AS 1420—2008
ISO 4762:2004
Reconfirmed 2015

AS 1420—2008

Australian Standard®

# ISO metric hexagon socket head cap screws




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This Australian Standard® was prepared by Committee ME-029, Fasteners. It was approved on behalf of the Council of Standards Australia on 28 May 2008.
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The following are represented on Committee ME-029:

- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Bureau of Steel Manufacturer of Australia
- Federal Chamber of Automotive Industries
- Materials Australia

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This Standard was issued in draft form for comment as DR 07422.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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# RECONFIRMATION

# OF
# AS 1420—2008
# ISO metric hexagon socket head cap screws

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# PREFACE

This Standard was prepared by the Standards Australia Committee ME-029, Fasteners to supersede AS 1420—2001.

The objective of this Standard is to provide manufacturers and users of threaded fasteners with the dimensions and mechanical properties for hexagon socket head cap screws with coarse metric threads.

This Standard is identical with, and has been reproduced from ISO 4762:2004, *Hexagon socket head cap screws*.

In addition to updating the list of reference documents the following minor technical changes have been introduced to this edition:

(a) Changes to the requirements for broached sockets.

(b) Reference to ISO 23429 for the gauging of hexagon sockets.

Statements expressed in mandatory terms in footnotes to tables are deemed to be requirements of this Standard.

The terms 'normative' and 'informative' are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

As this Standard is reproduced from an international standard, the following applies:

(i) Its number appears on the cover and title page while the international standard number appears only on the cover.

(ii) In the source text 'this International Standard' should read 'this Australian Standard'.

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References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

| *Reference to International Standard* | | *Australian Standard* | |
|---|---|---|---|
| ISO | | AS | |
| 898 | Mechanical properties of fasteners made of carbon and alloy steel | 4291 | Mechanical properties of fasteners made of carbon and alloy steel |
| 898-1 | Part 1: Bolts, screws and studs | 4291.1 | Part 1: Bolts, screws and studs |
| 4759 | Tolerances of fasteners | 5066 | Tolerances for ISO metric bolts, screws, studs and nuts—Product grades A, B and C |
| 4759-1 | Part 1: Bolts, screws studs and nuts—Product grades A, B and C | | |

Any international references not listed have not been adopted as Australian or Australian/New Zealand Standards.

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