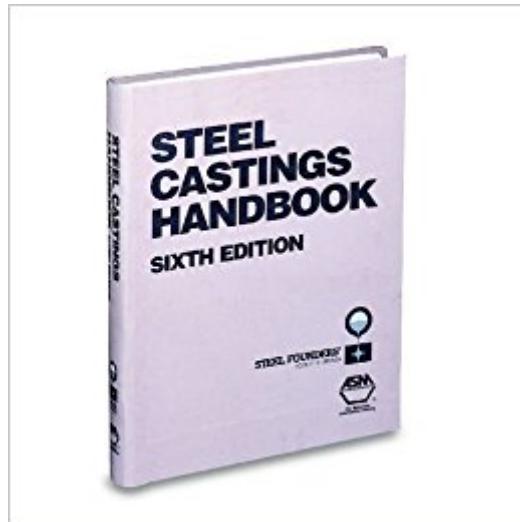


The book was found

Steel Castings Handbook



Synopsis

This guide tells you what you need to know about mechanical and physical properties and other pertinent information in the design and use of steel castings. Contents include: Introduction Industrial Applications Advantages Specifying Purchasing Policy Functional Considerations of Design Manufacturing Design Considerations Concurrent Engineering Engineering Drawings for Casting Production Redesign of Steel Castings Cast-Weld Construction Pattern Equipment Casting and Molding Processes Melting Finishing/Heat Treatment/Inspection Process Capability and Tolerances Quality Control and Quality Assurance Carbon and Low Alloy Steels for Pressure Containing and Structural Parts, Wear Resistant Steels Corrosion-Resistant High Alloy Steels Nickel Base Coatings Heat Resistant High Alloy Steels Low Temperature and Cryogenic Steels Hardenability and Heat Treatment Weldability and Welding Machinability Physical Properties.

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