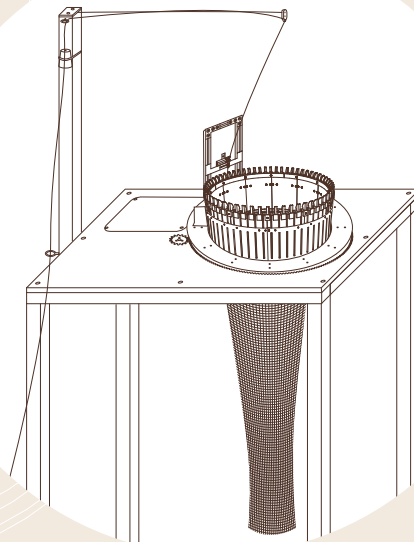
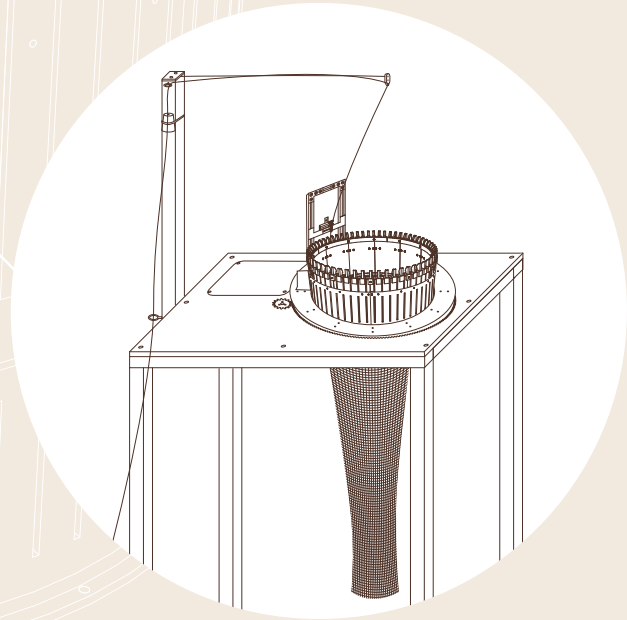


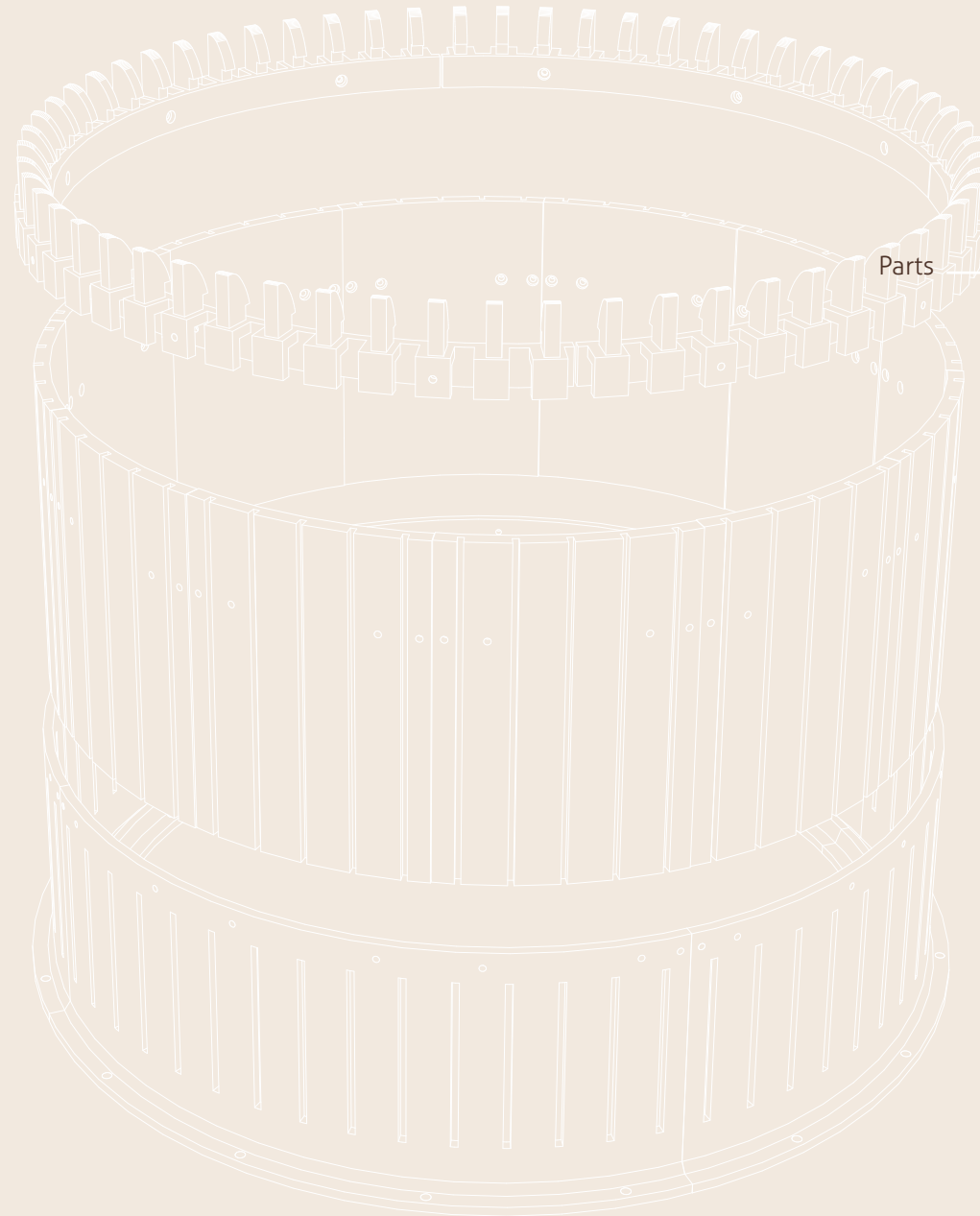
# *Circular Knitic*

open source knitting machine

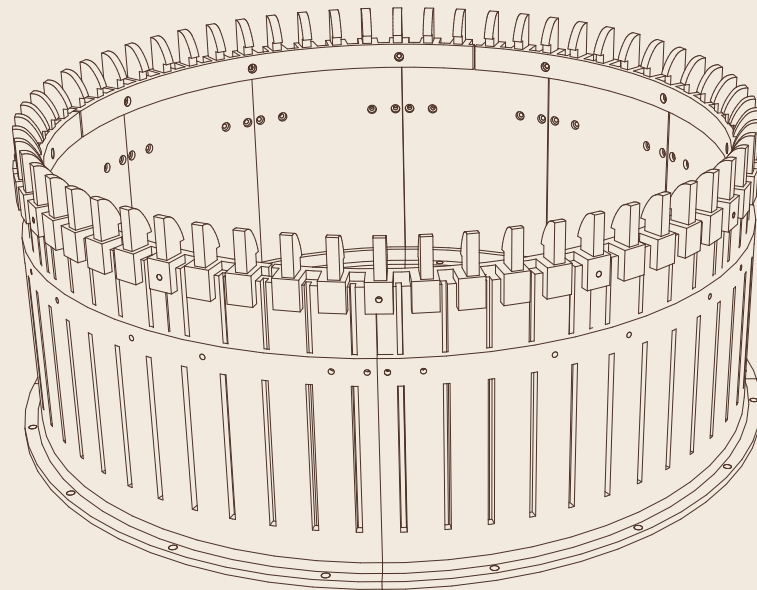
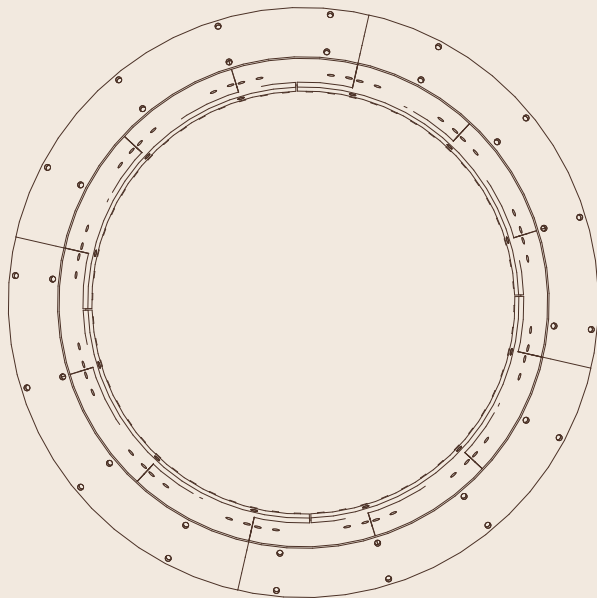
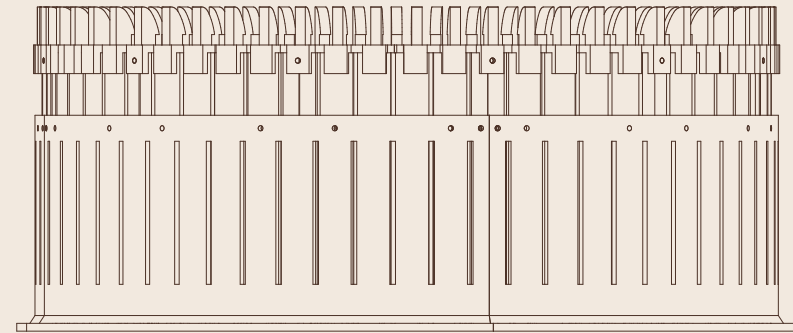
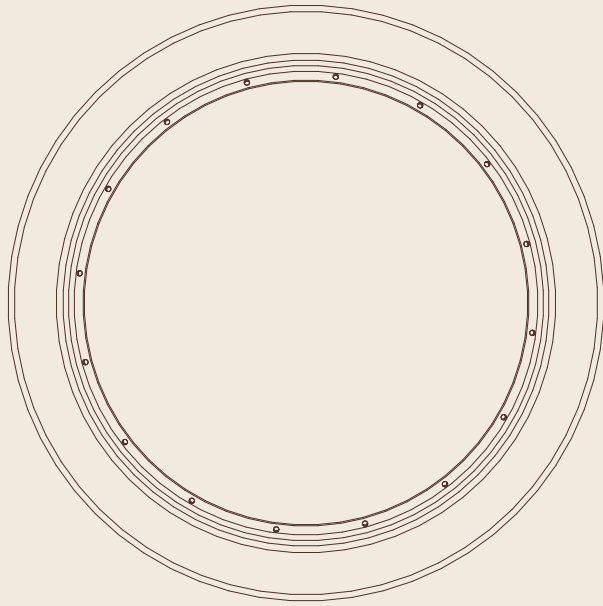
<http://var-mar.info> | <http://www.knitic.com>

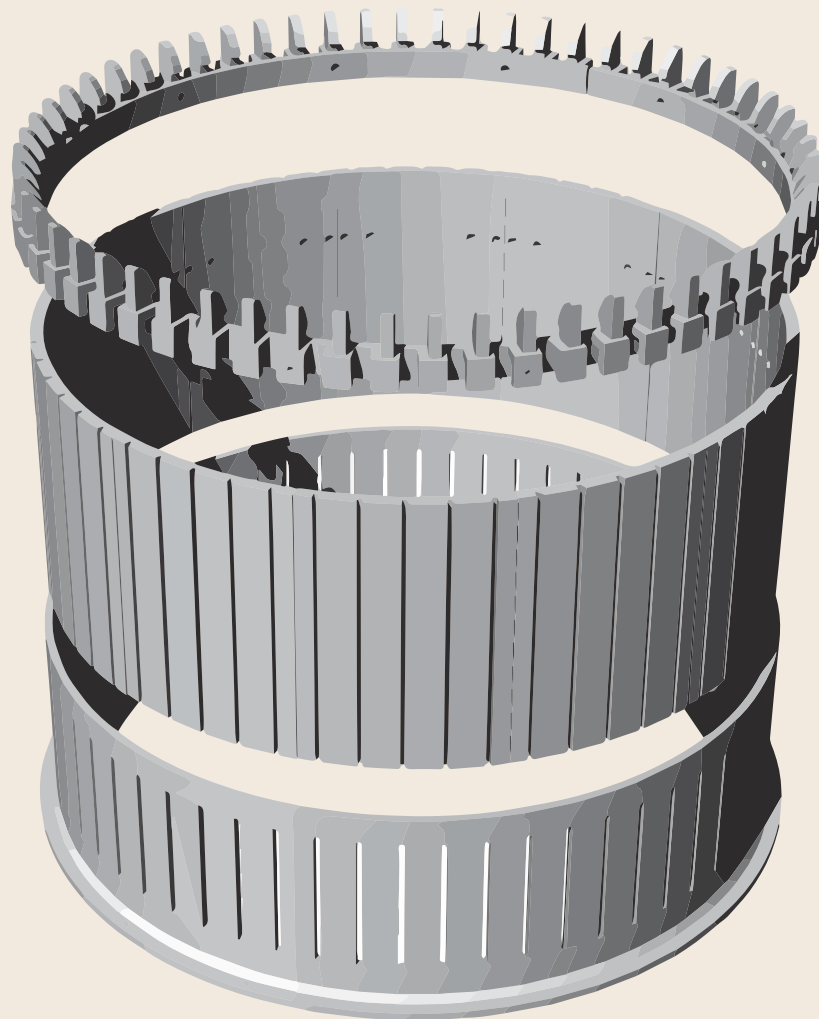
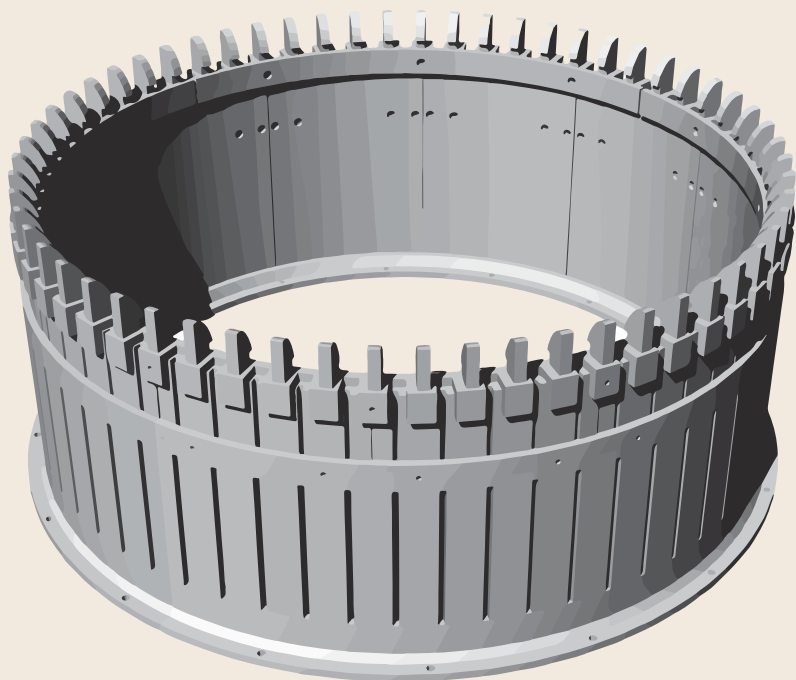
Varvara Guljajeva & Mar Canet  
2014

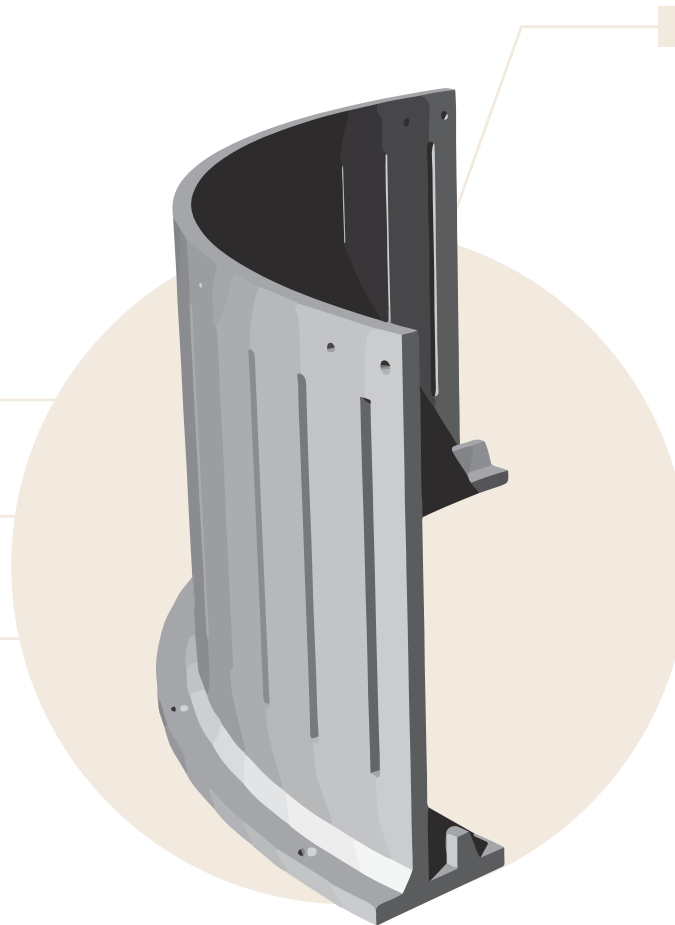
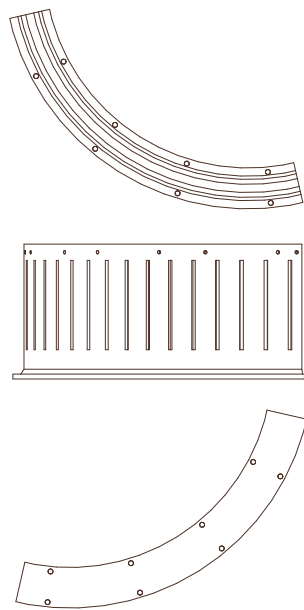
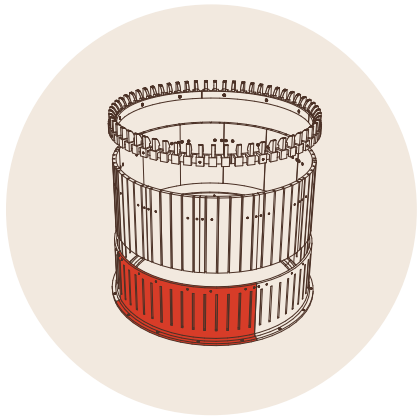




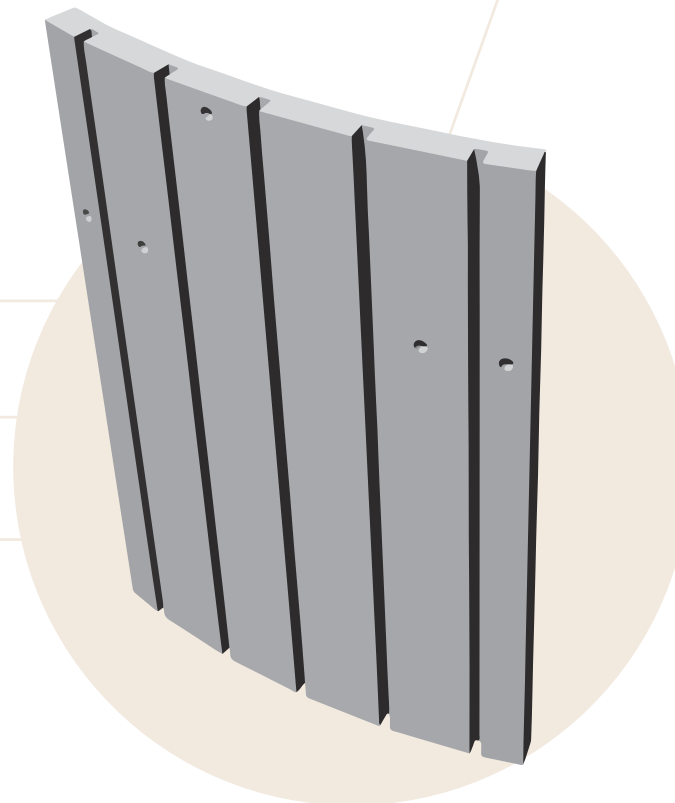
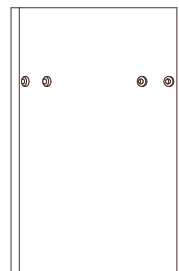
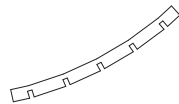
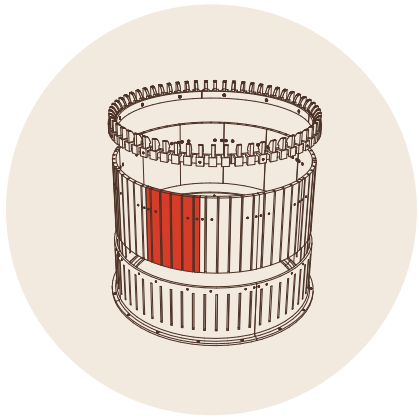
Parts





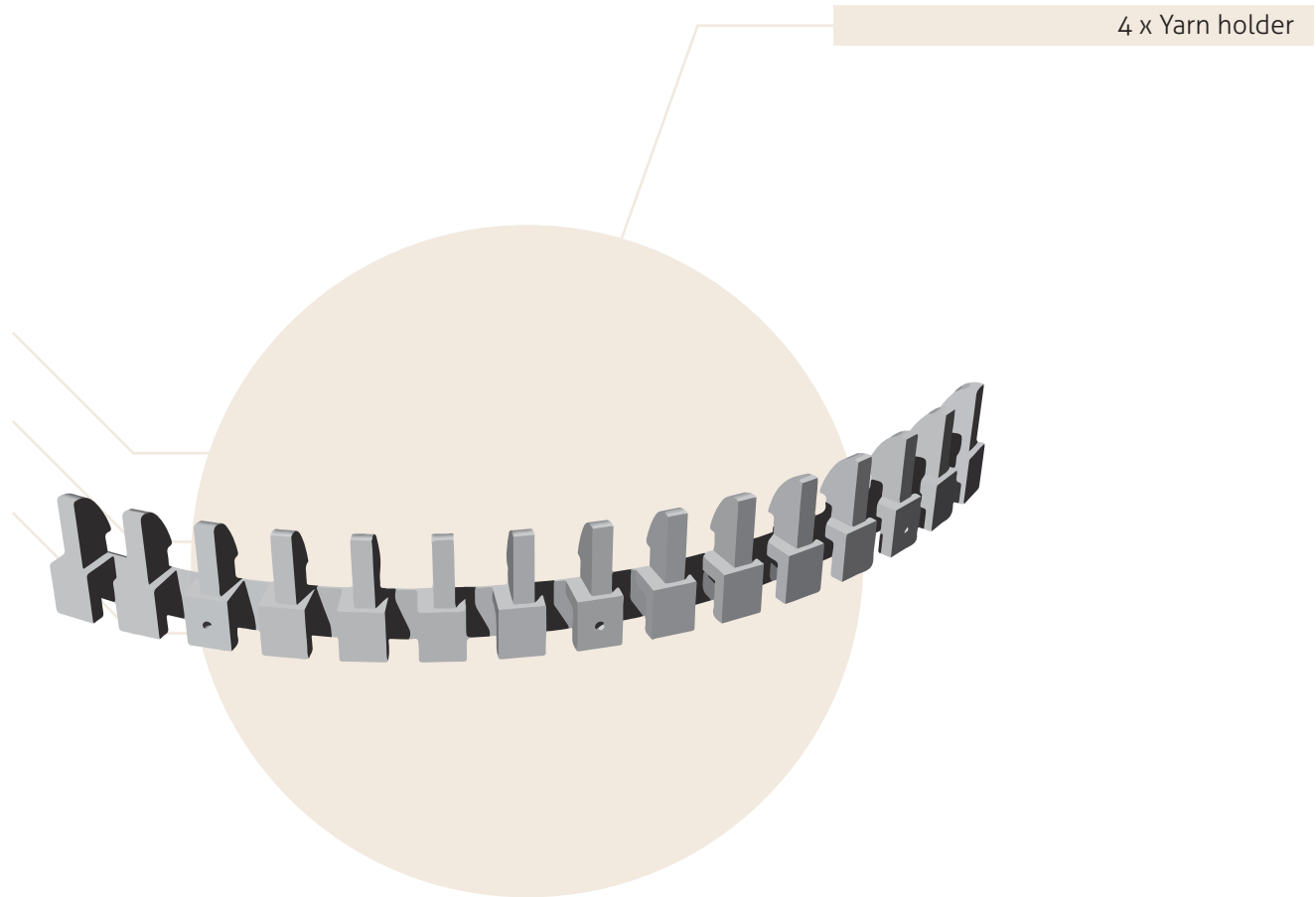
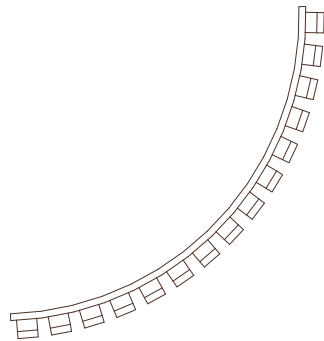
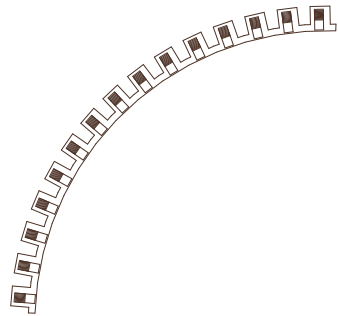
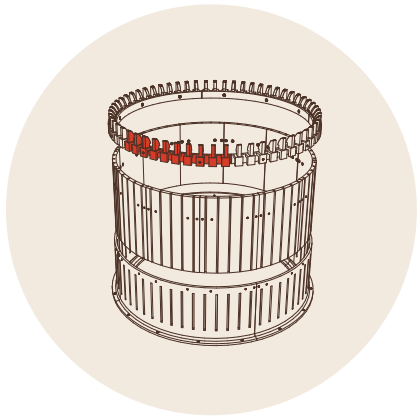


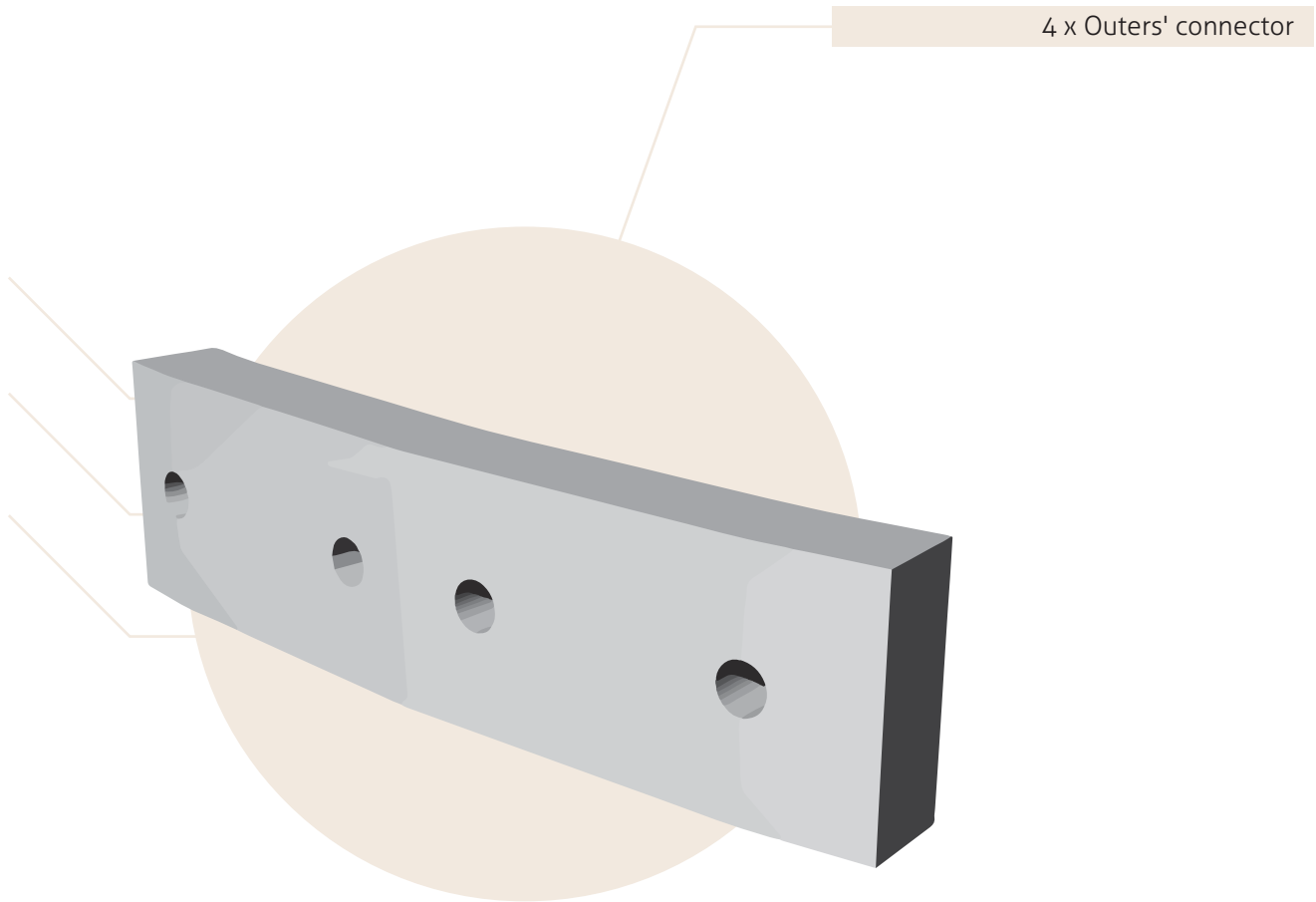
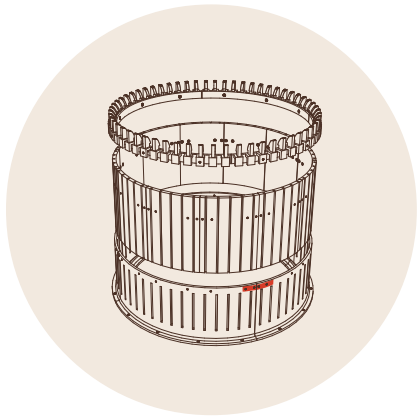
4 x Outer



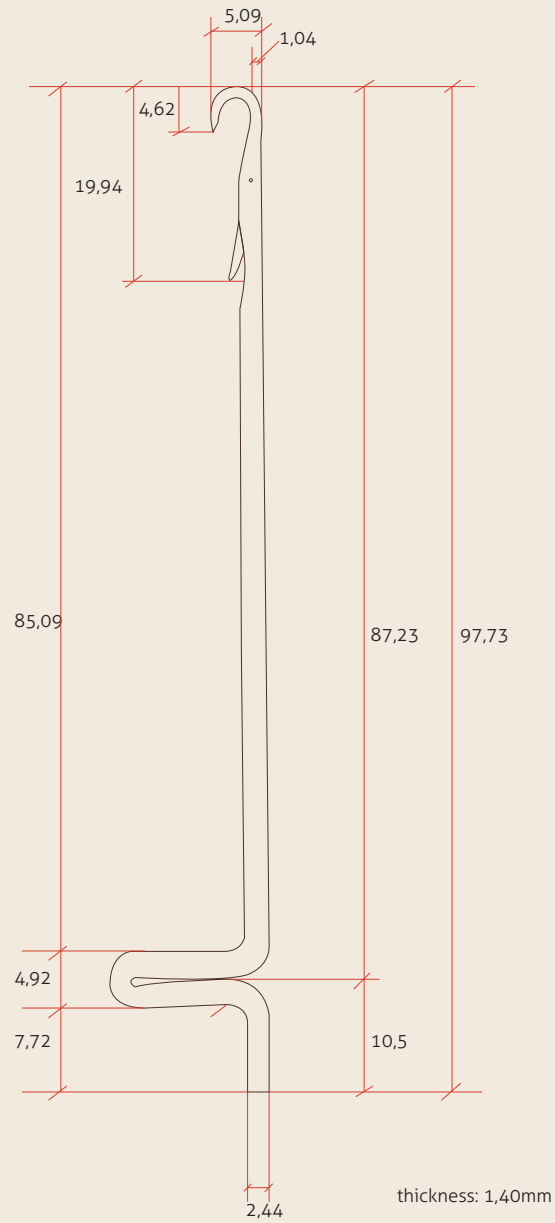
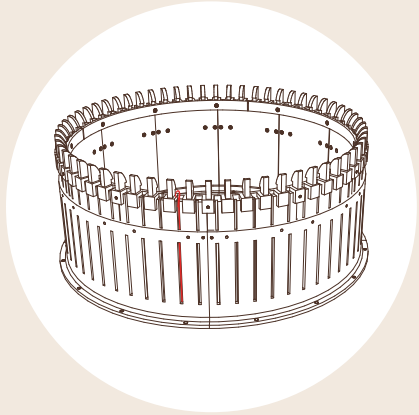
12 x Inner

where the needles go



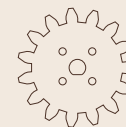
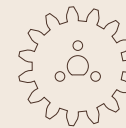
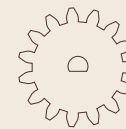
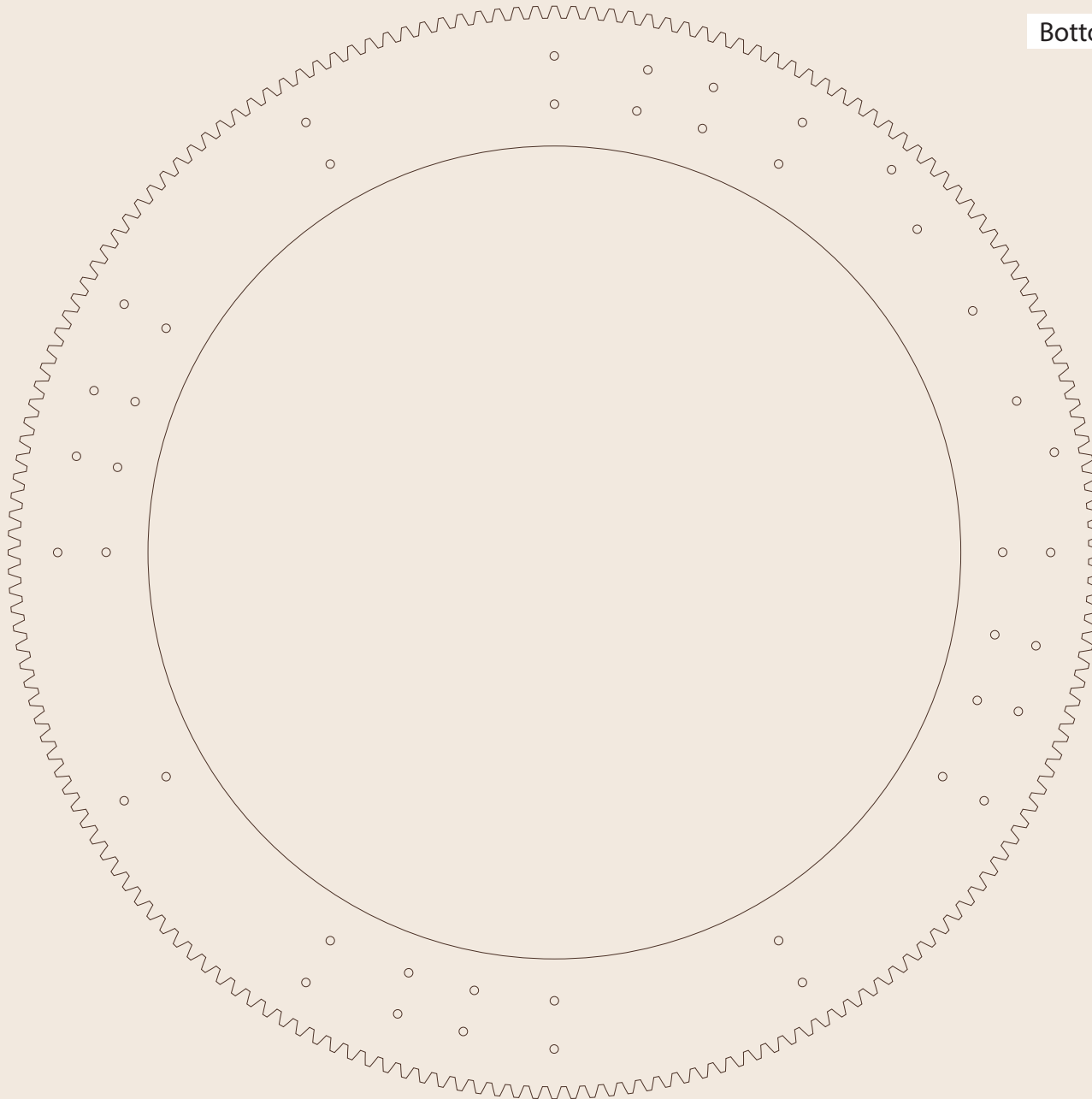


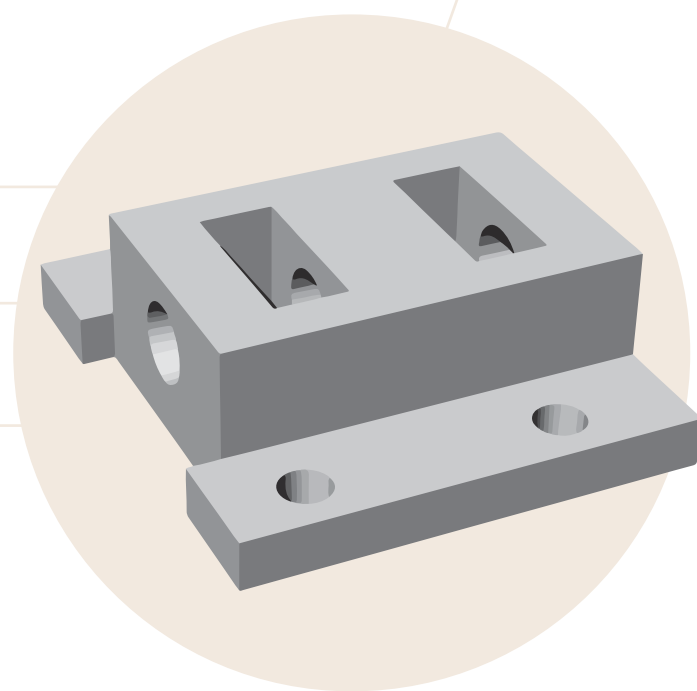
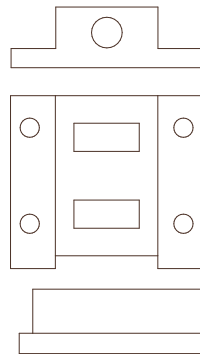
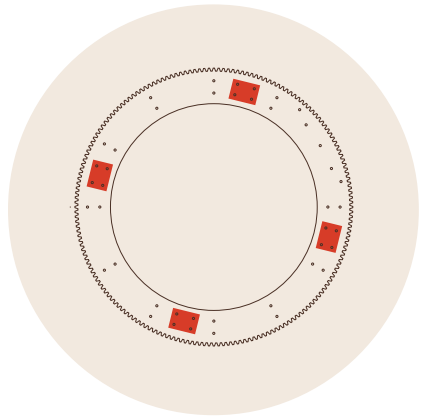




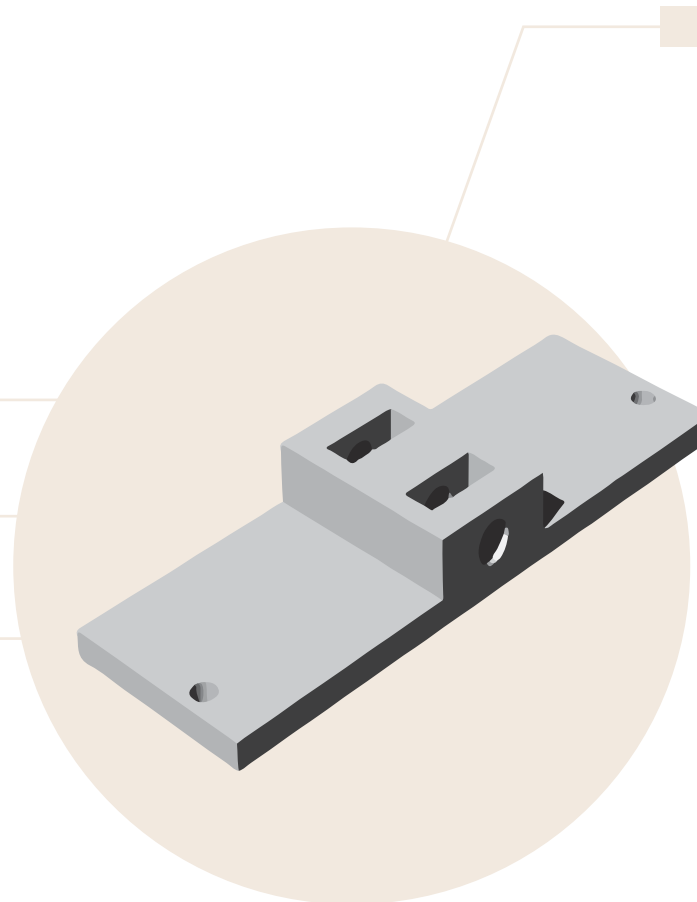
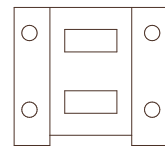
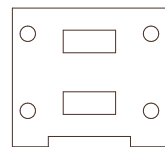
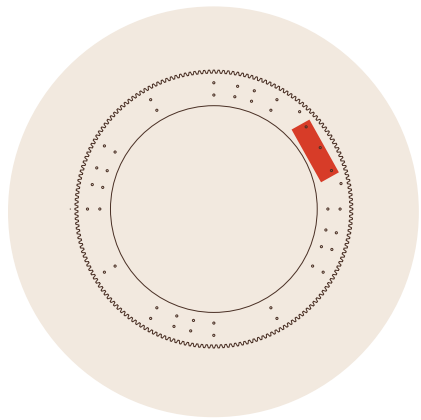
60 x Needle

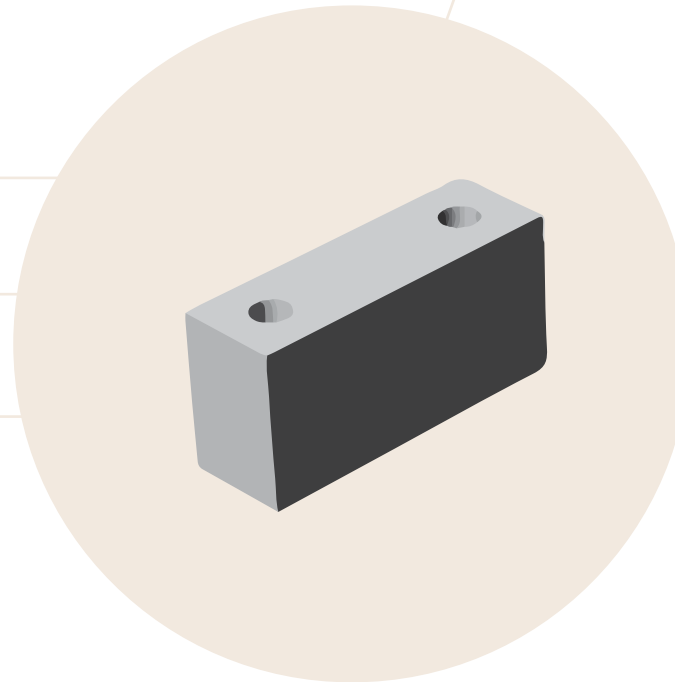
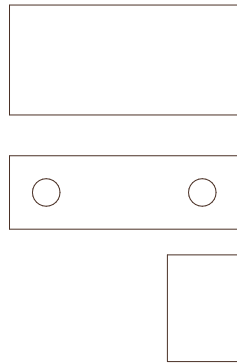
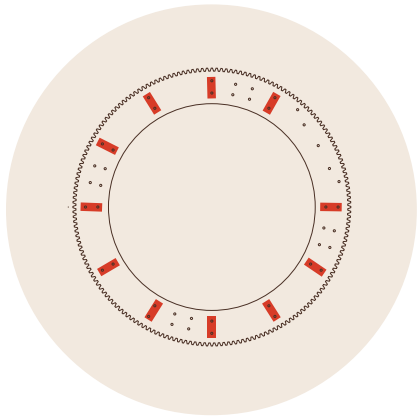
Bottom surface (big gear) + motor gears





4 x Small bearings' holder



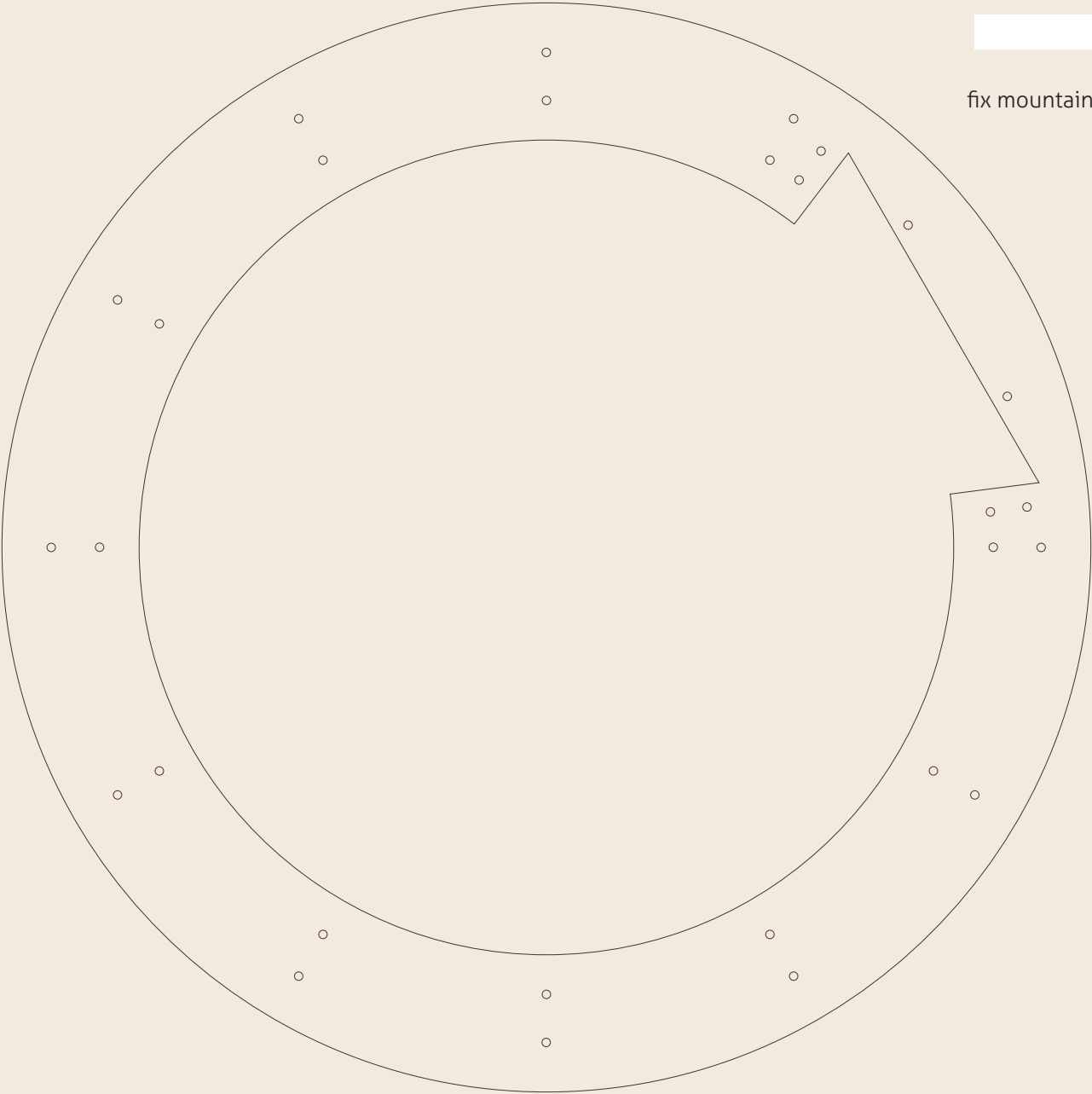


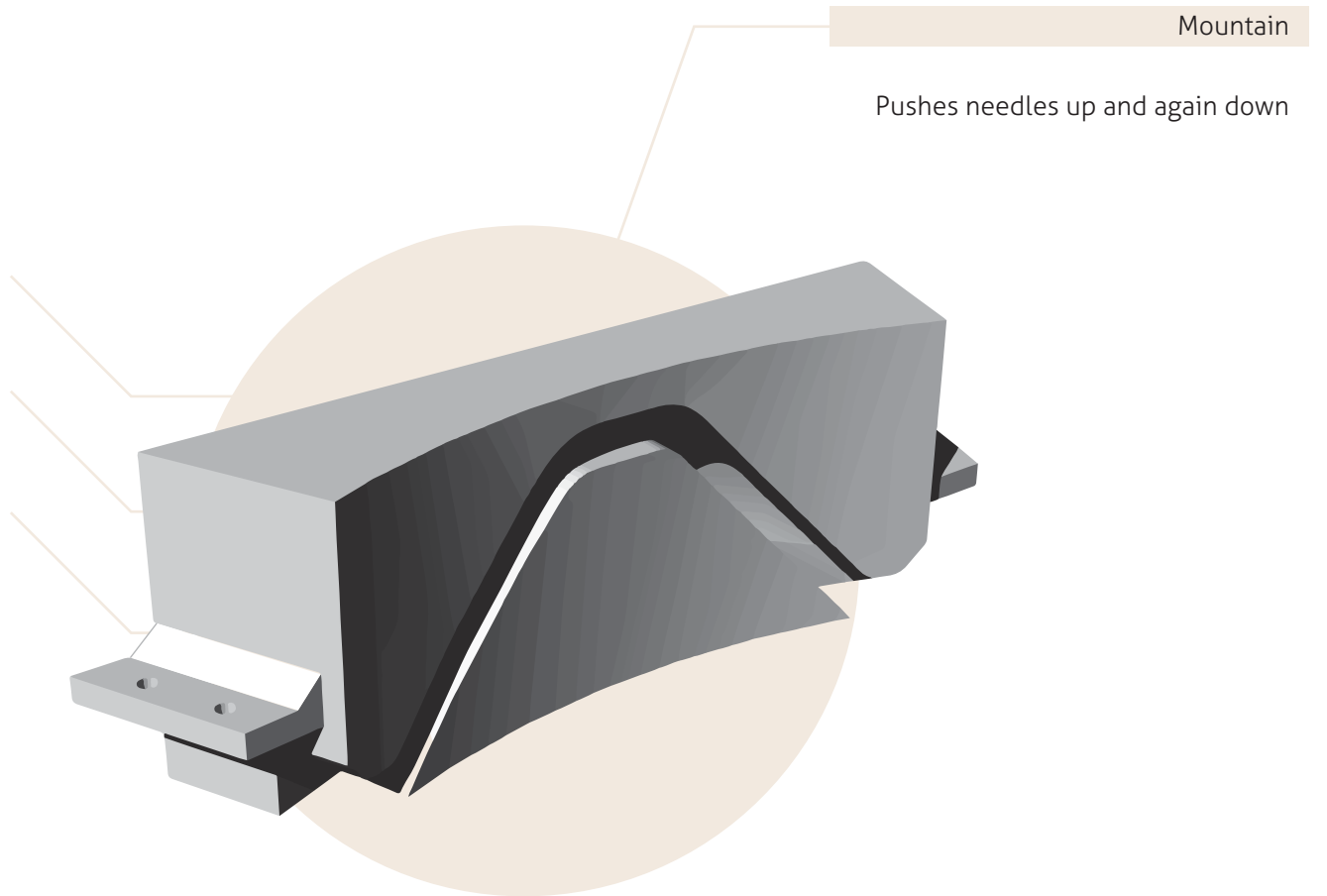
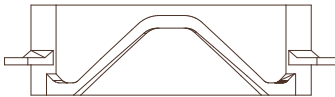
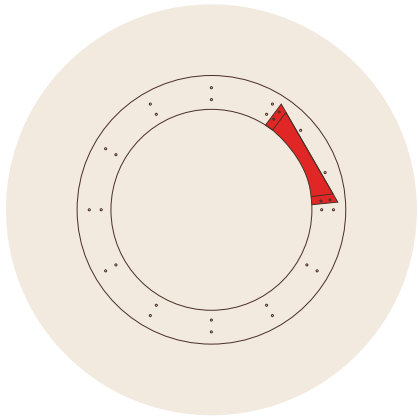
11 x Connector

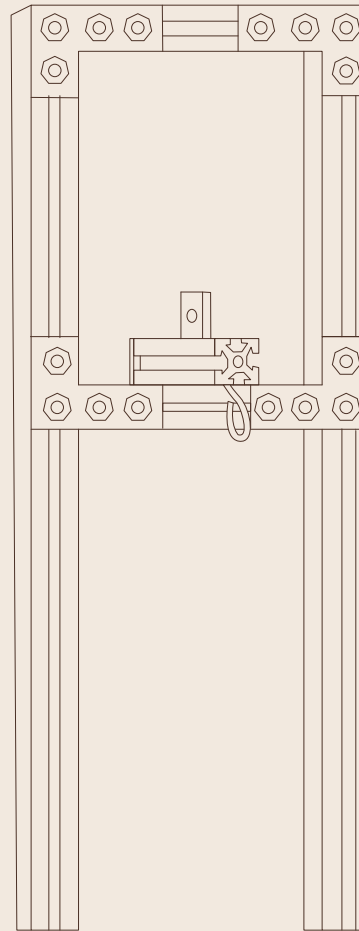
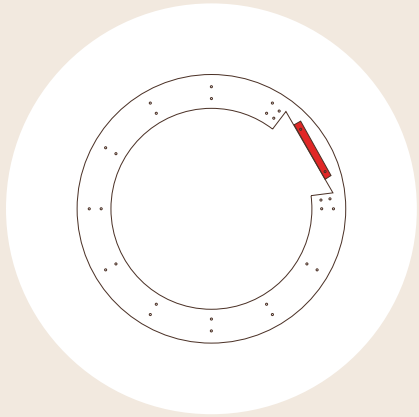
connects upper and bottom plates

Upper surface

fix mountain and makerbeam parts here





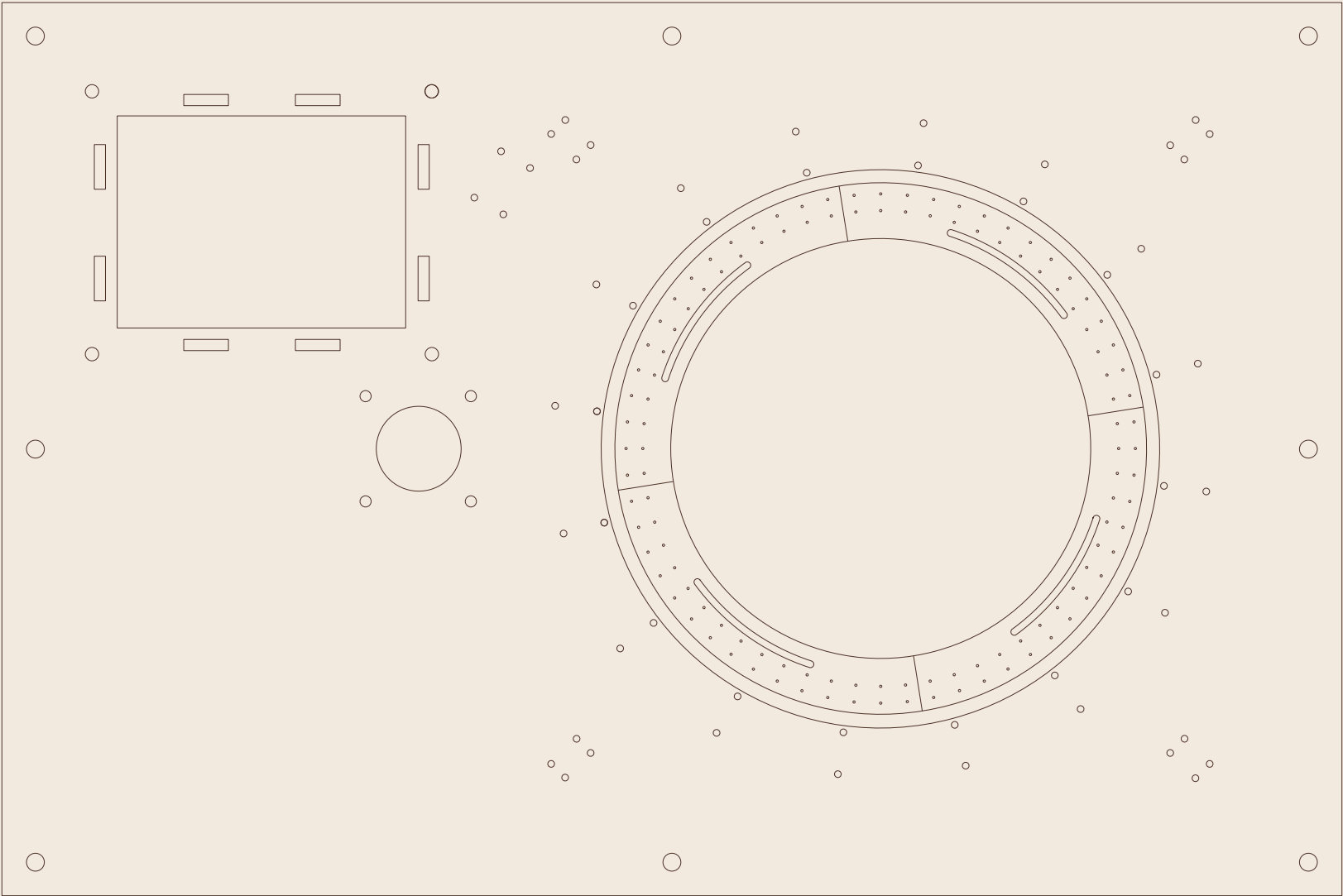


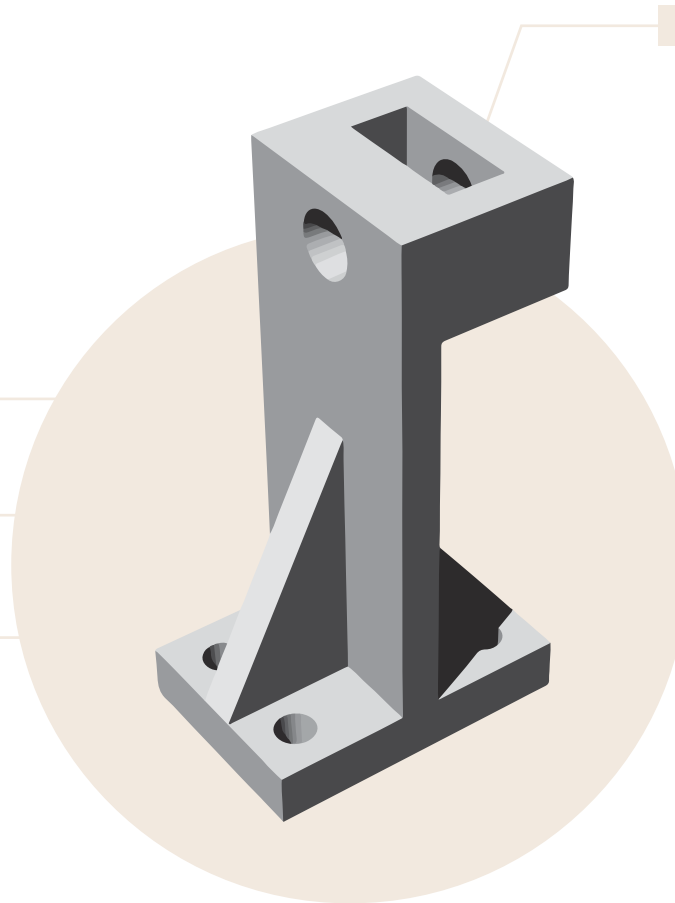
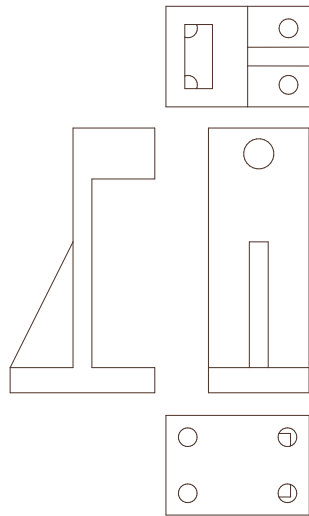
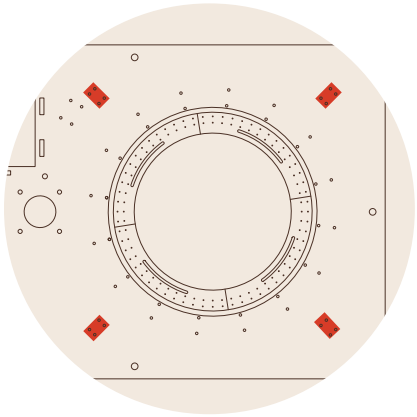
Yarn-feeder

Use 2 x 200mm beam  
2 x 60mm beam  
1 x 40mm beam  
made out of makerbeam



here will be mounted all the machine parts



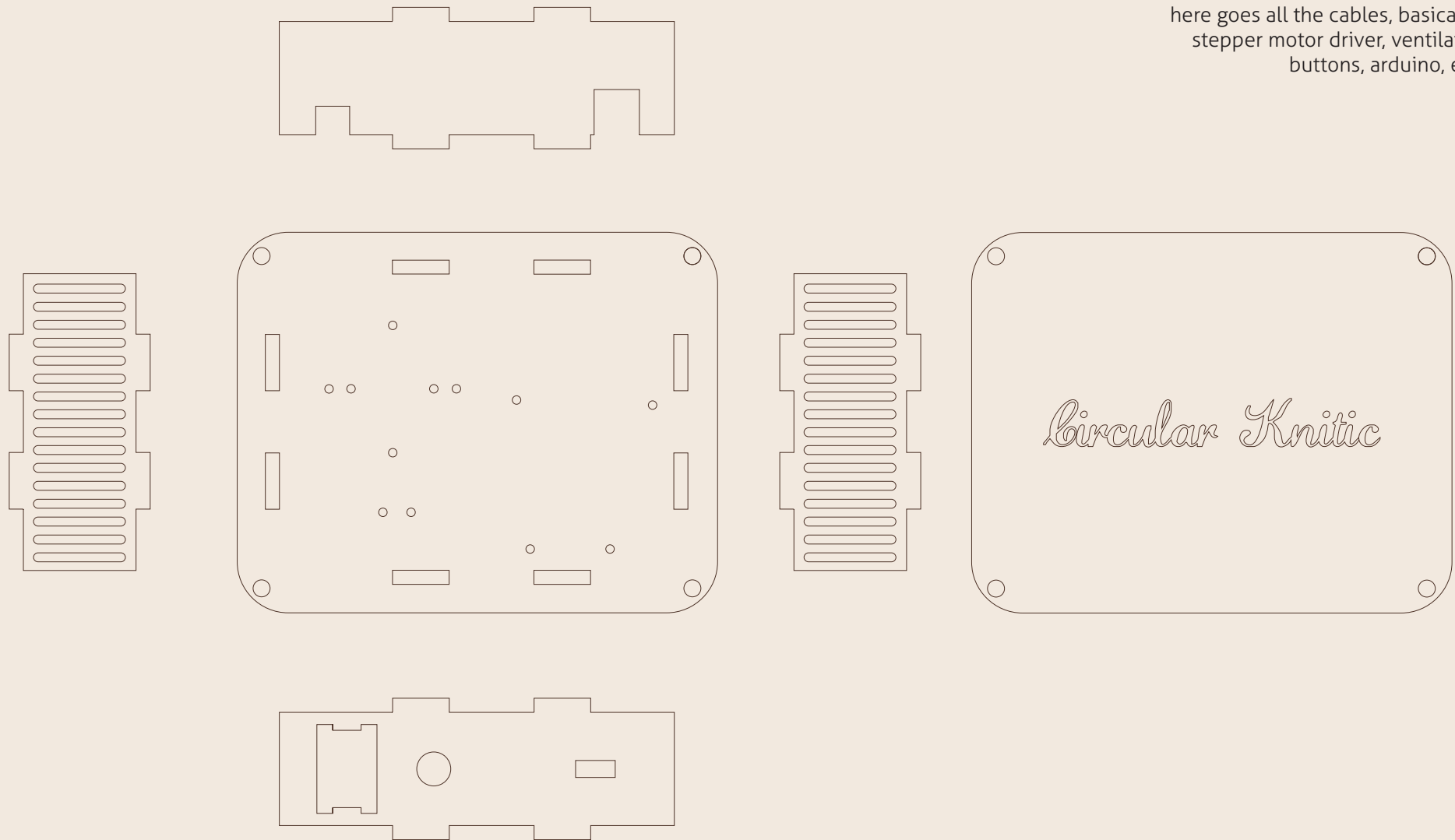


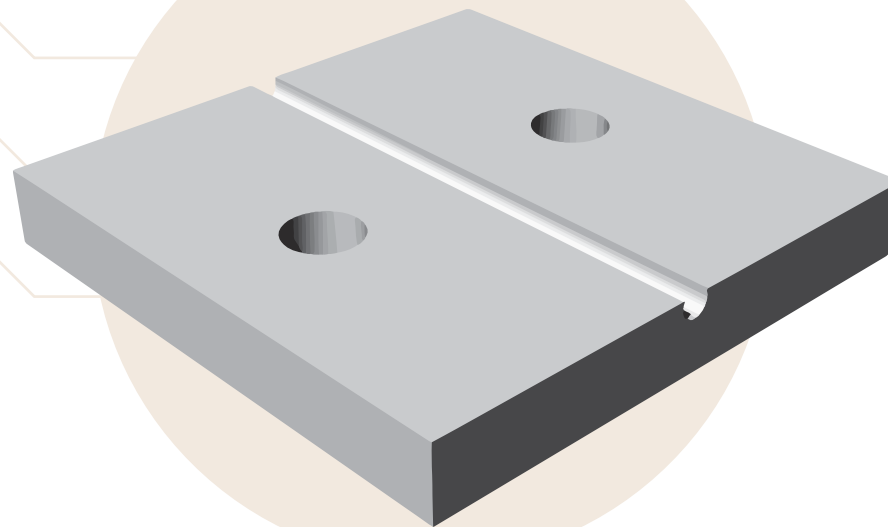
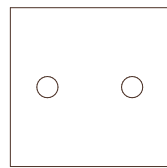
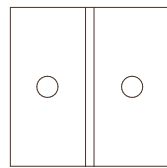
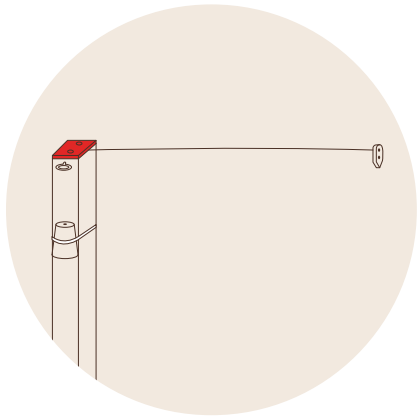
4 x Z-shape

keeps the surfaces down and  
doesn't allow to move them up

## Box of electronics

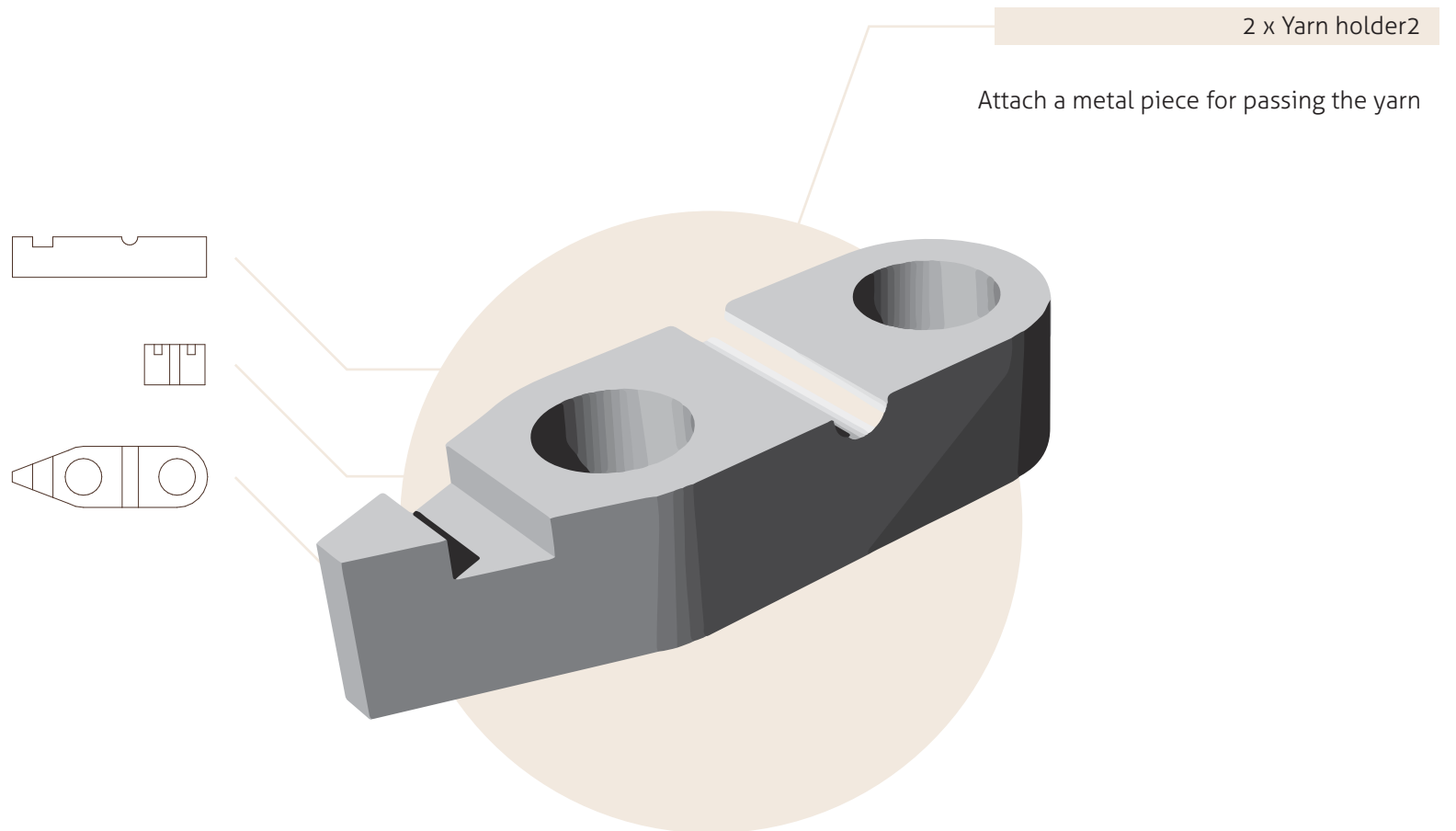
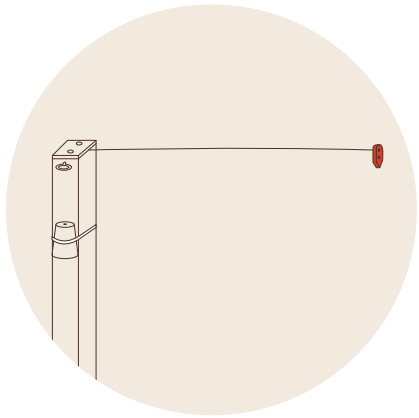
here goes all the cables, basically:  
stepper motor driver, ventilator,  
buttons, arduino, etc.

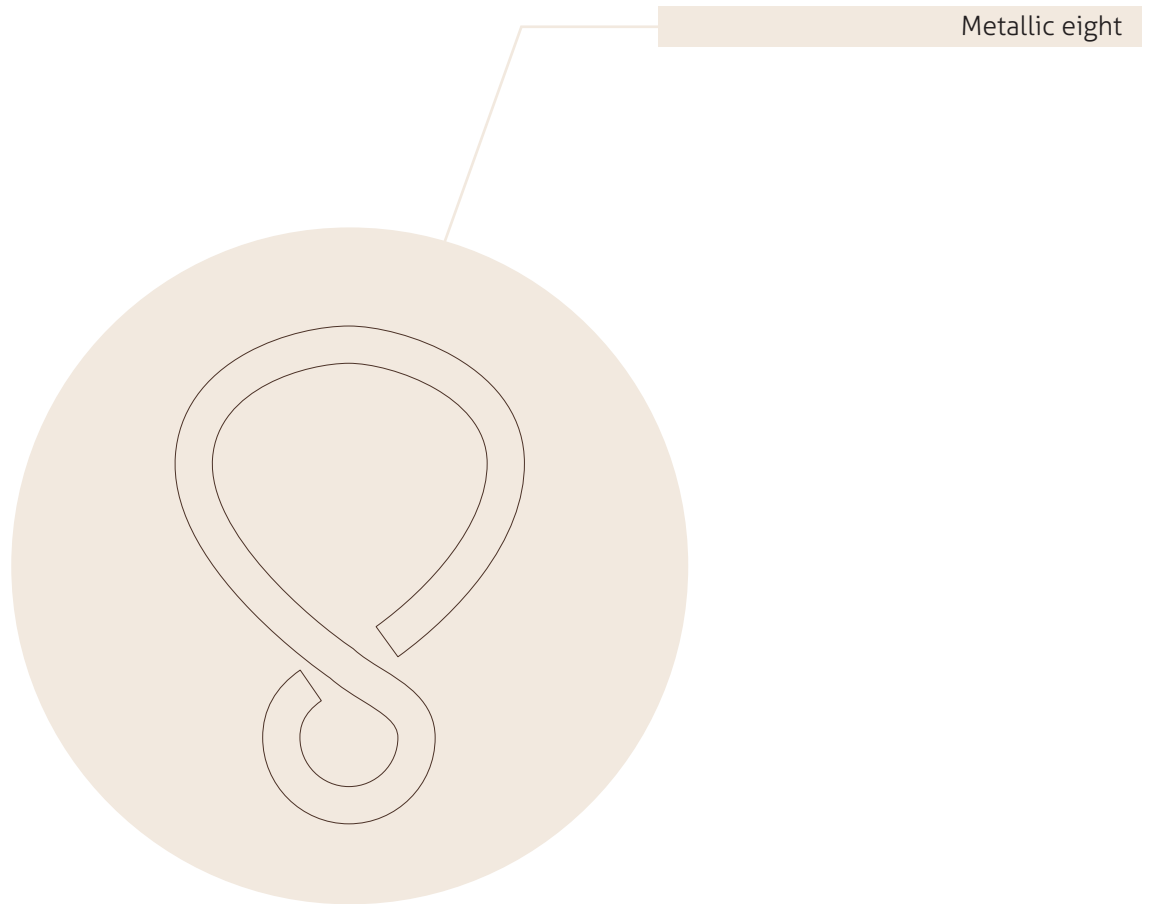
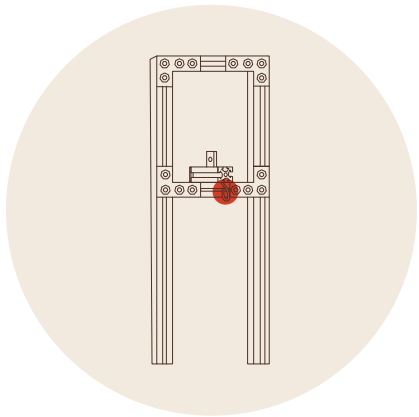
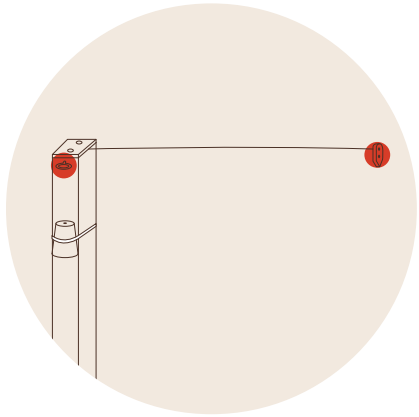




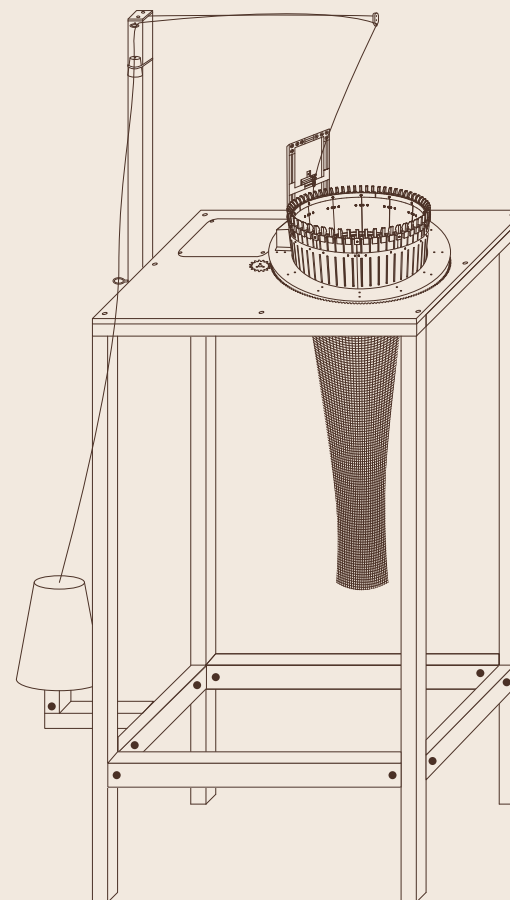
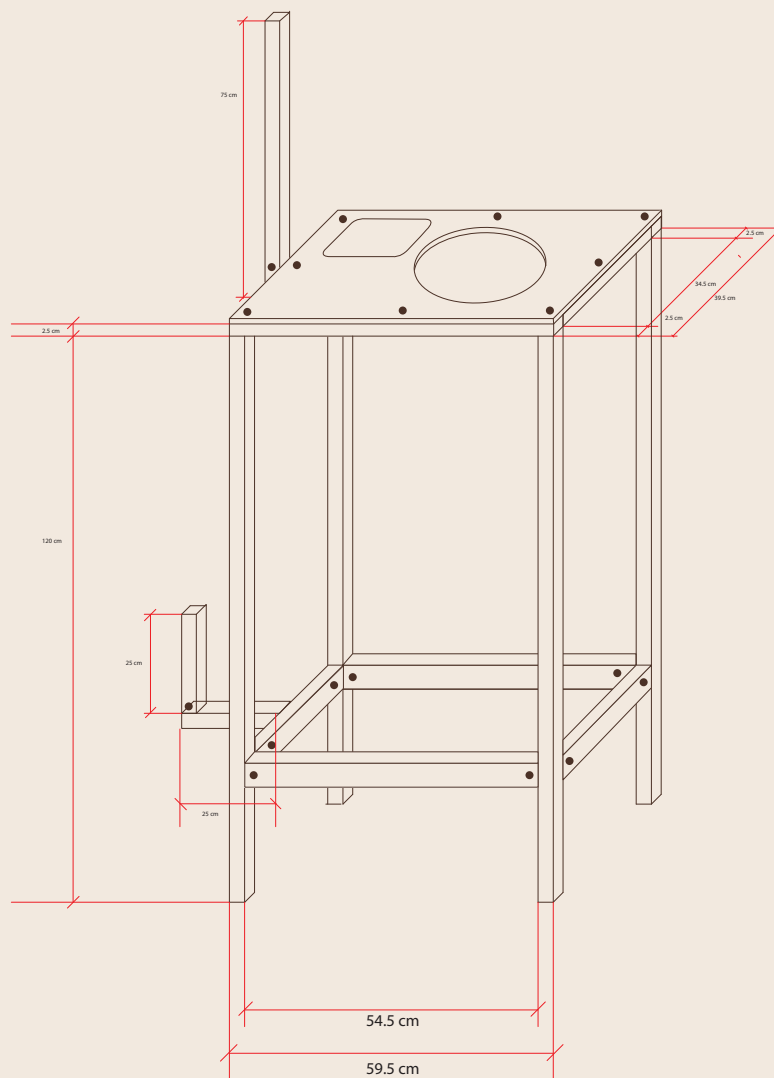
Stick holder

this item fixes a stick, which brings yarn to the machine, into the table





Circular Knitic table





Curated by

David Cuartielles

20th December 2014 - 31th July 2015

Commissioned by

**eTOPIA\_**  
center for art  
& technology



**Zaragoza**  
AYUNTAMIENTO

More info:

[www.knitic.com](http://www.knitic.com) - [www.var-mar.info](http://www.var-mar.info)

Catalog design: Jesús Rodríguez