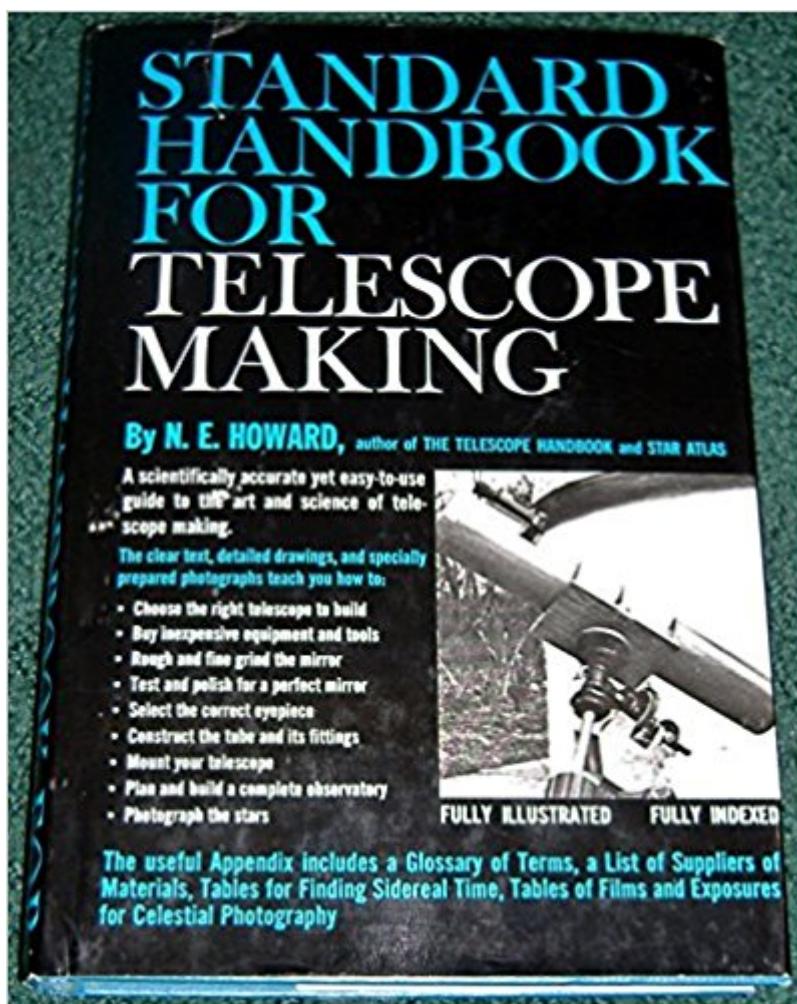


The book was found

Standard Handbook For Telescope Making (Telescope Making)



Synopsis

A scientifically accurate yet easy-to-use guide to the art and science of telescope making. The clear text, detailed drawings, and specially prepared photographs teach you how to: * chose the right telescope to build * Buy inexpensive equipment and tools * Rough and fine grind the mirror * Test and polish for a perfect mirror * Select the right eyepiece * Construct the tube and its fittings * Mount your telescope * Plan and build a complete observatory * Photograph the stars. * Fully Illustrated * Fully Indexed * Appendix including Glossary of Terms, Tables for Finding Sidereal Time, Tables of Films and Exposures for Celestial Photography

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Customer Reviews

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This is the book I checked out of the library when I made my first 8" Newtonian telescope mirror in the 70's. It's clear, straightforward, and not overwhelmingly technical. It gives enough detail to make a usable telescope. But it does not give you enough information to completely examine the mirror

and insure you'll come out with a great one. I highly recommend Texereau's standard "How to Make a Telescope" for making and testing the mirror. If you want to make a Dobsonian mount (the way to go for most homemade scopes) then Richard Berry's "Build Your Own Telescope" with 5 plans is a good start - it can be used alone, but I like Texereau's testing methods and explanations. Texereau was chief optician of the Paris Observatory and spent time all over the world at large observatories -including the USA- repairing mirrors that weren't quite right.

Amateur telescope making became popular in this country in the 1920's and was always primarily aimed at producing a Newtonian reflector on a German-style equatorial mounting. With the advent of inexpensive optics and the Dobsonian mount, the field is now more restricted to those who assemble a telescope from parts or those who simply like to "push glass." I used this book when making an eight inch Newtonian in the early 1960's and can attest that the German type mounting laid out is an excellent one. It does use 1 5/8 inch steel shafts for the axes, which is a little odd sized, and a 169-tooth gear on the polar axis, which was available from one vendor back then, but the mounting is a fine one. It uses a combination of pipe fittings, ball- or roller-bearings and some basic machined parts. This mounting could easily hold an 80 lb scope.

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