

Australian/New Zealand Standard™

Scaffolding

Part 2: Couplers and accessories



AS/NZS 1576.2:2016

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD-036, Scaffolding. It was approved on behalf of the Council of Standards Australia on 14 October 2016 and by the New Zealand Standards Approval Board on 5 October 2016.

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The following are represented on Committee BD-036:

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Australian Council of Trade Unions
Australian Industry Group
Australian Steel Institute
Business New Zealand
Engineered Wood Products Association of Australasia
Engineers Australia
Hire and Rental Industry Association of Australia
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This Standard was issued in draft form for comment as DR AS/NZS 1576.2:2016.

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PREFACE

This Standard was prepared by the Standards Australia Committee BD-036, Scaffolding, to supersede AS/NZS 1576.2:2009.

The objective of this Standard is to provide manufacturers and suppliers of couplers and accessories with requirements that will ensure the proper operation of couplers and accessories for light, medium, heavy and special duty scaffolding.

Tubes, couplers and accessories that have been tested to AS/NZS 1576.2:2009, *Scaffolding, Part 2: Couplers and accessories*, are deemed to be compliant provided they have been tested and documented in accordance with the relevant Standard.

This edition incorporates the following major changes to the 2009 edition:

- (a) Couplers that meet the performance requirements of EN 74-1, *Couplers, spigot pins and baseplates for use in falsework and scaffolds, Part 1: Couplers for tubes—Requirements and test procedures*, for similar type couplers are deemed to comply with this Standard without the need for type testing.
- (b) Introduction of performance requirements for aluminium adjustable baseplates and aluminium adjustable swivel baseplates.
- (c) The scope of the vertical load test in Appendix H has been extended to cover both aluminium and steel baseplates.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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Australian/New Zealand Standard
Scaffolding

Part 2: Couplers and accessories

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for couplers and accessories for scaffolding complying with AS/NZS 1576.3 and AS/NZS 1576.6.

NOTE: Guidance on means for demonstrating conformity with this Standard is given in Appendix P.

1.2 NORMATIVE REFERENCES

The following are the normative documents referenced in this Standard:

NOTE: Documents referenced for informative purposes are listed in the Bibliography.

AS

- 1111 ISO metric hexagon bolts and screws (all parts)
- 1112 ISO metric hexagon nuts (all parts)
- 1237 Plain washers for metric bolts, screws and nuts for general purposes (all parts)
- 1444 Wrought alloy steels—Standard, hardenability (H) series and hardened and tempered to designated mechanical properties
- 1450 Steel tubes for mechanical purposes
- 1874 Aluminium and aluminium alloys—Ingots and castings

AS/NZS

- 1163 Cold-formed structural steel hollow sections
- 1554 Structural steel welding
- 1554.1 Part 1: Welding of steel structures
- 1576 Scaffolding
- 1576.1 Part 1: General requirements
- 1576.3 Part 3: Prefabricated and tube-and-coupler scaffolding
- 1576.6 Part 6: Metal tube-and-coupler scaffolding—Deemed to comply with AS/NZS 1576.3
- 1594 Hot-rolled steel flat products
- 1665 Welding of aluminium structures
- 1734 Aluminium and aluminium alloys—Flat sheet, coiled sheet and plate
- 1866 Aluminium and aluminium alloys—Extruded rod, bar, solid and hollow shapes
- 2451 Bolts, screws and nuts with British Standard Whitworth threads (rationalized series)