

SLOVENSKI STANDARD SIST EN ISO 22568-4:2022

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Nadomešča:

SIST EN ISO 22568-4:2019

Ščitniki nog in stopal - Zahteve in preskusne metode za sestavne dele obutve - 4. del: Nekovinski vložki, odporni proti prediranju (ISO 22568-4:2021)

Foot and leg protectors - Requirements and test methods for footwear components - Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2021)

Fuß- und Beinschutz - Anforderungen und Prüfverfahren für Schuhkomponenten - Teil 4: Nichtmetallische Einlagen mit Widerstand gegen Durchstich (ISO 22568-4:2021)

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Protecteurs du pied et de la jambe - Exigences et méthodes d'essais pour les composants de chaussure - Partie 4: Inserts anti-perforation non métalliques (ISO 22568 -4:2021)

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Ta slovenski standard je istoveten z: **EN**ISO 22568-4:2021

ICS:

13.340.50 Varovanje nog in stopal Leg and foot protection

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

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English Version

Foot and leg protectors - Requirements and test methods for footwear components - Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2021)

Protecteurs du pied et de la jambe - Exigences et méthodes d'essais pour les composants de chaussure - Partie 4: Inserts anti-perforation non métalliques (ISO 22568-4:2021)

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This European Standard was approved by CEN on 12 October 2021.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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2022



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 22568-4:2021 (E)

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European foreword

This document (EN ISO 22568-4:2021) has been prepared by Technical Committee ISO/TC 94 "Personal safety -- Personal protective equipment" in collaboration with Technical Committee CEN/TC 161 "Foot and leg protectors" 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 June 2022, and conflicting national standards shall be withdrawn at the latest by June 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.

This document supersedes EN ISO 22568-4:2019.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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Endorsement notice

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INTERNATIONAL STANDARD

ISO 22568-4

Second edition 2021-12

Foot and leg protectors — Requirements and test methods for footwear components —

Part 4:

Non-metallic perforation resistant inserts

Protecteurs du pied et de la jambe — Exigences et méthodes d'essais pour les composants de chaussure —

Partie 4: Inserts anti-perforation non métalliques

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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).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of 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 www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 94, Personal safety — Personal protective equipment, Subcommittee SC 3, Foot protection, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 161, Foot and leg protectors, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition's (ISO 22568-4:2019), which has been technically revised

The main changes are as follows:

- Table 2, changes in the type names from X and Y to PL and PS, new requirements ("tent effect" and minimum value of 950 N);
- new nail, see <u>Figure B.1</u> (conical shape instead of pyramidal);
- new definition in 3.2;
- Figure B.3 new dimension of the nail;
- Annex C and the reference material have been deleted.

A list of all parts in the ISO 22568 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

ISO 20345, ISO 20346 and ISO 20347 are related to safety, protective and occupational footwear which define the performance and required properties of the footwear. On introducing these standards all national standards relating to perforation resistant inserts were withdrawn leaving the manufacturers of these items with no means of demonstrating the performance of their products. This document has been prepared to allow manufacturers to demonstrate the type of the perforation resistant inserts before being inserted into the footwear.

Non-metallic perforation resistant inserts and materials complying with the requirements of this document are suitable components of "PPE footwear".

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