

Bore Gauges eLearning Courseware | Types, Components, and Settings of Bore Gauges

Comparative Bore Gauges - WXMT208-XX01XEN-E2



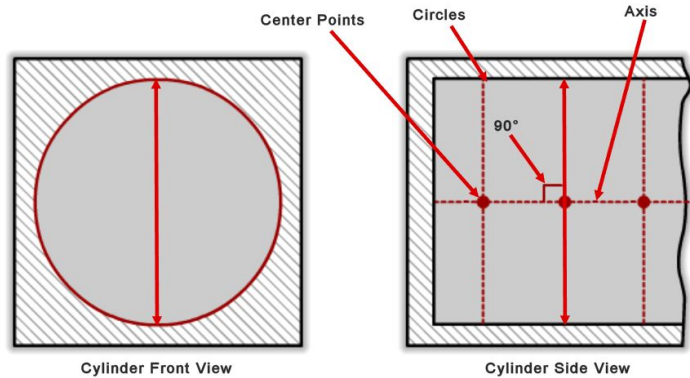
Objective 1: Describe Bores and Cylinders

Cylinders

A cylinder is a series of circles of the same size.

Straight bores, holes, and outside diameters are all cylinders.

In a cylinder, each circle's center point lies on an imaginary line called the axis. Each circle that makes up the cylinder lies in a plane **perpendicular** to this axis.



Page 3 of 43



eLearning Course: MXMT208

The Bore Gauges eLearning course focuses on the types and uses, components and accessories, and best practice uses and applications of bore gauges. Learners will study how to distinguish between the types of bore gauges; identify the components of indicating bore gauges; identify different types of setting masters used with bore gauges; and understand how to care for a bore gauge.

Teach Bores & Cylinders

What are Bores, Cylinders, and Bore Gauges?

A bore is a generic term used to describe a hole that has been enlarged and held to close tolerances of size and form. While boring is the usual process to enlarge a hole, the term 'bore' also applies to hole that has been enlarged by other processes, such as reaming or grinding.

A cylinder, on the other hand, is a series of circles of the same size. Straight bores, holes, and outside diameters are all cylinders. In a cylinder, each circle's center point lies on an imaginary line called the axis. Each circle that makes up the cylinder lies in a plane perpendicular to this axis.

A bore gauge, as the name implies, is a tool used to measure bores. When used to measure a bore, the bore gauge is actually measuring the diameters of some of the circles within the cylinder. To accurately measure the cylinder, the bore gauge must measure across each circle through its center point, and also perpendicular to the cylinder's axis.

Interactive eLearning

Bore Gauge eLearning Curriculum Features Real-World Skill-Building

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

Requires:

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

Address

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

Contacts

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