

AS/NZS 4291.2:1995
ISO 898-2:1992

Australian/New Zealand Standard

Mechanical properties of fasteners

**Part 2: Nuts with specified proof
load values—Coarse thread**

AS/NZS 4291.2:1995

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Australian Chamber of Commerce and Industry
Bureau of Steel Manufacturers of Australia
Electricity Supply Association of Australia
Fasteners Institute of Australia
Federal Chamber of Automotive Industries
Metal Building Products Manufacturers Association
Metal Trades Industry Association of Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/29 on Fasteners. It is identical with, and has been reproduced from ISO 898-2:1992, *Mechanical properties of fasteners Part 2: Nuts with specified proof load values—Coarse thread*.

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For the purpose of this Standard, the ISO text should be modified as follows:

- (a) *Terminology* The words ‘Joint Australian/New Zealand Standard’, should replace the words ‘International Standard’ wherever they appear.
- (b) *References* The references to International Standards should be replaced by references to the following Australian Standards:

<i>Reference to International Standard</i>		<i>Australian Standard or Australian/New Zealand Standard</i>	
ISO		AS	
1	Standard reference temperature for industrial length measurements	—	
68	ISO general purpose screw threads—Basic profile	1721	General purpose metric screw threads
261	ISO general purpose metric screw threads—General plan	1721	General purpose metric screw threads
262	ISO general purpose metric screw threads—Selected sizes for screws, bolts and nuts	1721	General purpose metric screw threads
272	Fasteners—Hexagon products—Widths across flats	—	
286 286.2	ISO system of limits and fits—Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts	1654	Limits and fits for engineering (Metric units)
724	ISO metric screw threads—Basic dimensions	1721	General purpose metric screw threads
		AS/NZS	
898 898.1	Mechanical properties of fasteners Part 1: Bolts, screws and studs	4291 4291.1	Mechanical properties of fasteners Part 1: Bolts, screws and studs
965	ISO general purpose metric screw threads—Tolerances	AS	
965.1	Part 1: Principles and basic data	1721	General purpose metric screw threads
965.2	Part 2: Limits or sizes for general purpose bolt and nut threads—Medium quality	1721	General purpose metric screw threads

ISO		AS/NZS	
2320	Prevailing torque type steel hexagon nuts—Mechanical and performance properties	—	
3506	Corrosion-resistant stainless steel fasteners—Specifications	—	
4014	Hexagon head bolts—Product grades A and B	1110	ISO metric precision hexagon bolts and screws
4015	Hexagon head bolts—Product grade B—Reduced shank (shank diameter approximately equal to pitch diameter)	—	
4016	Hexagon head bolts—Product grade C	1111	ISO metric commercial hexagon bolts and screws
4017	Hexagon head screws—Product grades A and B	1110	ISO metric precision hexagon bolts and screws
4018	Hexagon head screws—Product grade C	1111	ISO metric commercial hexagon bolts and screws
4032	Hexagon nuts, style 1—Product grades A and B	1112	ISO metric hexagon nuts, including thin nuts, slotted nuts and castle nuts
4033	Hexagon nuts, style 2—Product grades A and B	1112	ISO metric hexagon nuts, including thin nuts, slotted nuts and castle nuts
4034	Hexagon nuts—Product grade C	—	
4035	Hexagon thin nuts (chamfered)—Product grades A and B	1112	ISO metric hexagon nuts, including thin nuts, slotted nuts and castle nuts
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