

# BROACHING VIDEO SERIES

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



The THORS *Broaching Video Series* course is designed to introduce and familiarize learners with the basic functions, components, and terminology associated with broaching machines. The series also addresses important concepts to the broaching process, such as cutting parameters and cutting tools, as well as best practices and troubleshooting.

Learning Hours **2.5**

This video series was designed in partnership with American Broach & Machine Co.



## Learning Objectives

- Understand the broaching process and the various types of broaching.
- Recognize the different components of a broaching machine.
- Understand the broach nomenclature and the geometrical features of the broach affecting the cutting process.
- Correlate the various cutting parameters involved in broaching and their interdependency on each other.
- Learn safety and best practices during broaching.
- Recall the common troubleshooting techniques to eliminate or minimize mistakes.

## Course Topics

- Introduction to Broaching
- Broaching Machine Components
- Broach Tool Nomenclature and Types
- Broaching Process Parameters
- Broaching Best Practices and Troubleshooting

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