

Australian Standard<sup>®</sup>

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**METALS FOR THE MANUFACTURE  
OF SURGICAL IMPLANTS  
Part 2—UNALLOYED TITANIUM**

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This Australian standard was prepared by Committee MD/3, Surgical Implants. It was approved on behalf of the Council of the Standards Association of Australia on 19 January 1983 and published on 9 May 1983.

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The following interests are represented on Committee MD/3:

Australian Chamber of Commerce  
Australian Orthopaedic Association  
Bureau of Steel Manufacturers of Australia  
Confederation of Australian Industry  
Department of Defence  
Department of Health  
Metal Trades Industry Association of Australia  
Plastics Institute of Australia Incorporated  
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## PREFACE

This standard was prepared by the Association's Committee on Surgical Implants under the direction of the Medical Materials and Equipment Standards Committee. It is one of a series of standards for surgical implants which will implement for Australian purposes international standards emanating from ISO/TC 150, Implants for Surgery.

Prior to publication of this standard, requirements for metals for the manufacture of implants were laid down in AS T35. The new series accordingly supersedes that standard. The technical requirements specified herein are identical with those laid down in ISO 5832/II, Implants for Surgery—Metallic Materials, Part II: Unalloyed Titanium.

The one omission from the ISO standard relates to the re-submission of failed material after the manufacturer has re-heat treated the batch. The committee responsible for this Australian standard believes that the ISO paragraph in question was irrelevant to the specification of technical requirements for the metal.

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