

# Design of Steel Structures Part 2: Design of Joints

This book is the second part of a two-part series on the design of steel structures. The first part, Design of Steel Structures Part 1: General Principles, covered the basic principles of steel design, including the properties of steel, the design of beams, columns, and trusses. This second part focuses on the design of joints, which are the connections between the various members of a steel structure.



## Design of Joints in Steel Structures: Eurocode 3: Design of Steel Structures; Part 1-8 Design of Joints

by Tina Kilberg

★★★★☆ 4 out of 5

Language : English  
File size : 13545 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting: Enabled  
Print length : 374 pages  
Lending : Enabled



Joints are critical to the safety and performance of a steel structure. They must be able to transfer loads safely and efficiently from one member to another, and they must be resistant to failure under both static and dynamic loading. The design of joints is a complex and challenging task, but it is essential to ensure the safety and integrity of the structure.

This book provides a comprehensive overview of the design of steel joints. It covers the following topics:

- The types of steel joints
- The design principles for steel joints
- The design of specific types of steel joints
- The testing and inspection of steel joints

This book is an essential resource for engineers and architects who are involved in the design of steel structures. It provides a clear and concise explanation of the principles of steel joint design, and it includes numerous examples and illustrations to help you understand the concepts.

### **Benefits of Using This Book**

- Learn the principles of steel joint design
- Design specific types of steel joints
- Test and inspect steel joints
- Ensure the safety and integrity of steel structures

### **Who Should Read This Book?**

- Engineers
- Architects
- Students
- Anyone who is interested in the design of steel structures

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Thank you for your interest in this book. I hope you find it to be a valuable resource.

Sincerely,

[Author's Name]



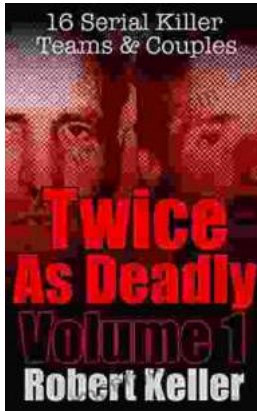
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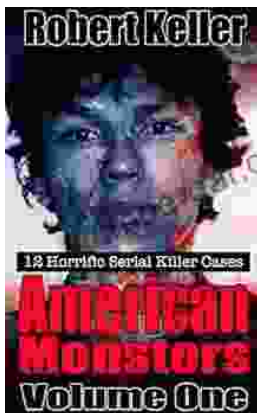
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