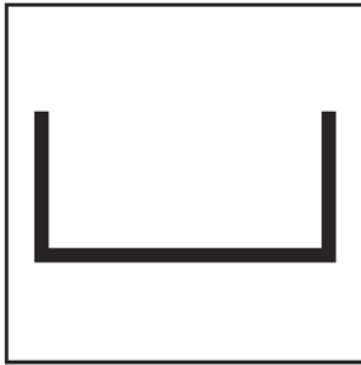


ENGINEERING DRAWINGS FOR MACHINING [2ND ED.]

eLearning courses designed to increase productivity and profits



Learning made Simple, Visual, and Interactive

Engineering Drawings for Machining [2nd Ed.] introduces the fundamental components and terminology used in reading engineering drawings used for machining processes. Presented in THORS' highly visual and interactive learning format with many examples, this course assists employees in understanding and interpreting the information communicated on engineering drawings for machining.

Credit Hours **3**

Learning Objectives

- Recognize aspects of engineering drawings that are unique to machining drawings.
- Recognize and understand the importance of symbols that appear on, and are often exclusive to, machining drawings.
- Understand the basic concepts of size and weight information, tolerance, and surface finish as they pertain to machining and the information present on an engineering drawing for machining.
- Recognize and understand commonly machined features, the associated symbols, and how the information is conveyed on an engineering drawing for machining.
- Recognize and understand the components of callouts for surface finish, hole features, and threaded features.
- Understand the importance of the notes section of machining drawings and the different types of notes.

Table of Contents

I. Distinct Characteristics

- Information in the Title Block
- Surface Finish

II. Symbols for Surface Features

- Chamfer
- Fillet and Corner
- Polygonal Feature
- Groove
- Keyway and Keyseat
- Slot
- Taper
- Knurled Surface

III. Symbols for Hole Features

- Type of Hole
- Hole Callout
- Hole Feature Symbol
- Hole Location Dimensioning
- Threaded Features

IV. Notes

- Material and Treatment Notes
- Quality Notes

