

Metallic materials for surgical implants —

Part 10: Specification for wrought titanium 5-aluminium 2,5-iron alloy

ICS 11.040.40

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee CH/18, Surgical implant materials, upon which the following bodies were represented:

- Association of British Health-Care Industries
- British Industrial Ceramic Manufacturers Association
- British Iron and Steel Producers Association
- British Medical Association
- British Orthopaedic Association
- British Surgical Trades Association
- Department of Health
- National Physical Laboratory
- Royal College of Surgeons of England
- Royal Veterinary College
- Scottish Office
- Surgical Dressings Manufacturers Association

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- British Dental Association
- British Investment Casting Trade Association
- Confederation of British Forgers
- Institute of Sterile Services of England

This British Standard, having been prepared under the direction of the Health and Environment Sector Board, was published under the authority of the Standards Board and comes into effect on 15 May 1997

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National foreword

This British Standard has been prepared by Technical Committee CH/18.

It is identical with ISO 5832-10:1996 *Implants for surgery — Metallic materials — Part 10: Wrought titanium 5-aluminium 2,5-iron alloy*, prepared by the International Organization for Standardization (ISO) and supersedes BS 7252-10:1994 which is withdrawn.

In BS 7252-10:1997 the compositional limit of hydrogen given in Table 1 is increased from 0,013 max to 0,015 max. The introduction clause of the standard reminds the user that no material is free from adverse reactions in the human body.

Cross-references

The Technical Committee has reviewed the provisions of ISO 6892, ISO 7438 and ETTC 2¹⁾ to which normative reference is made in the text and has decided that they are acceptable for use in conjunction with this standard. A related British Standard to ISO 7438 is BS 1639.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO title page, pages ii to iv, pages 1 and 2, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ Published in 1979 by the Technical Committee of European Titanium Producers (ETTC) and available from TIMET, Titanium Metals Corporation, 5 Barnsway, Kings Langley, Herts WD4 9PW