

## Lab 02: Introduction to CAD / 3D Modeling

- Using OnShape (using <https://duke.onshape.com>), create the two parts specified in the following mechanical drawings:
  1. Flange
    - Add a 5 mm hex head set screw (other specifics, e.g., thread pitch, are arbitrary) to the flange collar to hold a rod in place
    - Generate an assembly with a mocked rod part
  2. Fox Transfer Cable Bushing
- Try to make the steps to complete each part “make sense” and be efficient.
- Create the mechanical drawings for your parts.
- Attach PDFs of your mechanical drawings and screenshots of your steps to build each part to the associated Gradescope assignment.



