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Descrizione fisica	1 online resource (ix, 421 pages) : illustrations
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Soggetti	Brazing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Contents -- Preface -- CHAPTER 1 Introduction to Brazing -- CHAPTER 2 Brazing Fundamentals -- CHAPTER 3 Elements of the Brazing Process -- CHAPTER 4 Base Metals and Base-Metal Family Groups -- CHAPTER 5 Brazing Filler Metals -- CHAPTER 6 Fluxes and Atmospheres -- CHAPTER 7 Fixturing, Tooling, Stopoffs, Parting Agents, Surface Preparation, Surface Cleaning, and Repair -- CHAPTER 8 Joint Design -- CHAPTER 9 Evaluation and Quality Control of Brazed Joints -- CHAPTER 10 Applications and Future Outlook -- Abbreviations and Symbols -- Subject Index -- Filler Metal Index.
Sommario/riassunto	This second edition of a text on brazing includes revised material on tooling, design, materials, atmospheres, processing, and equipment. Several new topics are covered, including nanostructures and materials, microwave and laser brazing, more effective use of vacuum atmospheres, functionally gradie