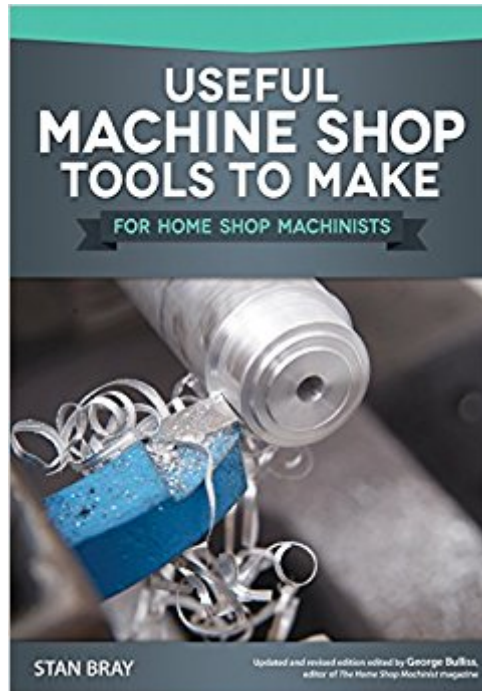




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Useful Machine Shop Tools For Home Machinists



Synopsis

Instead of throwing odds and ends of bar and rod into the scrap box, why not turn them into useful tools to simplify and speed up future work? Make your home machine shop more versatile and efficient by creating your own dependable tools for marking-out, benchwork, and machining. In this book, model engineering expert Stan Bray provides complete plans for making 15 simple but useful additions to your workshop equipment. Each of these tools takes no more than 3-4 hours to make, and requires no special materials. Fully dimensioned drawings, detailed instructions, and reference photographs accompany each project. This practical collection covers benchwork, the lathe, and milling operations. It includes: marking-out and machining aids; a simple motorized filing machine; an unusual and improved milling vice; a micrometer stand; internal and external chuck stops; cross drilling jigs; a hand turning rest; rear mounted toolposts; and a self-releasing mandrel handle.

Book Information

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Customer Reviews

"There comes a point for most home machinists when the shop has been completed, basic skills are mastered, and the question, "What now?" is asked. In *Useful Machine Shop Tools*, Stan Bray answers this question with 16 projects for the home machinist-projects that will build both your shop and your machinist's skills. No matter what the focus of your shop, you are bound to find a number of must-make tools among the time-tested selection presented here."-George Bulliss, *The Home Shop Machinist* magazine

Work Smarter With These Practical Tools

Make your home machine shop more versatile and efficient by creating your own dependable tools for marking-out, benchwork, and machining. In this book you'll find complete plans for making 15 simple but useful additions to your workshop equipment. Each tool takes no more than 3-4 hours to make, and requires no special

materials. Fully dimensioned drawings, detailed instructions, and reference photographs accompany each project.

Stan Bray has written more than a dozen books on metalworking and model engineering, including Basic Lathework for Home Machinists, Making Small Workshop Tools, Making Clocks, and Making Simple Model Steam Engines. He has been editor of Model Engineers' Workshop and assistant editor of Model Engineer magazines.

This is a somewhat good project book with clear drawings and explanations for a variety of useful tools. But be warned, this isn't a how-to book for beginners, you'll need to pair it with a book on basic machine shop skills.EDIT: Now that I'm actually making projects from this book I'm finding that the diagrams are missing important dimensions.

A nicely printed and organized book. But the B&W photos are a little grainy although the line drawings are very clear. My only problem is that the "tools" are limited in application and I only found one that I might build.

Somewhat disappointed. Very outdated and tools chosen were of limited use. Look for another tool project book.

I found the projects to be a little less useful than advertised, still a pretty good book.

Excellent book for anyone who has a mill and lathe. basic machining knowledge is required to produce the tools in this book but they are all easy enough and useful to make. Would recommend to anyone wanting small projects to work on. Invest time in this book and you will not only improve your machining skills and knowledge but you will walk away with 15 tools that you made! Great book !

good

helpful information

a1

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