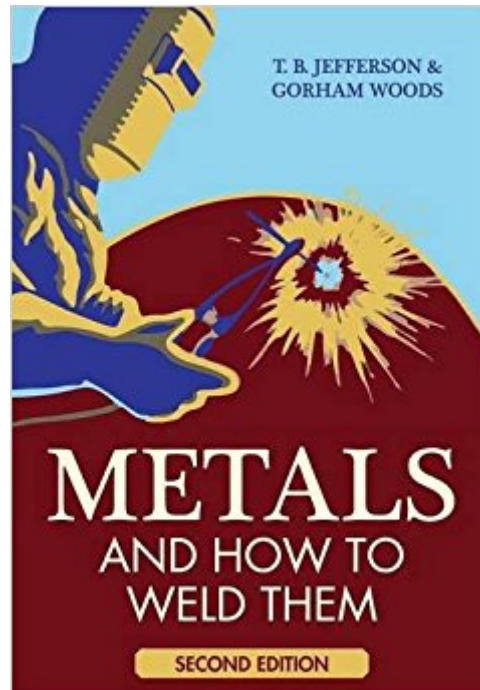




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Metals And How To Weld Them



Synopsis

Initially published in 1954 and revised in 1962, *Metals and How to Weld Them* is a standard reference in the field and provides the foundation of modern welding methods. This practical guide provides everything you need to get started welding, including information on preheating, heat treating, mechanical properties of metals, filler material selection, crystallography, and welding process options. In addition to the basics, Jefferson and Woods address an array of technical and chemical principals at work within the internal structure of metals and how these structures relate to mechanical and physical properties in addition to weldability. An assortment of diagrams, photos, and charts depict key ideas such as the characteristics of metals, how different metals change during the welding process, physical chemistry of steel alloys, fundamentals of metallurgy, and more. Jefferson and Wood's guidance will give you confidence in determining what welding materials and methods are right for the job. *Metals and How to Weld Them* has a place in the library of every amateur welder.

Book Information

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Customer Reviews

Lots of information which I am sure I will investigate thoroughly as particular needs become evident. Only disappointment is this latest edition is now quite a few years old so a new edition would be more useful. Some more modern developments such as inverter TIG welding are not covered well.

One of the best books about metalurgy and welding, You'll need this to explaine what goes on in the welding process wnd how different metal react in high temperature situations. Anyone that is serious

about welding either as a hobby or profession needs this book!

This book goes way beyond just explaining the best techniques to weld them. It dives into metallurgy, crystallography, grains, strength of metals and a whole lot more. It is well organized and provides thorough written explanations along with a lot of photos to help in understanding.

Probably great for a professional welder, or someone who really wants to get into it. But for me at least at my present learning skills it seems too technical. I need simple these days, such as YouTube videos. Perhaps someday if I need to look up something specific it may assist me.

Great reference book, everyboby should have this book in there library

Gave what I needed to know about metals.

Great book

Highly recommend!

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