GEAR HOBBING VIDEO SERIES 1

Data-driven, time efficient training for Machine Tools, Machines, and Manufacturing Operations



The Gear Hobbing Video Series 1 introduces learners to the basic functions, components, and terminology associated with modern gear hobbing machines. The series addresses the hobbing machine axis coordinate system and the methods for securing both the workpiece and gear hobbing cutters.

Learning Hours 2.5

This video series was designed in partnership with Bourn & Koch Inc.

Learning Objectives

- Understand the operational concepts of gear hobbing machines
- (P): Recognize the common components and systems of a gear hobbing machine
- Comprehend the axes coordinate system for gear hobbing machines
- Recall the basic functionality of hobs and arbors
- Recognize the workholding and fixturing devices used in gear hobbing machines



Course Topics

Series 1

- Introduction to Gear Hobbing
- Gear Hobbing Machine Components and **Systems**
- Gear Hobbing Axes Coordinate System
- Gear Hobbing Tools: Hobs and Arbors
- Gear Hobbing Fixturing and Workholding







