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Technical Specification

Design of post-installed and cast-in fastenings for use in concrete

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This Australian Technical Specification was peer reviewed by Committee ME-029, Fasteners. It was approved on behalf of the Council of Standards Australia on 14 December 2015. This Technical Specification was published on 23 December 2015.

The following are represented on Committee ME-029:

- Association of Accredited Certification Bodies
- Association of Wall and Ceiling Industries of Australia & NZ
- 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
- 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
- Steel Construction New Zealand
- Swinburne University of Technology

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Technical Specification through their representation on the Committee.

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First published as SA TS 101:2015.

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Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 1 76035 368 1

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PREFACE

This Australian Technical Specification was prepared by an expert committee representing relevant organisations listed in the acknowledgements and peer reviewed by the Standards Australia Committee ME-029, Fasteners.

The objective of this Australian Technical Specification is to provide minimum design requirements for fastenings used to transmit loads to concrete for safety-critical applications.

The term 'normative' has been used in this Australian Technical Specification to define the application of the appendices to which they apply. A 'normative' appendix is an integral part of an Australian Technical Specification.

Requests for interpretations or suggestions for improvement should be forwarded in the first instance to Standards Australia.

ACKNOWLEDGEMENTS

This Australian Technical Specification was instigated by the Australian Engineered Fasteners and Anchors Council (www.aefac.org.au) and developed by a committee comprising the following organisations:

Allthread Industries Pty Ltd
Ancon Building Products
Australian Building Codes Board
Australian Engineered Fasteners and Anchors Council
Australian Steel Institute
Australian Window Association
Commonwealth Scientific and Industrial Research Organisation (CSIRO)
Concrete Institute of Australia
Edith Cowan University
Engineers Australia
Hilti (Aust.) Pty Ltd
Hobson Engineering Company Pty Ltd
Housing Industry Association Ltd
ITW Construction Systems
National Precast Concrete Association Australia
Simpson Strong-Tie
Stanley Black & Decker Australia Pty Ltd (Powers)
Swinburne University of Technology
Würth Australia Pty Ltd

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