
**Vezni elementi - Mehanske lastnosti korozijsko odpornih nerjavnih jekel - 6. del:
Splošna pravila za izbiro nerjavnih jekel in nikljevih zlitin za pritrdilne elemente
(ISO 3506-6:2020)**

Fasteners - Mechanical properties of corrosion-resistant stainless steel fasteners - Part
6: General rules for the selection of stainless steels and nickel alloys for fasteners (ISO
3506-6:2020)

Verbindungselemente - Mechanische Eigenschaften von Verbindungselementen aus
nichtrostendem Stahl - Teil 6: Allgemeine Regeln für die Auswahl von nichtrostenden
Stählen und Nickellegierungen für Verbindungselemente (ISO 3506-6:2020)

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Fixations - Caractéristiques mécaniques des fixations en acier inoxydable résistant à la
corrosion - Partie 6: Règles générales pour la sélection des aciers inoxydables et des
alliages de nickel pour les fixations (ISO 3506-6:2020)

Ta slovenski standard je istoveten z: EN ISO 3506-6:2022

ICS:

21.060.01	Vezni elementi na splošno	Fasteners in general
77.120.40	Nikelj, krom in njune zlitine	Nickel, chromium and their alloys
77.140.20	Visokokakovostna jekla	Stainless steels

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EN ISO 3506-6

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English Version

Fasteners - Mechanical properties of corrosion-resistant
stainless steel fasteners - Part 6: General rules for the
selection of stainless steels and nickel alloys for fasteners
(ISO 3506-6:2020)

Fixations - Caractéristiques mécaniques des fixations
en acier inoxydable résistant à la corrosion - Partie 6:

Règles générales pour la sélection des aciers
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Verbindungselemente - Mechanische Eigenschaften
von Verbindungselementen aus nichtrostendem Stahl -

Teil 6: Allgemeine Regeln für die Auswahl von
nichtrostenden Stählen und Nickellegierungen für
Verbindungselemente (ISO 3506-6:2020)

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

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

The text of ISO 3506-6:2020 has been prepared by Technical Committee ISO/TC 2 "Fasteners" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 3506-6:2022 by Technical Committee CEN/TC 185 "Fasteners" the secretariat of which is held by BSI.

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 December 2022, and conflicting national standards shall be withdrawn at the latest by December 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.

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**Fasteners — Mechanical properties
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fasteners —**

Part 6:

**General rules for the selection of
stainless steels and nickel alloys for
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inoxydable résistant à la corrosion —**Partie 6: Règles générales pour la sélection des aciers inoxydables et
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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 2, *Fasteners*.

A list of all parts in the ISO 3506 series can be found on the ISO website.

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Introduction

When revising ISO 3506-1 and ISO 3506-2, annexes common to several parts have been withdrawn and included in this document in order to avoid unnecessary repetition and to ease further revision of parts as necessary (these annexes have also been technically revised). This document replaces:

- ISO 3506-1:2009, Annexes B, C, D, E, G and H, and
- ISO 3506-2:2009, Annexes A, B, C, D, F and G.

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

- *Part 1: Bolts, screws and studs with specified grades and property classes*
- *Part 2: Nuts with specified grades and property classes*
- *Part 3¹⁾: Set screws and similar fasteners not under tensile stress*
- *Part 4¹⁾: Tapping screws*
- *Part 5²⁾: Special fasteners (also including fasteners from nickel alloys) for high temperature applications*
- *Part 6: General rules for the selection of stainless steels and nickel alloys for fasteners*

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1) It is intended to revise ISO 3506-3 and ISO 3506-4 in the future in order to include the reference to ISO 3506-6.
2) Under preparation.

