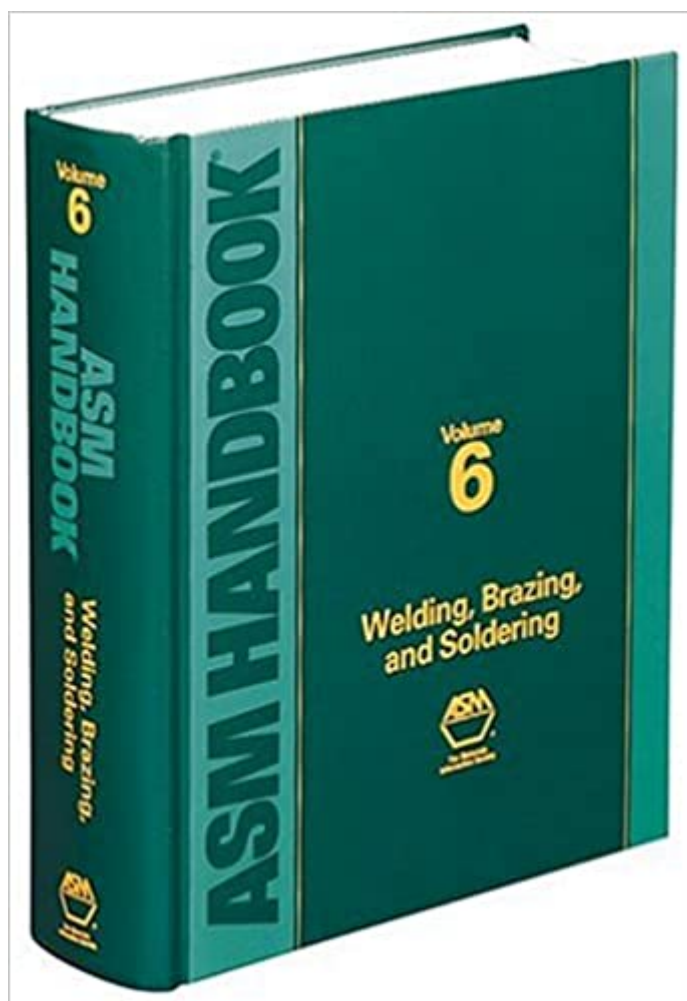


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ASM Handbook: Volume 6: Welding, Brazing, And Soldering (Asm Handbook)



Synopsis

Volume 6 is the most comprehensive reference book ever produced on the major joining technologies and their applications to engineered materials. With over 500 illustrations and 400 tables, this book includes practical advice on consumable selection and procedure development, as well as joining fundamentals, processes, assemblies and selection.

Book Information

Series: Asm Handbook (Book 6)

Hardcover: 1299 pages

Publisher: ASM International; 10 edition (December 1, 1993)

Language: English

ISBN-10: 0871703823

ISBN-13: 978-0871703828

Product Dimensions: 3 x 9.8 x 14.2 inches

Shipping Weight: 7.7 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 3 customer reviews

Best Sellers Rank: #863,484 in Books (See Top 100 in Books) #151 in [Books > Engineering & Transportation > Engineering > Mechanical > Welding](#) #204 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Metallurgy](#) #896 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science](#)

Customer Reviews

The ASM Handbook, Volume 6, Welding, Brazing, and Soldering, has been organized into a unique format that we believe will provide Handbook users with ready access to needed materials-oriented joining information at a minimal level of frustration and study time. When we developed the organizational structure for this Volume, we recognized that engineers, technicians, researchers, designers, students, and teachers do not seek out joining information with the same level of understanding, or with the same needs. Therefore, we established distinct sections that were intended to meet the specific needs of particular users. The experienced joining specialist can turn to the Section "Consumable Selection, Procedure Development, and Practice Considerations" and find detailed joining materials data on a well-defined problem. This Handbook also provides guidance for those who not only must specify the joining practice, but also the materials to be joined. The Section "Materials Selection for Joined Assemblies" contains comprehensive information about the properties, applications, and weldabilities of the major classes of structural materials. Together,

these two major sections of the Handbook should provide an engineer assigned a loosely defined design problem with the means to make intelligent choices for completing an assembly. Frequently, technologists are called upon to initiate and adopt welding processes without in-depth knowledge of these processes or the scientific principles that impact the properties and performance of weldments. The Sections "Fundamentals of Joining" and "Joining Processes" are designed to meet the needs of these users, or anyone who needs basic background information about joining processes and principles. Welding, brazing, and soldering are truly interdisciplinary enterprises; no individual can be expected to be an expert in all aspects of these technologies. Therefore, we have attempted to provide a Handbook that can be used as a comprehensive reference by anyone needing materials-related joining information. --ASM International

Published: 1993

You really should have this if you are in quality/welding of any kind. Wonderful giant-ass resource book filled with too much information. Need to know preheat of 8630 or 4140? It's in here. Need help figuring out why the weld broke? It's in here. Pick up a copy.

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A real reference - contains valuable info and it is a must have on any metallurgist's shelf.

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