

### What you need for 1x clamp

1x Madrid vertical clamp

1x M12 fixing kit → **KIT INCLUDES:**

2x M12x120mm rod  
(or longer as needed)

2x M12 nuts with spring washers  
(purchase from nut & bolt shop)

2x Flat washers

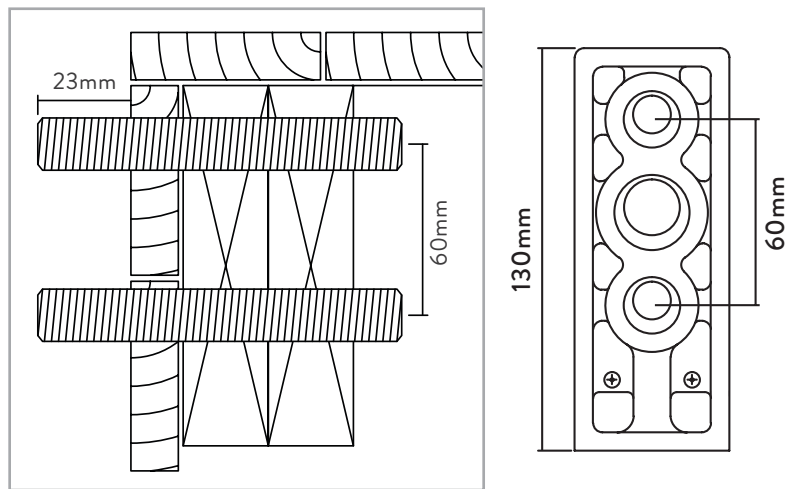
2x Spring washers

2x Nuts (to suit M12 thread)

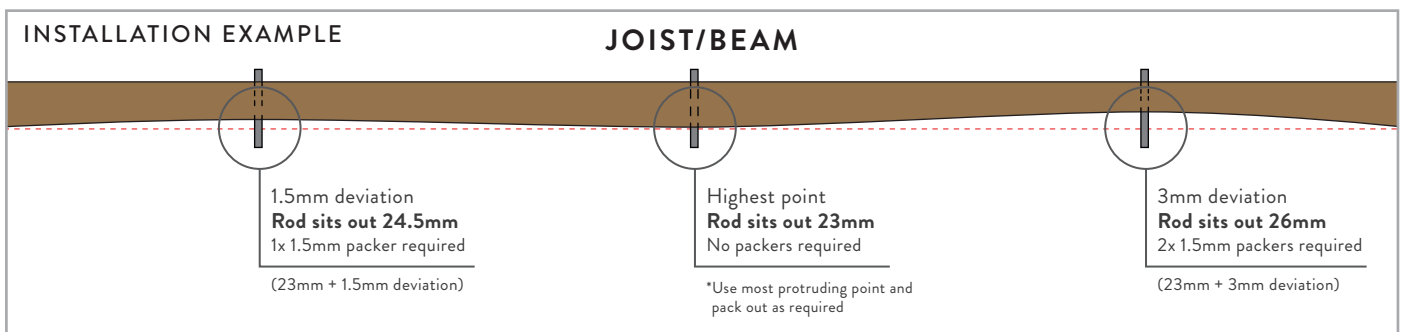
1x 6.5mm packer with 2 cutouts

**1**

Pre-drill 2x 12.5mm or 13mm holes through joist/beam (hole centres are 60mm). Insert threaded rods and leave 23mm of thread protruding from face of joist/beam (or as required subject to below diagram). Ensure enough thread is left protruding from the back of the joist/beam for an M12 nut with washer to be affixed.



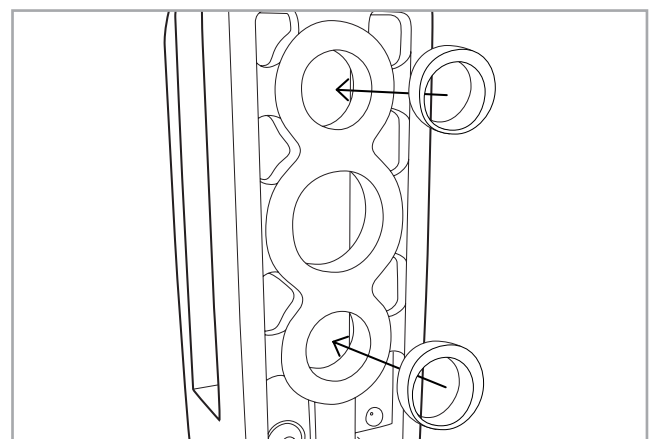
**NOTE:** Attach a stringline to the timber surface from where the first clamp is being installed to where the last clamp is being installed and note any variance in surface deviation. Refer to below example for further information.



**2**

Insert 2x offset washers into top and bottom holes on the back of the spigot. Discard large offset washer.

The offset washers can be rotated inside top and bottom holes to achieve vertical or horizontal adjustment.

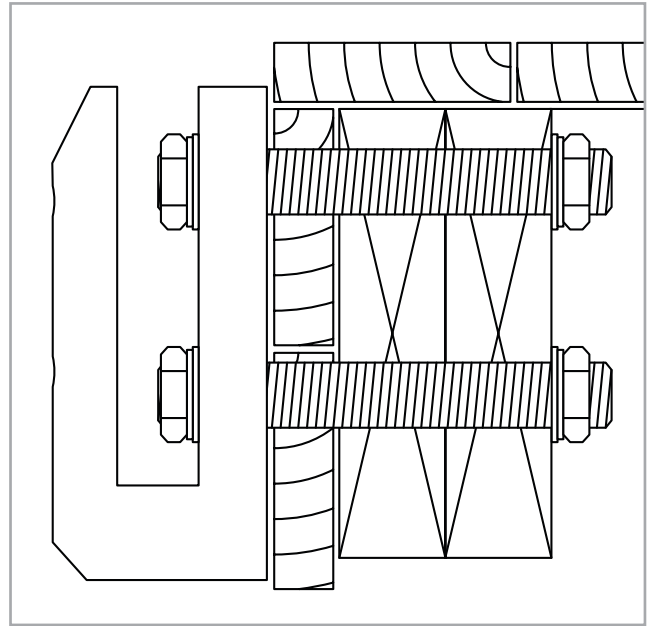
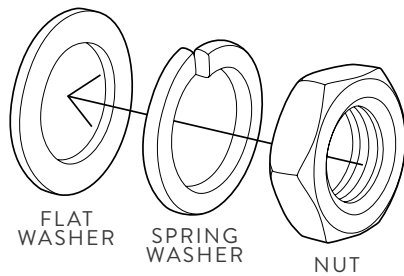


3

Slide spigot with offset washers onto rods and tighten nuts over flat washers and spring washers.

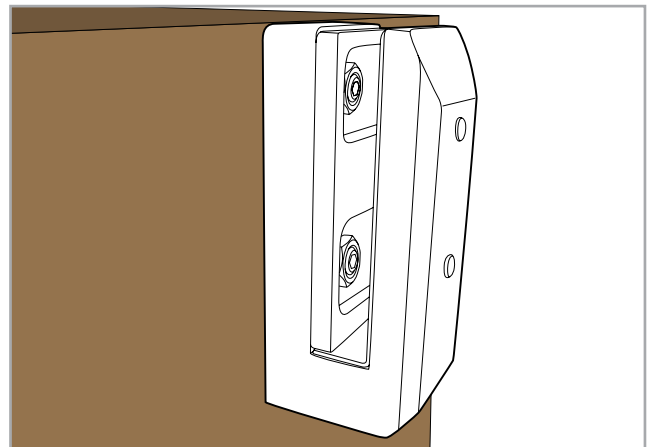
\*Nut requires 19mm open ended/ring spanner

On backside of joist/beam, place spring washers and nuts onto rods and fully tighten.



4

Take 6.5mm packer with 2x top and bottom cutouts, remove 2x pieces of double sided tape and fit inside throat of spigot over 2x threaded rods with nuts.



### Tips!

Wedge packers can be used in throat of spigot or behind spigot to achieve tilt adjustment

An extra 4mm bottom packer is included which can be used for vertical adjustment

Handy earthing point located at back of spigot for added safety

Friction plate is recessed for easy glass installation

### ALTERNATIVE FITTING METHOD

#### What you need for 1x clamp

1x Madrid vertical clamp

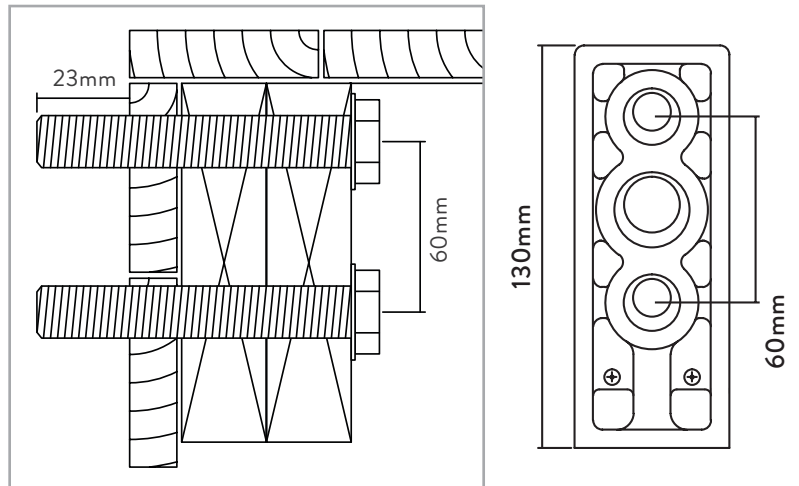
1x M12 fixing kit → **KIT INCLUDES:**

2x Hex head M12 bolts & washers  
(source from nut & bolt shop)

2x Flat washers  
2x Spring washers  
2x Nuts (to suit M12 thread)  
1x 6.5mm packer with 2 cutouts

**1**

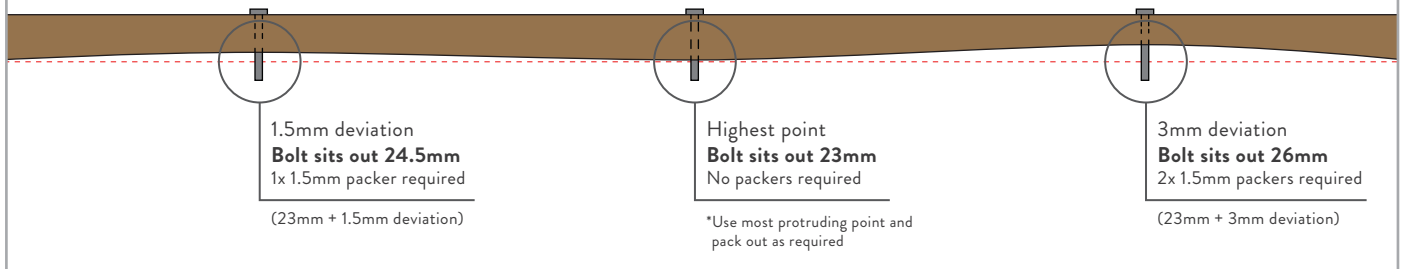
Pre-drill 2x 12.5mm or 13mm holes through joist/beam (hole centres are 60mm) Insert bolts (with washers) and ensure 23mm of thread protruding from face of joist/beam.  
(or as required subject to below diagram)



**NOTE:** Attach a stringline to the surface from where the first clamp is being installed to where the last clamp is being installed and note any variance in surface deviation. Refer to below example for further information.

#### INSTALLATION EXAMPLE

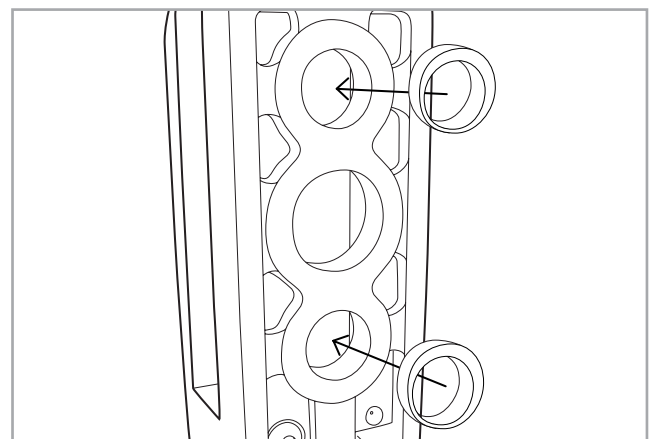
#### JOIST/BEAM



**2**

Insert 2x offset washers into top and bottom holes on the back of the spigot. Discard large offset washer.

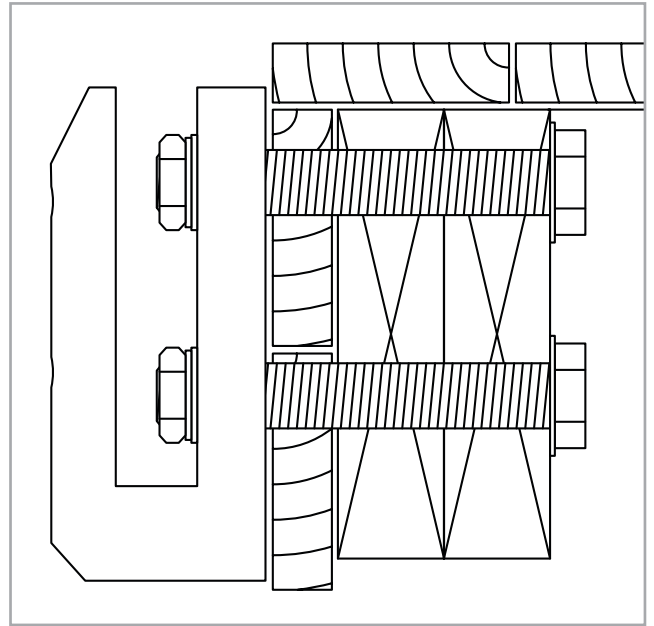
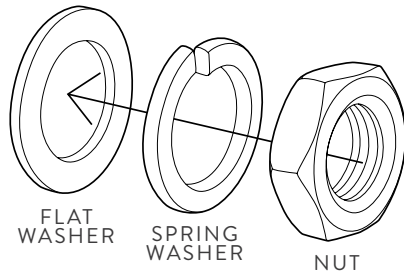
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3

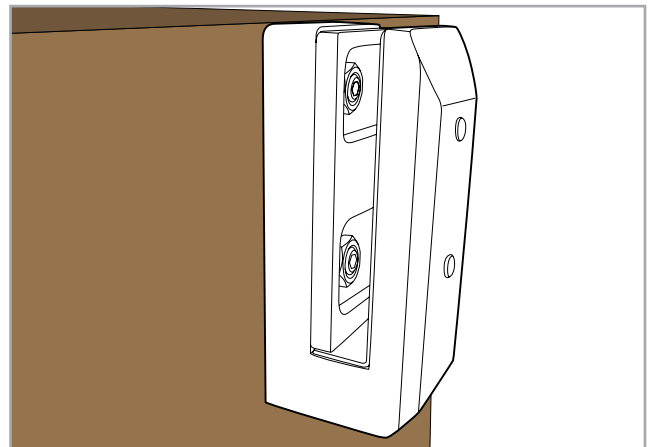
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## Tips!

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