

FS80 Bracket

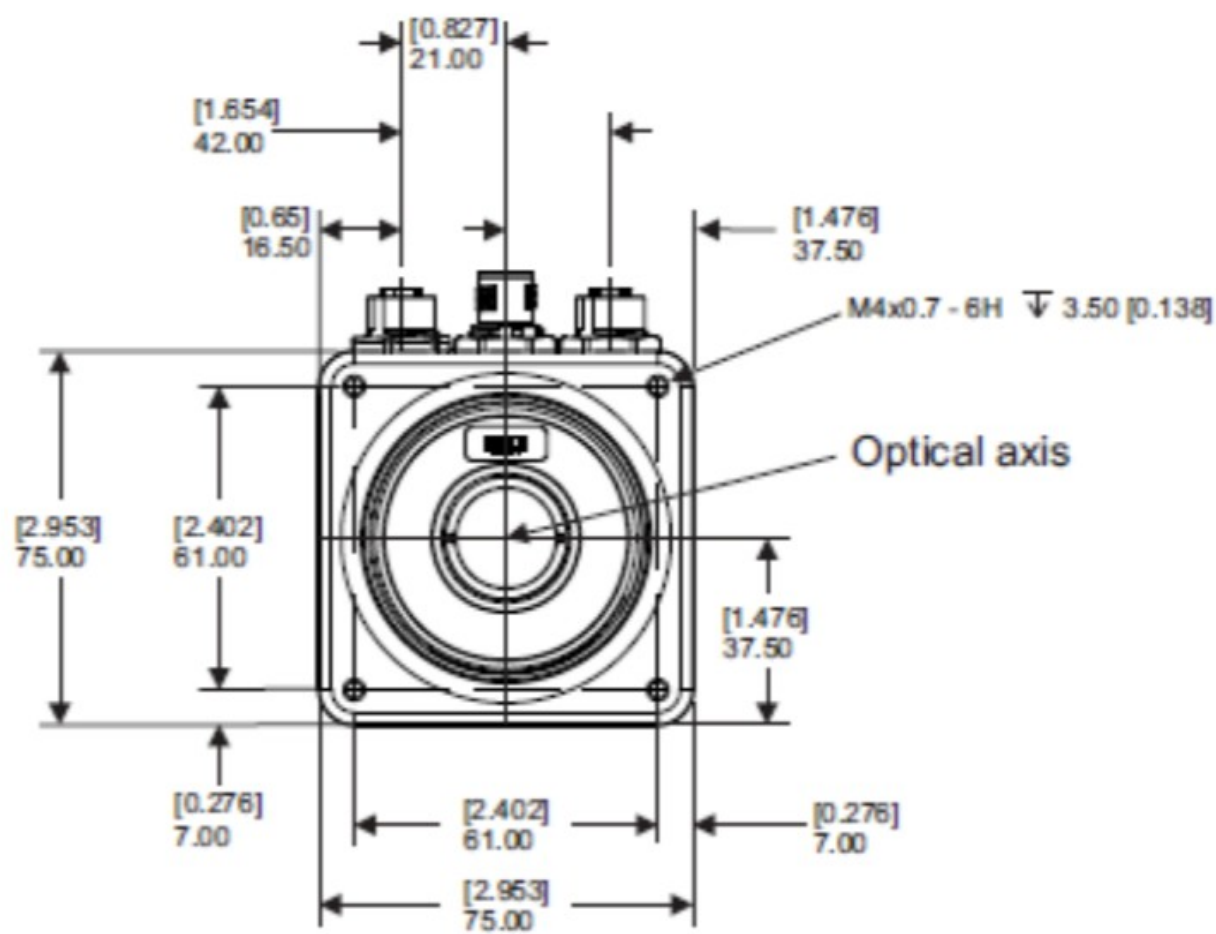


Project Goals

Create a support bracket than can simplify the test of an FS80.

The bracket is not intended for field installation but only for short term lab test.

Mounting Drawings

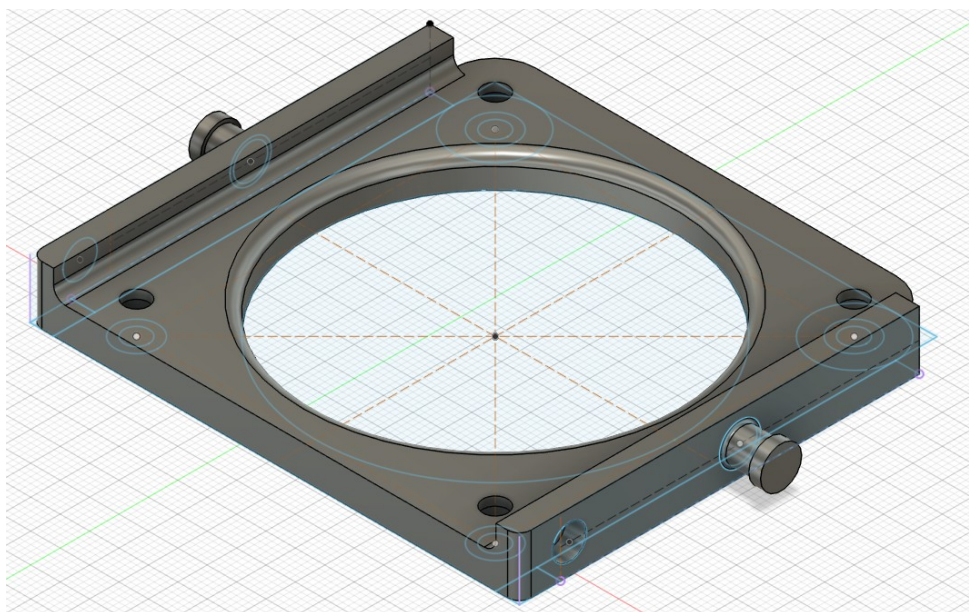
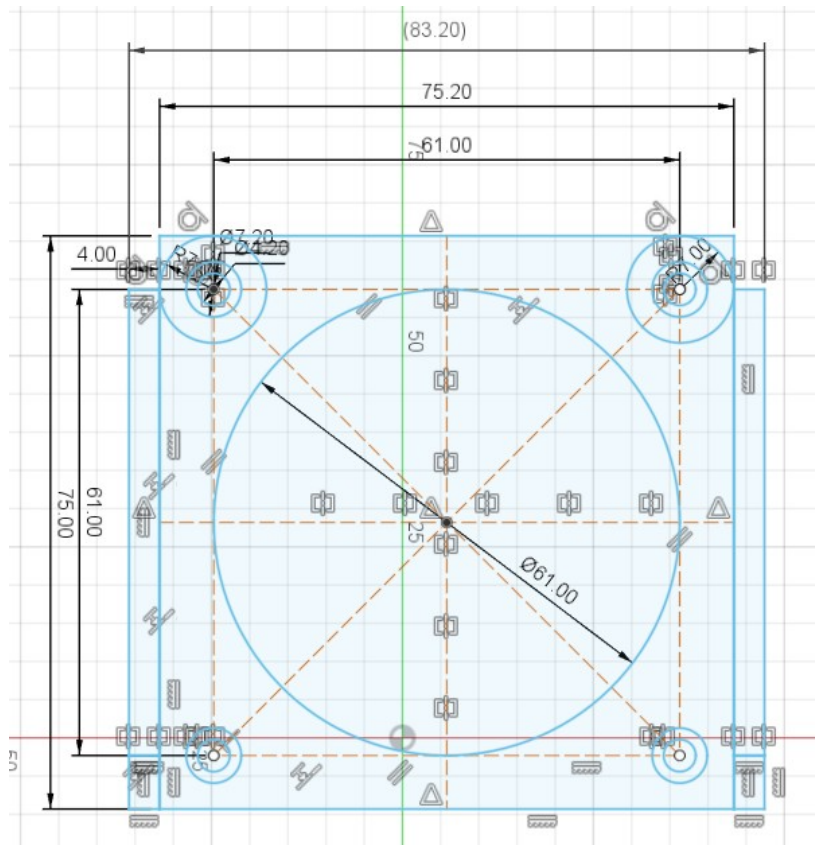


Design

FS80 Bracket

Mounting Screws: 4x 4 mm diameter / 6 mm length

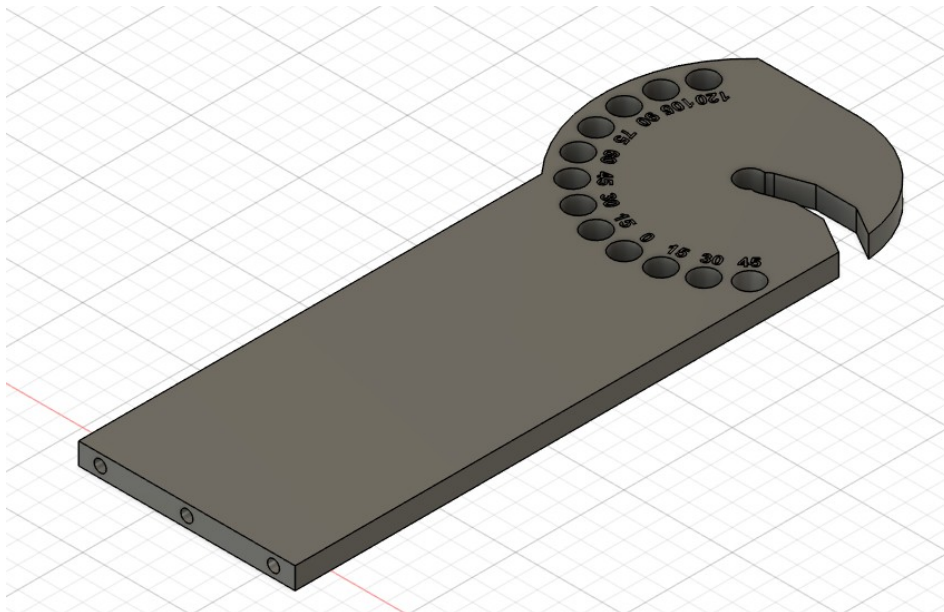
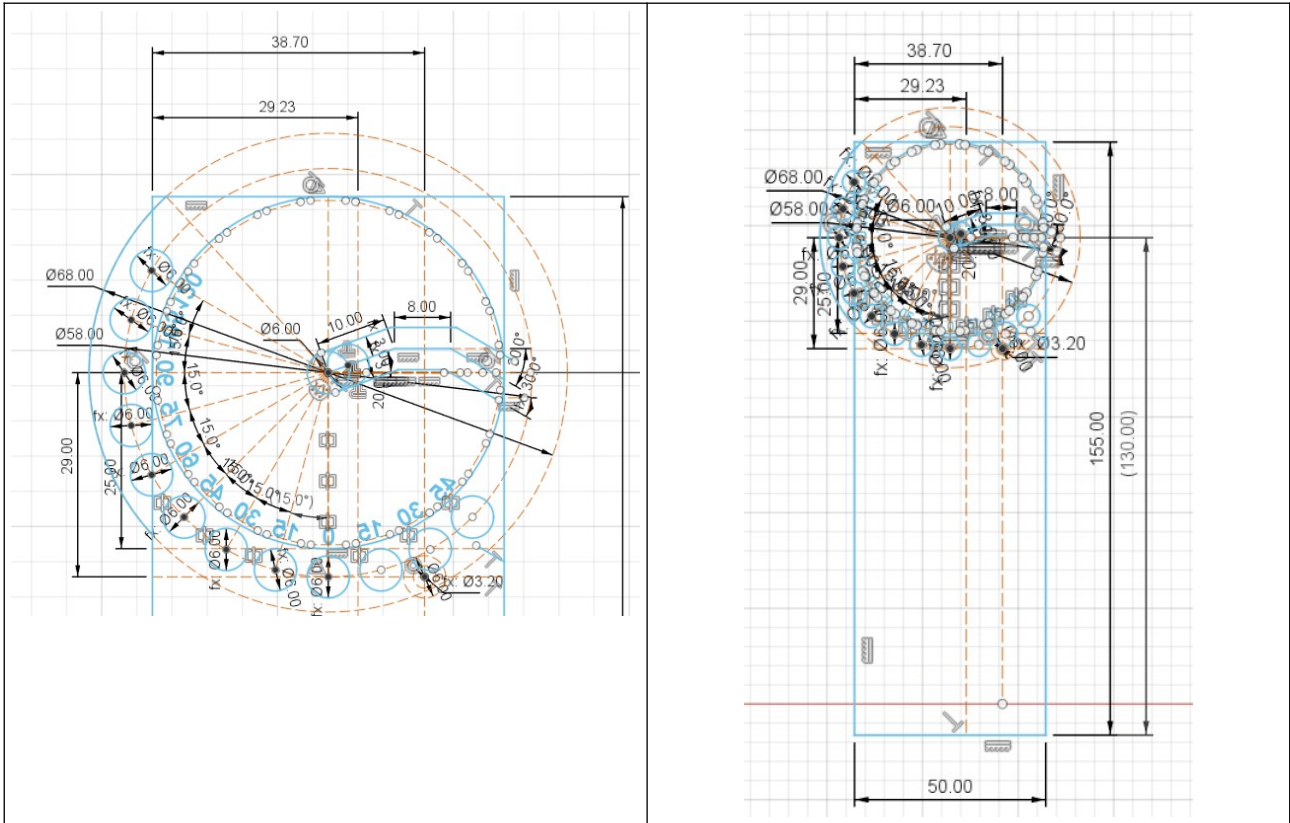
Support Pin: Diameter 5.8 mm, height 7 mm



FS80 Shoulder

Center slot 6 mm

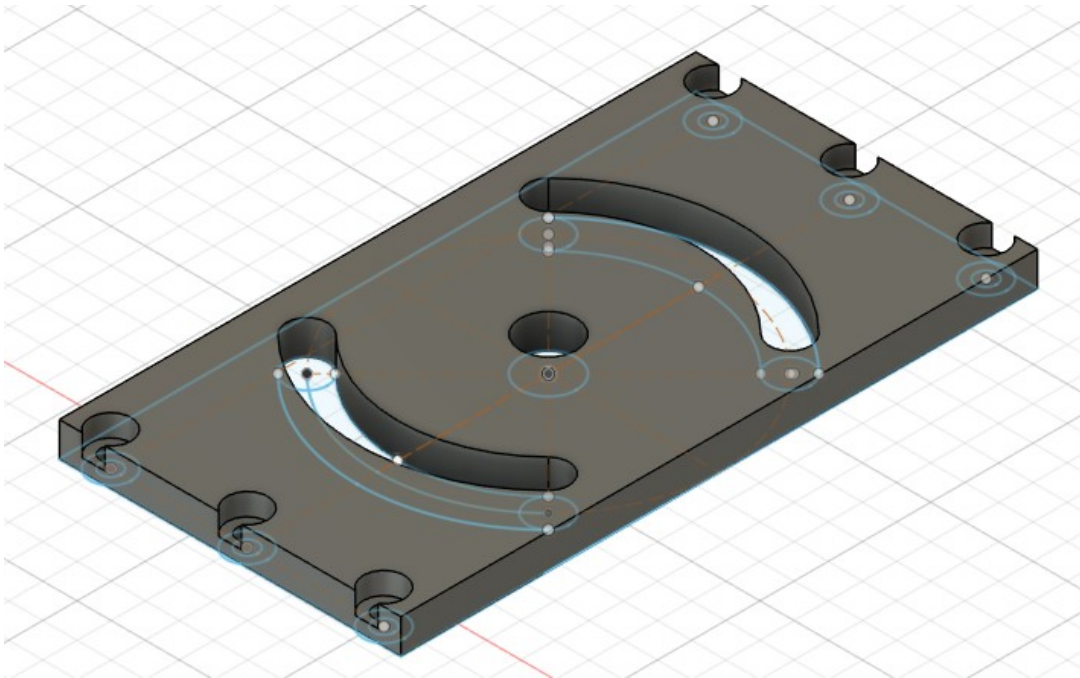
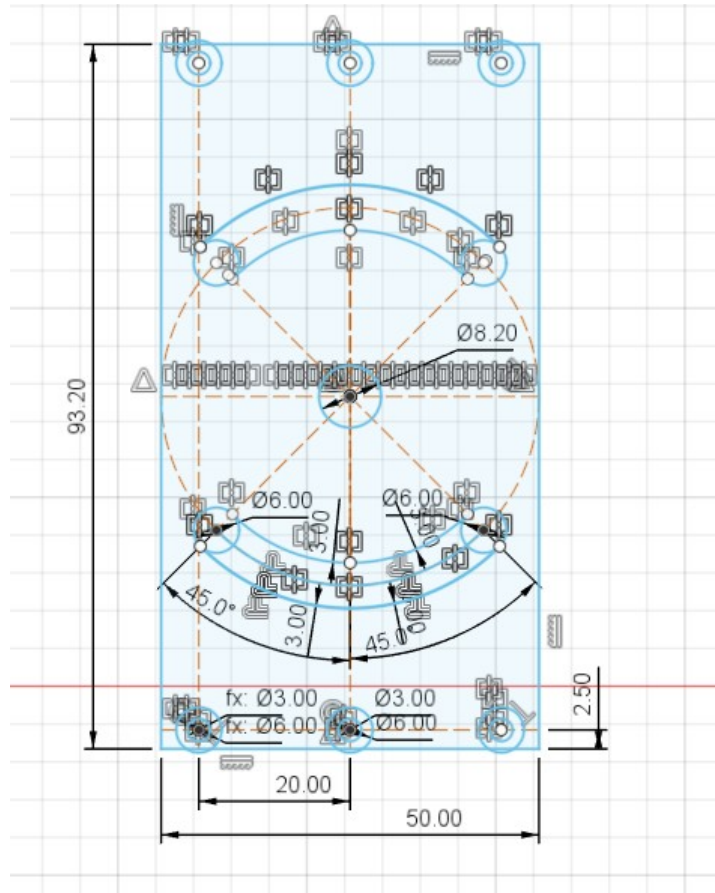
Locking screw: 6 mm x 10 mm dept



We need 2 of this shoulder.

FS80 Bracket Base

Mounting screws: 6x 3 mm diameter x 16 mm long



Components Pictures



For Next iteration

Temperature resistance of the bracket need to be validated.

Maybe a different connection between the camera body and the flange can shield the bracket for excess temperature.

The text in the graduation area has a poor readability. Try to double the size and use only half number of labels.

