SLOVENSKI STANDARD
SIST EN ISO 5832-6:2022

01-junij-2022

Nadomešča:
SIST EN ISO 5832-6:2019

Vsadki (implantati) za kirurgijo - Kovinski materiali - 6. del: Kobalt-nikelj-krom-molibdenova kovana zlitina (ISO 5832-6:2022)

Implants for surgery - Metallic materials - Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy (ISO 5832-6:2022)

Chirurgische Implantate - Metallische Werkstoffe - Teil 6: Kobalt-Nickel-Chrom-Molybdän-Schmiedelegierung (ISO 5832-6:2022)

Implants chirurgicaux - Matériaux métalliques - Partie 6: Alliage corroyé à base de cobalt, de nickel, de chrome et de molybdène (ISO 5832-6:2022)

Ta slovenski standard je istoveten z: EN ISO 5832-6:2022

ICS:

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

SIST EN ISO 5832-6:2022 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 5832-6

March 2022

ICS 11.040.40

Supersedes EN ISO 5832-6:2019

English Version

Implants for surgery - Metallic materials - Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy (ISO 5832-6:2022)

Implants chirurgicaux - Matériaux métalliques - Partie 6: Alliage corroyé à base de cobalt, de nickel, de chrome et de molybdène (ISO 5832-6:2022)

Chirurgische Implantate - Metallische Werkstoffe - Teil 6: Kobalt-Nickel-Chrom-Molybdän-Schmiedelegierung (ISO 5832-6:2022)

This European Standard was approved by CEN on 20 March 2022.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 5832-6:2022) has been prepared by Technical Committee ISO/TC 150 "Implants for surgery" in collaboration with 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of an identical text or by endorsement, at the latest by September 2022, and conflicting national standards shall be withdrawn at the latest by September 2022.

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.

This document supersedes EN ISO 5832-6:2019.

Any feedback and questions on this document should be directed to the users’ national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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Endorsement notice

The text of ISO 5832-6:2022 has been approved by CEN as EN ISO 5832-6:2022 without any modification.

INTERNATIONAL STANDARD

ISO 5832-6

Third edition
2022-03

Implants for surgery — Metallic materials —

Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy

Implants chirurgicaux — Matériaux métalliques —
Partie 6: Alliage corroyé à base de cobalt, de nickel, de chrome et de molybdène

Reference number
ISO 5832-6:2022(E)

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Published in Switzerland

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 150, *Implants for surgery*, Subcommittee SC 1, *Materials*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 285, *Non-active surgical implants*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 5832-6:1997) which has been technically revised.

The main changes compared to the previous edition are as follows:

— the introduction has been updated;

— requirements for boron in Table 1 has been added;

— information on grain size in 5.2 has been added;

— requirements for tensile properties in Table 2 have been updated and harmonized with the ISO 5832 series.

A list of all parts in the ISO 5832 series can be found on the ISO website.

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