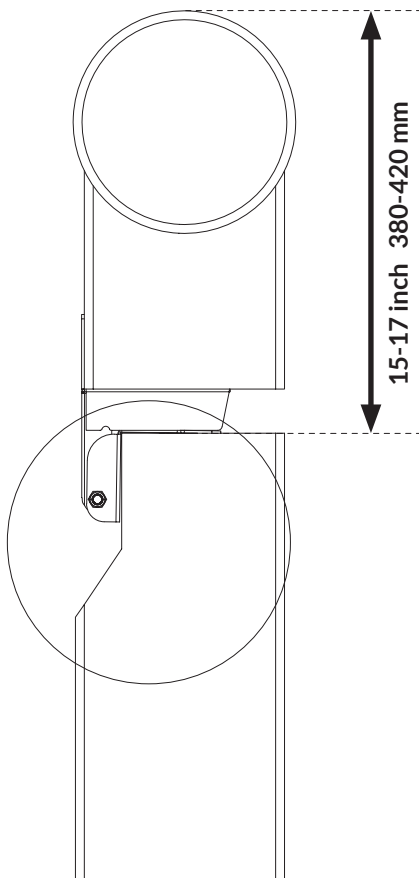
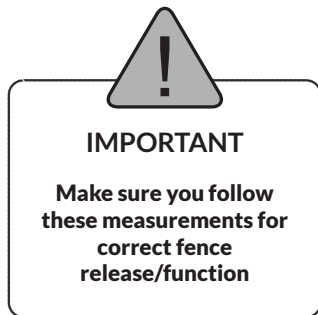
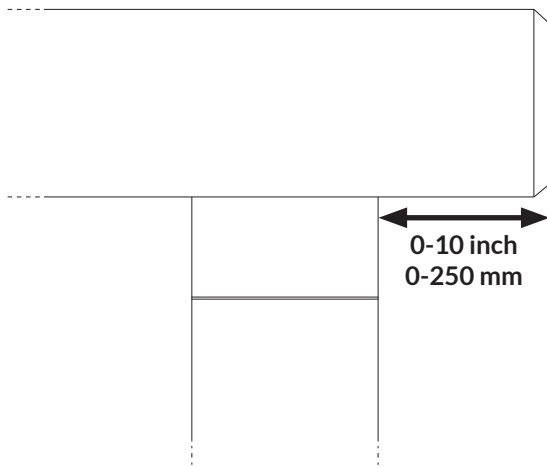
D	F18C	6x
	Part no	

C	F18F	6x
	Part no	

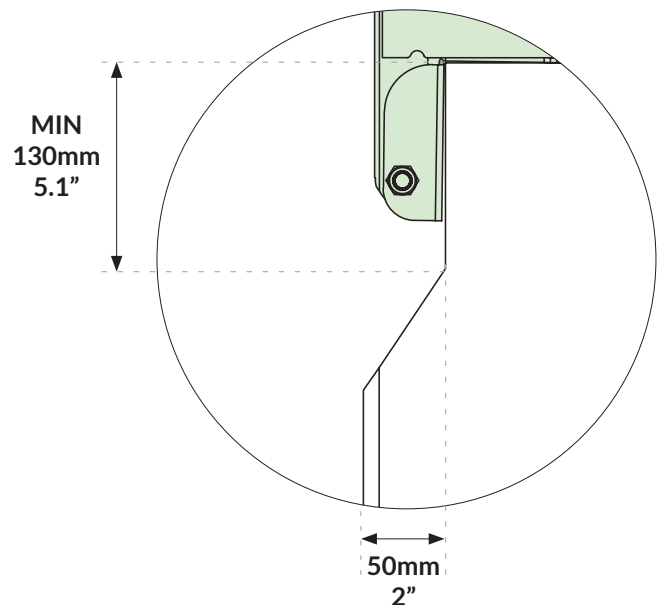
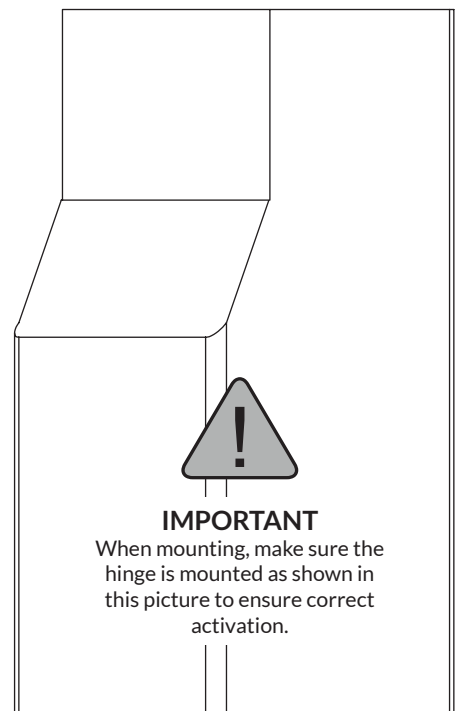
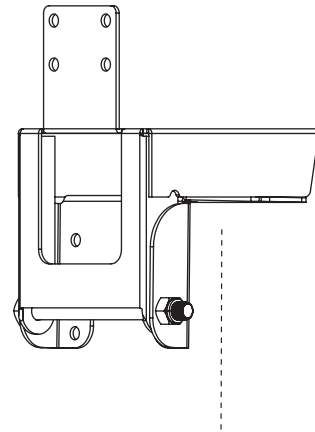
POST TOP SECTION 2X	POST BOTTOM SECTION 2X	RAIL 1X
M-TS10X90 4X 	 not included	 not included

STEP  
**1a**

Square posts

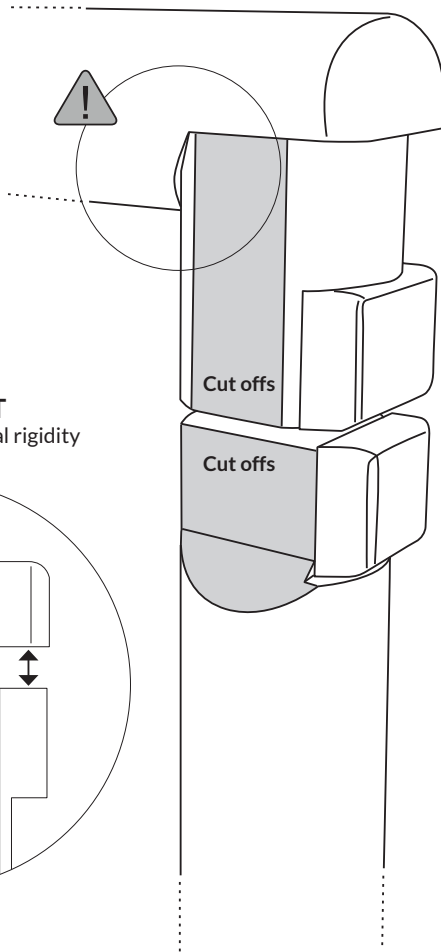


**2X**

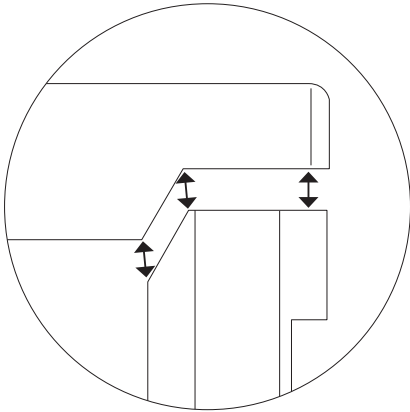


STEP  
**1b**

Round posts



**IMPORTANT**  
Aligned cuts for torsional rigidity

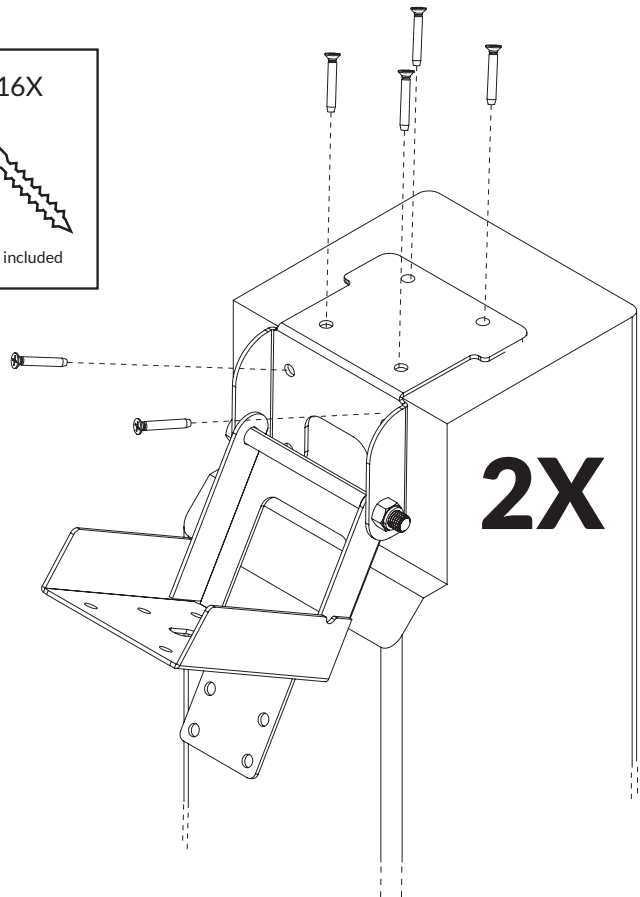
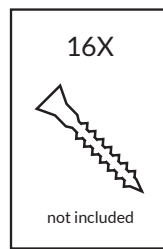
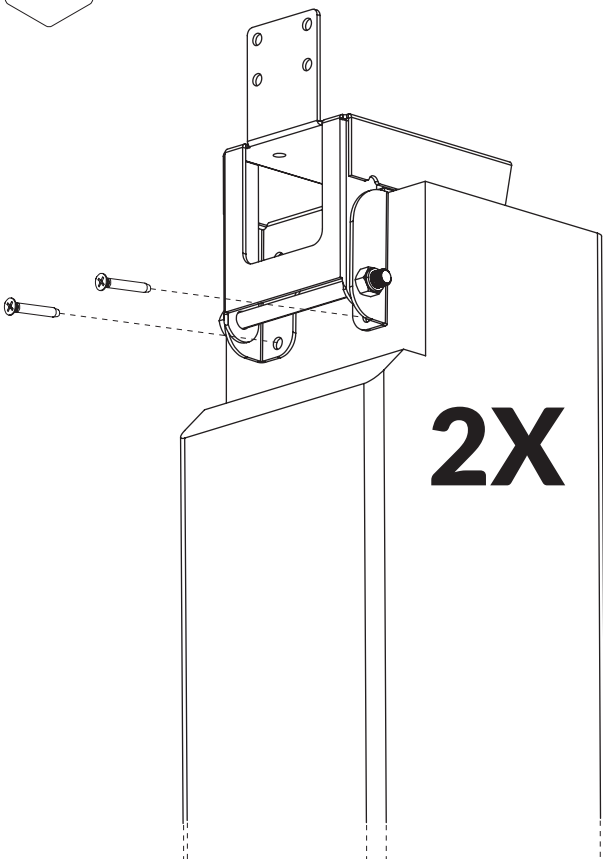


MIN  
130mm  
5.1"

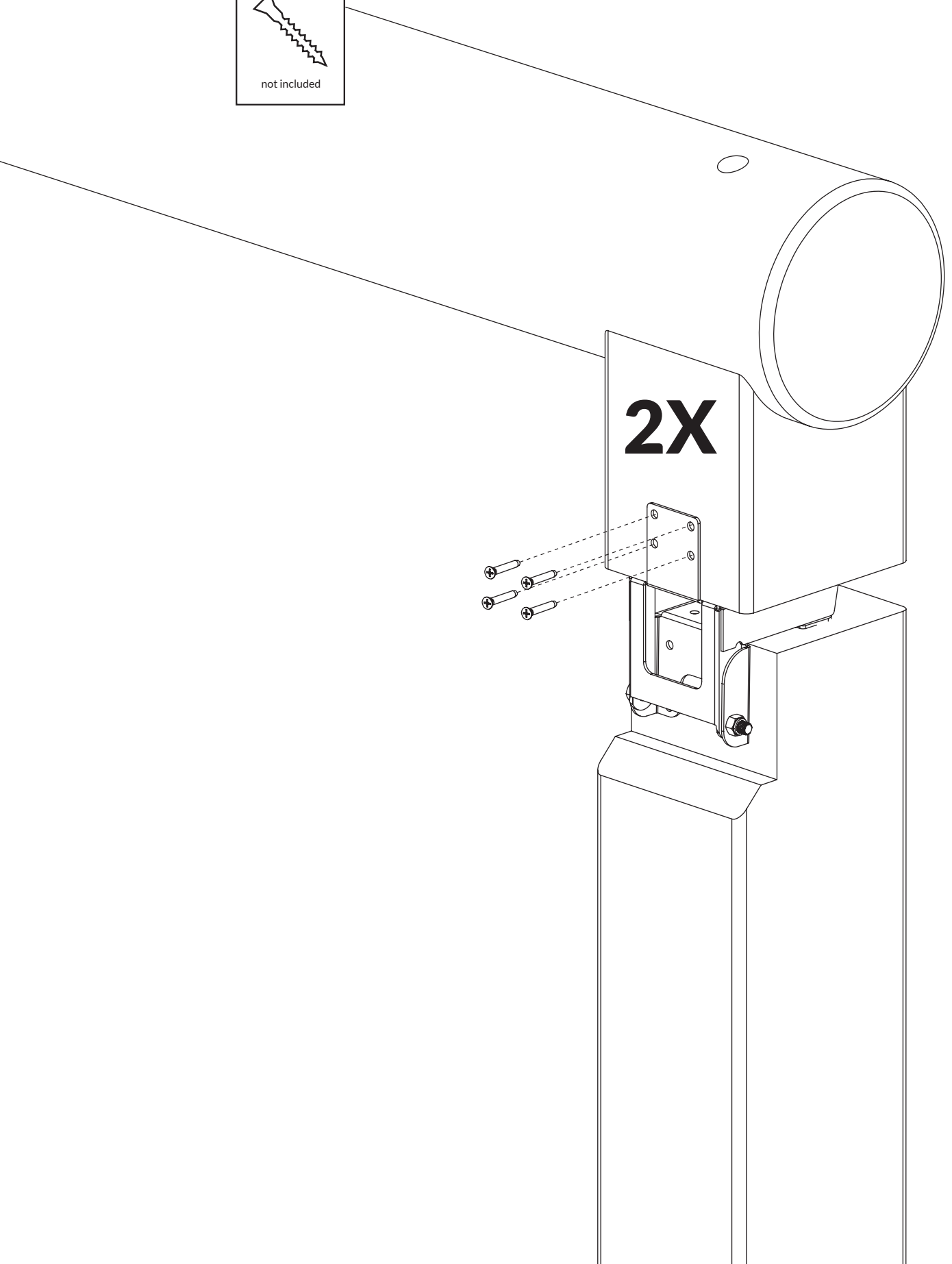
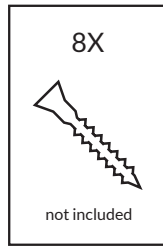
20mm  
3/4"

70mm  
2 3/4"

STEP  
**2**



STEP  
**3**

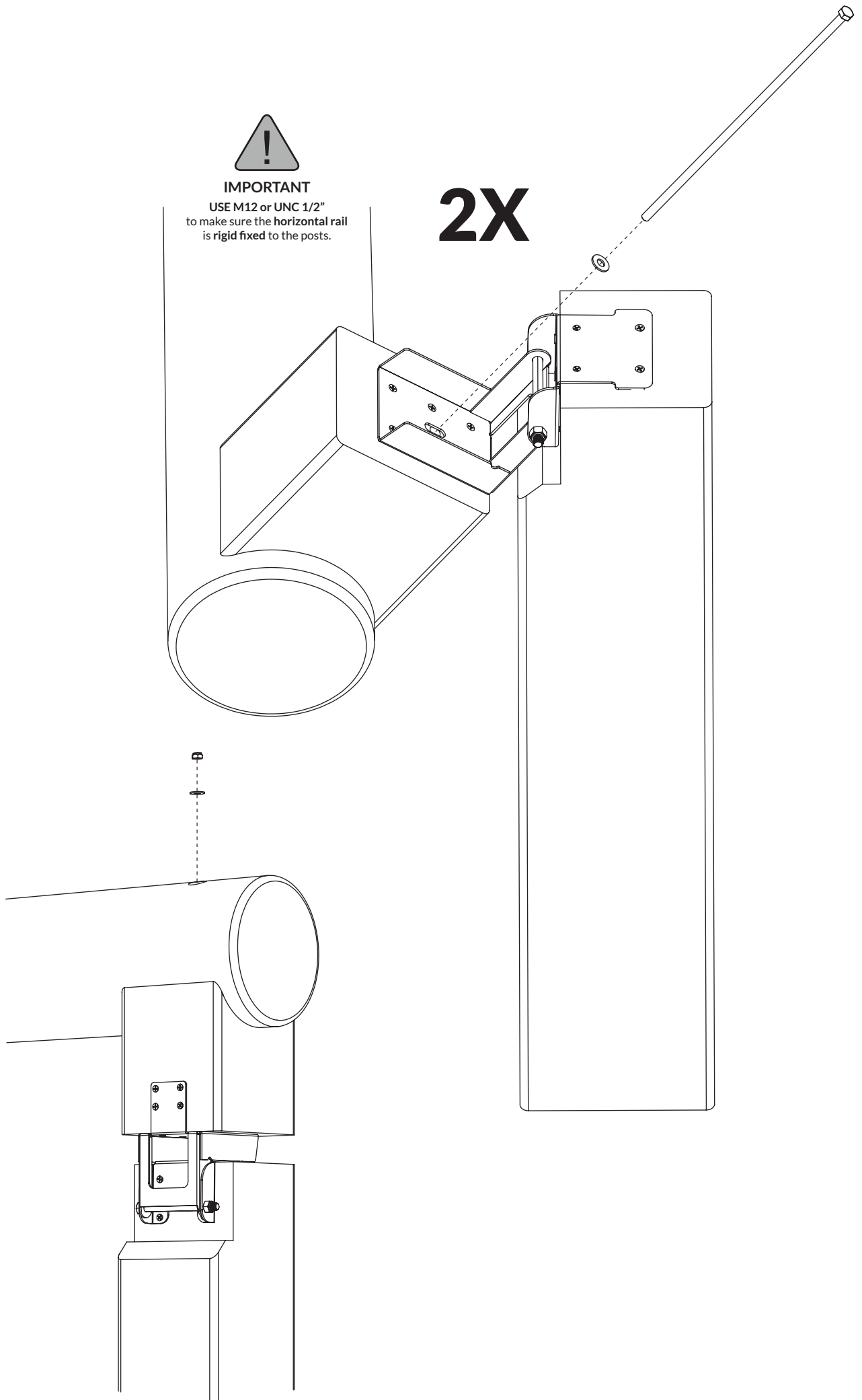




**IMPORTANT**

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

**2X**

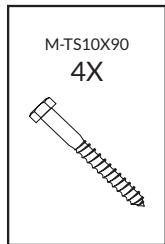
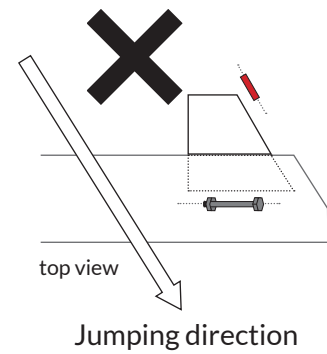


STEP  
**5**

CORRECT alignment of the clip



WRONG alignment of the clip

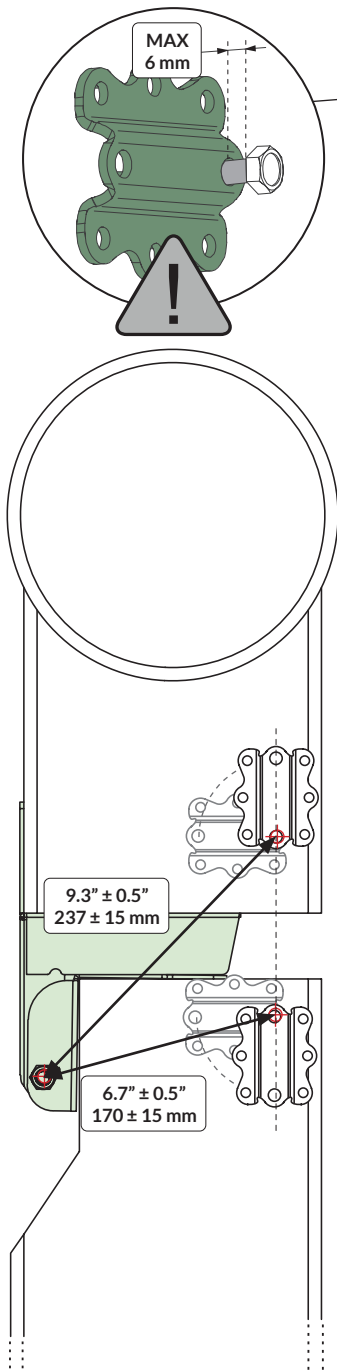


**IMPORTANT**  
USE  
Drilling pattern 80326-DP

**2X**

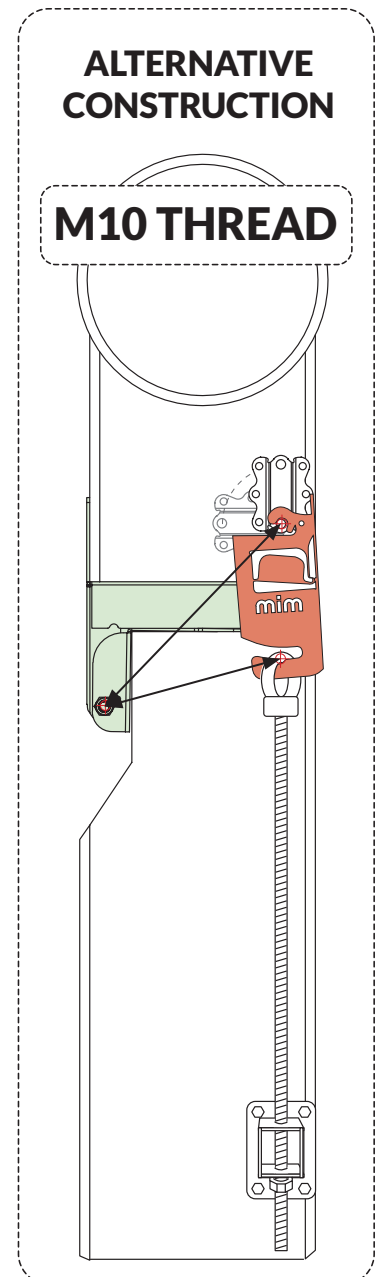
**ALTERNATIVE  
CONSTRUCTION**

**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





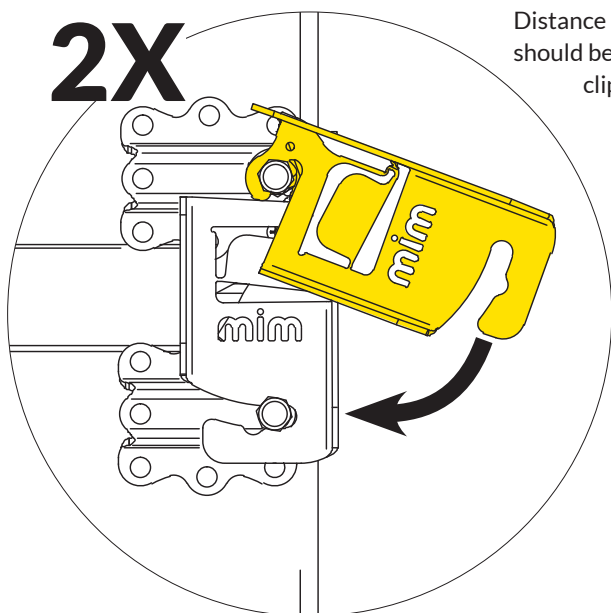
STEP  
**6**

## IMPORTANT



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

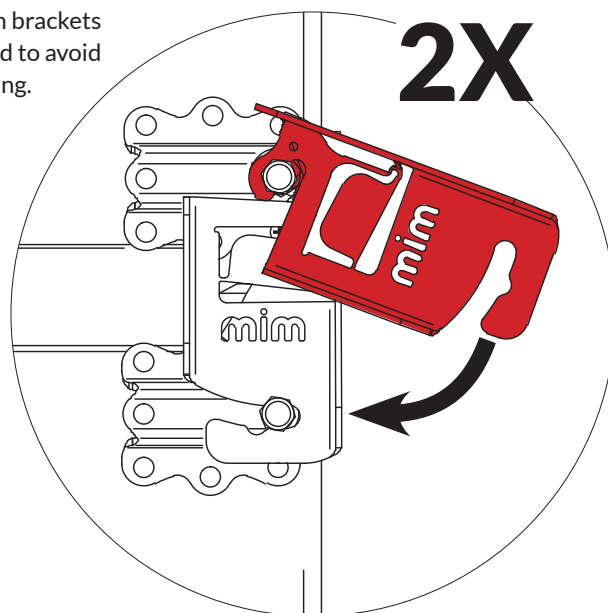
**2X**



POSITIONING OF CLIP FOR  
**ANGLED JUMP**

order separately  
kit nr.80328

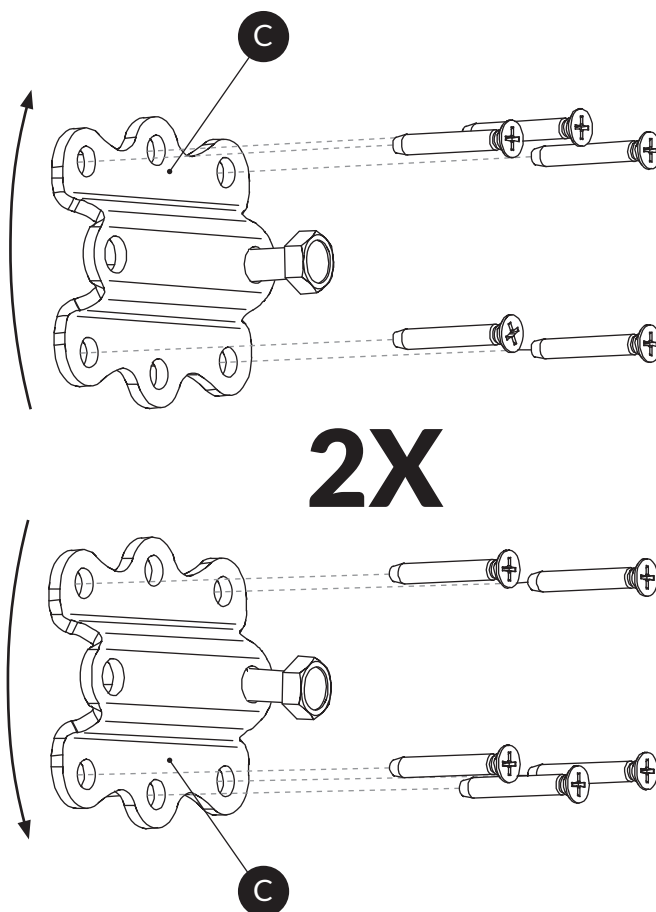
**2X**



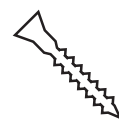
POSITIONING OF CLIP FOR  
**STRAIGHT JUMP**

STEP  
**7**

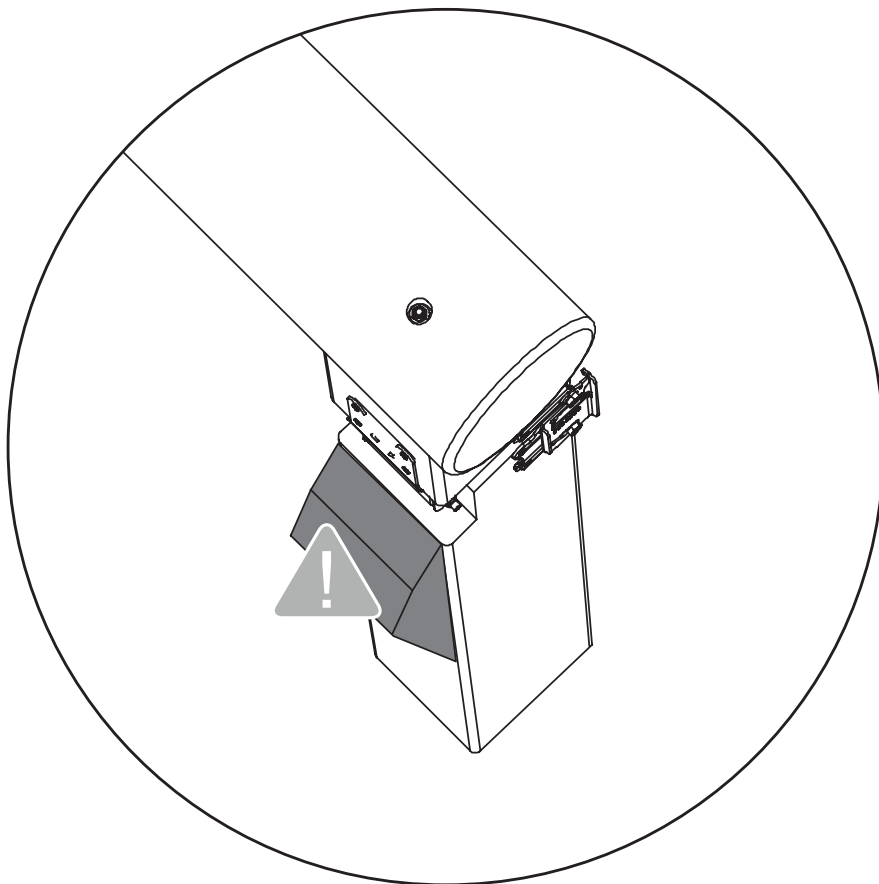
Rotate the pieces C  
around the bolt's position  
if necessary



20X



not included



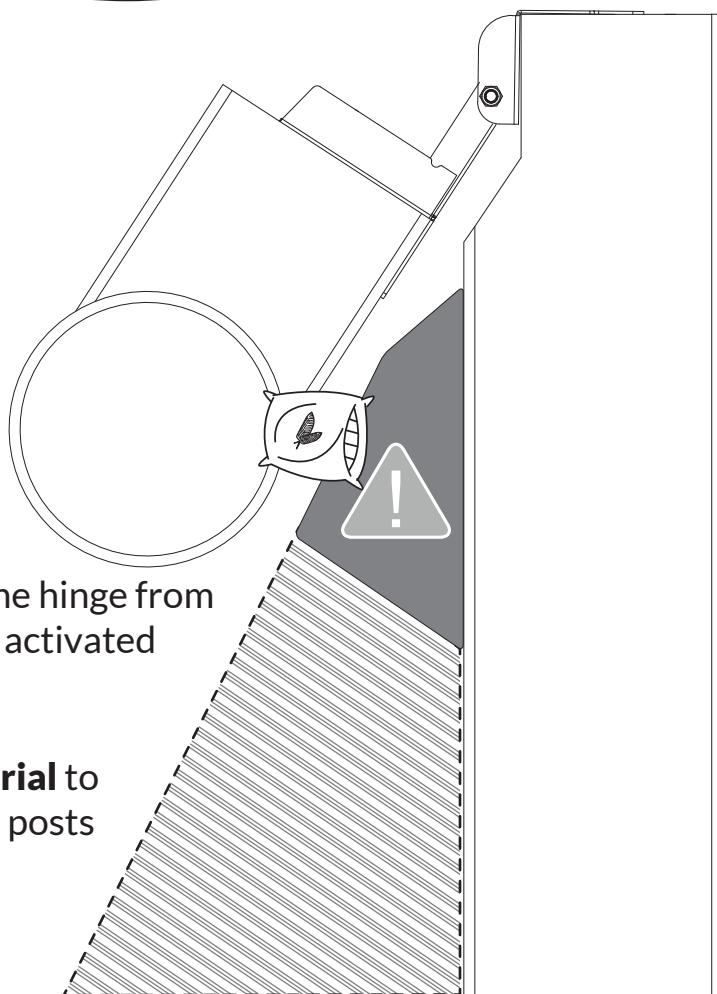
**IMPORTANT**



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

**OPTIONAL**

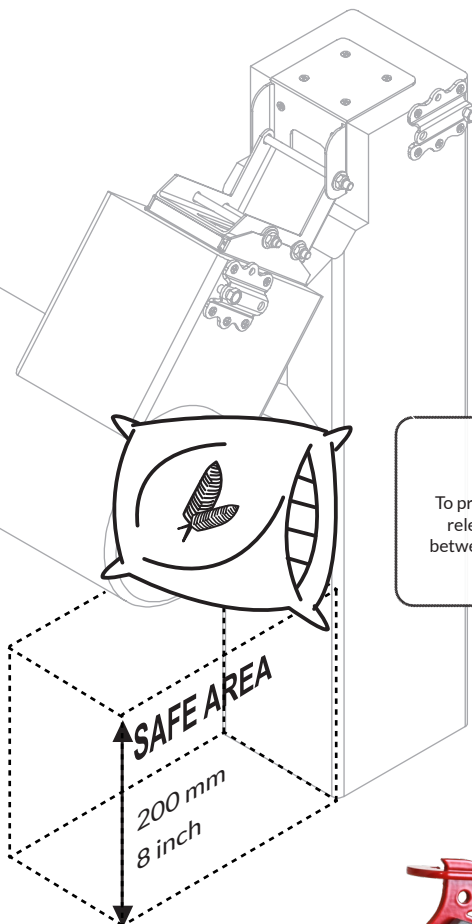
Extend the **stopping material** to add stability to the fence's posts





### 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.