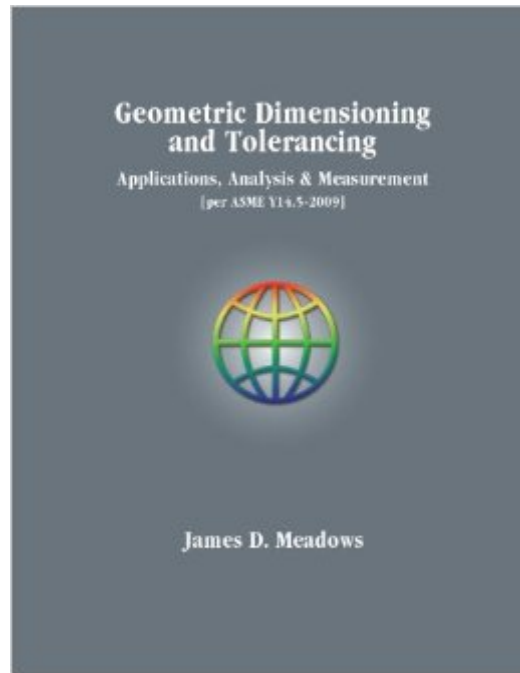


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Geometric Dimensioning And Tolerancing-Applications, Analysis & Measurement [per ASME Y14.5-2009]



Synopsis

This textbook/handbook is written to explain the new ASME Y14.5-2009 standard and is co-published by ASME. This is one of the most comprehensive GD&T volumes ever written and has the unprecedented ability to cover almost every facet of dimensioning and tolerancing. It includes step-by-step procedures for dimensioning and tolerancing parts and assemblies. It shows how to analyze the tolerances applied using both worst case and statistical analysis. This book demonstrates the connection between the application of functional geometric tolerances and its effect on manufacturability and inspection, stressing optimal ways to achieve a high-quality product at the lowest possible cost to the customer. Some of the topics covered are: 1) All of the new symbols, rules and principles in ASME Y14.5-2009, 2) Basic and Advanced GD&T Application and Interpretation, 3) Tolerance Stack-Up Analysis, 4) Statistical Tolerancing, 5) Inspection and Gauging.

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The best book for GD&T

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