

Transition Duct - Mesh

Author(s): Sebastian Vecchi, ANSYS Inc.

[Problem Specification](#)

[1. Start-Up](#)

[2. Geometry](#)

[3. Mesh](#)

[4. Physics Setup](#)

[5. Results](#)

Mesh

Initiate the meshing process by clicking on **Mesh** in the **Workflow**.

Set Mesh Size and Boundary Layer

Retain the default mesh settings. AIM will prompt you to fix the boundary layer before generating the mesh. [Click on **Boundary Layer** under **Mesh Controls**. Select every face except for the inlet and outlet faces.](#)

Generate Mesh

[Return to the **Mesh** panel, then click **Generate Mesh** under **Output**](#) or at the top of the screen by the status window for Mesh. AIM will detect that you are ready to generate the mesh and highlight the buttons in blue. Below is an image of the mesh.

[Go to Step 4: Physics Set-Up](#)

[Go to all ANSYS AIM Learning Modules](#)