



Manufacturing Processes Reference Guide

By Robert Todd



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- Breaks down the treatment of each process into three categories: Knowledge, Application, and Development and organizes each process family based on common characteristics.
- Comprehensively illustrates, defines, and explains each process to provide the reader with an unequalled understanding of the process and its applications.
- Encourages an appreciation of the integration of design and manufacturing engineering activities that results in more practical, less expensive, and better designed products for the consumer.

This item replaces 978-0-8311-3049-7. It is now a paperback/print-on-demand edition.

Written by a team of educators with unmatched experience, in collaboration with a consortium of industrial representatives from Black and Decker, Boeing, Caterpillar, General Motors, Grumman, Tektronix, Texas Instruments, Westinghouse, and Xerox, Manufacturing Processes Reference Guide provides thorough descriptions of over 125 of the most important processes available to industry today. This important resource encompasses the entire spectrum of manufacturing, from "Abrasive Jet Machining" to "Wire Drawing." Used with Fundamental Principles of Manufacturing Processes, the two books provide all the information needed to identify the ideal process for a specific manufacturing requirement.

"Todd, Allen, and Alting's book is intended to help integrate design and manufacturing engineering activities by providing students of engineering and designers in industry with easily accessible information about common manufacturing processes. The authors rightfully believe that the first step in designing a component is for the designer to become familiar with the processes that will be used in its manufacture. This always leads to more practical, less

expensive, and better designed products. [Recommended for] upper-division undergraduate through professional."

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Editorial Review

From the Back Cover

The key to understanding how to produce products with low response time, low inventory, and flexibility can be found in Fundamental Principles of Manufacturing Processes.

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