



SLOVENSKI STANDARD SIST EN ISO 10669:2001

01-julij-2001

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j Y]_] 'a YfžfUnfYX']nXYUj Y'5 'fGC`%\$* *- .% - - Ł

Plain washers for tapping screw and washer assemblies - Normal and large series -
Product grade A (ISO 10669:1999)

Flache Scheiben für Kombi-Blechschraben - Normale und große Reihe -
Produkteklasse A (ISO 10669:1999)

Rondelles plates pour vis a tôle a rondelle incorporée - Séries normale et large - Grade A
(ISO 10669:1999)

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Ta slovenski standard je istoveten z: EN ISO 10669:1999

ICS:

21.060.30 Podložke, varovalni elementi Washers, locking elements

SIST EN ISO 10669:2001

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 10669

August 1999

ICS 21.060.00

English version

Plain washers for tapping screw and washer assemblies -
Normal and large series - Product grade A (ISO 10669:1999)

Rondelles plates pour vis à tôle à rondelle incorporée -
Séries normale et large - Grade A (ISO 10669:1999)

Flache Scheiben für Kombi-Blechschräuben - Normale und
große Reihe - Produktklasse A (ISO 10669:1999)

This European Standard was approved by CEN on 16 July 1999.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard ISO 10669:1999 has been prepared by Technical Committee ISO/TC 2 "Fasteners" in collaboration with Technical Committee CEN/TC 185 "Threaded and non-threaded mechanical fasteners and accessories", 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 February 2000, and conflicting national standards shall be withdrawn at the latest by February 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

NOTE FROM CEN/CS: The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

Endorsement notice

The text of the International Standard ISO 10669:1999 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 4042	1999	Fasteners - Electroplated coatings	EN ISO 4042	1999
ISO 6507-1	1997	Metallic materials - Vickers hardness test - Part 1: Test method	EN ISO 6507-1	1997

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INTERNATIONAL STANDARD

ISO
10669

First edition
1999-08-01

Plain washers for tapping screw and washer assemblies — Normal and large series — Product grade A

*Rondelles plates pour vis à tôle à rondelle incorporée — Séries normale
et large — Grade A*

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Reference number
ISO 10669:1999(E)

ISO 10669:1999(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 3.

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 10669 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

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Printed in Switzerland

Plain washers for tapping screw and washer assemblies — Normal and large series — Product grade A

1 Scope

This International Standard specifies the characteristics of plain steel washers of product grade A for tapping screw and washer assemblies in accordance with ISO 10510.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 3269:—¹⁾, *Fasteners — Acceptance inspection*.

ISO 4042:1999, *Fasteners — Electroplated coatings*.

ISO 4759-3:—²⁾, *Tolerances for fasteners — Part 3: Plain washers for bolts, screws and nuts — Product grades A and C*.

ISO 6507-1:1997, *Metallic materials — Vickers hardness test — Part 1: Test method*.

ISO 10510:1999, *Tapping screw and washer assemblies with plain washers*.

¹⁾ To be published. (Revision of ISO 3269:1988)

²⁾ To be published. (Revision of ISO 4759-3:1991)