

[PDF] Machinery's Handbook, 29th

Erik Oberg - pdf download free book



Books Details:

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Description:

Extensive Updates and 90 New Pages

Machinery's Handbook has been in continuous publication with frequent comprehensive revisions for more than a century. Released at the end of 2011, we proudly offer Machinery's Handbook 29th Edition - Toolbox. The edition's growth exceeds 90 pages. It offers major revisions as well as all-new material on a variety of topics. The Toolbox Edition employs our standard type size. We also offer a Large Print Edition that is easier to read yet fits the same pagination as Toolbox Edition. Here's a summary of new content:

Micromachining section is entirely new to this edition

Expanded material on the calculation of hole coordinates

Introduction to Metrology, the science of measurement

Additional content in sheet metal and presses; shaft alignment; taps and tapping; helical coil screw thread inserts; solid geometry; how to distinguish between bolts and screws; statistics, calculating thread dimensions, keys and keyways, miniature screws, metric screw threads and fluid mechanics.

Numerous sections have been thoroughly refreshed, reworked or renovated, including

Mathematics

Mechanics and Strength of Materials

Properties of Materials

Dimensioning

Gaging and Measuring

Machining Operations

Manufacturing Process

Fasteners

Threads and Threading

Machine Elements

Metric content has been dramatically expanded. Wherever practical, metric units are listed adjacent to customary U.S. units. And, many formulas now offer equivalent metric expressions. Frequent metric examples have been added.

The design and typography of Machinery's Handbook 29th Edition has also improved with expanded tables of content at the beginning of each section. Our editors have fine-tuned these tables to make it easier to find the information you seek. The typography, including all tables and equations has been updated and reset. And, a large number of illustrations have been redrawn for enhanced clarity.

As our long-time customers attest, Machinery's Handbook is the world's most popular reference work in metalworking, design, engineering and manufacturing facilities. It is in broad use in technical schools and colleges throughout the world. It is universally acknowledged as an extraordinary authoritative, comprehensive and practical tool, providing users with the most fundamental and essential aspects of sophisticated manufacturing practices. The 29th Edition of the "Bible of the Metalworking Industries" is the essential reference for Mechanical, Manufacturing, and Industrial Engineers, Designers, Draftsmen, Toolmakers, Machinists, Engineering and Technology Students, and the serious Home Hobbyist.

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