



SLOVENSKI STANDARD SIST EN ISO 3506-3:2011

01-junij-2011

Nadomešča:

SIST EN ISO 3506-3:2001

SIST ISO 3506-3:2000

Mehanske lastnosti veznih elementov iz nerjavnega jekla - 3. del: Navojni zatiči in podobni vijaki, ki niso natezno obremenjeni (ISO 3506-3:2009)

Mechanical properties of corrosion-resistant stainless steel fasteners - Part 3: Set screws and similar fasteners not under tensile stress (ISO 3506-3:2009)

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Mechanische Eigenschaften von Verbindungselementen aus nichtrostenden Stählen - Teil 3: Gewindestifte und ähnliche nicht auf Zug beanspruchte Verbindungselemente (ISO 3506-3:2009)

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Caractéristiques mécaniques des éléments de fixation en acier inoxydable résistant à la corrosion - Partie 3: Vis sans tête et éléments de fixation similaires non soumis à des contraintes de traction (ISO 3506-3:2009)

Ta slovenski standard je istoveten z: EN ISO 3506-3:2009

ICS:

21.060.10 Sorniki, vijaki, stebelni vijaki Bolts, screws, studs

SIST EN ISO 3506-3:2011

en,fr,de

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EUROPEAN STANDARD

EN ISO 3506-3

NORME EUROPÉENNE

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Supersedes EN ISO 3506-3:1997

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Mechanical properties of corrosion-resistant stainless steel fasteners - Part 3: Set screws and similar fasteners not under tensile stress (ISO 3506-3:2009)

Caractéristiques mécaniques des éléments de fixation en acier inoxydable résistant à la corrosion - Partie 3: Vis sans tête et éléments de fixation similaires non soumis à des contraintes de traction (ISO 3506-3:2009)

Mechanische Eigenschaften von Verbindungselementen aus nichtrostenden Stählen - Teil 3: Gewindestifte und ähnliche nicht auf Zug beanspruchte Verbindungselemente (ISO 3506-3:2009)

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COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 3506-3:2009) has been prepared by Technical Committee ISO/TC 2 "Fasteners" in collaboration with Technical Committee CEN/TC 185 "Fasteners", 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of an identical text or by endorsement, at the latest by May 2010, and conflicting national standards shall be withdrawn at the latest by May 2010.

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INTERNATIONAL STANDARD

ISO
3506-3

Second edition
2009-11-15

Mechanical properties of corrosion-resistant stainless steel fasteners —

Part 3: Set screws and similar fasteners not under tensile stress

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*Caractéristiques mécaniques des éléments de fixation en acier
inoxydable résistant à la corrosion —*

*Partie 3. Vis sans tête et éléments de fixation similaires non soumis à
des contraintes de traction*

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ISO 3506-3:2009(E)

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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

ISO 3506-3 was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 1, *Mechanical properties of fasteners*.

This second edition cancels and replaces the first edition (ISO 3506-3:1997), which has been technically revised.

ISO 3506 consists of the following parts, under the general title *Mechanical properties of corrosion-resistant stainless steel fasteners*:

- Part 1: Bolts, screws and studs
- Part 2: Nuts
- Part 3: Set screws and similar fasteners not under tensile stress
- Part 4: Tapping screws

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Introduction

In the preparation of this part of ISO 3506, special attention has been given to the fundamentally different property characteristics of the stainless steel fastener grades compared with those of carbon steel and low-alloy steel fasteners. Austenitic stainless steels are strengthened only by cold working and consequently the components do not have as homogeneous local material properties as hardened and tempered parts. These special features have been recognized in the elaboration of the hardness classes and the test procedures for mechanical properties.

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