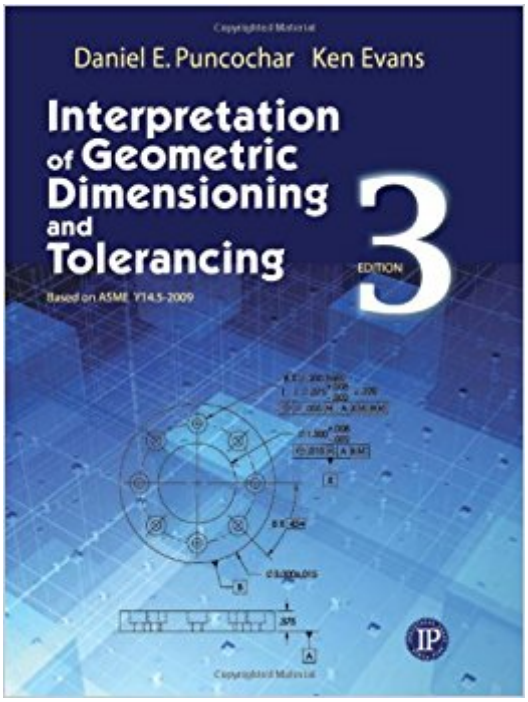
Interpretation Of Geometric Dimensioning And Tolerancing



Synopsis

Completely updated for ASME Y14.5-2009! Geometric Dimensioning and Tolerancing (GD&T) has become accepted around the world as the international symbolic language that allows engineers and machinists to use engineering drawings to communicate from the design stage through manufacturing and inspection. Deductively organized, this book is a complete on-the-job reference that provides a thorough understanding to the complex ASME Y14.5-2009 "Dimensioning and the Tolerancing" standard.Uses a "building-block" approach with examples (some dimensioned and toleranced in inches and some in millimeters) to illustrate each concept.Reinforces the explanations with end-of-chapter self evaluation exercises (the answers to all questions and problems are contained in the back of the book).Includes over one hundred drawings that illustrate concepts under discussion.Provides the information needed to become conversant in the techniques of GD&T and how to smoothly integrate this knowledge into engineering design and modern inspection systems.

Book Information

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Customer Reviews

Dan PuncocharÂ was most recently manager of Corporate Quality Assurance for the worldâ ™sÂ largest truck manufacturer. His career spanned 30 years.Â Previously, he held positions in the Engineering Test Lab and in the Corporate Training Department, where he instructed production workers in basic and advanced courses in machine technology.Â He also taughtÂ quality assuranceÂ inspectors blueprint reading and GD&T â “ among other courses -- and

subsequently was called on to teach GD&T throughout the Corporation.Â Ken EvansÂ is a machine tool Sales Engineer for a leading distributor of metal cutting and quality control equipment and services. Previously, he was a Machine Tool Technology instructor at Davis Applied Technology College (Utah), where he taught for nearly 20 years. Ken started in the machining trade at Cessna Aircraft in 1976. He has since held a wide variety of machining and related jobs throughout his career: Machine Tool Technology Instructor, Prototype CNC Machinist, Quality Control Inspector, Mold Maker, Tool & Die Maker. He is the author ofProgramming of CNC Machines,Â 3rdÂ Edition,Â and the accompanyingÂ Student Workbook, both available from Industrial Press.

I bought this book because I have a basic understanding of mechanical drawings and I wanted to add GD&T to my skill set. I found myself totally confused by many of the topics. Sometimes I felt like what was stated on one page was contradicted on the next one. I felt like this book might be mostly a regurgitation of the standard, but I don't have the standard to compare it to so that's just a guess. It just has that feel of super dry wording where the exact meaning of each sentence hangs on nuance, which you typically find in a specification. Even if we assume the book is totally accurate, it would then be a book that you have to study and puzzle over every sentence in order to learn anything. I gave this book three days of study and returned it.I then bought GD&T Application and Interpretation by Bruce A. Wilson, Fifth Edition. After an hour of thumbing through my new book I am already much happier. My new book is logically structured, provides great examples and gives paraphrased meaning and additional explanations to topics that might be hard to grasp at first - in other words, I can read through it and learn without being terribly confused and I can pause to study the parts that might be a bit more difficult.Don't waste your money on Interpretation of Geometric Dimensioning and Tolerancing by Daniel Puncochar

This book reads as though you are a beginner (which I am) but will venture into advanced topics as though it cannot decide if it's aimed at the advanced or novice practitioner. It is also less than half as long (and detailed) as the books I've read geared only towards beginners or experts. Additionally, there are some obvious errors in calculations and diagrams that were apparent even with my limited knowledge of the subject.There were a few instances with very interesting/advanced/obscure ideas brought up that I have not seen elsewhere. The author needs to release a book specifically for advanced readers and provide MUCH more depth.

Great book.

Perfect for the shop !

Great reference for those of us who have had a few year gap between school and the new drawing spec's that got dropped on our desk. We use it to cross reference call outs on mil spec drawings. Works as good as it could. Fairly easy to follow if you have had extensive drafting and/or engineering background. Not a book to read for fun.

Just what I needed and at a far better price than the ripped off school book store

This book is a great beginners book when learning GDT for the first time. Exactly what I needed for class.

Book is very well written.

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