

Geometric Dimensioning & Tolerancing (GD&T) Workshop

You'll discover the major pitfalls of traditional coordinate tolerancing – and how they may be overcome by using Geometric Tolerancing. Then, starting with your basic blueprint knowledge, you'll learn the symbols, terminology, and rules of Geometric Tolerancing as prescribed in the current standing (ASME Y14.5M-1994). The GD&T Hierarchy will be presented to explain the relationship between tolerances and how to most economically apply the concepts.

Learning Objectives:

- Translate geometric callouts into plain English with one meaning
- Explain the major default rules found in ASME Y14.5-2009
- Explain the tolerance zones for the 14 geometric characteristics
- Understand the hierarchy of Geometric Tolerancing
- Recognize proper application of GD&T
- Calculate geometric tolerances and boundaries
- Understand the best approach to take when applying geometric tolerances
- Select datum features based on design intent