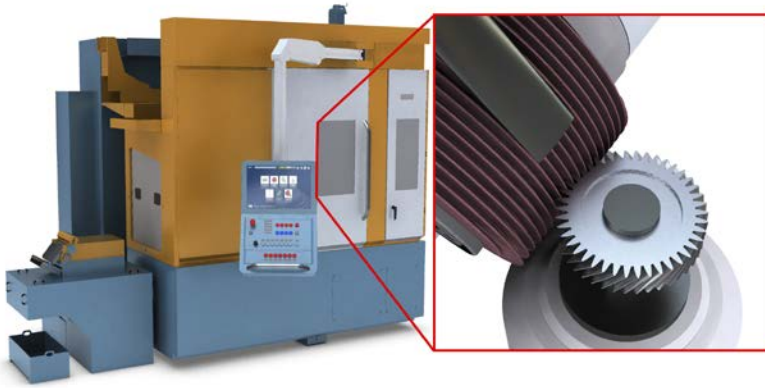


Generating Gear Grinding I

eLearning courses designed to increase productivity and profits



Learning made Simple, Visual, and Interactive

The THORS *Generating Gear Grinding I* course introduces learners to the basic functions, components, and terminology associated with modern generating gear grinding machines. This course thoroughly explains the axis coordinate system in gear grinding machines, detailing the movement and significance of each axis.

Learning Hours **1.5**

This course was designed in partnership with Reishauer AG, Switzerland.

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Learning Objectives

- Understand the basics of generating gear grinding operations and their types.
- Explore the components of gear grinding machines along with their respective functions.
- Comprehend the critical role of various axes coordinates in a gear grinding machine.

Table of Contents

I. What Is Generating Gear Grinding?

- Generating Gear Grinding Overview
- Generating Versus Profile Gear Grinding
- Modern Gear Grinding Machines

II. What Are the Components and Systems of a Generating Gear Grinding Machine?

- Structural Components
- Mechanical Components
- Grinding Wheel Head Assembly Components
- Coolant and Control Systems

III. What are the Axis Coordinates of the Generating Gear Grinding Machine?

- Rotational Axes
- Lateral Axes
- Auxiliary Axes

