

Practice Exercise – Hanger Bracket

Section 3 – Basic Part Design, Suggested Outline: Beginner to Certification

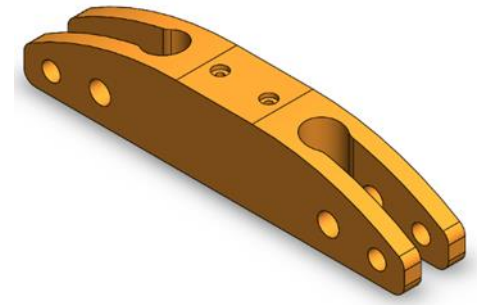


Summary:

In this exercise, you'll create a Hanger Bracket design that includes multiple symmetric features. By starting with a basic shape, features can be created on that shape and then mirrored about a plane to create the final geometry.

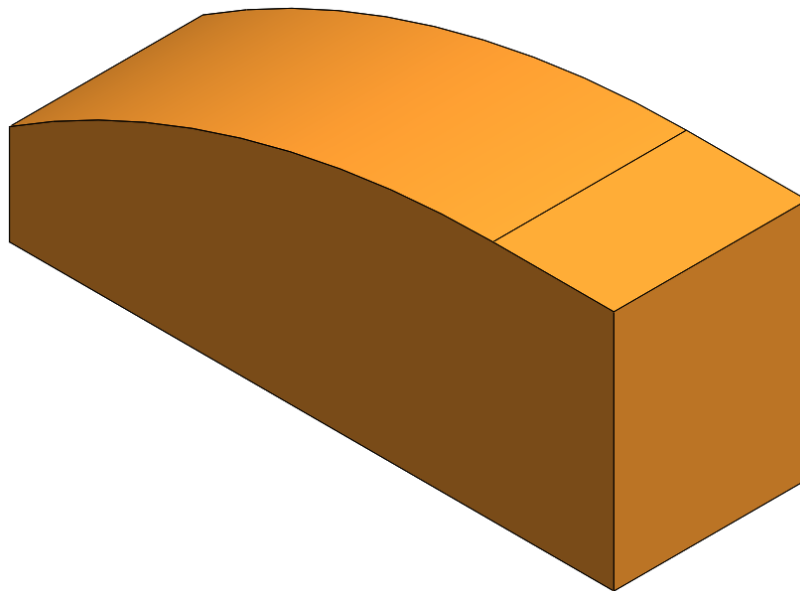
Reference Lessons:

- [Hole in Tab](#)
- [Mirror Feature](#)
- [Hole Wizard](#)
- [Fillet](#)



Instructions:

1. Download and unzip the part file [here](#).
2. Open the part file "Hanger Bracket.sldprt".



Practice Exercise – Hanger Bracket

Section 3 – Basic Part Design, Suggested Outline: Beginner to Certification



3. Using the beginning geometry, create the model geometry as shown in the images below. (When creating the counterbored holes, be sure to uncheck the options “Head Clearance”, “Near Side Countersink”, and “Under Head Countersink” if they’re enabled.)

