



SLOVENSKI STANDARD

SIST EN ISO 898-3:2018

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Mehanske lastnosti veznih elementov, narejenih iz ogljikovega jekla in jeklene zlitine - 3. del: Ploščate podložke z določenimi razredi trdnosti (ISO 898-3:2018)

Mechanical properties of fasteners made of carbon steel and alloy steel - Part 3: Flat washers with specified property classes (ISO 898-3:2018)

Mechanische Eigenschaften von Verbindungselementen aus Kohlenstoffstahl und legiertem Stahl - Teil 3: Scheiben (ISO 898-3:2018)

Caractéristiques mécaniques des fixations en acier au carbone et en acier allié - Partie 3: Rondelles de forme plane de classes de qualité spécifiées (ISO 898-3:2018)

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Ta slovenski standard je istoveten z: EN ISO 898-3:2018

ICS:

21.060.30 Podložke, varovalni elementi Washers, locking elements

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EUROPEAN STANDARD

EN ISO 898-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Mechanical properties of fasteners made of carbon steel and alloy steel - Part 3: Flat washers with specified property classes (ISO 898-3:2018)

Caractéristiques mécaniques des fixations en acier au carbone et en acier allié - Partie 3: Rondelles de forme plane de classes de qualité spécifiées (ISO 898-3:2018)

Mechanische Eigenschaften von Verbindungselementen aus Kohlenstoffstahl und legiertem Stahl - Teil 3: Flache Scheiben mit festgelegten Festigkeitsklassen (ISO 898-3:2018)

This European Standard was approved by CEN on 16 May 2018.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN ISO 898-3:2018) 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 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of an identical text or by endorsement, at the latest by December 2018, and conflicting national standards shall be withdrawn at the latest by December 2018.

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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INTERNATIONAL
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First edition
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**Mechanical properties of fasteners
made of carbon steel and alloy steel —
Part 3:
Flat washers with specified property
classes**

iTeh STANDARD PREVIEW
*Caractéristiques mécaniques des fixations en acier au carbone et en
acier allié —
(standards.iteh.ai)
Partie 3: Rondelles de forme plane de classes de qualité spécifiées*

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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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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html. (standards.iteh.ai)

This document was prepared by Technical Committee ISO/TC 2, *Fasteners*.

A list of all parts in the ISO 898 series can be found on the ISO website.
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Introduction

ISO 898 consists of the following parts, under the general title “*Mechanical properties of fasteners made of carbon steel and alloy steel*”:

- *Part 1: Bolts, screws and studs with specified property classes — Coarse thread and fine pitch thread*
- *Part 2: Nuts with specified property classes — Coarse thread and fine pitch thread*
- *Part 5: Set screws and similar threaded fasteners with specified hardness classes — Coarse thread and fine pitch thread*
- *Part 7: Torsional test and minimum torques for bolts and screws with nominal diameters 1 mm to 10 mm*

This document in the ISO 898 series provides a single point of reference for flat washers, in order to standardize market expectations for users, distributors and manufacturers.

This document only deals with flat washers made of carbon steel or alloy steel.

Washers made of stainless steel are not addressed in this document due to their different characteristics and test methods.

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