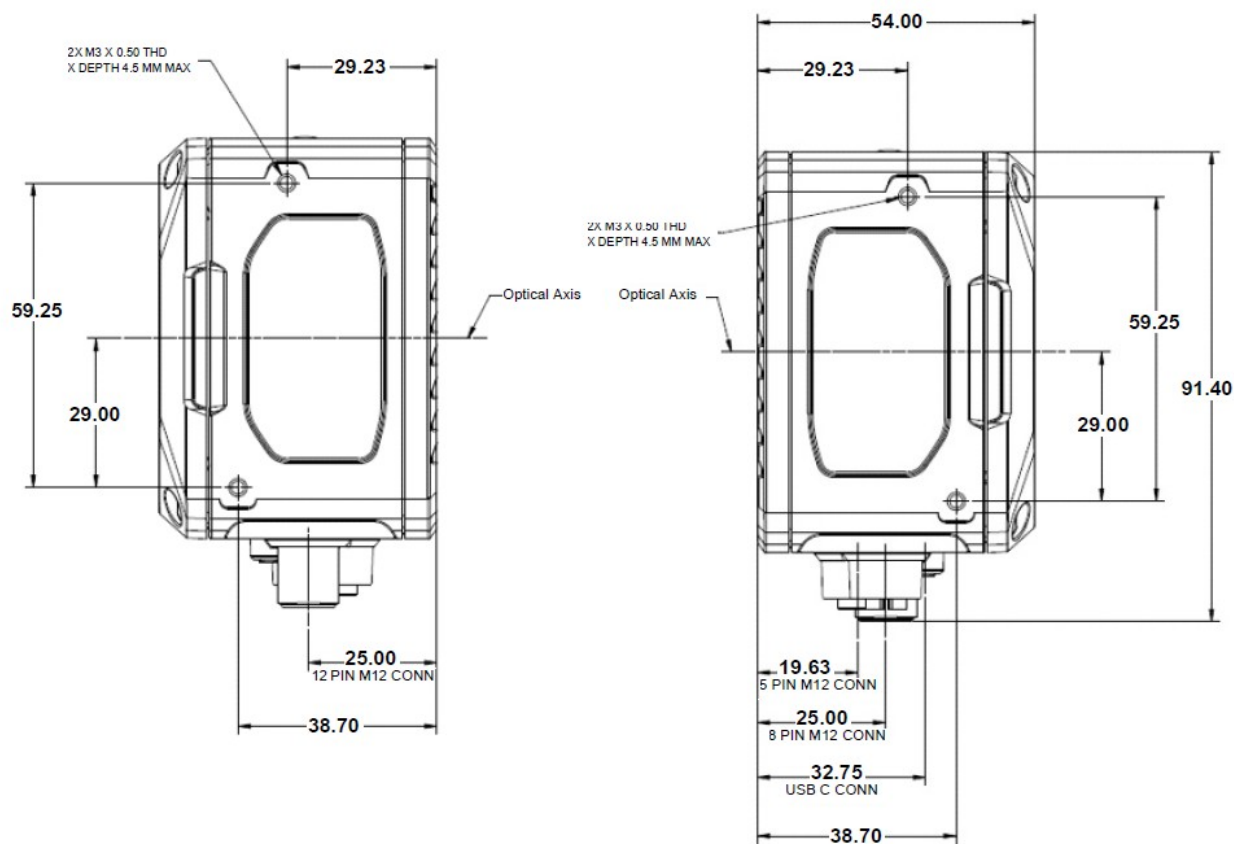# FS40 Pivot Bracket

Version 2.0

Version 2.0

- Rotation angle expanded

- Fixed an issue with the text on one side (but the resulting text has a poor quality)
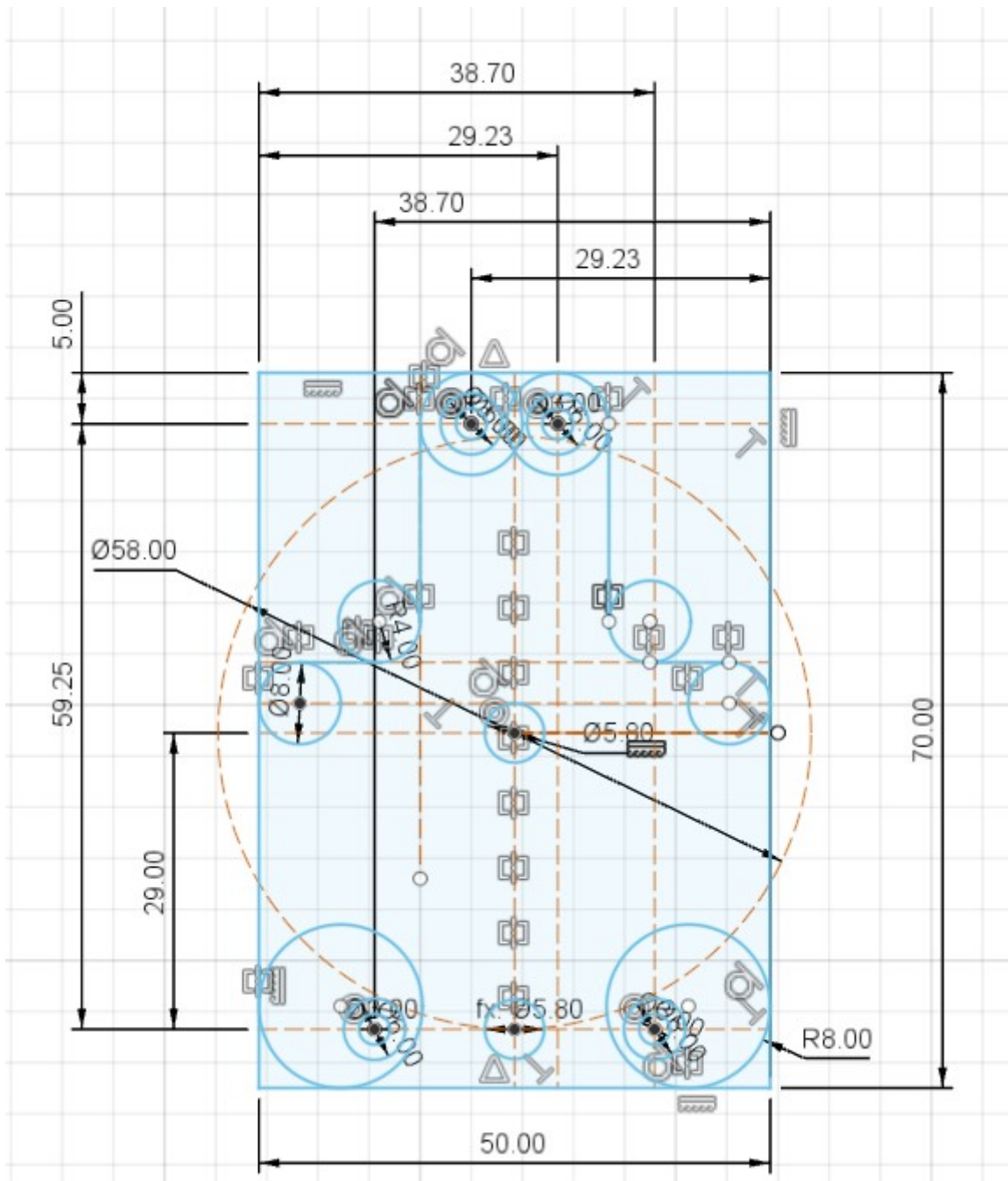
- Larger 8.2 hole in the base

Camera drawings
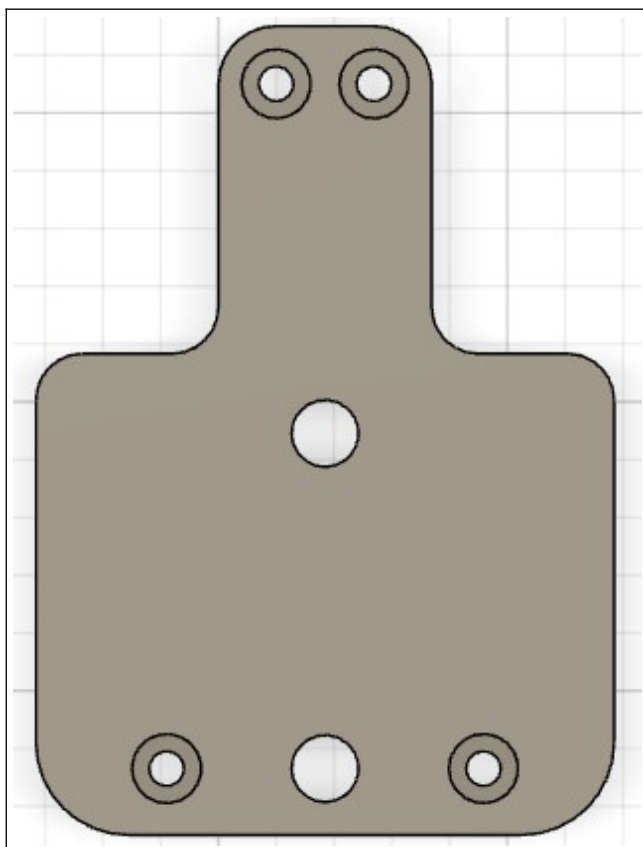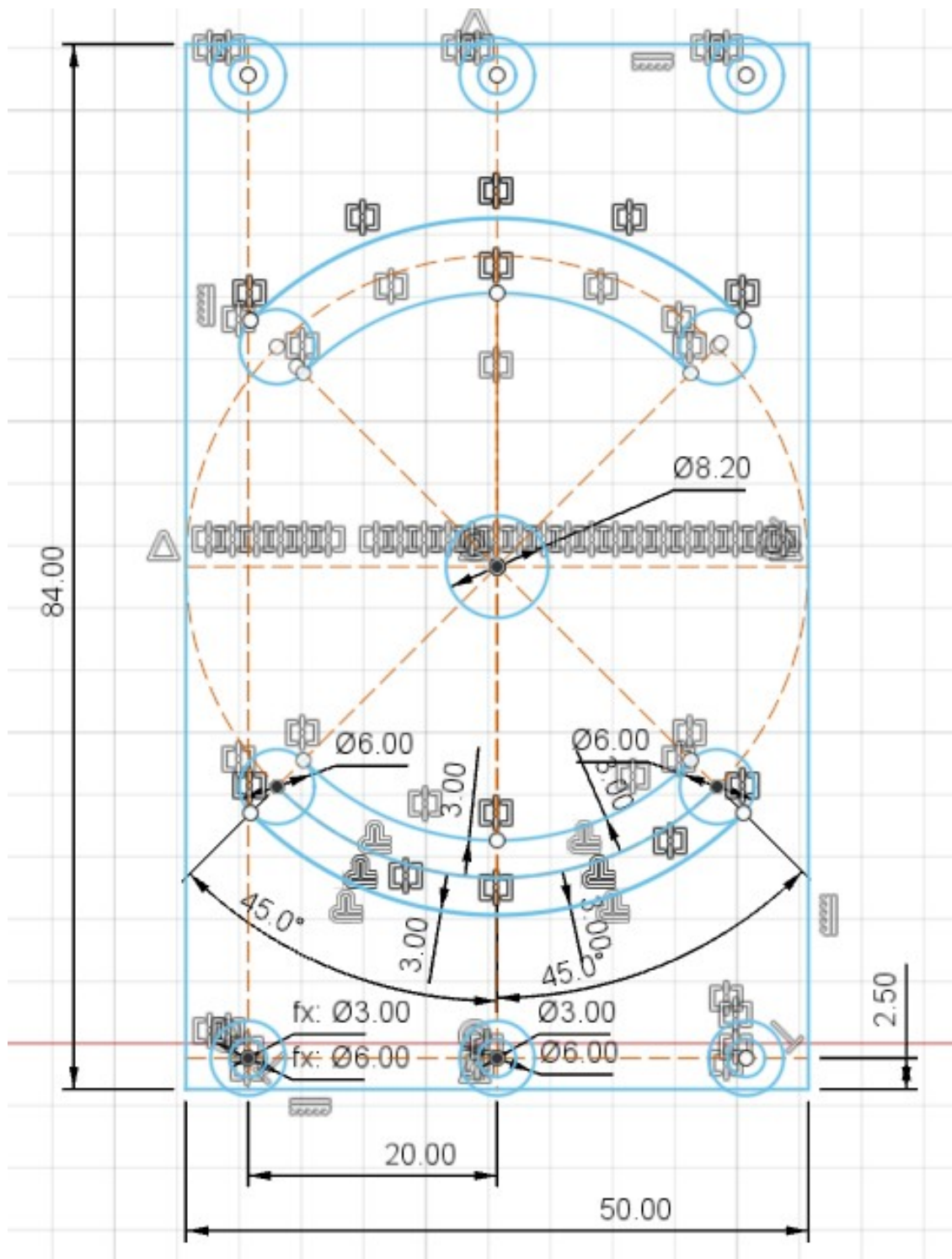
Figure 1 xS40 Side Dimensions

Adapter Plate

This plate is to connect to the camera side to the bracket creating a hinge centered around the camera optical axis
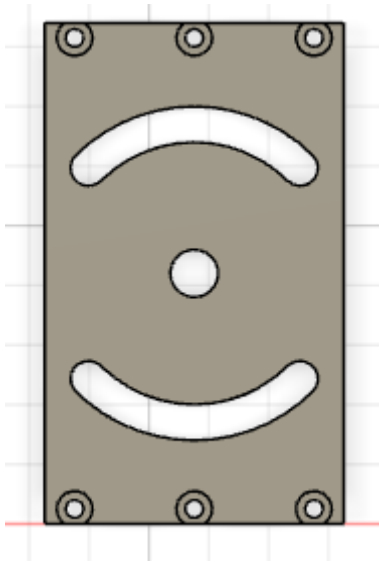
The bracket is symmetric and has twice the needed M3 holes just to use the same plate on both sides.
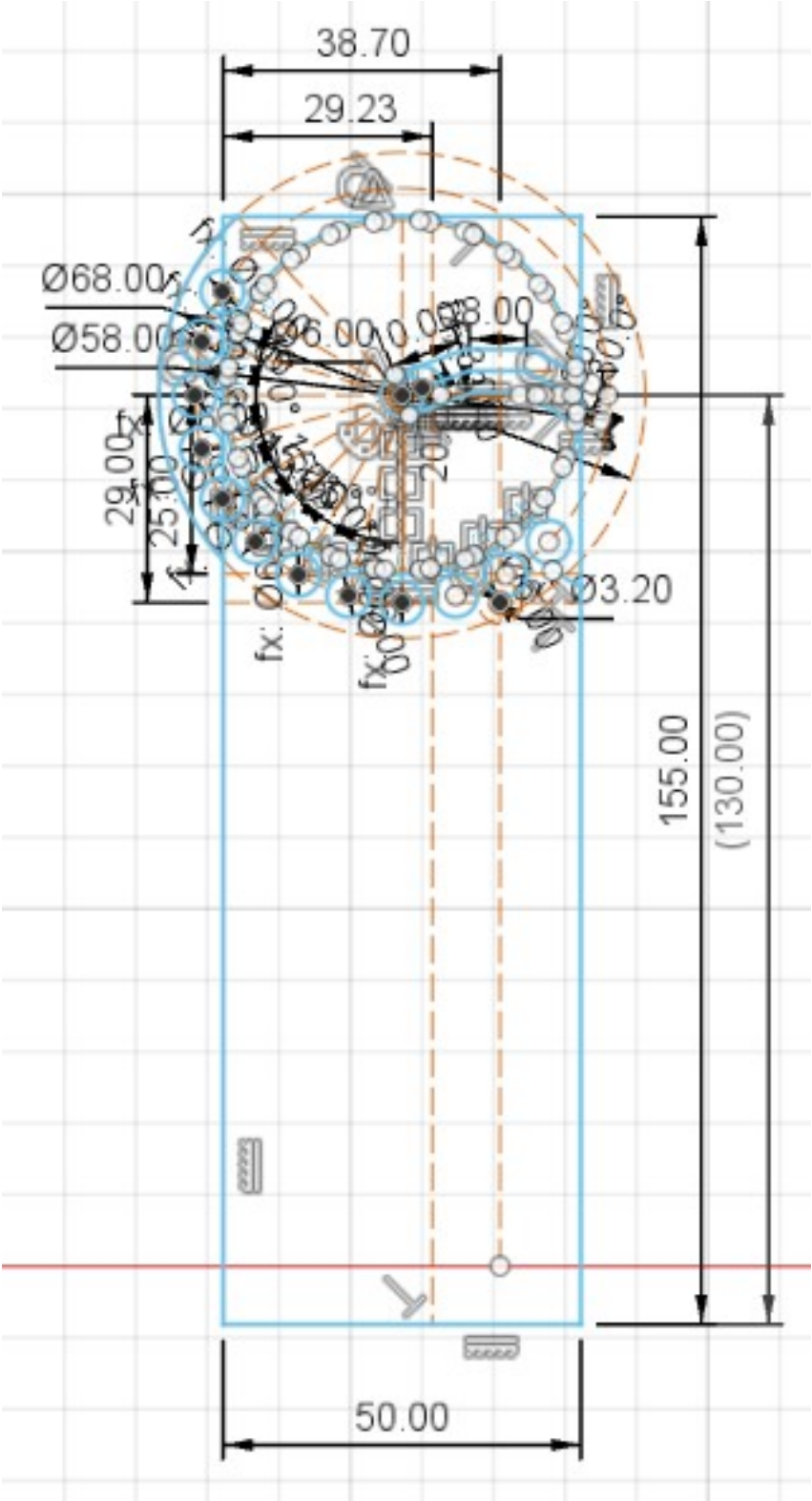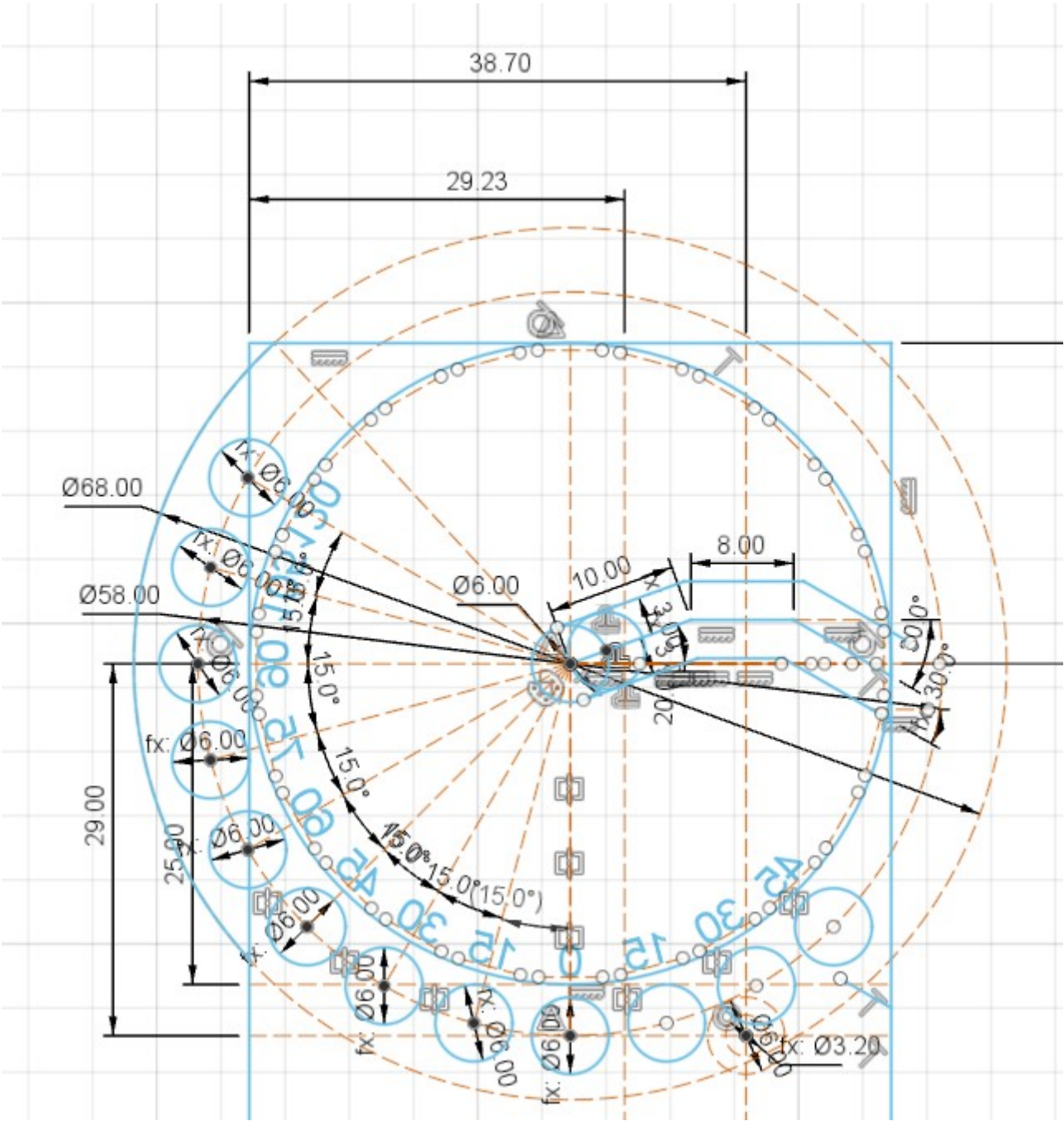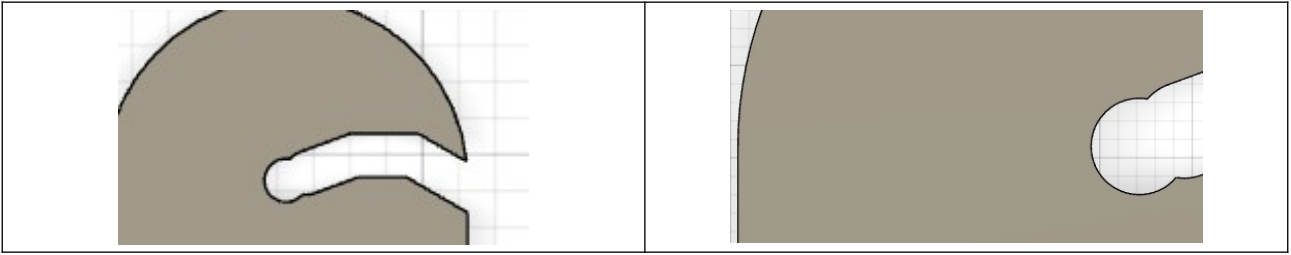
Base

Final result

Shoulder

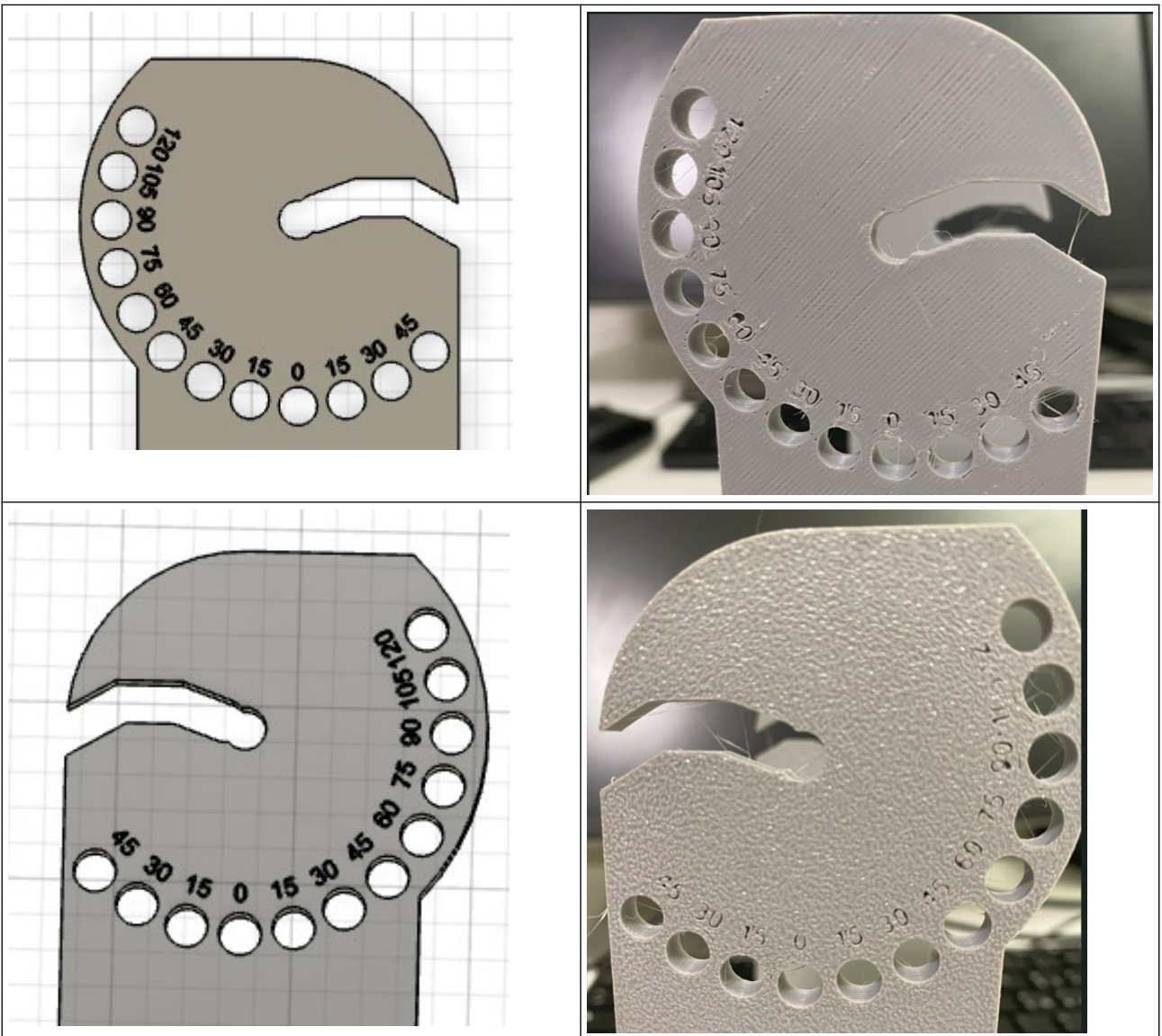Version 2.0: larger rotation angle thanks to more locking holes. Now we can rotate from -45° to 120°

This is the detail about the locking holes

The pivot is made with 2 angles so the camera wouldn't fall down even with the brackets in vertical position. Two small teeth act as a stop block.
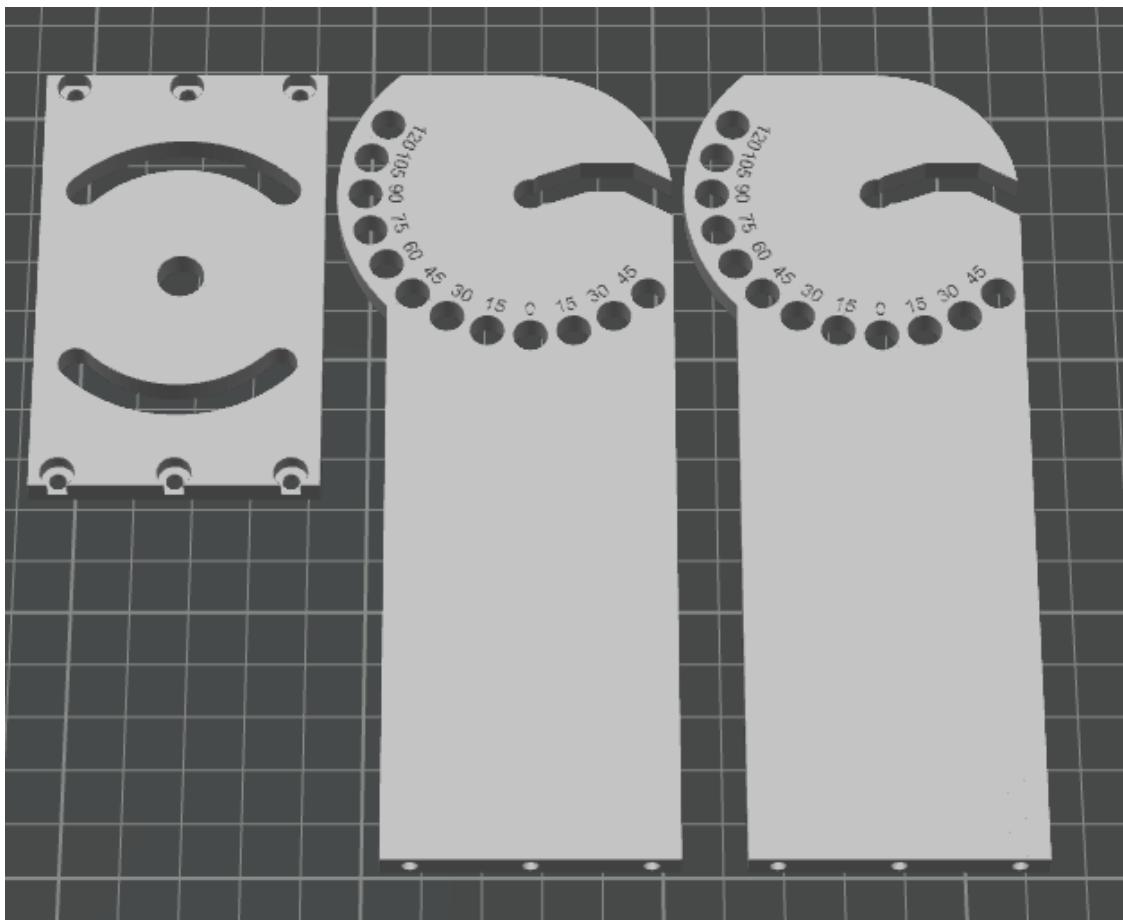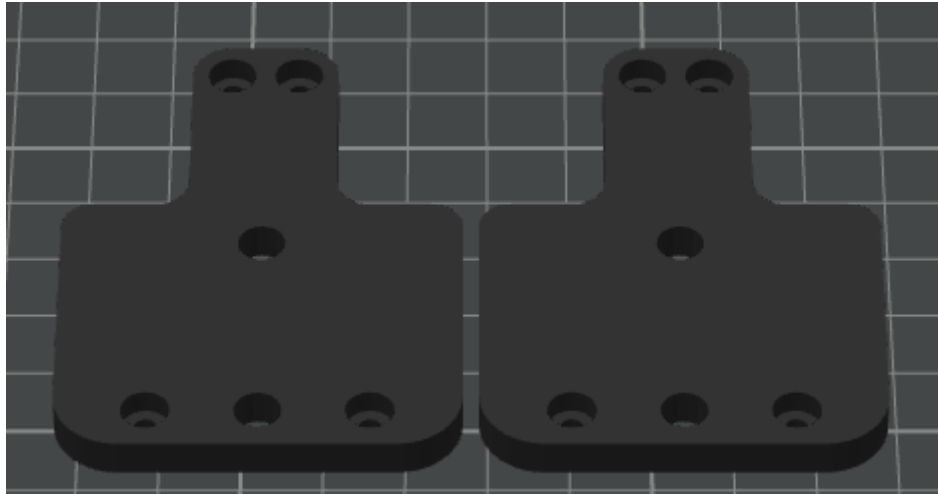

Embossed text indicate the rotation angle (but the result is not satisfactory)

BOM

- M3 x 20 Screws: 6
- M3 x 10 Screws: 4
- M6 x 10 Screws: 4
- 6mm washers: 2

Final result