## **AIM Plate with Hole - Mesh**

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**Problem Specification** 

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

## Mesh

Close the modeling window, then initiate the meshing process by clicking on Mesh in the workflow.

## Set Mesh Size

Using the **Mesh resolution** slider, we can edit how precise our mesh is for our calculations. Move the slider all the way to the right, to give us the most accurate data. Under **Global Sizing**, change the **Size function method** to **Curvature**. The Curvature option allows the mesh to become more refined closer to the circle.

## Generate Mesh

Click **Generate Mesh** under **Output** or at the top of the screen by the status window for **Mesh**. AlM should detect you are ready to generate the mesh and highlight the buttons in blue.

Go to Step 4: Physics Set-Up

Go to all ANSYS AIM Learning Modules