



**SLOVENSKI STANDARD**  
**SIST EN ISO 10510:2001**  
**01-julij-2001**

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Tapping screw and washer assemblies with plain washers (ISO 10510:1999)

Kombi-Blechschrauben mit flachen Scheiben (ISO 10510:1999)

Vis a tôle a rondelle plate incorporée (ISO 10510:1999)

**Ta slovenski standard je istoveten z: EN ISO 10510:1999**

[SIST EN ISO 10510:2001](https://standards.iteh.ai/catalog/standards/sist/dcdc8c7f-9b16-487a-85ca-23058258c679/sist-en-iso-10510-2001)

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**ICS:**

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

**SIST EN ISO 10510:2001**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 10510

August 1999

ICS 21.060.00

English version

## Tapping screw and washer assemblies with plain washers (ISO 10510:1999)

Vis à tôle à rondelle plate incorporée (ISO 10510:1999)

Kombi-Blechschauben mit flachen Scheiben (ISO 10510:1999)

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



**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 1479	1983	Hexagon head tapping screws	EN ISO 1479	1994
ISO 1481	1983	Slotted pan head tapping screws	EN ISO 1481	1994
ISO 2702	1992	Heat-treated steel tapping screws - Mechanical properties	EN ISO 2702	1994
ISO 7049	1983	Cross recessed pan head tapping screws	EN ISO 7049	1994
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  
10510**

First edition  
1999-08-01

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## Tapping screw and washer assemblies with plain washers

*Vis à tôle à rondelle plate incorporée*

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<https://standards.iteh.ai/catalog/standards/sist/dcdc8c7f-9b16-487a-85ca-23058258c679/sist-en-iso-10510-2001>



Reference number  
ISO 10510:1999(E)

## ISO 10510:1999(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 10510 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

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International Organization for Standardization  
Case postale 56 • CH-1211 Genève 20 • Switzerland  
Internet iso@iso.ch

Printed in Switzerland



# Tapping screw washer assemblies with plain washers

## 1 Scope

This International Standard specifies the requirements for tapping screw and plain washer assemblies with tapping screw threads from ST2,2 to ST9,5 inclusive, flat seating heads and mechanical properties in accordance with ISO 2702.

The plain washers are captive, i.e. prevented from disassembly and free to rotate.

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## 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 1479:1983, *Hexagon head tapping screws.*

ISO 1481:1983, *Slotted pan head tapping screws.*

ISO 2702:1992, *Heat-treated steel tapping screws — Mechanical properties.*

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

ISO 7049:1983, *Cross recessed pan head tapping screws.*

ISO 10669:1999, *Plain washers for tapping screw and washer assemblies — Normal and large series — Product grade A.*