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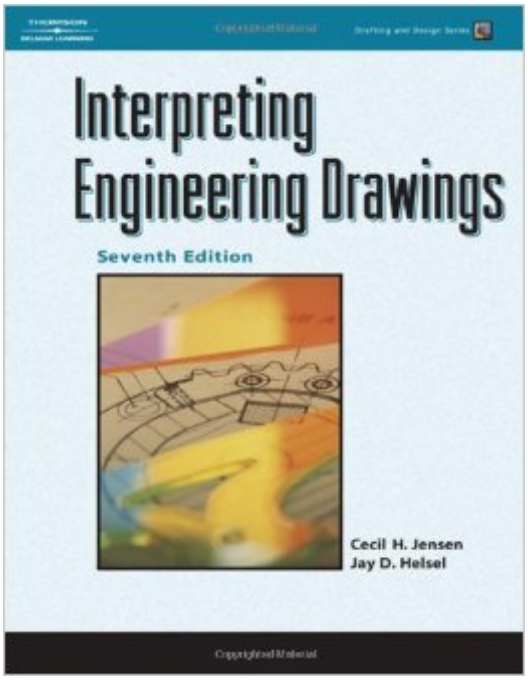
Interpreting Engineering Drawings (Drafting And Design)



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Synopsis

Comprehensive, state-of-the-art training is the cornerstone of this popular guide that shows users how to create professional-quality engineering drawings that can be interpreted with precision in today's technology-based industries. Clearly the most flexible, user-friendly book of its kind on the market, the seventh edition offers unsurpassed coverage of the theory and practical applications individuals need to communicate technical concepts in an international marketplace. All material is developed around the latest ASME drawing standards, helping readers keep pace with the dynamic changes in the field of engineering graphics.

Book Information

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Customer Reviews

After I purchased this book, I realized that the book looked very much like a sub-set of the 1200 page Engineering Drawing and Design by David Madsen published by Delmar.This is a very good text/reference book that is written very well for anyone who is looking to learn and to create engineering drawings. The book is very user friendly, with numerous illustrations and white area. The book covers the in-depth ASME drawing standards. If you are looking for a great book that covers both drawing and design, purchase the Engineering Drawing and Design book. It is more expense, but you get 500 pages of additional design information.

Overall, this book is convoluted, making it difficult to follow and learn much from. Some of the

answers to the chapter review questions are not covered until a later chapter. Some critical concepts to have illustrated are not illustrated while other illustrations give zero information on what you're looking at and how it applies to the chapter. There are chapter review sections with errors in the dimensions given. I find that a lot of the information given is cursory, lacking enough detail to fully convey the information. Without a competent teacher to wade through the chapters with, I would be totally lost reading this book.

So often in building items that need specific details, engineering drawings are used to accommodate that purpose. I have found that this publication "Interpreting Engineering Drawings" has helped me understand and use engineering drawings to a much higher degree. It has explained symbols and reasons for using these. It has explained the drawings, why, where, how and when to do the things that need to be done at specific times under specific conditions and for varying reasons. This publication answers all those questions and more. For anyone who is needing a very good explanation on engineering drawings. I would highly recommend this publication, it will answer your needed questions.Sincerely, Alvan L. Peterman

This is an in depth tutorial and reference book, masterfully written and made accessible for whoever is looking for the serious knowledge, the part dealing with geometric tolerances is particularly impressive, the author did his best to nail down this elusive and often skipped subject. I am recommending this book to my students

Information wise, this book is passable - it's worded in a way that's understandable. I could see it as a decent quick referenceBut the good ends there.It doesn't really explain why certain practices are good. It'd be difficult to start from this book without outside help.It is inconsistent. The book would show two lines of the same length on an isometric or third-angle orthographic drawing, and label one line as 1.00 in and the other as 2.00 in, despite being literary the same length. Then you'd have a 50 mm line that is triple the length of a 25 mm line, and a 60 mm line that is 2/3's the length of that 50 mm line.Then there are the mistakes. I took one of the more confusing drawings to a machinist who was head of manufacturing, and he found that it was missing dimensions. He shrugged and told me the only way I could do the assignment is if I scaled the drawing (which the book advises you to never do).In short: I can see this as a decent reference if you already know the material. But if you're trying to learn from it, or if you expect to do the assignments and expect them to follow the laws of physics, you're in for a lot of trouble.

I unfortunetly have used this book on several occasions. This book is so packed with info it makes it confusing. If this was four seperate books, teaching seperate catagories of trades this might be a good book, but its not. Trying to teach engineers, welders, drafters and machinists out of the same book, does not work. Dont waste your money or time on this book. Also from Version one to the newest version same info different chapters. What a waste of paper.

I took a Intro to blueprint reading class and this was the book. Some good info & some very bad misprints. In one of the lessons at end of the chapter, asked about something that wasnt covered until the following chapter. Really? Good with basics but horrible & sometimes quite confusing for a technical class.

I normally won't go out of my way to berate a book and its writer(s). But, halfway through this book, and I'm finding that either the original writers (Cecil and Jay) are incompetent and unable to review what they've written... or they've got nobody reviewing/editing this book to make corrections where necessary. Several of the problems given at the end of chapters have inconsistent information regarding measurements, wording differences to where they request certain information for one question but different information for following questions (inconsistent requests per question), blatant information gaps in descriptions within the chapters themselves, and then when references to the Appendix are made there is nothing regarding to a page number. At best, this is a horrible book for the purposes of instruction and learning. After seeing an answer sheet my instructor has on this book, I can't believe how many times there are more than one acceptable answer where a decent blueprint reader/architect could get only one factual answer.This book is, by far, the worst instructional book I've ever had the displeasure to experience. Coming from all sorts of fields from Network Engineering to General Contractor work, I've read several instructional books. I would highly recommend avoiding this book with every effort of your being. Its truly awful, and so convoluted that you're not going to learn much reading it cover to cover and attempting to solve the problems at the end of each chapter. Do yourself a favor, and look elsewhere for a better piece of literature.

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