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## Engineering Drawing & Design (Seventh Edition)

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By Cencil Jensen, Dennis R. Short, Jay D. Helsel

Tata McGraw-Hill Education Pvt. Ltd, 2015. Softcover. Book Condition: New. 5th or later edition. 21 x 28 cm. Engineering Drawing and Design, combines engineering graphics and drafting in one accessible product. Technical drafting, like all technical areas, is constantly changing; the computer has revolutionized the way in which drawings and parts are made. This text covers the most current technical information available, including graphic communication, CAD, functional drafting, material positioning, numerical control, electronic drafting, and metrication, in a manner useful to both the instructor and student. The authors synthesize, simplify, and convert complex drafting standards and procedures into understandable instructional units. TABLE OF CONTENTS: Part 1: BASIC DRAWING AND DESIGN Chapter 1: Engineering Graphics as a Language Chapter 2: Computer-Aided Drawing (CAD) Chapter 3: Drawing Media, Filing, Storage and Reproduction Chapter 4: Basic Drafting Skills Chapter 5: Applied Geometry Chapter 6: Theory of Shape Description Chapter 7: Auxiliary Views and Revolutions Chapter 8: Basic Dimensioning Chapter 9: Sections PART 2: FASTENERS, MATERIALS, AND FORMING PROCESSES Chapter 11: Miscellaneous Types of Fasteners Chapter 12: Manufacturing Materials Chapter 13: Forming Processes PART 3: WORKING DRAWINGS AND DESIGN Chapter 14: Details and Assembly Drawings Chapter 15: Pictorial Drawings Chapter 16: Geometric Dimensioning and...



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