

# AIM Bike Crank - Mesh

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## Mesh

The video below demonstrates the steps to mesh the geometry using Hexahedral elements which look like boxes. Hexahedral (or hex) elements yield higher accuracy compared with the default tetrahedral (or tet) elements for the same number of nodes.

Summary of above video:

- Open the Mesh settings
- Create a Body Sizing for the crank body of .2in
- Create a Face Sizing the fixed supports of .1in
- Specify the Element Shape to be Hexahedrons
- Generate the Mesh

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