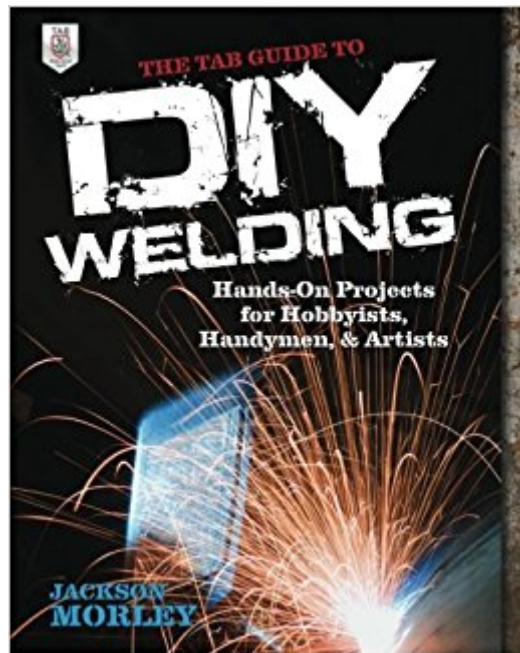


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The TAB Guide To DIY Welding: Hands-on Projects For Hobbyists, Handymen, And Artists



Synopsis

GET STARTED WITH METAL INERT GAS (MIG) WELDING! A practical guide with step-by-step instructions and hands-on projects for newcomers to metalwork and MIG welding The TAB Guide to DIY Welding shows you how to get started with MIG welding and metalworking. Inside, you'll find illustrated step-by-step instructions for making useful objects for around the home, as well as fun artistic projects. This easy-to-follow book takes you through setting up a metalworking studio, finding local resources for materials, and the safe operation of metal studio tools. Everything you need to know about MIG welding is here in one handy resource. You'll learn what steel is made of and the principles behind electrical welding. Then you'll learn how to acquire new steel, how to interface with steel suppliers, and how to find your own salvaged steel. After the basic principles of metalworking, hand and power tools are covered--and they're put to use through hands-on projects that allow you to develop new welding skills and establish building blocks for future tasks. By the end of the book, youTMll be able to create successful metal projects on your own, like a pro! Illustrated instructions with photos and drawings provide step-by-step procedures and clear explanations Projects include useful items for around your home and garden, including a log holder, plant stands and tables, a rolling garden cart, and a barbeque grill Easy-to-follow examples and explanations for beginning artists, DIYers, and hobbyists Expert advice from an experienced teacher of MIG welding courses Course supplement for classroom and shop instruction A list of online and local resources to help beginning metalworkers access a metalworking community

Book Information

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Engineering > Mechanical > Welding #67 inÂ Books > Engineering & Transportation > Engineering

> Materials & Material Science > Metallurgy

Customer Reviews

I bought my son a mig welder for Xmas. I wanted a book that would explain how to weld using the mig handler. Most books I found were dated with very old photos and not much "how to" on mig welding. I returned what I thought was the best of the lot and purchased this one. I like it! It's modern, up to date, with good color, step by step illustrations. The one thing missing, in my opinion, is cross-sectional close ups of good and bad welds and their causes of failure.

I got this book for my husband and he's reading it and liking it. He did mention that it's kind of for beginners and he could skip some stuff, but is reading it all. My husband doesn't weld much and we have a friend who welds as a profession - a needed activity for things that go wrong in this remote area of our state.

This is a great primer for those with no background in welding and looking to get into it. I have not yet started welding myself, but this book was a good foundation for learning. I still plan to buy a couple more books before I officially make the investment and begin practicing. For any beginner, you cannot go wrong with this book.

I love the various projects this kit guides you through: not only do you learn more about welding with each one, but you have all these awesome and useful and beautifully designed metal pieces at the end! It gives you all the knowledge you need to go on and make so many other things... basically opening the whole world of metal fabrication up to you. I also think this would be a perfect companion book to a hobby welding course at schools or art centers or industrial arts spaces.

Really like this book! I'm a total beginner though, so if you are already experienced, this book may be too basic for you. It's well-written and seems like the author is having a conversation with you.

Gift for Aspiring Welder. Looks good inside. Pretty on outside and well received. Projects look interesting but I haven't done any of them myself. This is a quality publication should do fine for a person with some knowledge of the craft.

This involves the author making a cart, metal table, grill from a 55 gallon drum, etc. None of the items were anything that I, or anyone that I know, would use. There were no complex concepts or innovative ideas. I learned nothing from this short book that will help me improve my welding skills,

metal working skills or anything else. I awarded it 2 stars because I think that the author was sincere.

Beginning welders like myself are eager to start welding yet don't know enough to do it safely and correctly. This book bridges that gap without being overly verbose. It takes the mystery out of welding in a way that's enjoyable to read. Some of the other books I tried to read contained an overwhelming amount of detail - perhaps those could be read later once the basics are understood. But for a pure beginner like me this one fit the bill. I now feel ready to actually try welding for myself ! In addition to welding, the book also takes the mystery out of many other basics of metal-working such as grinding, cutting, tools and purchasing metal stock.

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