



Fasteners—Electroplated coatings



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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
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 - Materials Australia
 - National Association of Steel-Framed Housing
 - National Association of Testing Authorities Australia
 - New Zealand Heavy Engineering Research Association
 - Society of Automotive Engineers Australasia
 - Swinburne University of Technology
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This Standard was issued in draft form for comment as DR AS 1897:2016.

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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Australian Standard[®]

Fasteners—Electroplated coatings

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PREFACE

This Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee ME-029, Fasteners, to supersede AS 1897—1976, *Electroplated coatings on threaded components (metric coarse series)*. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to specify dimensional requirements for electroplated fasteners of steel or copper alloy. It specifies coating thicknesses and gives recommendations for hydrogen embrittlement relief for fasteners with high tensile strength or hardness and for surface-hardened fasteners.

This Standard is identical with, and has been reproduced from ISO 4042:1999, *Fasteners—Electroplated coatings*.

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

- (a) In the source text ‘this International Standard’ should read ‘this Australian Standard’.
- (b) A full point substitutes for a comma when referring to a decimal marker.
- (c) The unit ‘ml’ used in the source text for millilitres should read ‘mL’.

None of the normative references in the source document have been adopted as Australian or Australian/New Zealand Standards.

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.

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