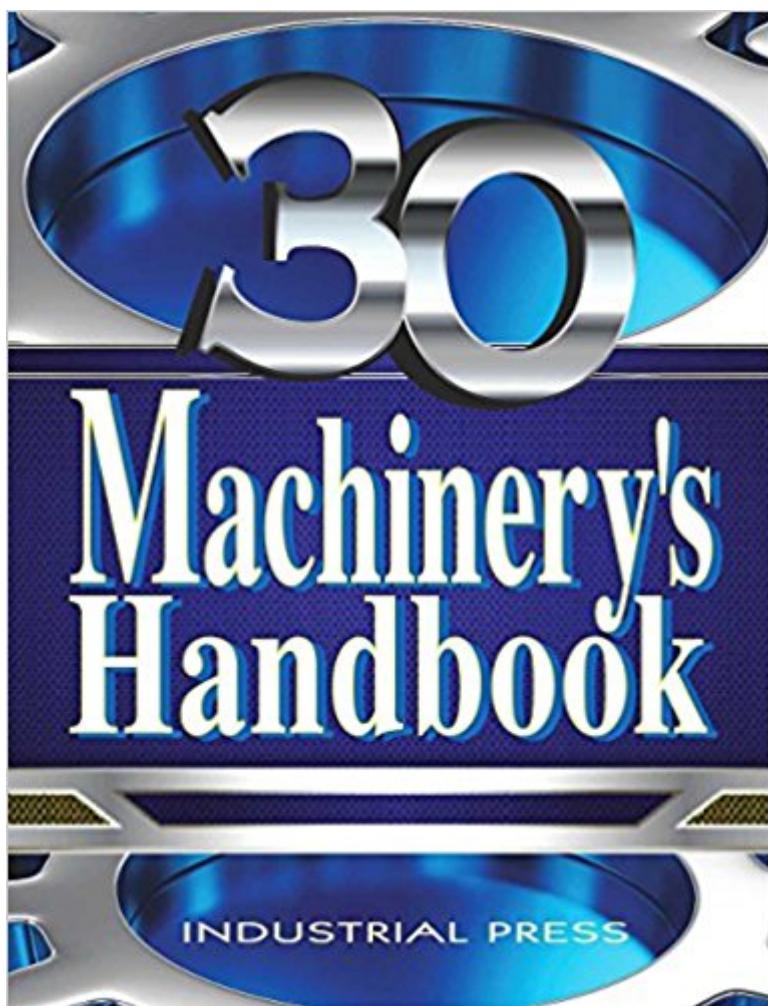


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# Machinery's Handbook, Toolbox Edition



## 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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## Customer Reviews

ErikÃ  ValdemarÃ  Oberg, born 1881, died 1951.

Update 7/30/12I have received my new copy with the improved paper, and have uploaded a photo of the same page as my previous book with the lesser quality paper. You can see that there is a significant improvement in the opacity of the paper and a reduction in the amount of bleed through from the following pages.Is it as good as my 24th edition? It's close, but no.Is it good enough for daily use? Probably.The text has gone from unreadable in the first printing to tolerable in the second. I've spent quite a bit of time today looking at various pages, and while distracting, the text from following pages doesn't completely overwhelm what you are trying to read. We shall see over time, but for the moment the larger text wins out over the tiny text in my 24th edition. The large print book will be kept with me at work and my old book will go in my toolbox at home.Use your own judgement before buying this book. Take a look at the photos I have uploaded and see for yourself if the bleed through is more distracting than you can accept.I've changed the number of stars in the review from one to three. The book should still be more readable considering its use.

=====Original review:Twenty years ago, I bought the 24th edition after graduating from college. It has served me well over the years but I wanted to give myself a treat this year and buy the updated version. I went with the large print since it was going to be my last one, and I wanted to make it easier on my eyes to read it later in life.I had read that the pages were thinner in the last few editions making it more difficult to read, but I decided to buy it anyway. How bad could it be? Well, I found out how bad. With luck, will publish my photo on the product page and you can see for yourself how thin the pages are. You can see the back of the page clearly, the front and back of the next page, and sometimes even the next page! This book is vastly more difficult to read than the 24th edition I have, and despite having some additional information I would like to have at my fingertips and the larger type, I just can't keep this book.What good is a reference book if you can't read it? What good is having super thin and super delicate pages on a book that you will use the most?Please, do yourself a favor and find a good used book. The information hasn't changed much, and your eyes will thank you.

The information in this book is a must for the amateur machinist. However, the quality of this book I received makes me think twice. My book was purchased brand new but it looks like it has been sitting for a while. -The binding and glue is coming undone without ever having opened it (Pictured)-Some of the pages aren't stamped with a radius correctly at the corners and some pages are stuck together. (Pictured)-5% of the pages are creased (Pictured)-Most of the pages have ripples from what looks like it being compressed for too long (Pictured) I would be fine with everything if the binding wasn't coming undone. This book will not last in a shop and the pages WILL come apart. I will be getting a replacement and hopefully its better. I will update. UPDATE 8/11/17 Received 2nd book (Last Picture). No creasing, no mis-stamping. Same issue with binding coming undone. Really disappointing. Really wish I would have got the digital one.

As someone who is a new apprentice in a machine shop I wanted to have my own copy to refer to now and going well into my career. This book is great and I was able to buy this one used from a library via for about \$50. I debated whether or not to buy a "large print" version but am happy enough with this one. I also like the fact that the spine is not firmly attached - in other words it is loose enough that it will allow you to open the book and see all the way to the center of the page without feeling like you have to hold it pried open with two hands. As for page thickness, I compare it to a bible - there is tons of information to fit in and unless you want a book 8" thick there has to be some sacrifice. If you're a home machinist, I would say that between the internet, local library, and other free resources you probably would not need this book unless you are planning on pumping out the projects.

Bought the large print edition, even tho' I wanted the toolbox edition- but was afraid it would not be readable, after the major screw-up by the publisher on the 28th or 29th edition regarding the paper. This large print is satisfactory and easy to read, although it is MUCH larger than the toolbox edition. This book is the machinist's and engineer's BIBLE, and a necessary part of our life, whether we like it or not. It is very important we be able to read it comfortably and quickly. This one can be read ok, but, as stated, takes up much of the top drawer of a Kennedy Tool Box.

While this is an invaluable resource to anyone in fields of design or manufacturing it is truly unfortunate that even the "improved" paper would be so thin as to render anything more than a quick glance dizzying. The idea that it could have somehow previously left the publisher looking worse than it does currently is a sad testament to how little Industrial Press really cares about the

quality of its books. It gets two stars because the content is solid. If you can find an older version do so, this is not worth \$100, hardly worth \$20 the way it reads.

This machining book isn't just for the professional. This can help the average Joe grasp and work a little more precisely with the tools most people have. This is an outstanding manual to get your toes dipped into machining. Any book in this series is a worthwhile purchase.

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