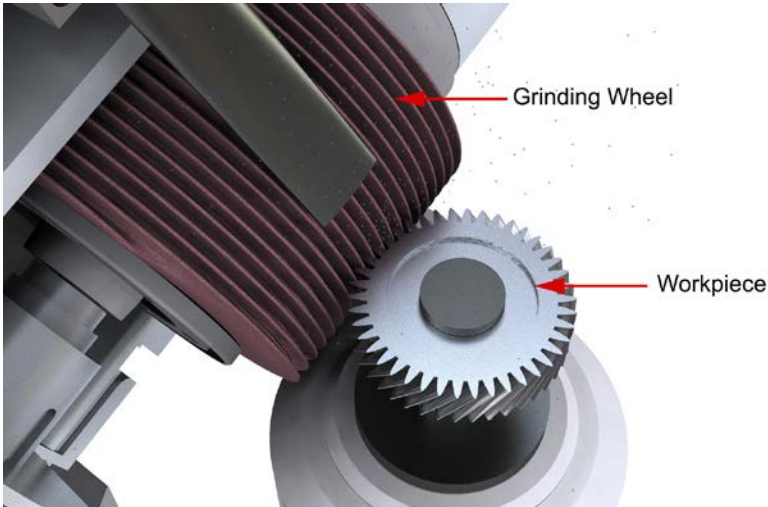


# Generating Gear Grinding II

*eLearning courses designed to increase productivity and profits*



## Learning made Simple, Visual, and Interactive

The THORS *Generating Gear Grinding II* course offers a comprehensive overview of gear grinding wheels, detailing their structure and characteristics, along with an exploration of various types of dressing tools and workholding devices used in generating gear grinding. Designed as an extension of the *Generating Gear Grinding I* course, this course enhances the understanding of learners in the key aspects of the functioning of gear grinding tools that are critical for efficient gear grinding operations.

Learning Hours **1.5**

**REISHAUER**

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

## Learning Objectives

- 💡 Gain a comprehensive understanding of the function, composition, and characteristics of generating gear grinding wheels.
- 💡 Understand the basics of the dressing process and the various dressing tools used to enhance grinding wheel efficiency.
- 💡 Explain the different types of workholding devices used in generating gear grinding to secure the workpiece.

## Table of Contents

### I. What Are Generating Gear Grinding Wheels?

- Grinding Wheels Overview
- Abrasive Grains
- Bonding Materials and Pores
- Structure and Characteristics

### II. What Are the Tools Used for Dressing Generating Gear Grinding Wheels?

- Dressing Process
- Rotary Diamond Dressers
- Roll and Disk Dressers
- Profile Diamond Roll Dressers

### III. What Are Generating Gear Grinding Workholding Devices?

- Workholding Overview
- Fixtures
- Centers

