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Título: Creep Resistant Steels

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Editorial: **Año:** 2008

Tema: **Edición:** 1ª

Sinopsis **ISBN:** 9781420070880

Creep-resistant steels must be reliable over very long periods of time at high temperatures and in severe environments. Understanding and improving long-term creep strength is essential for safe operation of plant and equipment. This book provides an authoritative summary of key research in this important area. The first part of the book describes the specifications and manufacture of creep-resistant steels. Part two covers the behaviour of creep-resistant steels and methods for strengthening them. The final group of chapters analyses applications in such areas as turbines and nuclear reactors. Creep-resistant steels will be a valuable reference for the power generation, petrochemical and other industries which use high strength steels at elevated temperatures.