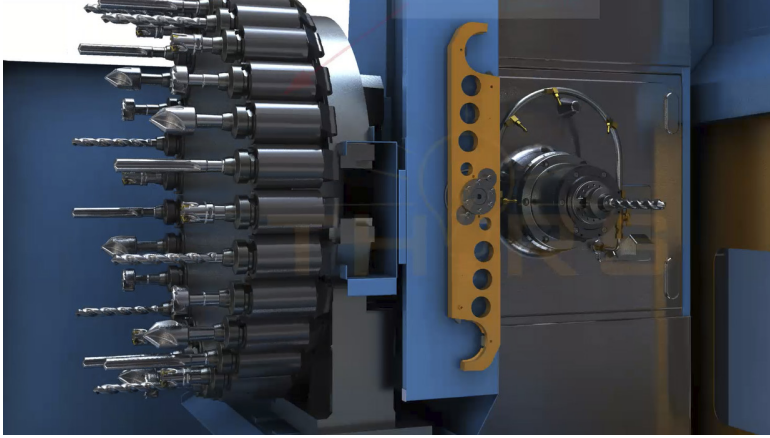


HORIZONTAL MACHINING CENTER VIDEO SERIES 1

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



This Horizontal Machining Center Lightning Learning course is comprised of five assessments, each of which is followed by a 5-8 minute fully narrated video lesson based on the results from its corresponding assessment.

Learning Hours **2.5**



Learning Objectives

- 💡 Recall what differentiates machining centers from other types of machines
- 💡 Understand the basic functions of horizontal machining center components
- 💡 Recognize the primary tools and operations for surface machining processes
- 💡 Recognize the primary tools and operations for hole machining processes
- 💡 Understand how to properly secure cutting tools inside cutting tool holders

Course Topics

- Introduction to Machining Centers
- Horizontal Machining Center Machine Components
- Machining Center Cutting Tools and Surface Machining Operations
- Machining Center Cutting Tools and Hole Machining Operations
- Machining Center Tools, Tool Holders, and Tool Clamping Systems

How Users Applied their Knowledge:

“Adjusted my RPM and Feedrate for my roughing operation!”

–Dave A., CNC Turning Center Operator with 7 years experience

“Able to resolve a Tool Breakage issue!”

–Sandip S., Senior Manufacturing Process Engineer with 13 years’ experience

“Business Intelligence Analytics were very useful in Objectively Identifying and Addressing Knowledge Gaps! “

–HR System Administrator