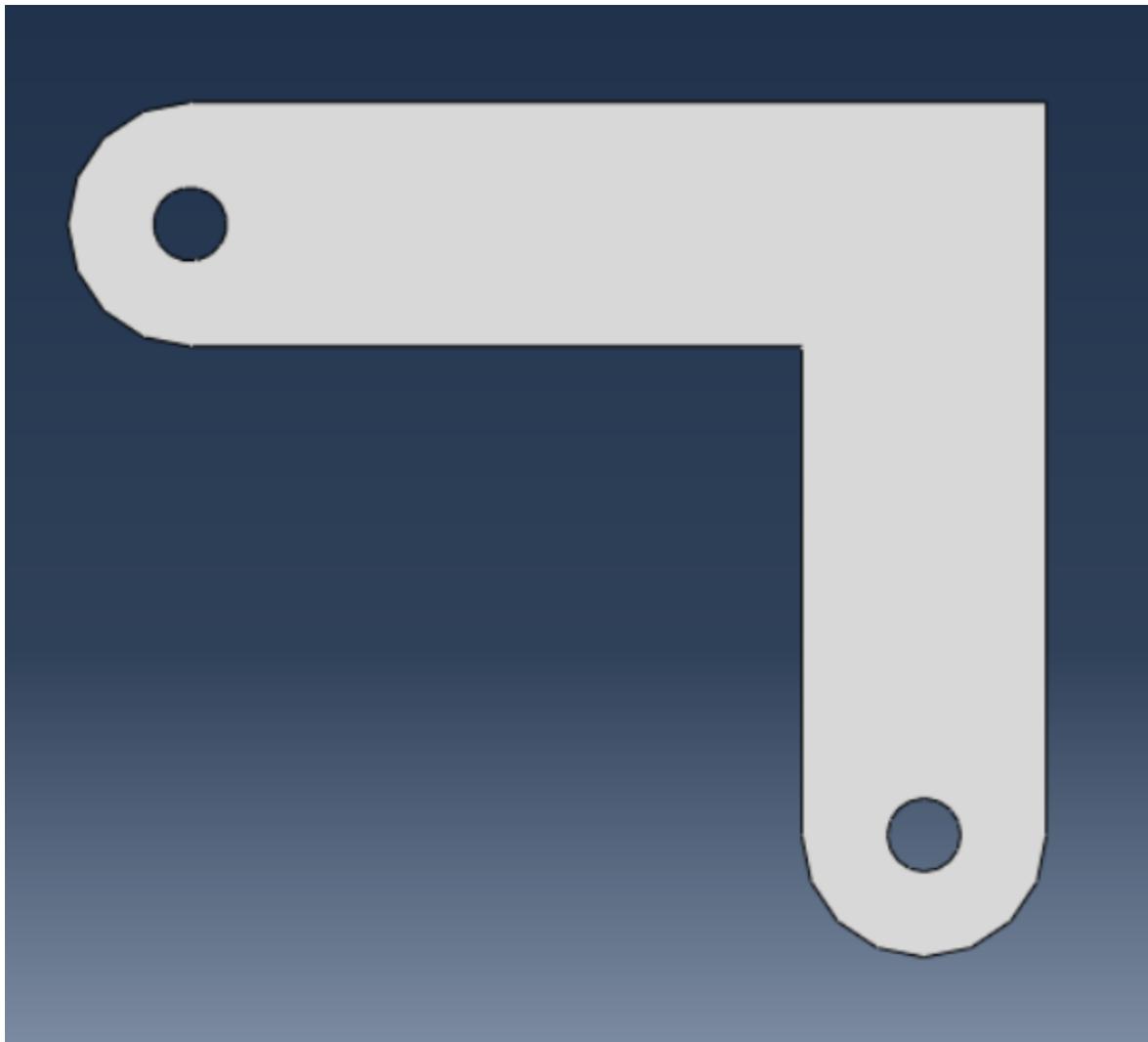


## Project 1: ABAQUS Static Structural: Mounting Bracket

Problem Statement: Evaluate the static structural performance of a motor/actuator mounting bracket.

Geometry:

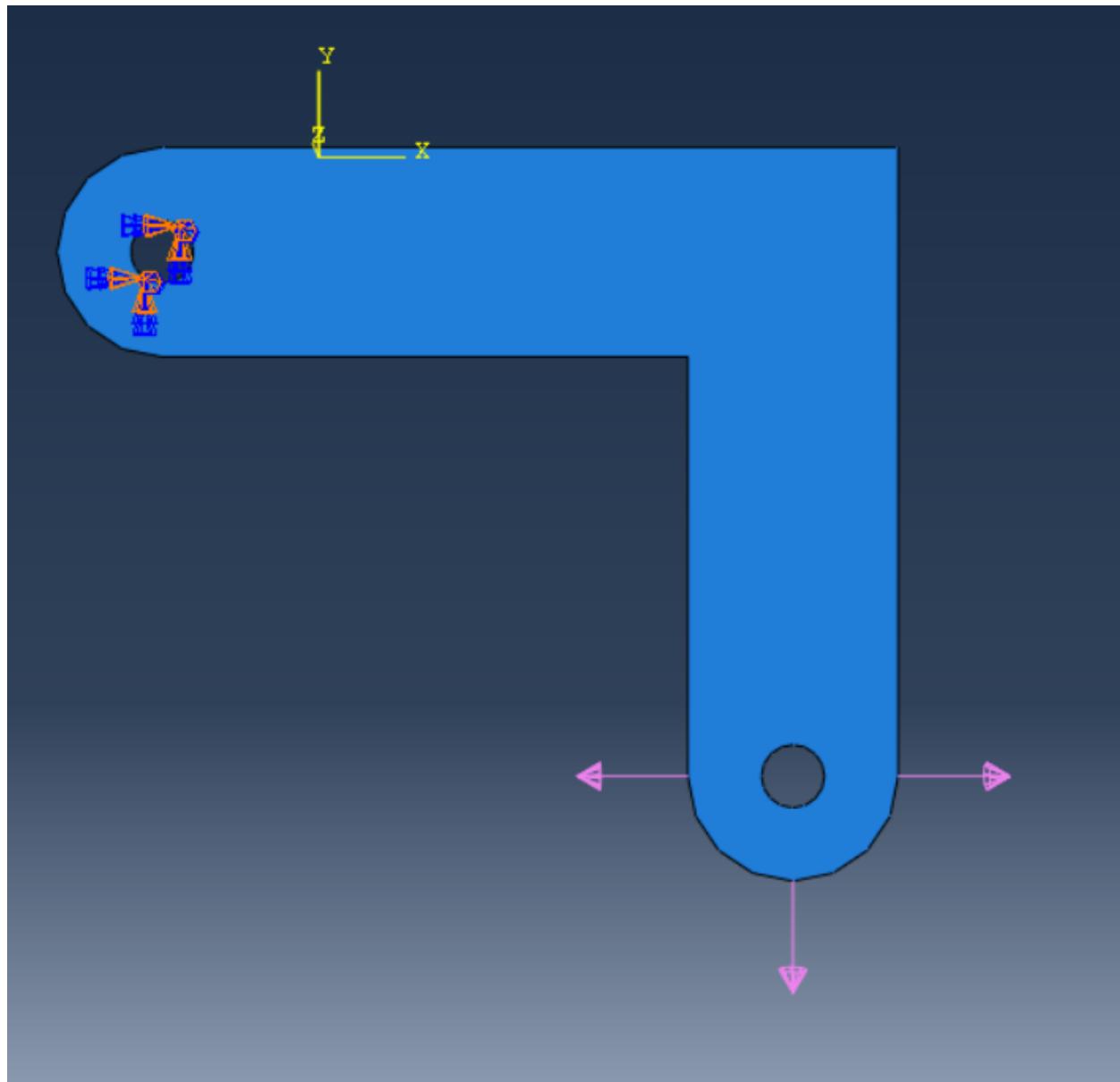


Material Properties:

Young's Modulus	Poisson's Ratio
210000	0.3

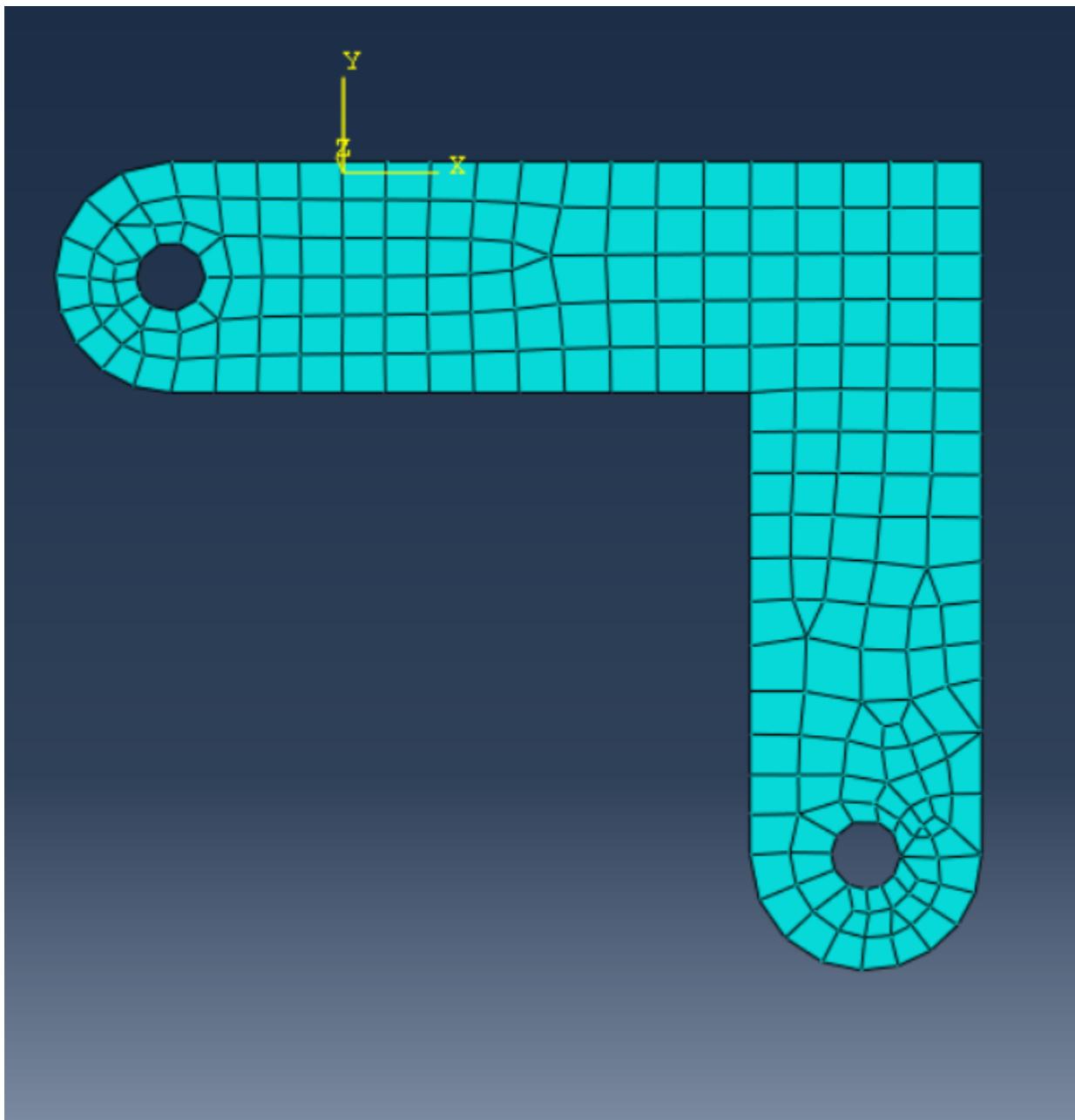
Loading:

One hole is fixed, another hole has ramp force applied.



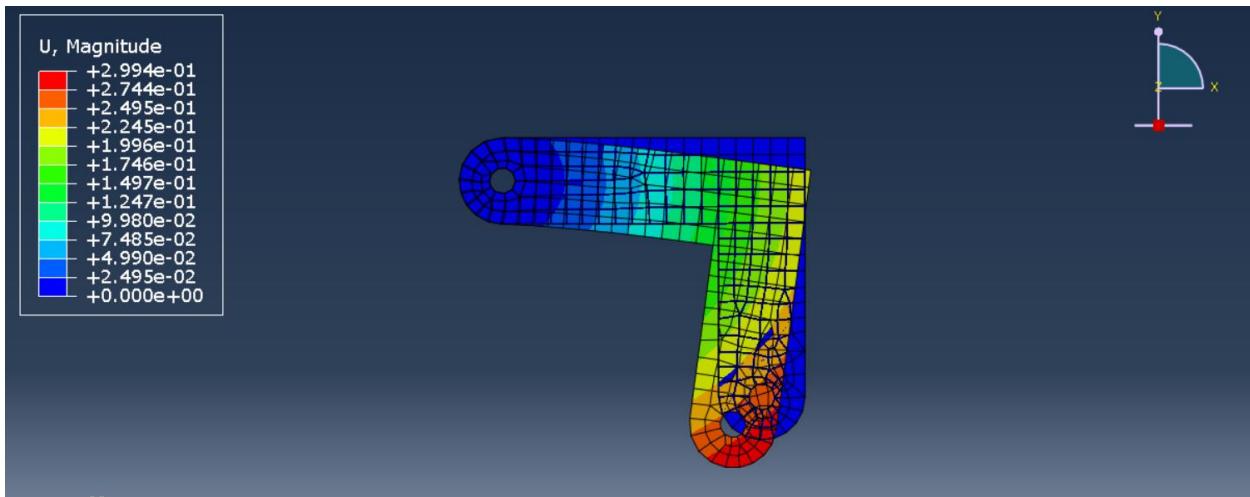


Mesh:



## Results:

### Deformation:



### Von Mises Stress:

