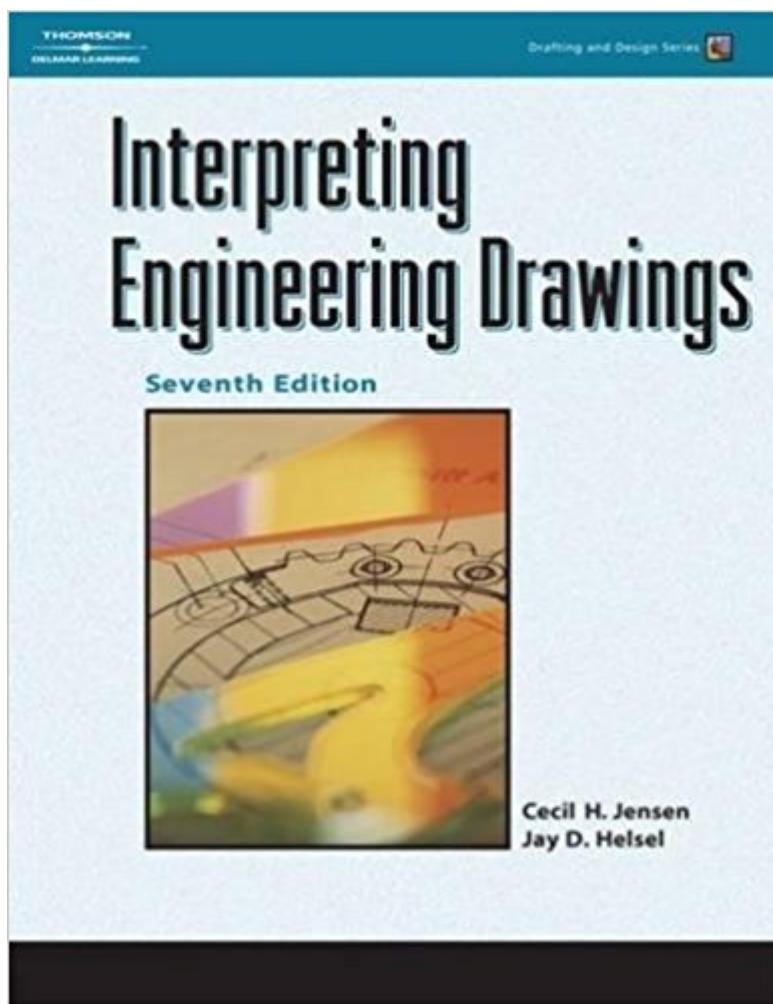


The book was found

# Interpreting Engineering Drawings (Drafting And Design)



## **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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Unit 2 Lines Used to Describe the Shape of a Part  
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Unit 3 Circular Features  
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## Unit 52 Selection of Datum Features for Positional Tolerancing Unit 53 Profile Tolerances Profile of a Line Profile of a Surface Unit 54 Runout Tolerances Circular Runout Total Runout Establishing Datums

Cecil H. Jensen took an early retirement from teaching to devote his full time to technical writing. He held the position of Technical Director at the McLaughlin Collegiate and Vocational Institute, Oshawa, Ontario, Canada, and has more than twenty-seven years of teaching experience in mechanical drafting. He was an active member of the Canadian Standards Association (CSA) Committee on Technical Drawings. Mr. Jensen has represented Canada at international (ISO) conferences on engineering drawing standards, which took place in Oslo, Norway and Paris, France. He also represented Canada on the ANSI Y14.5M Committee on Dimensioning and Tolerancing. He is the successful author of numerous texts including Engineering Drawing and Design, Fundamentals of Engineering Drawing, Geometric Dimensioning and Tolerancing for Engineering and Manufacturing Technology, Computer-Aided Engineering Drawing, and Home Planning and Design. Before he began teaching, Mr. Jensen spent several years in industrial design. He also supervised the evening courses in Oshawa and was responsible for teaching selected courses for General Motors Corporation apprentices. Jay D. Helsel has worked more than 35 years in education, having served as a professor of applied engineering and technology courses, chairperson of the Department of Applied Engineering and Technology, and Vice President for Administration and Finance at California University of Pennsylvania. Dr. Helsel has had extensive experience teaching mechanical drafting at both the secondary and post-secondary levels and has worked in industry as well. He holds an undergraduate degree from California University of Pennsylvania, a master's degree from the Pennsylvania State University, and a doctoral degree from the University of Pittsburgh. Dr. Helsel is now a full-time writer and has authored publications such as Engineering Drawing and Design, Fundamentals of Engineering Drawing, Programmed Blueprint Reading, Computer-Aided Engineering Drawing, and Mechanical Drawing: Board and CAD Techniques, as well as various workbooks and other ancillary products associated with the above publications.

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.

Ordered for School

great

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

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