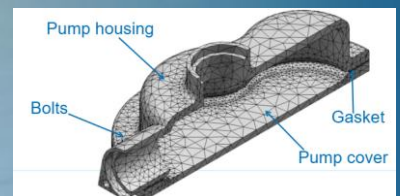


SIMULIA EXERCISE HUB: PRACTICE. APPLY. PROGRESS.



Pump - Mesh - Direct Import - Practice Hands-on

Duration: 30 min

Discipline: Structures

Level of Difficulty: Fundamental

Product: 3DEXPERIENCE

Audience: Structural Mechanics Engineer, Structural Performance Engineer, Additive Manufacturing Analysis Engineer, Durability Performance Engineer, Durability and Mechanics Engineer, Structural and Durability Engineer

Apps: Structural Model Creation; Mechanical Scenario Creation

Practice meshing all components of a pump assembly using quadratic tetrahedral elements.

Workshop Overview: Import a pump assembly, create a finite element model representation, and mesh the different parts using quadratic tetrahedral elements suitable for contact analyses.

Where to Find This Exercise?

[Go to Eduspace](#)

Structural Simulation Essentials > 3 - Meshing > W3b - Pump - Mesh - Direct Import