

AWS G2.1M/G2.1:2012  
An American National Standard



# Guide for the Joining of Wrought Nickel-Based Alloys



**American Welding Society®**



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An American National Standard**

**Approved by the  
American National Standards Institute  
October 16, 2012**

# **Guide for the Joining of Wrought Nickel-Based Alloys**

**2nd Edition**

**Supersedes AWS G2.1M/G2.1:2002**

Prepared by the  
American Welding Society (AWS) G2 Committee on the Joining of Metals and Alloys

Under the Direction of the  
AWS Technical Activities Committee

Approved by the  
AWS Board of Directors

## **Abstract**

This document describes the welding of different wrought nickel-based alloys, including solid solution and precipitation hardening alloys.

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## Foreword

This foreword is not part of AWS G2.1M/G2.1:2012, *Guide for the Joining of Wrought Nickel-Based Alloys*, but is included for informational purposes only.

The American Welding Society formed the G2 Committee on the Joining of Metals and Alloys in 1992 in response to an industry demand for information on welding the metals and alloys that have not been covered by other documents and committees. This is the second edition of this document; the first was published in 2002.

Underlined text in clauses, tables, or figures indicates an editorial or technical change from the 2002 edition. A vertical line in the margin also indicates a revision from the 2002 edition.

Comments and suggestions for the improvement of this standard are welcome. They should be sent to the Secretary, AWS G2 Committee on the Joining of Metals and Alloys, American Welding Society, 8669 Doral Blvd., Suite 130, Doral, FL 33166.

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