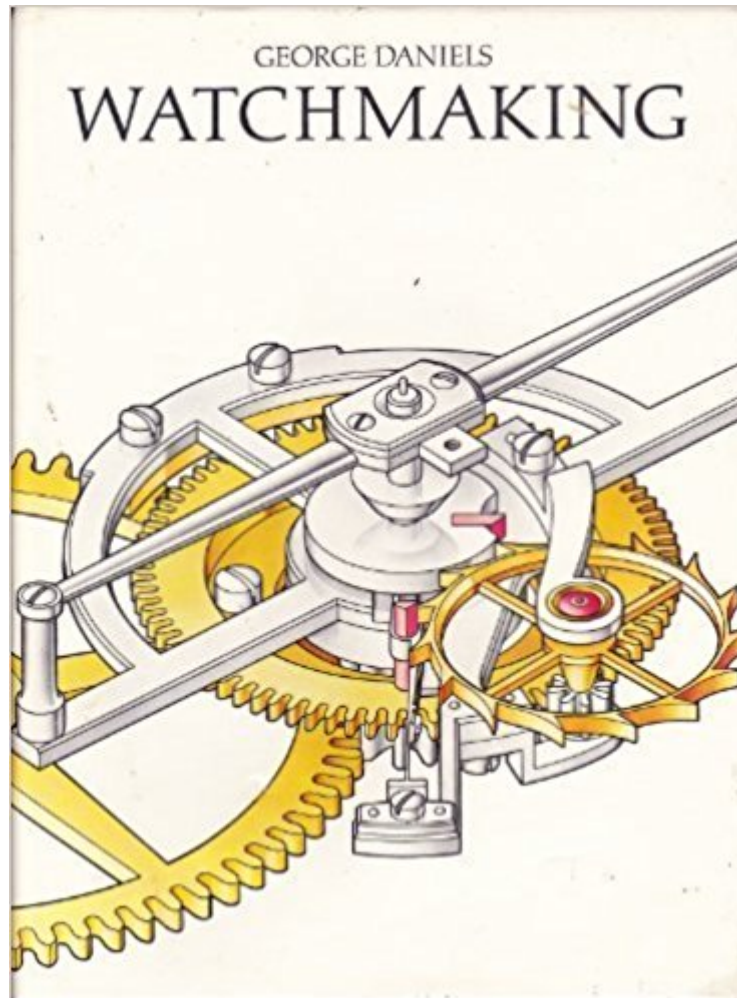




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Watchmaking



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Synopsis

This is the second reprint of the standard work on watchmaking; indispensable to watchmakers and restorers of mechanical watches. George Daniels completed his first watch in 1969, arousing enough interest to generate a renaissance in the art and skills of designing and making individual watches. Watchmaking describes every aspect of the antique craft of watch construction. Line drawings detail every manufacturing technique employed, and completed watches and their component details are illustrated in color. The author's principal aim in writing this book has been to inspire and encourage the art of watchmaking, especially among a new generation of enthusiasts. As a supreme master of this art, his advice is constantly sought both by students and watch repairers. His understanding of the problems that can beset the would-be watchmaker, especially in an age of mass production, his expert knowledge of the history of watchmaking, together with his concern for the continuation of the art, have convinced him of the need for a comprehensive study of the subject. One of the most interesting aspects of George Daniel's work, which this book describes, is that he makes every component of the watch himself. In addition to explaining the techniques required, many of which he has evolved himself, Daniels describes the tools that will be necessary for working, both by hand and machine, and also defines the ideal workshop and its contents. The making of the precision timekeeper is described, step by step, and is illustrated at each stage with line drawings and brief explanatory captions. The text is easy to follow and care has been taken to avoid complicated technical descriptions.

Book Information

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Customer Reviews

This is without a doubt the most technically complete book on *any* subject I have ever seen. Every design calculation is included; every tool used is drawn in clear precise line drawings; every motion of every tool used in every one of thousands of steps is succinctly, but completely, described. My god! When did he have time to make his watches? And the motherlode: color photos of every important watch he has made AND hundreds upon hundreds of detail photos of various sections of the watches AND color photos of every piece of every movement! Just a cursory glance at just the unusual or beautiful photos takes hours! I bought it because I thought it might help me get a start at cutting my own wheels (I want to build my own movement). But what I got was everything just short of George coming to my house and holding my hand. Unbelievable. Buy this book if you want to work on watches. Buy this book if you want to look at pretty watches. Buy this book if you want to see the pinnacle of engineering documentation. Buy this book!

All I can say is that this is a very well done book. It goes over almost anything that you would want to know about watchmaking from tools to turning and making small parts to escapement construction. While I am not a master watchmaker (in any way shape or form), I think it covers movement design in a very nice way. I very much like the chapter on the balance and spring. All and all this is a fine book that is worth having if you want to learn more about watchmaking and is a must have if you plan to put together a watch.

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