



## The Steel Handbook

By Alok Nayar

McGraw-Hill Education, 2009. Hardcover. Book Condition: New. 3rd edition. 19 x 25 cm. The Steel Handbook is a unique compendium that provides designers, materials engineers and other users of steel with extensive data on: # Steel Specifications # Steel Processing # Steel Selection, Testing and Purchasing This handbook contains more than 140 data sheets on the most commonly used ISO wrought steel grades. These data sheets present for each steel grade the description, typical applications, chemical composition, available product forms, CCT diagram, hardenability data, mechanical and physical properties, and hot working and heat treatment temperatures. Standards and designations from America, Britain, Germany, France, India and Japan are also cross-referenced. The book also includes the hardness-tensile strength conversion table, conversion factors for mechanical and physical properties, and directory of standards organisations and technical societies. With this comprehensive and up-to-date coverage. The Steel Handbook will be of immense value to designers, materials engineers, steel producers, manufacturing engineers, quality assurance engineers, purchasing agents, and researchers. Table of contents Chapter 1. Classification of Steels Chapter 2. Designation System for Wrought Steels Based on Steel Names Chapter 3. Phase Transformations and Microstructures in Steels Chapter 4. Heat Treatment of Steels Chapter 5. Types of Steels...



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