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**Vsadki (implantati) za kirurgijo - Kovinski materiali - 3. del: Kovana zlitina (ISO 5832-3:1996)**

Implants for surgery - Metallic materials - Part 3: Wrought titanium 6-aluminium 4-vanadium alloy (ISO 5832-3:1996)

Chirurgische Implantate - Metallische Werkstoffe - Teil 3: Titan 6-Aluminium 4-Vanadium Knetlegierungen (ISO 5832-3:1996)

Implants chirurgicaux - Produits à base de métaux - Partie 3: Alliage à forger à base de titane, d'aluminium 6 et de vanadium 4 (ISO 5832-3:1996)

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**Ta slovenski standard je istoveten z: EN ISO 5832-3:2012**

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**ICS:**

11.040.40	Implantanti za kirurgijo, protetiko in ortetiko	Implants for surgery, prosthetics and orthotics
77.120.50	Titan in titanove zlitine	Titanium and titanium alloys

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 5832-3**

May 2012

ICS 11.040.40

English Version

## Implants for surgery - Metallic materials - Part 3: Wrought titanium 6-aluminium 4-vanadium alloy (ISO 5832-3:1996)

Implants chirurgicaux - Produits à base de métaux - Partie 3: Alliage à forger à base de titane, d'aluminium 6 et de vanadium 4 (ISO 5832-3:1996)

Chirurgische Implantate - Metallische Werkstoffe - Teil 3: Titan 6-Aluminium 4-Vanadium Knetlegierungen (ISO 5832-3:1996)

This European Standard was approved by CEN on 28 April 2012.

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## Foreword

The text of ISO 5832-3:1996 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 5832-3:2012 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of an identical text or by endorsement, at the latest by November 2012, and conflicting national standards shall be withdrawn at the latest by November 2012.

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

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The text of ISO 5832-3:1996 has been approved by CEN as a EN ISO 5832-3:2012 without any modification.

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INTERNATIONAL  
STANDARD

**ISO**  
**5832-3**

Third edition  
1996-07-01

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**Implants for surgery — Metallic materials —**  
**Part 3:**  
Wrought titanium 6-aluminium 4-vanadium alloy

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*Implants chirurgicaux — Produits à base de métaux —*

*(Partie 3: Alliage à forger à base de titane, d'aluminium 6 et de vanadium 4*

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Reference number  
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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.

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.

International Standard ISO 5832-3 was prepared by Technical Committee ISO/TC 150, *Implants for surgery*, Subcommittee SC 1, *Materials*.

This third edition cancels and replaces the second edition (ISO 5832-3:1990), which has been technically revised.

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*

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- *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*

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