



## Technical notice: Frame drilling for aluminum linkage adaptation

Frame models : Stellar, Atlas

This operation is reserved for professionals or people with the technical capabilities to carry it out. Madnes Bicycles disclaims all responsibility in case of damage.

### 1. Printing and cutting of the positioning pattern

Contact the Madnes team to obtain the pattern corresponding to your model and frame size. Print at 100% scale and cut out the pattern.



## 2. Marking the drilling position

Use the pattern to position the hole.  
Mark using a center punch.

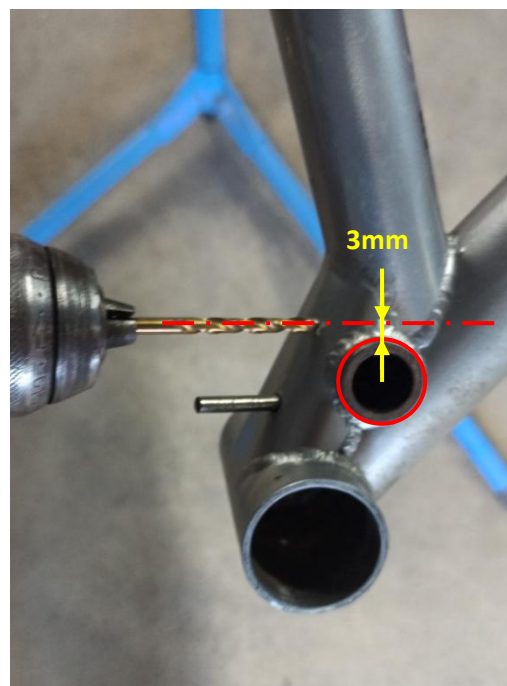


## 3. Pre-drilling

Insert a drill into the old hole to get an angle reference.

Use a 4mm diameter drill bit to drill through the 3 walls of the reinforcement plate, the seat tube and the down tube.

Top view : drilling parallel to the initial hole. Side view : drilling 3mm above the pivot.



#### 4. Final drilling

Use a 5.5mm diameter drill to make the final drilling.



#### 5. Deburring

Use a tool or file to deburr the hole.



#### 6. Corrosion treatment

Paint the edge of the hole with an anti-corrosion product or paint.