

[PDF] Read Shop Reference for Students & Apprentices Full Book

Book info:

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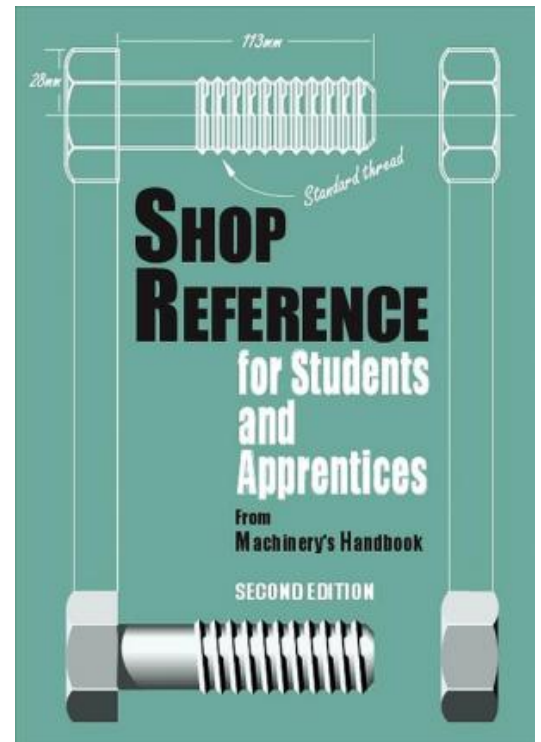
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Synopsis:

This book is designed to provide a completely authoritative yet affordable handbook for the machine shop, tool room, and drafting room. It includes material taken from 'Machinery's Handbook' and other authoritative sources and is presented in as clear, accurate, and easy-to-follow format as possible. The reader will find a wide range of useful formulas and data together with extensive text. From the ability to understand and use shop mathematics to the reading and interpreting of shop drawings, this book provides the basic information and know-how needed for starting out in the metalworking industries. It discusses applied mathematics, outlines the standard methods of presentation and the conventions used in preparing engineering drawings, and covers the proper use of measuring instruments and methods. It also offers detailed information on inch and metric standard tolerances, allowances, limits and fits, preferred numbers and sizes, as well as in-depth descriptions of the sizes, forms, dimensions of standard elements commonly encountered in and around the shop.

Machining methods and materials selection, recommended speeds and feeds for various kinds of machining operations on different materials, and the types and compositions of metals commonly used in machine construction are also

provided. And an extensive index will enable the user to quickly find the information and data required. This is an invaluable tool for anyone preparing for or beginning a career in metalworking, manufacturing, or mechanical engineering.

Additional Information:

Machine Tool Practices, Precision Machining Technology, Machining Fundamentals, Engineering Drawing and Design, An Workbook and Projects Manual for Hoffman/Hopewell/Janes' Precision Machining Technology, Blueprint Reading for Machine Trades, Machining Fundamentals Workbook, Machinery's Handbook Pocket Companion, Mathematics for Machine Technology, How to Run a Lathe, Mechanics of Materials, Blueprint Reading Basics, Programmable Logic Controllers, CNC Programming Handbook, Fox and Mcdonald's Introduction to Fluid Mechanics 8E, Machine Shop Practice: v. 2, Machine Shop Practice: v. 1, Machinery's Handbook, Milling, Metal Lathe for Home Machinists