CAD Practice #3: Making Assemblies

ENGE 1414 – Fall 2024

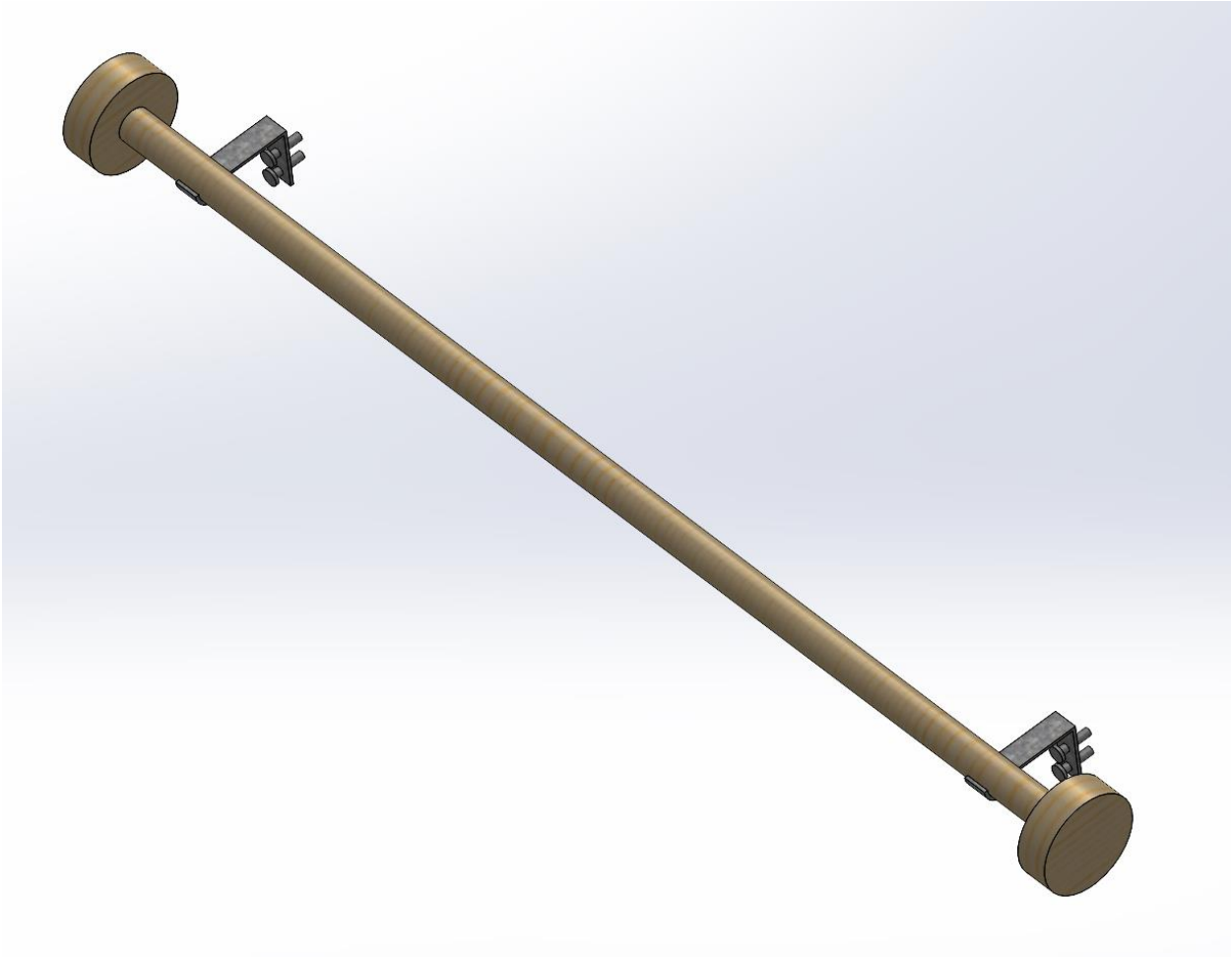
Recorded Mates

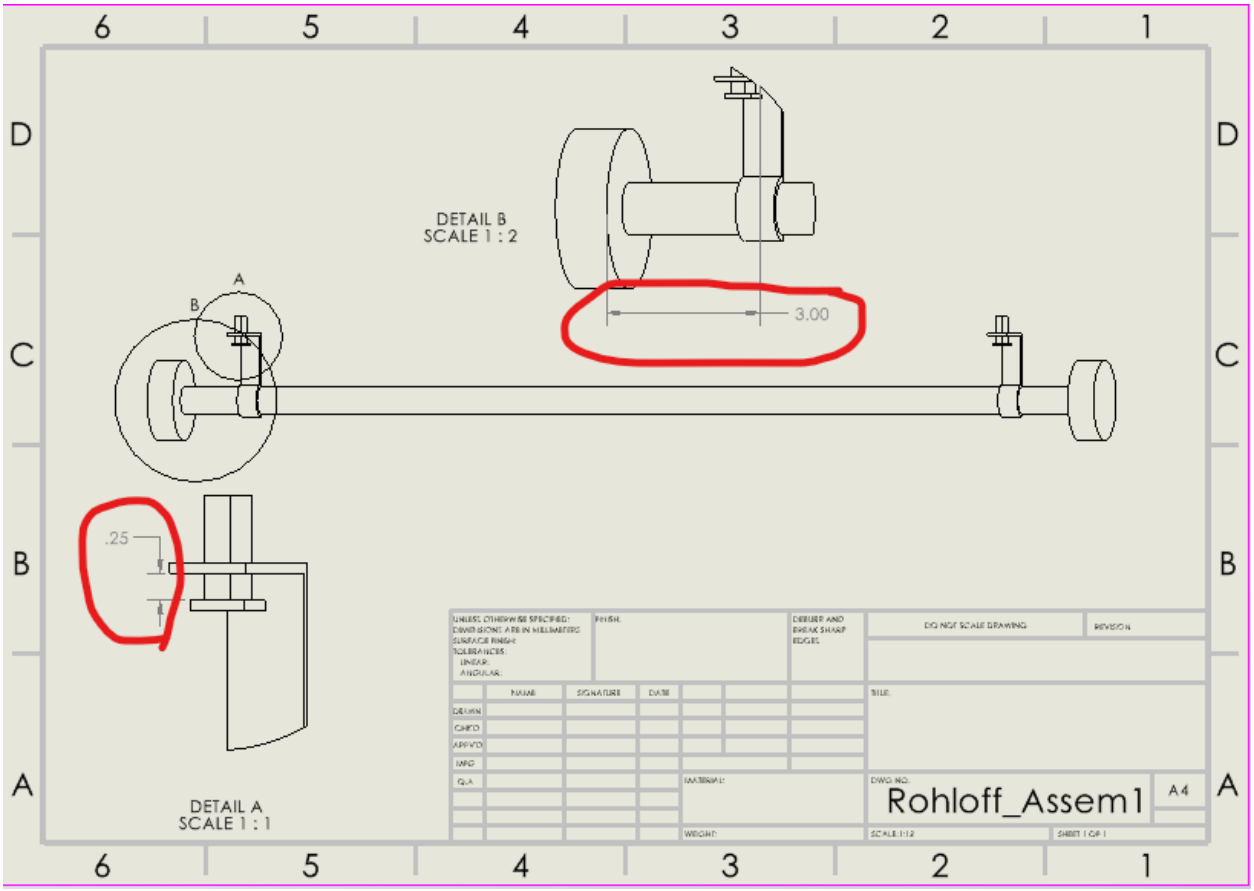
Concentric mate 1 & 2 – These mates lock the brackets onto the bar and prevent the rotation of the brackets.
Parallel Mates 1 & 2 – These mates position each bracket away from the bulb at the end of the bar.

Concentric Mates 3 – 6 – These mates lock each bolt into its bolt hole in its respective bracket.

Parallel Mates 3 – 6 – These mates lock each bolt to the proper distance from its respective bracket.

Picture




DETAIL B
SCALE 1 : 2
3.00
A
B
.25
DETAIL A
SCALE 1 : 1
Rohloff_Assem1
A4