BRITISH STANDARD

BS EN ISO
6871-2:1997

# Dental base metal casting alloys —

## Part 2: Nickel-based alloys

The European Standard EN ISO 6871-2:1996 has the status of a British Standard

ICS 11.060.10

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# Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee CH/51, Prosthodontic and orthodontic materials, upon which the following bodies were represented:

Association of Dental Hospitals of the United Kingdom
British Ceramic Research Ltd.
British Dental Association
British Dental Trade Association
British Institute of Surgical Technologists
British Society for Restorative Dentistry
British Society for the Study of Prosthetic Dentistry
British Society of Periodontology
Dental Laboratories Association Limited
Dental Materials Panel
Department of Health
Gypsum Products Development Association
Institute of Materials
Institute of Physics
Orthodontic Technicians Association
Royal Society of Medicine
Society of University Dental Instructors

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 April 1997

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The following BSI references relate to the work on this standard:
Committee reference CH/51
Draft for comment 93/503812 DC

**ISBN 0 580 26679 6**

**Amendments issued since publication**

| Amd. No. | Date | Comments |
|---|---|---|
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# National foreword

This British Standard has been prepared by Technical Committee CH/51 and is the English language version of EN ISO 6871-2 *Dental base metal casting alloys — Part 2: Nickel-based alloys* published by the European Committee for Standardization (CEN). It is identical with ISO 6871-2:1994 published by the International Organization for Standardization (ISO). EN ISO 6871-2 was produced as a result of international discussion in which the United Kingdom took an active part.

BS EN ISO 6871-1:1997 and BS EN ISO 6871-2:1997 supersede BS 3366-1:1988 and BS 3366-2:1976 which are withdrawn.

### Cross-references

| Publication referred to | Corresponding British Standard |
|---|---|
| ISO 3696:1987 | BS EN ISO 3696:1995 *Water for analytical labatory use. Specification and test methods.* |

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 EN ISO title page, page 2, the ISO title page, pages ii to iv, pages 1 to 6, 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.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

# EN ISO 6871-2

October 1996

ICS 11.060.10

Descriptors: See ISO document

English version

# Dental base metal casting alloys — Part 2:Nickel-based alloys

(ISO 6871-2:1994)

Alliages dentaires non précieux à couler — Partie 2: Alliages à base de nickel (ISO 6871-2:1994)

Edelmetallfreie Dental-Gußlegierungen — Teil 2: Nickel-Basis Legierungen (ISO 6871-2:1994)

This European Standard was approved by CEN on 1996-09-14. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**CEN**

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

**Central Secretariat: rue de Stassart 36, B-1050 Brussels**

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## Foreword

The text of the International Standard from Technical Committee ISO/TC 106 “Dentistry” of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 55 “Dentistry”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 1997, and conflicting national standards shall be withdrawn at the latest by April 1997.

ISO 6871 consists of the following parts, under the general title “Dental base metal casting alloys”:

— *Part 1: Cobalt-based alloys;*

— *Part 2: Nickel-based alloys.*

Annex A forms an integral part of this part of ISO 6871. Annexes B and C are for information only.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

**Endorsement notice**

The text of the International Standard ISO 6871-2:1994 has been approved by CEN as a European Standard without any modification.

NOTE Normative references to International Standards are listed in annex ZA (normative)



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