


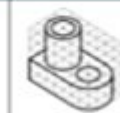



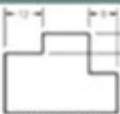


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# Engineering Graphics: Tools For The Mind & DVD

**ENGINEERING GRAPHICS:  
Tools for the Mind**  
A Comprehensive Set of Engineering Graphics Tools

Hand Sketching ♦ Audio/Video Presentation

 Lettering	 Sketching	 Orthographic Projection	 Isometric Drawings
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Bryan Graham  
University of Alabama

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Sections and Conventions	3-D Geometry Applications
Dimensions and Tolerances	Graphical Presentation of Data
Dimensioning for Production	Design Process

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## Synopsis

Engineering Graphics: Tools for the Mind is a comprehensive engineering textbook that combines hand sketching, audio/video presentation, and an engineering graphics digital reference book into a single textbook. All audio/video presentations and the engineering graphics digital reference book are contained in a single DVD bundled with the textbook. Engineering Graphics: Tools for the Mind is made up of eight sections. Each section starts with an explanation of the topic covered and is followed by hand sketching exercises for the student to complete. All 76 sketching exercises found in the textbook are printed on perforated paper making it easy for students to turn in for review. The textbook covers the following topics: Lettering Sketching Orthographic Projection Isometric Drawings Oblique Drawings Auxiliary Views Sections Dimensioning Audio/Video Presentation 16 separate audio/video lectures address the above topics and show students how to solve select problems contained in the book. To see a sample Audio/Video file from this DVD click below. The size of this file is 182MB and may take several minutes to download. Engineering Graphics Digital Reference Book: Technical Graphics, a 522 page engineering graphics textbook, is included in digital form to give your students reference material for a wide range of engineering graphics topics. Technical Graphics Table of Contents 1. Getting Started 2. Technical Sketching 3. Orthographic Projection 4. Pictorial Drawings 5. Sections and Conventions 6. Dimensions and Tolerances 7. Dimensioning for Production 8. Fastening, Joining, and Standard Parts 9. Production Drawings 10. Three-Dimensional Geometry Concepts 11. 3-D Geometry Applications 12. Graphical Presentation of Data 13. Design Process Appendix

## Book Information

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## Customer Reviews

Easy To read and with very nice exercises for students. It comes bundled with the text book on DVD.I am retired and now a Community College Instructor and found this book to be a real bargain and very useful in a Technical Graphics Course.

It was missing many pages and i had to return it and buy a new packaged one.

Brand new, cheap, and all the pages are well printed.

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Very good book

good sale

This book has everything I need for my class and came with the DVD as described. All the drawing exercises are also very useful. Overall happy with my purchase.

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