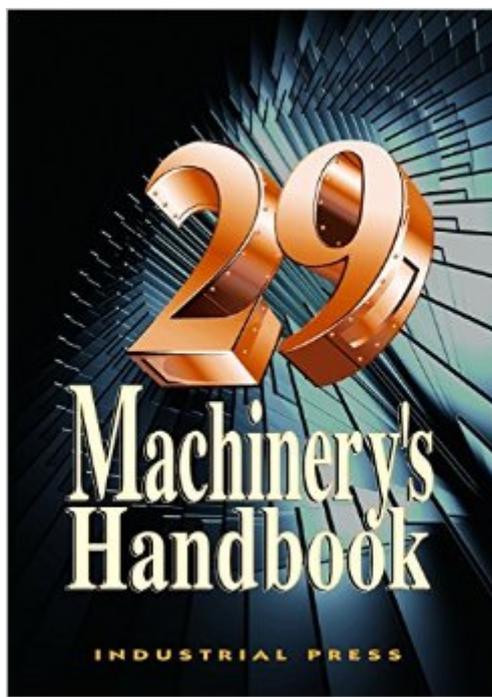


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Machinery's Handbook, 29th



Synopsis

Machinery's Handbook has been the most popular reference work in metalworking, design, engineering and manufacturing facilities, and in technical schools and colleges throughout the world for nearly 100 years. 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 29th 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 this edition are micromachining, expanded material on calculation of hole coordinates, an introduction to metrology, further contributions to the sheet metal and presses section, shaft alignment, taps and tapping, helical coil screw thread inserts, solid geometry, distinguishing between bolts and screws, statistics, calculating thread dimensions, keys and keyways, miniature screws, metric screw threads, and fluid mechanics. Numerous major sections have been extensively reworked and renovated throughout, including Mathematics, Mechanics and Strength of Materials, Properties of Materials, Dimensioning, Gaging and Measuring, Machining Operations, Manufacturing Process, Fasteners, Threads and Threading, and Machine Elements. The metric content has been greatly expanded. Throughout the book, wherever practical, metric units are shown adjacent to the U.S. customary units in the text. Many formulas are now presented with equivalent metric expressions, and additional metric examples have been added. The detailed tables of contents located at the beginning of each section have been expanded and fine-tuned to make finding topics easier and faster. The entire text of this edition, including all the tables and equations, has been reset, and a great many of the figures have been redrawn. The page count has increased by nearly 100 pages, to 2,800 pages. Updated Standards.

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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.

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