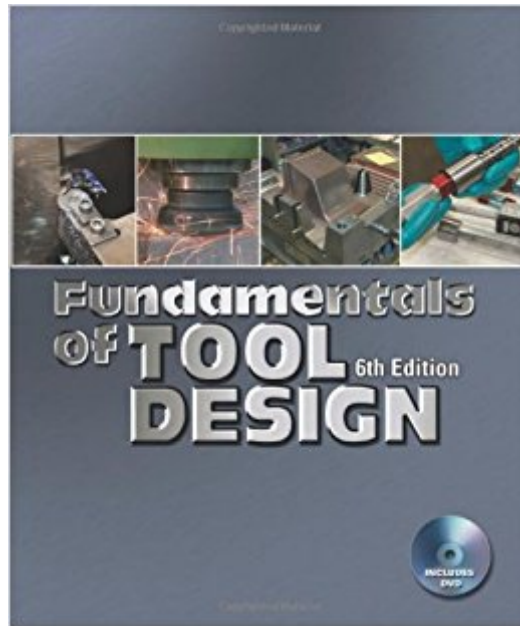




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Fundamentals Of Tool Design, 6th Edition



Synopsis

For over 40 years, students, designers, and manufacturing practitioners have used the Fundamentals of Tool Design to gain an in-depth understanding of all the factors that impact tool success. Fully illustrated, readers will find practical design examples, cost analysis calculations, process data, operating parameters, and tips and techniques--all of the concrete knowledge needed to spark innovation and resolve complex tooling challenges. Among the updates to the Sixth Edition, you'll find updated and expanded tool designer objectives and responsibilities, a designer's guide to machine tools, revised tool material, mechanical definitions and reference tables, expanded broaching examples and concepts, new sections on part location and support, expanded bushing applications, and revised GD&T information to include ASME Y14.5-2009. New appendices provide sources for tool design components, related web sites and search engines, and handy GD&T reference charts. Expanded learning resources include how to use the nine DVDs of the Fundamentals of Tool Design Video series to complement your study. A sample DVD, which includes video clips from the series, is included with the book. Additional review questions are located at the end of chapters.

Table of Contents * General Tool Design * Materials Used for Tooling * Cutting Tool Design * Workholding Concepts * Jig Design * Fixture Design * Power Presses * Die Design and Operation * Inspection and Gage Design * Tool Design for Joining Processes * Modular and Automated Tool Handling * Computer Applications in Tool Design * Geometric Dimensioning and Tolerancing

Book Information

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Customer Reviews

This is a textbook for a course you'd have to take but never really learn anything practical on the actual job. Not worth the money. Jig & Fixture Design by Hoffman is much better for getting a new tool designer up to speed and on the right track fast.

Keeping consistency with its title, it definitely gives the basic fundamentals of tool design. Very resourceful for an undergraduate level engineering student.

This was a good resource for tool design. I was required to purchase it for school, but it's one of the textbooks I kept.

Great book

Book is brand new and even comes with a CD!

good book

good sale

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