ANSYS AIM - 3D Static Force Computation

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3D Static Force Computation
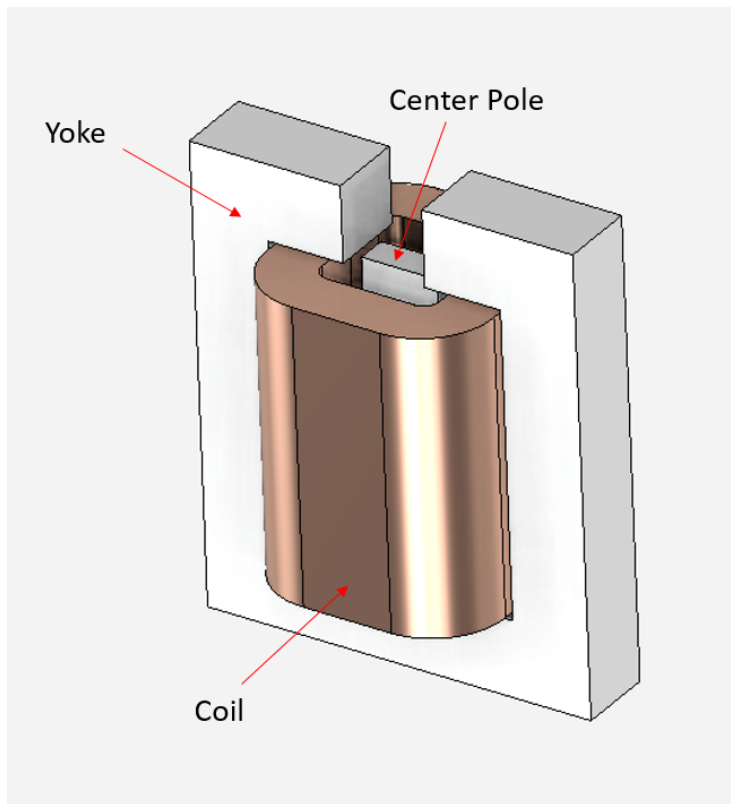
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Problem Specification

The yoke and center pole shown directly below are made of Steel 1010. The stranded copper coil is excited by a DC current. The coil ampere-turns are 1000, 3000, 4500 and 5000 which is sufficient to saturate the steel. Calculate the magnetic field and electromagnetic force.

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