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Metals and How to Weld Them (Paperback)

By Gorham Woods Theodore Brewster

BOLD STROKES BOOKS, United States, 2015. Paperback. Condition: New. Reprint ed.. Language: English . Brand New Book ***** Print on Demand *****.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.



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