



**SLOVENSKI STANDARD**  
**kSIST FprEN ISO 18403:2016**  
**01-marec-2016**

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**Obutev - Preskusne metode za zadrge - Odpornost proti poškodbam med zapiranjem pri delovanju stranske sile (ISO/FDIS 18403:2016)**

Footwear - Test methods for slide fasteners - Resistance to damage during closure under a lateral force (ISO/FDIS 18403:2016)

Schuhe - Prüfverfahren für Reißverschlüsse - Widerstand gegen Beschädigung während des Schließens mit einer Lateralkraft (ISO/FDIS 18403:2016)

Chaussures - Méthodes d'essai pour les fermetures éclair - Résistance aux dommages durant la fermeture avec une force latérale (ISO/FDIS 18403:2016)

**Ta slovenski standard je istoveten z: FprEN ISO 18403**

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**ICS:**

61.040	Pokrivala. Dodatki k oblačilom. Spenjanje oblačil	Headgear. Clothing accessories. Fastening of clothing
61.060	Obuvala	Footwear

**kSIST FprEN ISO 18403:2016**                      **en**



FINAL  
DRAFT

INTERNATIONAL  
STANDARD

ISO/FDIS  
18403

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## Footwear — Test methods for slide fasteners — Resistance to damage during closure under a lateral force

*Chaussures — Méthodes d'essai pour les fermetures éclair — Résistance aux dommages durant la fermeture avec une force latérale*

Please see the administrative notes on page iii

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Reference number  
ISO/FDIS 18403:2015(E)

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## ISO/CEN PARALLEL PROCESSING

This final draft has been developed within the European Committee for Standardization (CEN), and processed under the **CEN-lead** mode of collaboration as defined in the Vienna Agreement. The final draft was established on the basis of comments received during a parallel enquiry on the draft.

This final draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel two-month approval vote in ISO and two month formal vote in CEN.

**Positive votes shall not be accompanied by comments.**

**Negative votes shall be accompanied by the relevant technical reasons.**



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## ISO/FDIS 18403:2015(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.

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](http://www.iso.org/directives)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

ISO 18403 was prepared by the European Committee Standardization (CEN) Technical Committee CEN/TC 309, *Footwear*, in collaboration with ISO Technical Committee TC 216, *Footwear*, in accordance with the agreement on technical cooperation between ISO and CEN (Vienna Agreement).

# Footwear — Test methods for slide fasteners — Resistance to damage during closure under a lateral force

## 1 Scope

This International Standard specifies a test method intended to determine the maximum lateral force applied to a slide fastener for footwear under which it will close without failure. The method is applicable to all types of slide fastener.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 18454, *Footwear — Standard atmospheres for conditioning and testing of footwear and components of footwear*

ISO 19952, *Footwear — Vocabulary*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 19952 and the following apply.

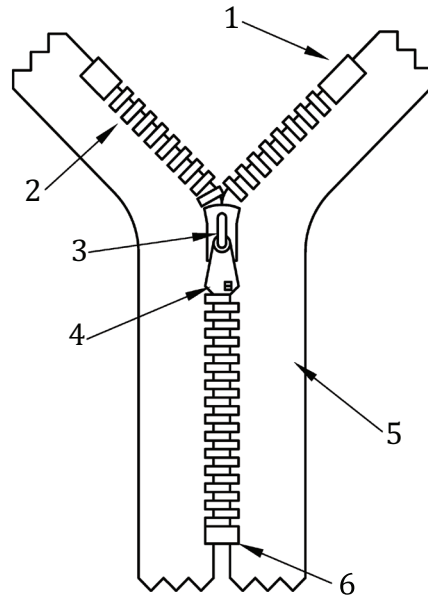
### 3.1

#### **slide fastener**

means of securing two flexible materials consisting of interlockable teeth each attached to one of the opposing edges of two *tapes* (3.2) and movable slider that spans the interlocking teeth which when moved in one direction causes the *teeth* (3.5) of one tape to interlock with the teeth of the other tape

Note 1 to entry: When the *slider* (3.3) is moved in the opposite direction, it causes the teeth to disengage (see [Figure 1](#)).

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**Key**

1	top stop	4	puller
2	teeth	5	tape
3	slider	6	bottom stop

**Figure 1 — Slide fastener****3.2****tape**

fabric panels to support other *teeth* (3.5) of the *slide fastener* (3.1)

**3.3****slider**

means of drawing the two interlocking teeth together or apart as it traverses the length of the *teeth* (3.5)

**3.4****puller**

piece of plastic or metal attached to the *slider* (3.3) as a means of manual grip for the user to operate

**3.5****teeth**

individual component of the *slide fastener* (3.1) or continuous plastic spiral which interlocks with an opposing element

**3.6****end stop****top stop**

terminal components of the *teeth* (3.5) to prevent the *slider* (3.3) from disengaging from the teeth and *tape* (3.2)

**3.7****stringer**

textile tape with an attached row of *teeth* (3.5) designed to interact with a row attached to another *tape* (3.2)