

Horizontal Shear Stress

Description

This project examines horizontal shear in a simple beam.

Goals

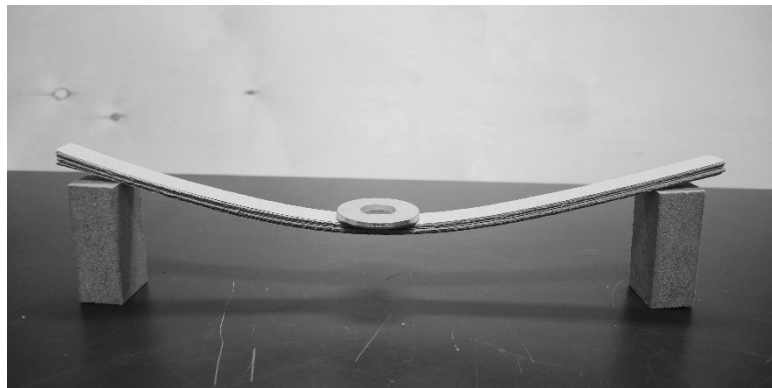
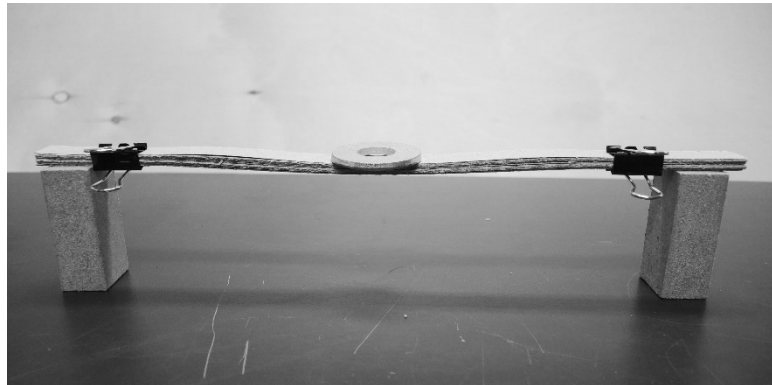
To observe an example of shear force in an element.

To gauge the effect of shear stiffness.

To observe horizontal shear failure.

Procedure

1. Place the clips at each end of the beam and position it on the supports.
2. Add the washer weight and measure the deflection.
3. Remove the clips and repeat the loading and again measure the deflection.
4. Note the slippage of the planes particularly at each end.
5. Compare the deflections of the two tests.



Due

During recitation