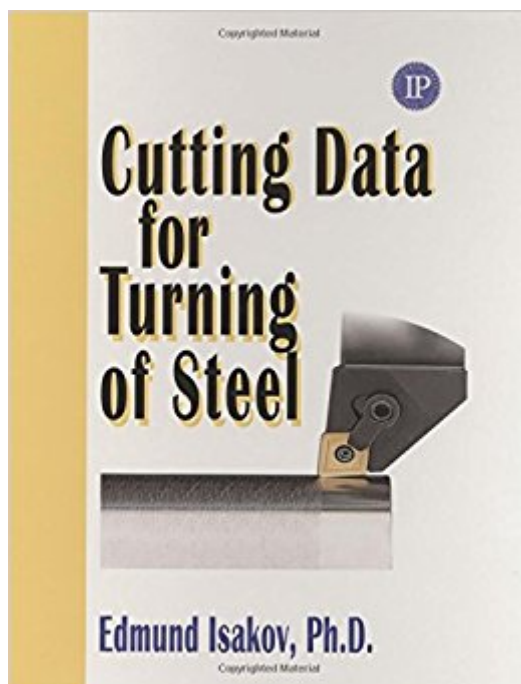


The book was found

Cutting Data For Turning Of Steel



Synopsis

Mechanical Properties of Steel Hardness Carbon Steels Alloy Steels Stainless Steels Tool Steels Cutting Tools Materials High Speed Steels Cemented Carbides Cermets Ceramics Polycrystalline Cubic Boron Nitride (PCBN) Machining Recommendations Depth of Cut and Feed Rate Cutting Speeds for Carbon Steels Cutting Speeds for Alloy Steels Cutting Speeds for Stainless Steels Cutting Speeds for Tool Steels Machining Power Metal Removal Rate Unit Power and Power Constant Calculating Required Machining Power Appendix 1: Hardness Conversion Appendix 2: Carbon Steels Appendix 3: Alloy Steels Appendix 4: Stainless Steels Appendix 5: Tool Steels

Machining is one of the most important manufacturing processes, which remove unwanted material in the form of chips from a workpiece. Material removal operations are among the most expensive; in the U.S. alone, more than \$100 billion were spent on machining in 1999. These high costs put tremendous economic pressures on production managers and engineers as they struggle to find ways to increase productivity. Machining recommendations provided in this book cover turning since it allows removing more material per unit of time and consuming more power at the roughing operations than end milling, boring or drilling. Machining recommendations relate to cutting speeds, feed rates, and depth of cuts. Such recommendations depend on the workpiece material properties and the cutting tool material. Workpiece materials described in this book are the most commonly used grades of carbon, alloy, stainless, tool, and maraging steels. Cutting tool materials are cemented carbides, cermets, and ceramics.

Book Information

Hardcover: 316 pages

Publisher: Industrial Press, Inc.; 1 edition (September 1, 2008)

Language: English

ISBN-10: 0121531732

ISBN-13: 978-0831133146

ASIN: 0831133147

Product Dimensions: 8.2 x 1 x 10.2 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 3.7 out of 5 stars 2 customer reviews

Best Sellers Rank: #1,381,650 in Books (See Top 100 in Books) #119 in Books > Engineering &

Transportation > Engineering > Energy Production & Extraction > Drilling Procedures #211

in Books > Engineering & Transportation > Engineering > Reference > Measurements #337

inÂ Books > Engineering & Transportation > Engineering > Materials & Material Science > Metallurgy

Customer Reviews

There is a great discrepancy between the title of the book and its contents. The author focusses more on hardness conversion than really cutting parameters. There is only one chapter devoted to machining recommendations. The rest is filled with dull appendices which only reproduces excel spreadsheets. Not worth the money at all.

This book is great for learning.

[Download to continue reading...](#)

Cutting Data for Turning of Steel Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data Book 1) Data Analytics: Applicable Data Analysis to Advance Any Business Using the Power of Data Driven Analytics (Big Data Analytics, Data Science, Business Intelligence Book 6) Big Data For Business: Your Comprehensive Guide to Understand Data Science, Data Analytics and Data Mining to Boost More Growth and Improve Business - Data Analytics Book, Series 2 Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data Analytics: Business Intelligence, Algorithms and Statistical Analysis (Predictive Analytics, Data Visualization, Data Analytics, Business Analytics, Decision Analysis, Big Data, Statistical Analysis) Data Analytics and Python Programming: 2 Bundle Manuscript: Beginners Guide to Learn Data Analytics, Predictive Analytics and Data Science with Python Programming Data Analytics For Beginners: Your Ultimate Guide To Learn and Master Data Analysis. Get Your Business Intelligence Right ã ã Accelerate Growth and Close More Sales (Data Analytics Book Series) Discovering Knowledge in Data: An Introduction to Data Mining (Wiley Series on Methods and Applications in Data Mining) Kristyã ã Summer Cutting Garden: A Watercoloring Book (Kristyã ã Cutting Garden) Rotary Cutting Revolution: New One-Step Cutting, 8 Quilt Blocks Cutting Edge Medical Technology (Cutting Edge Technology) Cutting Edge Military Technology (Cutting Edge Technology) Kristyã ã Spring Cutting Garden: A Watercoloring Book (Kristyã ã Cutting Garden) Turning Back: The Turning Series, Book 2 Fretboard Roadmaps - Lap Steel Guitar: The Essential

Patterns That All Great Steel Players Know and Use Coming Out (Danielle Steel) (Danielle Steel)
Steel: The Story of Pittsburgh's Iron and Steel Industry, 1852-1902

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)