ANSYS AIM Eddy Current / Magnetic Frequency Response - Geometry

Authors: Joshua Wallace, Steve Scampoli

Problem Specification

1. Pre-Analysis & Start-Up

2. Geometry

3. Physics Setup

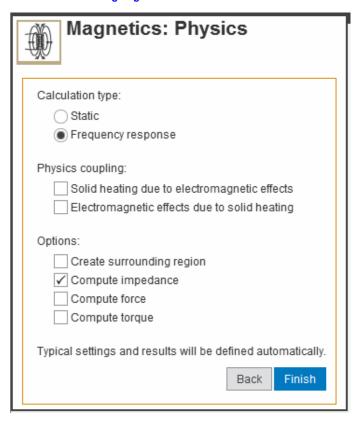
4. Numerical Solution/Results

Geometry

Now the geometry can be imported into ANSYS AIM. Downloaded the geometry file of the coil here and click Next.

ANSYS AIM will then prompt for a geometry file. Select the coil geometry file and press Open.

Change the Calculation Type in the Magnetics: Physics template to Frequency response. Since the geometry already has a surrounding region, turn off Create Surrounding Region and click Finish.



Go to Step 3: Physics Setup

Go to all ANSYS AIM Learning Modules