

Australian/New Zealand Standard™

**High-strength steel fastener assemblies
for structural engineering — Bolts, nuts
and washers**

**Part 2: Verification testing for bolt
assemblies**

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AS/NZS 1252.2:2016

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The following are represented on Committee ME-029:

Association of Accredited Certification Bodies
Association of Wall and Ceiling Industries of Australia and New Zealand
Australasian Corrosion Association
Australian Chamber of Commerce and Industry
Australian Engineered Fasteners and Anchors Council
Australian Industry Group
Australian Steel Institute
Austroads
Bureau of Steel Manufacturers of Australia
CSIRO
Galvanizers Association of Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-029, Fasteners, to supersede, in part, AS/NZS 1252:1996, *High-strength steel bolts with associated nuts and washers for structural engineering*.

This Standard is a companion document to AS/NZS 1252.1, *High-strength steel fastener assemblies for structural engineering—Bolts, nuts and washers, Part 1: Technical requirements*. The verification testing specified in this Standard is additional to the testing required by AS/NZS 1252.1.

The objective of this Standard is to give provisions for verification testing of high-strength steel bolt assemblies for structural engineering, for suppliers, specifiers (e.g. designers, procurement agencies and purchasers) and third-party certification bodies, to provide confidence in the product's conformity with the requirements of AS/NZS 1252.1.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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Bolts, nuts and washers****Part 2: Verification testing for bolt assemblies**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE OF STANDARD

This Standard gives provisions for verification testing of high-strength steel bolt assemblies for structural engineering, which is the testing undertaken by the supplier who first puts the product into the market in Australia or New Zealand.

NOTE: The verification testing is additional to the testing required by AS/NZS 1252.1.

1.2 EXCLUSIONS

This Standard does not specify requirements for—

- (a) product testing as related to manufacture and ongoing control of production;
- (b) production process control; or
- (c) management systems.

NOTES:

- 1 Specific initial type testing or production testing requirements, such as test methods, and specific requirements related to ongoing control of production, are contained in AS/NZS 1252.1.
- 2 Production process control is also sometimes referred to as ongoing control of production, production quality control, or factory inspection.
- 3 Specific requirements for management systems are found in other standards, e.g. the requirements for quality management systems are contained in AS/NZS ISO 9001.

1.3 APPLICATION**1.3.1 General**

Verification testing in accordance with this Standard shall be undertaken by the supplier who first puts the product into the market in Australia or New Zealand. Compliance with this Standard shall be required by specifiers (e.g. designers, procurement agencies and purchasers) to provide confidence by verification testing that the product meets the requirements of AS/NZS 1252.1.

This Standard also provides supplementary requirements for product certification testing and for third-party bodies in carrying out their conformity assessment activities.

NOTES:

- 1 When ordering fastener assemblies, this Standard should be specified.
- 2 The application of this Standard for verifying product conformity may be limited to one or more product types, or even to specific batches of product.

1.3.2 Legislation

This Standard needs to be read in conjunction with the legislation, by-laws, guidelines and regulations of regulatory authorities.