



metals



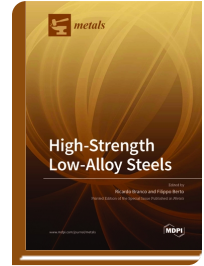
Special Issue Reprint

High-Strength Low-Alloy Steels

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Modern industry, driven by the recent environmental policies, faces an urgent need for the production of lighter and more environmentally-friendly components. High-strength low-alloy steels are key materials in this challenging scenario because they provide a balanced combination of properties, such as strength, toughness, formability, weldability, and corrosion resistance. These features make them ideal for a myriad of engineering applications which experience complex loading conditions and aggressive media, such as aeronautical and automotive components, railway parts, offshore structures, oil and gas pipelines, power transmission towers, and construction machinery, among others. The goal of this book is to foster the dissemination of the latest research devoted to high-strength low-alloy (HSLA) steels from different perspectives.



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