Geometric Dimensioning And Tolerancing
Synopsis

Geometric Dimensioning and Tolerancing provides thorough coverage of GD&T practices, as established by the ASME Y14.5â€“2009 standard. From understanding symbols on existing drawings to calculating the tolerances for proper size and location of features, topics are introduced in a methodical manner to establish an understanding of basic concepts before building to more advanced applications. Heavily illustrated, the use of the second color enhances learning by highlighting callouts and labels separately from the symbols and text of each drawing. The textbook discusses the interpretation of GD&T symbology and proper representation on drawings. Included in the textbook are Chapter Tests, Print Reading Exercises, Drafting Problems, and a comprehensive Final Exam. Instructor™s resources include answer keys, lesson plans, Final Exam and Drawing Problem solutions, visual masters, and course syllabi.

Book Information

Paperback: 512 pages
Publisher: Goodheart-Willcox; 9 edition (August 15, 2012)
Language: English
ISBN-10: 1605259381
Product Dimensions: 8.5 x 1 x 10.9 inches
Shipping Weight: 2.2 pounds (View shipping rates and policies)
Average Customer Review: 4.1 out of 5 stars Â– See all reviews (17 customer reviews)
Best Sellers Rank: #37,639 in Books (See Top 100 in Books) #5 inÂ Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing #6 inÂ Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Quality Control #6 inÂ Books > Computers & Technology > Graphics & Design > CAD

Customer Reviews

Purchased this book for a class. I found it to be one of the better textbooks. The book was to the point, explaining everything clearly. The chapters continue to reintroduce subjects you learn at the very beginning. Building upon each subject at a steady pace.

Good book with a great approach to GDnT. I feel there should be a blueprint to the questions and tests for self study purpose. Some more intricate examples along the way could really show how GDnT works on more complex pieces of hardware. In a class room the instructor or professor will
always be there to answer ones questions. Studying alone it is more difficult to punch through a problem and get a clear understanding sometimes.

Purchased this book as an update from the 1994 version of the standard to conduct my classes. According to the details of this book here it states there is an instructor's resource included. Unless I'm missing something, there is nothing or the sort. Looks like I now will have to spend extra time that I just don't have, to go thru the book and mark the answers manually, thanks.

They give definitions for stuff but lack concrete examples to improve understanding. It isn't until you try to do their end of the chapter questions that you realize how lacking this book is. You see something like "Describe Datum A" as a questions, flip through the chapter and realize they never explained how to describe a datum. The problem isn't your understanding of the material, but rather they never give an example of how to do this and the answer could be one of many answers that you could use. I have found youtube videos and online websites that teach this material better than this book.

Follows a very logical approach to GD&T. Very good for refresher material of firdt introductin for GD7T

Overall is a good book but It doesn't go into details. There are better books out there.

Excellent book for the price. Needed it for a class and was easy to follow.

For a dying art, this book really meets my expectations.

Download to continue reading...

Coloring Book: Over 40 Fun Stress Relief Shapes and Geometric Patterns for Your Inner Artist
Travel Size Shapes: An Adult Coloring Book, Over 40 Fun Stress Relief Shape Designs and
Geometric Patterns for Your Inner Artist Crochet Geometry: Geometric Patterns to Fit and Flatter
Geometric Transformations, Vol. 1: Euclidean and Affine Transformations Geometric, Physical, and
Visual Optics, 2e Encyclopedia of American Cut and Engraved Glass (1880-1917), Vol. 1:
Geometric Conceptions Big Book of Geometric Designs and Illusions to Color (Dover Design
Coloring Books) How many cubes (Geometric Puzzlers for 1st and 2nd graders) Geometric Data
Analysis: An Empirical Approach to Dimensionality Reduction and the Study of Patterns Islamic
Geometric Design Cosmatesque Ornament: Flat Polychrome Geometric Patterns in Architecture
Zenspirations Coloring Book Abstract & Geometric Designs: Create, Color, Pattern, Play! Geometric
Coloring Books for Adults Coloring Books for Adults Geometric: Coloring Pages (Fun & Intricate
Coloring Pages for Adults) (Volume 1)