T-Beam - Geometry

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Geometry

For users of ANSYS 15.0, please check this link for procedures for turning on the Auto Constraint feature before creating sketches in DesignModeler.

We will first create a sketch and then extrude it to make our beam. We will then split our beam in 3 sections in order to create lines to apply our loads on. The video below shows the steps to be followed to create the sketch, the beam and to slice the body in three sections.

Go to Step 3: Mesh

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