

Orthopaedic joint prostheses —

Part 3: Specification for classification and designation of dimensions for hip joint prostheses

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/25, Orthopaedic joint prostheses, 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
- Royal College of Surgeons of England
- Scottish Office

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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First published April 1990
Second edition May 1997

The following BSI references relate to the work on this standard:
Committee reference CH/25
Draft for comment 93/506741 DC

ISBN 0 580 26666 4

Amendments issued since publication

Amd. No.	Date	Comments

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National foreword

This British Standard has been prepared by Technical Committee CH/25.

It is identical with ISO 7206-1:1995 *Implants for surgery — Partial and total hip joint prostheses — Part 1: Classification and designation of dimensions*, published by the International Organization for Standardization (ISO).

This British Standard supersedes BS 7251-3:1990 which is withdrawn.

BS 7251-1:1990, which superseded BS 3531-10:1982, introduced a simpler classification of hip joint prostheses. BS 7251-3:1997 gives further clarification of the terms and figures used to classify and designate dimensions.

Orthopaedic joint prostheses are required to transmit load and translate motion, frequently under highly stressed conditions. The components of joint prostheses should ideally function from the time of implantation for the remainder of a patient's life span. This introduces difficulties in testing suitable materials, because accelerated laboratory studies present major problems and there are difficulties in evaluating the stresses of joint prostheses during use.

The objective of BS 7251 is to provide a framework within which surveillance of manufacture can be established, and specifications for components can be developed.

Product certification. Users of this British Standard are advised to consider the desirability of third party certification of product conformity with this British Standard, based on testing and continuing product surveillance, which may be coupled with assessment of a supplier's quality system against the appropriate standard in the BS EN ISO 9000 series.

Enquiries as to the availability of third party certification will be forwarded by BSI to the Association of Certification bodies. If a third party certification scheme does not already exist, users should consider approaching an appropriate body from the list of Association members.

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 to 7 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.

INTERNATIONAL STANDARD

ISO
7206-1

Second edition
1995-09-01

Implants for surgery — Partial and total hip joint prostheses —

Part 1:

Classification and designation of dimensions

Implants chirurgicaux — Prothèses partielles et totales de l'articulation de la hanche —

Partie 1: Classification et désignation des dimensions

