
Vsadki (implantati) za kirurgijo - Kovinski materiali - 6. del: Kobalt-nikelj-krom-molibdenova kovana zlitina (ISO 5832-6:1997)

Implants for surgery - Metallic materials - Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy (ISO 5832-6:1997)

Chirurgische Implantate - Metallische Werkstoffe - Teil 6: Kobalt-Nickel-Chrom-Molybdän Schmiedelegerung (ISO 5832-6:1997)

Implants chirurgicaux - Produits à base de métaux - Partie 6: Alliage corroyé à base de cobalt, de nickel, de chrome et de molybdène (ISO 5832-6:1997)

<https://standards.iteh.ai/catalog/standards/sist/bd811b70-e9e5-4d92-b3db-b561d1e13ffa/sist-en-iso-5832-6:2019>

Ta slovenski standard je istoveten z: EN ISO 5832-6:2019

ICS:

11.040.40	Implantanti za kirurgijo, protetiko in ortetiko	Implants for surgery, prosthetics and orthotics
-----------	---	---

SIST EN ISO 5832-6:2019**en**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 5832-6:2019](#)

<https://standards.iteh.ai/catalog/standards/sist/bd811b70-e9e5-4d92-b3db-b551d1c13ffa/sist-en-iso-5832-6-2019>

EUROPEAN STANDARD

EN ISO 5832-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2019

ICS 11.040.40

English Version

Implants for surgery - Metallic materials - Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy (ISO 5832-6:1997)

Implants chirurgicaux - Produits à base de métaux -
Partie 6: Alliage corroyé à base de cobalt, de nickel, de
chrome et de molybdène (ISO 5832-6:1997)

Chirurgische Implantate - Metallische Werkstoffe - Teil
6: Kobalt-Nickel-Chrom-Molybdän-Schmiedelegerung
(ISO 5832-6:1997)

This European Standard was approved by CEN on 2 September 2019.

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 CEN-CENELEC Management Centre or to any CEN member.

iTeh STANDARD PREVIEW

This European Standard exists 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 5832-6:2019](https://standards.iteh.ai/catalog/standards/sist/bd811b70-e9e5-4d92-b3db-b551d1c13ffa/sist-en-iso-5832-6-2019)

<https://standards.iteh.ai/catalog/standards/sist/bd811b70-e9e5-4d92-b3db-b551d1c13ffa/sist-en-iso-5832-6-2019>

European foreword

The text of ISO 5832-6:1997 has been prepared by Technical Committee ISO/TC 150 "Implants for surgery" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 5832-6:2019 by Technical Committee CEN/TC 285 "Non-active surgical implants" 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 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

iTeh STANDARD PREVIEW Endorsement notice (standards.iteh.ai)

The text of ISO 5832-6:1997 has been approved by CEN as EN ISO 5832-6:2019 without any modification.

[SIST EN ISO 5832-6:2019](https://standards.iteh.ai/catalog/standards/sist/bd811b70-e9e5-4d92-b3db-b551d1c13ffa/sist-en-iso-5832-6-2019)

<https://standards.iteh.ai/catalog/standards/sist/bd811b70-e9e5-4d92-b3db-b551d1c13ffa/sist-en-iso-5832-6-2019>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 5832-6:2019](#)

<https://standards.iteh.ai/catalog/standards/sist/bd811b70-e9e5-4d92-b3db-b551d1c13ffa/sist-en-iso-5832-6-2019>

INTERNATIONAL STANDARD

ISO
5832-6

Second edition
1997-07-15

Implants for surgery — Metallic materials —

Part 6:

Wrought cobalt-nickel-chromium-molybdenum
alloy

iTeh STANDARD PREVIEW

(standards.iteh.ai)

Implants chirurgicaux — Produits à base de métaux —

*Partie 6: Alliage corroyé à base de cobalt, de nickel, de chrome et
de molybdène*

<https://standards.iteh.ai/standards/sist/bd811b70-e9e5-4d92-b3db-b551d1c13ffa/sist-en-iso-5832-6-2019>



Reference number
ISO 5832-6:1997(E)

Contents

Page

1	Scope	1
2	Normative references	1
3	Chemical composition	1
4	Microstructure	2
5	Mechanical properties	2
6	Test methods	2

iTeh STANDARD PREVIEW
(standards.iteh.ai)SIST EN ISO 5832-6:2019<https://standards.iteh.ai/catalog/standards/sist/bd811b70-e9e5-4d92-b3db-b551d1c13ffa/sist-en-iso-5832-6-2019>

© ISO 1997

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization

Case postale 56 • CH-1211 Genève 20 • Switzerland

Internet central@iso.ch

X.400 c=ch; a=400net; p=iso; o=isocs; s=central

Printed in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

International Standard ISO 5832-6 was prepared by Technical Committee ISO/TC 150, *Implants for surgery*, Subcommittee SC 1, *Materials*.

This second edition cancels and replaces the first edition (ISO 5832-6:1980), which has been technically revised.

[SIST EN ISO 5832-6:2019](https://standards.iteh.ai/en/standards/iso-5832-6:2019)

<https://standards.iteh.ai/en/standards/iso-5832-6:2019> ISO 5832 consists of the following parts, under the general title *Implants for surgery — Metallic materials*:

- Part 1: *Wrought stainless steel*
- Part 2: *Unalloyed titanium*
- Part 3: *Wrought titanium 6-aluminium 4-vanadium alloy*
- Part 4: *Cobalt-chromium-molybdenum casting alloy*
- Part 5: *Wrought cobalt-chromium-tungsten-nickel alloy*
- Part 6: *Wrought cobalt-nickel-chromium-molybdenum alloy*
- Part 7: *Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy*
- Part 8: *Wrought cobalt-nickel-chromium-molybdenum-tungsten-iron alloy*
- Part 9: *Wrought high nitrogen stainless steel*
- Part 10: *Wrought titanium 5-aluminium 2,5-iron alloy*
- Part 11: *Wrought titanium 6-aluminium 7-niobium alloy*
- Part 12: *Wrought cobalt-chromium-molybdenum alloy*