

SIMULIA EXERCISE HUB: PRACTICE. APPLY. PROGRESS.



Intersecting Pipes - Material and Section Properties - Practice Hands-on

Duration: 15 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 defining temperature-dependent material properties and section properties for intersecting pipes.

Workshop Overview: Continue with the intersecting pipes model to define elastic, expansion and creep material data, apply the material to the part and create section properties.

Where to Find This Exercise?

[Go to Eduspace](#)

Structural Simulation Essentials > 4 - Materials and Section Properties > W4a - Intersecting Pipes - Material and Section Properties