

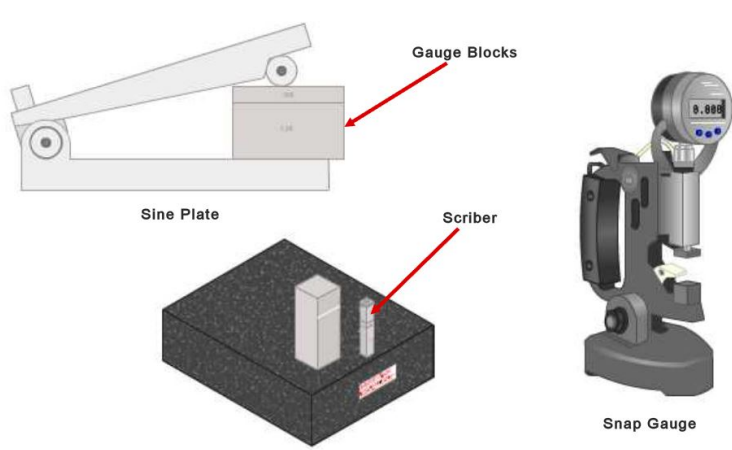
# Gauge Blocks Training | Components, Practices, and Uses of Gauging Blocks

**Gauge Blocks - WXMT203-XX01XEN-E2**

Objective 1: Define Gauge Blocks and Explain Their Use

**Uses**

Gauge blocks are used to set a variety of measuring instruments. Gauge blocks set precise angles for sine blocks and are used to set snap gauges.



The diagram illustrates three applications of gauge blocks: 1. A sine plate is shown with several gauge blocks stacked on top of it to set a precise angle. 2. A scriber is shown resting on a stack of gauge blocks on a dark surface. 3. A snap gauge is shown with gauge blocks used to set its measurement points.

Labels in the diagram: Sine Plate, Gauge Blocks, Scriber, Snap Gauge.

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## eLearning Course: MXMT203

Amatrol's Gauge Blocks eLearning course focuses on the types and uses, components and accessories, and best practice uses and applications of gauging blocks. Learners will study: the purpose of gauge blocks; how to build a gauge block stack; how to wire gauge blocks; common grades; common gauge block materials; the advantage of sets with more blocks; and how block tolerance affects accuracy.

## Teach Gauge Blocks

### What is a Gauge Block? What are They Used For?

Gauge blocks are a set of precision ground and lapped blocks of different lengths that can be stacked to form precise lengths for highly-accurate linear measurements. They were invented by Carl Johansson, a Swedish weapons inspector, who needed a better way to measure rifle parts. In honor of Johansson and his work with the blocks, the components are sometime referred to as "Jo blocks."

Gauge blocks are used to set a variety of measuring instruments. Gauge blocks set precise angles for sine blocks and are used to set snap gauges. Gauge blocks can be stacked and assembled into precision height gauges for layout. They can also be used as auxiliary measuring systems for machines and tooling.

## Interactive eLearning

### Gauge Blocks Training Features Hands-On, Interactive Multimedia Curriculum

Amatrol's [unmatched multimedia](#) utilizes text, audio, and stunning 3D animations that engage learners in theoretical knowledge and concepts. This thorough, exceptionally detailed curriculum is built to begin with the

basics and steadily advance to more complex concepts. Through partnerships with key industry leaders and leading edge educators, Amatrol developed the right balance of knowledge needed to train learners to work in their chosen field.

## **Additional Info**

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### **Requires:**

- Computer [\(see Computer Requirements\)](#)

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#### **Address**

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