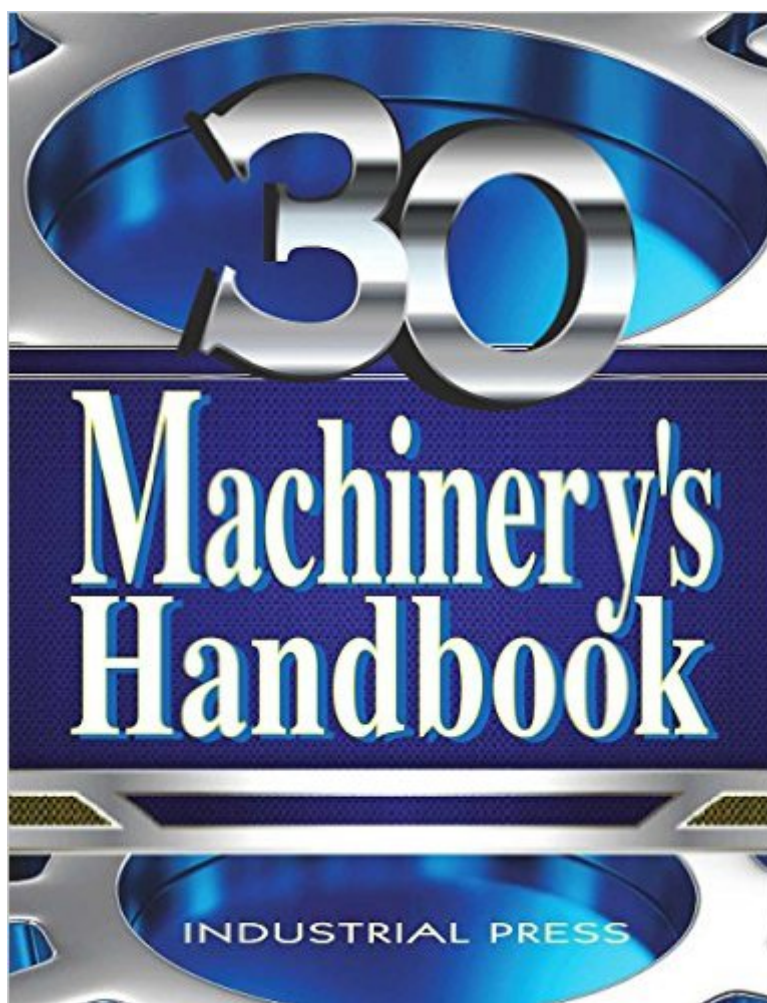


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# Machinery's Handbook, Toolbox Edition



## Synopsis

For more than 100 years, *Machinery's Handbook* has been the most popular reference work in metalworking, design, engineering and manufacturing facilities, and technical schools and colleges throughout the world. It is universally acknowledged as an extraordinarily authoritative, comprehensive, and practical tool, providing its users with the most fundamental and essential aspects of sophisticated manufacturing practice. The 30th edition of the "Bible of the Metalworking Industries" contains major revisions of existing content, as well as new material on a variety of topics. It is the essential reference for mechanical, manufacturing, and industrial engineers, designers, draftsmen, toolmakers, machinists, engineering and technology students, and the serious home hobbyist.

**New to the 30th Edition:** Expanded metrology section, including v-blocks and micrometer, vernier, and dial calipers. New fluid power section covering pneumatic, hydraulic, and vacuum theory and applications. New powder metallurgy section, including additive manufacturing. Even more useful specs, including tap drill sizes for Unified threads, reaming allowances for drilling, mesh and grit sizes, rules for figuring tapers, and assembly with pins and studs. Recently added information on sheet metal and presses, keys and keyways, shaft alignment, taps and tapping, helical coil screw thread inserts, metric screw threads, miniature screws, fluid mechanics, solid geometry, statistics, calculating hole coordinates and thread dimensions, and distinguishing between bolts and screws. Plus . . . Many thoroughly reworked and renovated sections throughout. Comprehensive tables of contents at the beginning of each section and extensive indexing. Hundreds of new and thousands of refined and redone illustrations and equations. Updated standards. Expanded metric content.

## Book Information

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Transportation > Engineering > Mechanical > Machinery #5 inÂ Books > Textbooks > Engineering > Industrial Engineering #13 inÂ Books > Textbooks > Engineering > Mechanical Engineering

## Customer Reviews

For anyone who's doing anything mechanical this is a handy reference to have at hand to make sure you do the job right. Even better is it also has all the reasoning and information used to create the tables you use for reference so you can understand not just the what but the why. As my coworker put it yesterday, "Hey can you pull out your magical book of awesome."

Print is too small to read. I returned it with no problems, and bought the "Large Print" (ie, normal size font) version instead.

While I may not use it every day when needed it has the answer!! The older editions are just as good as the newer (except for CNC information) and in every day use better than the new editions.

I have the 23rd revised edition I purchased in 1986. It was time to get an updated edition. This book is the most useful book for those in the manufacturing industry.

As an Engineer, Wore out my previous edition, needed a new one and this fit the Bill perfectly- Use it almost dailey in the shop and my Garage

It's a bit slow to find what I need when using this book as a quick reference for answering PE exam questions. I like how thorough it is and how I can find the general section I need with relative ease. A few misses though.. For instance, where are the force equations (radial and axial) for bevel gears??

It is in great condition and is perfect for my back small shop application. It has all of the drilling and machining infomation I need.

Very handy in the machine shop. Been a machinist for the last 30 years. Been fantastic in filling in the blanks.

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