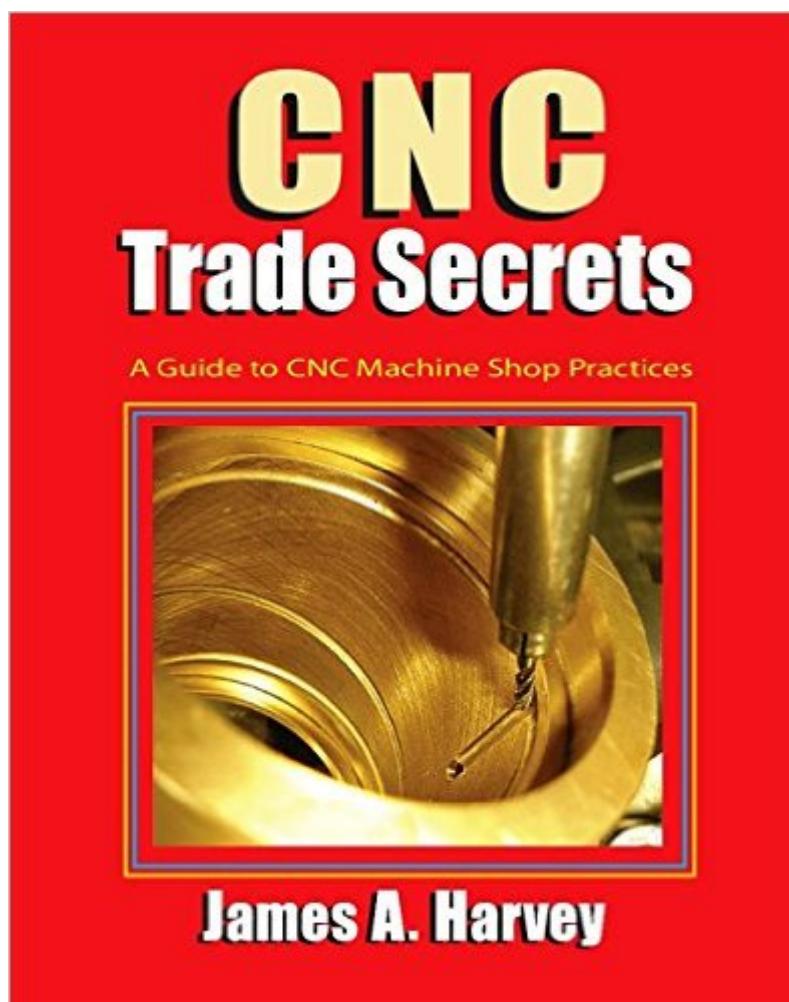


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# CNC Trade Secrets: A Guide To CNC Machine Shop Practices



## Synopsis

OverviewCNC Trade Secrets® is from the author of the bestselling and universally praisedMachine Shop Trade Secrets.® This new manual does for CNC machining what the first book did for conventional machining. With this guide to proven CNC machine shop practices, you will be producing machine parts faster, with fewer errors, and with less labor. You'll discover that you don't have to know everything there is to know to make parts on CNC machines - just as, for example, you don't have to know everything about Microsoft Word to write a letter. Whether you are a shop owner, machinist, designer, or hobbyist, you will find yourself referring to this manual again and again. Â Â

## Book Information

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## Customer Reviews

I've been a mold repair specialist for more than thirty years. I am comfortable machining and repairing parts with conventional shop equipment but never had the chance to learn CNC machining even though CNC machines were always available to me. I bought this book recently and after reading through the book, I am now able make simple parts on our 3-axis CNC mills. The book discusses in simple language how to use CAD/CAM to make and repair parts using CNC equipment. The book shows many real world examples of how to plan and make parts. It also discusses how to avoid crashing which I found especially helpful since I had little prior experience

This would be a good read for someone who had recently been hired at a CNC shop. It includes many very familiar problems that arise and offers good advise on how to deal with them. I also like the short tutorial on computer modeling, and there are plenty of good quality illustrations. The whole book is well organized. I was really looking for more technical information. It would be nice to find a book like this with something about the dark arts of feeds and speeds and different types of steel and tools and inserts. This book, like most others, shys away from anything not cut and dried. If there were a few less glossy photos and a few more pages I think there would be room for some reference topics which would make it more valuable over time.

A typo in the first sentence put me on guard, but the rest of the book was excellent. It delivers on its promise of lots of succinct tips. The pictures may not always be necessary, but I'm the kind of reader that appreciates having something relevant to look at while the information slowly sinks through my thick skull. If I were to make a change for the 2nd edition, I'd drop the CAM section and focus more on manual gcode. I'd really love to see how the offsets are setup to maintain appropriate contact with the radius of the hog nose mill while contouring. Or have both sections, but the CAM field is quite diverse these days, and unfortunately CAMWorks is the 7th most popular CAM package in the last survey I've seen. HSMWorks might be a better bet since it's easy to get an academic version of, and it was #2 in that survey. I'm nitpicking though. I wish there were more of these books. These are the kind of tips folks might get in big shops, but I miss out on because I'm essentially a one man shop. This really helps me fill in the gaps.

This book has a lot of simple, but VERY useful tips. If you are new to machining, you will find a lot that is useful in this book. If you are an old pro, less so. The book was more useful to me in explaining better ways to set things up. Things to avoid are very useful to be aware of since they mess up work and can be dangerous. If any of these tricks turn out to be useful they will probably pay for the book. Solid help with machining that wasn't in the machining text books from a guy who obviously knows what he is doing.

I've already used a number of tricks in this book to shorten the time it takes to program and make parts. Highly recommended!

full color print, low price, mostly trivial notes about CNC milling, nice picture book though, but new information content useable for me close to zero, I sold it after a few days reading â “ I could not find

any Trade Secrets in that book and I was a very beginner in CNC when I had it in my fingers.

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