

## MAE-94 Lab Assignment – 2A

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Date: 07/02/2020

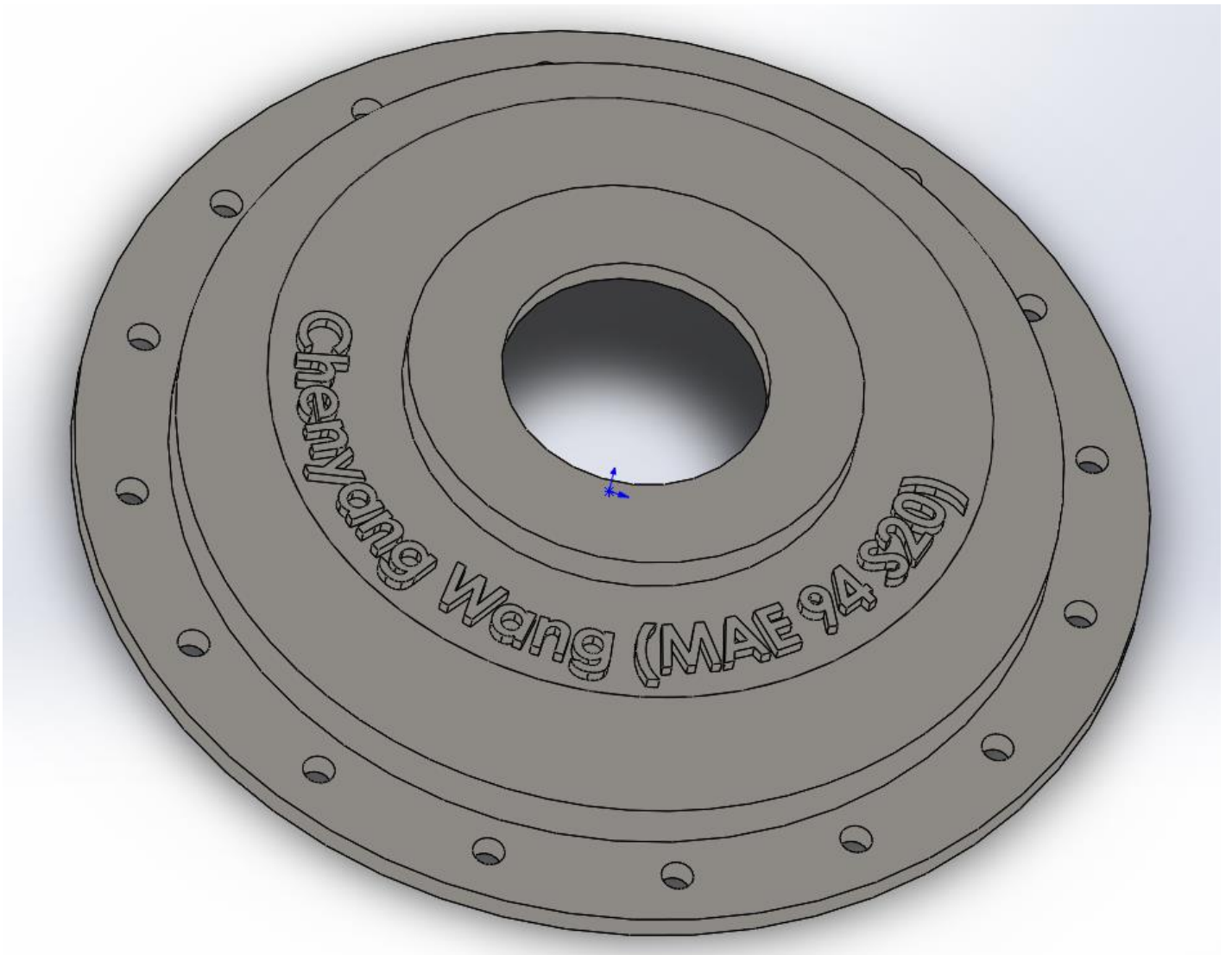


Figure 1. Screenshot of the pressure disc

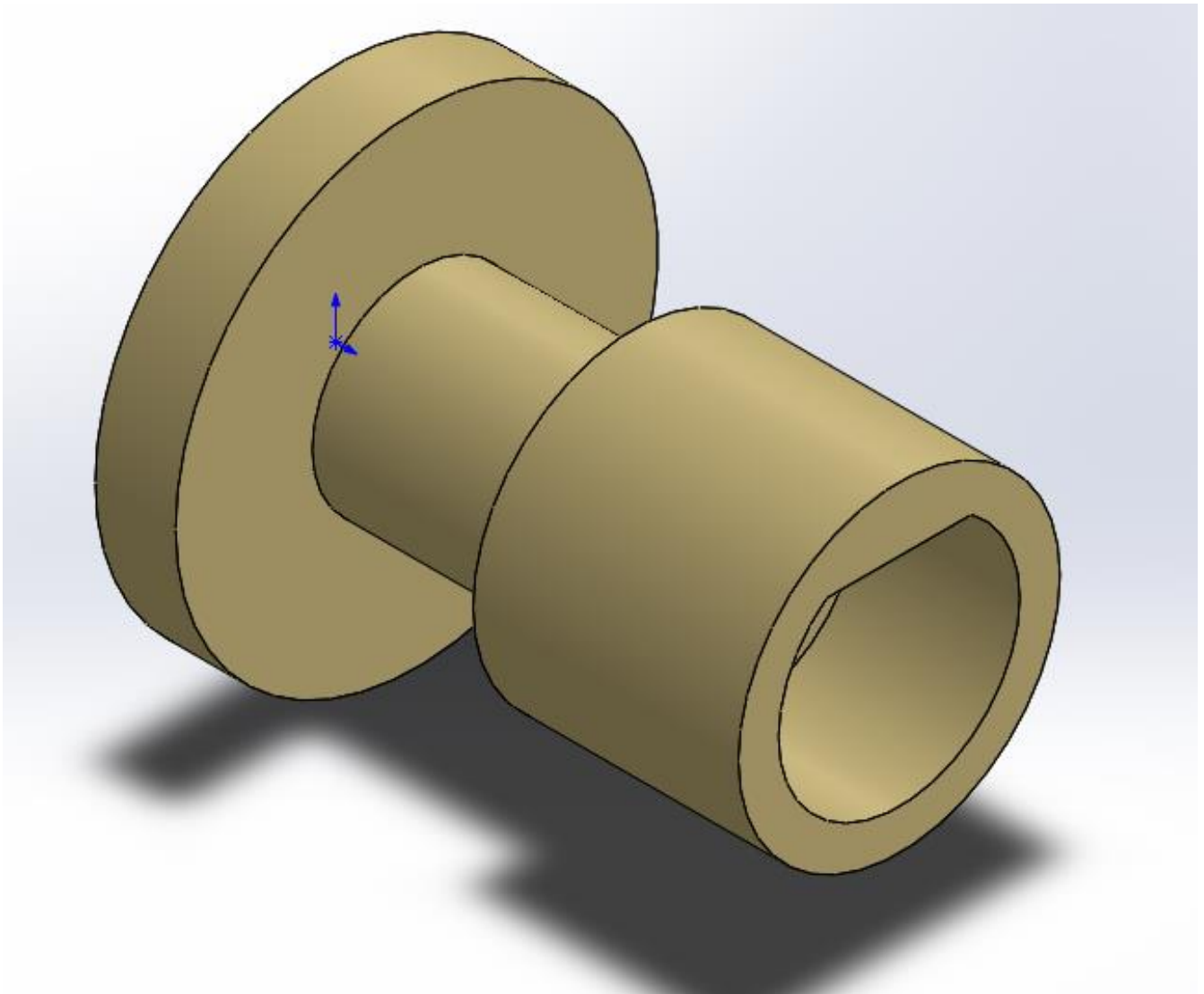


Figure 2. Screenshot of the gear mount

Material	Mass (gram)
Plain Carbon Steel	551.28
Nickel	600.75
Cast Alloy Steel	515.94
Pure Gold	1342.86

Table 1. Mass of Gear Mount

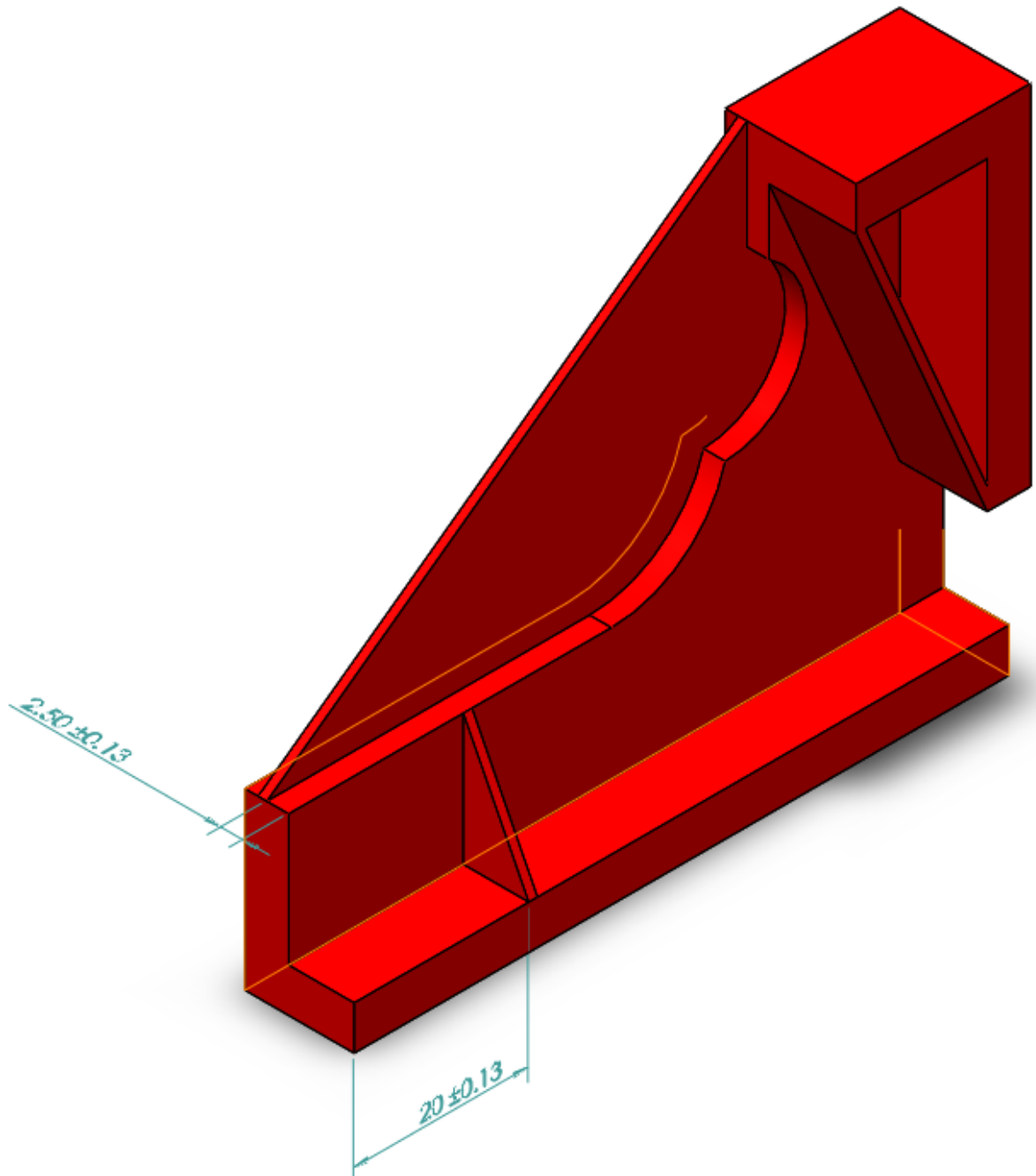


Figure 3. Screenshot of the original "Slide Lock Housing" part with no fillet and added ribs