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About the Author: Richard G. Budynas is Professor Emeritus of the Kate Gleason College of Engineering at Rochester Institute of Technology. He has over 40 years' experience in teaching and practicing mechanical engineering design. He is the author of a McGraw-Hill textbook, Advanced Strength and Applied Stress Analysis, Second Edition; and co-author of a McGraw-Hill reference book, Roark's ...

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The definitive machine design handbook for mechanical engineers, product designers, project engineers, design engineers, and manufacturing engineers covers every aspect of machine construction and operation. The 3rd edition of the Standard Handbook of Machine Design will be redesigned to meet the challenges of a new mechanical engineering age. In addition to adding chapters on structural plastics and adhesives, which are replacing the old nuts bolts and fasteners in design, the author will also update and streamline the remaining chapters.

Intended for students beginning the study of mechanical engineering design, this book helps students find that the text inherently directs them into familiarity with both the basics of design decisions and the standards of industrial components.

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