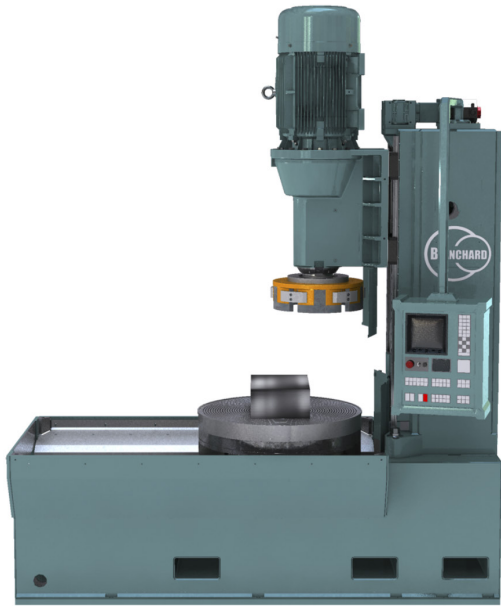


ROTARY SURFACE GRINDING VIDEO SERIES 1

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



The Rotary Surface Grinding Video Series 1 introduces learners to the basic functions, components, and terminology associated with modern rotary surface, or Blanchard, grinders. The series addresses methods for securing both the workpiece and the abrasive grinding wheel and provides a basic definition of processes such as roughing and finishing operations. In addition, important process steps for dressing abrasive grinding wheels and a detailed breakdown of abrasive material specifications are also provided.

Learning Hours **2.5**

This video series was designed in partnership with Bourn & Koch Inc., manufacturers of the Blanchard rotary surface grinding machines.



Learning Objectives

- ⚡ Differentiate between the common grinding operations
- ⚡ Recognize the basic components and systems of a rotary surface grinder
- ⚡ Recall the methods used for securing grinding wheels and workpieces
- ⚡ Understand the specifications for grinding wheel abrasive materials
- ⚡ Comprehend basic process steps such as roughing, finishing, and wheel dressing



Course Topics

Series 1

- Introduction to Rotary Surface Grinding
- Rotary Surface Grinding Components and Systems
- Rotary Surface Grinding Workholding and Attaching the Grinding Wheel
- Rotary Surface Grinding Abrasives and Wheel Specification
- Rotary Surface Grinding Process Steps and Wheel Dressing

