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**An American National Standard**



# **Recommended Practices for Stud Welding**

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**American Welding Society**

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An American National Standard**

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# **Recommended Practices for Stud Welding**

**3rd Edition**

**Supersedes ANSI/AWS C5.4-84**

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Prepared by the  
Welding and Cutting

Under the Direction of the  
AWS Technical Activities Committee

Approved by the  
AWS Board of Directors

## **Abstract**

These recommended practices for stud welding, prepared by the Subcommittee on Stud Welding of the AWS Committee on Arc Welding and Cutting, are intended to serve as a basic guide for those interested in attaching fasteners by arc and capacitor discharge stud welding.

The variations of the process, stud design, equipment, welding procedures, quality control, and safety precautions are discussed. The information presented will guide the designer and the shop in the utilization of studs in many fields including automotive manufacture, boiler and building construction, farm and industrial equipment, railroads and shipbuilding, aircraft and aerospace, metal furniture, and other metal working industries.



**American Welding Society**

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