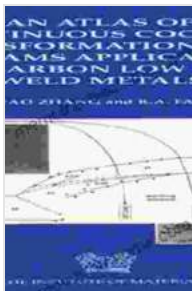


# An Atlas of Continuous Cooling Transformation (CCT) Diagrams Applicable to Low and Medium Carbon Steels

This atlas is a comprehensive guide to the CCT diagrams of low and medium carbon steels. These diagrams are essential for understanding the heat treatment of steel and for predicting the microstructure and properties of steel products.



## An Atlas of Continuous Cooling Transformation (CCT) Diagrams Applicable to Low Carbon Low Alloy Weld Metals

★★★★★ 5 out of 5

Language : English

File size : 4767 KB

Print length : 100 pages



The CCT diagrams in this atlas are based on the latest research and are presented in a clear and concise format. They are easy to use and can be used to predict the microstructure and properties of steel products for a wide range of cooling conditions.

This atlas is an essential resource for anyone involved in the heat treatment of steel. It is also a valuable reference for students and researchers in the field of materials science.

### Benefits of using CCT diagrams

- Predict the microstructure and properties of steel products
- Optimize the heat treatment process
- Reduce the risk of defects
- Improve the quality and performance of steel products

### **Applications of CCT diagrams**

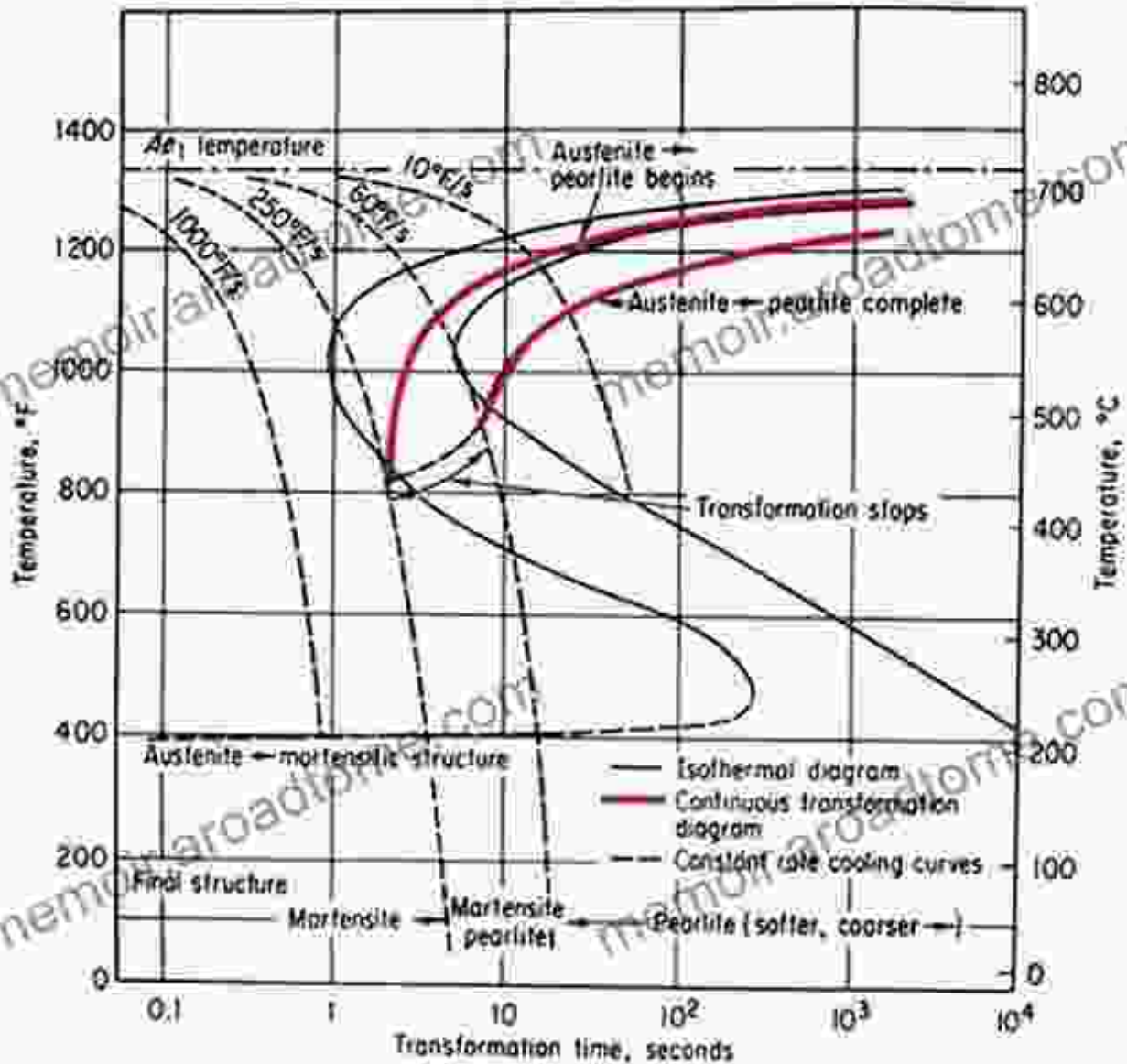
- Heat treatment of steel
- Design of steel products
- Failure analysis of steel products
- Research and development in the field of materials science

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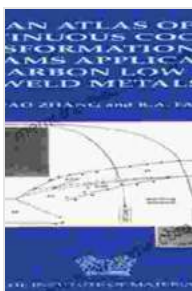
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Continuous Cooling-Transformation (C-T) Diagram

(Derived from the isothermal-transformation diagram for a plain-carbon eutectoid steel)



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