## **Plane Frame - Geometry**

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**Problem Specification** 

- 1. Pre-Analysis & Start-Up
- 2. Geometry
- 3. Mesh
- 4. Physics Setup
- 5. Numerical Solution
- 6. Numerical Results
  7. Verification & Validation

**Exercises** 

Comments

## Geometry

Assume that the cross-section is square. Then, to get the right values of EI and EA, you need to pick:

- Each side of the square is 0.346 m
- The Young's Modulus E is 2.08e10 Pa

Don't forget to assign the Young's modulus later in the Physics Setup.

Go to Step 3: Mesh

Go to all ANSYS Learning Modules