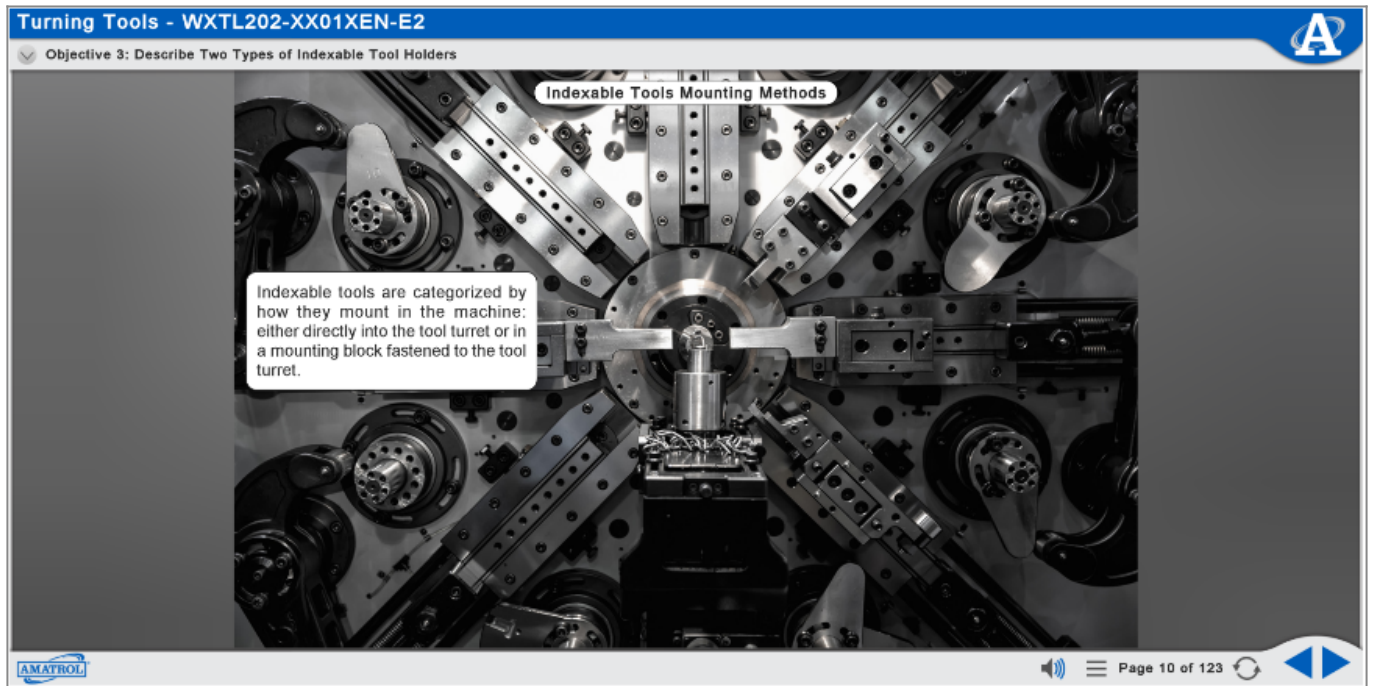


Tooling for Turning | Machining Interactive eLearning



eLearning Course: MXTL202

Amatrol's Tooling for Turning eLearning (MXTL202) is an in-depth study of the major types of tooling used for turning operations. This industrial machining course covers the components of each type, including insert, tool, and tool holder types. Learners will also study the ANSI and ISO nomenclature standards for inserts, tool holders, and boring bars, and proper care of these items. This course includes practical lessons on assembling and mounting turning tools.

Tooling for Turning

What is the Turning Process?

Turning is the most common machining operation used today. The process involves removing material from the outside or inside of a rotating workpiece. Turning generally uses a single-point, non-rotating tool to create the desired product. Most turning operations combine two movements: tool movement and workpiece rotation. The cutting tool moves lengthwise and crosswise along a rotating workpiece. Drilling, tapping, and reaming operation are always performed on the center of the workpiece endface. For some turning operations, the workpiece remains stationary while a revolving tool removes material. This is possible on machines with live tooling capabilities. Turning operations are performed on a lathe. In the past, a lathe was powered by a steam engine. Today, the lathe is powered by electricity and controlled by a sophisticated Computer Numerical Control, or CNC machine.

Tooling for Turning eLearning Features Multimedia Curriculum

Amatrol's peerless interactive multimedia curriculum utilizes text with voiceovers, pictures, videos, stunning 3D animations, and interactive quizzes and reviews that engage learners in theoretical knowledge and concepts. This thorough, detailed curriculum begins with the basics and advances to complex concepts. Through partnerships with key industry leaders and leading educators, Amatrol developed the right balance of knowledge to train learners to work in their chosen field.

Additional Info

[Computer Requirements](#)

Address

**Amatrol
2400 Centennial Blvd
Jeffersonville, IN 47130**

Contacts

**email: contact@amatrol.com
phone: (800) 264 8285**