



SLOVENSKI STANDARD

oSIST ISO 9523:2011

01-januar-2011

Turni smučarski čevlji za odrasle - Vmesnik z varnostnimi vezmi - Zahteve in preskusne metode

Touring ski-boots for adults - Interface with touring ski-bindings - Requirements and test methods

Chaussures de ski de randonnée pour adultes - Zone de contact avec les fixations de skis de randonnée - Exigences et méthodes d'essai

Ta slovenski standard je istoveten z: ISO 9523:2008

ICS:

97.220.20 Oprema za zimske športe Winter sports equipment

oSIST ISO 9523:2011

en

INTERNATIONAL STANDARD

ISO
9523

Second edition
2008-12-15

Touring ski-boots for adults — Interface with touring ski-bindings — Requirements and test methods

*Chaussures de ski de randonnée pour adultes — Zone de contact avec
les fixations de skis de randonnée — Exigences et méthodes d'essai*



Reference number
ISO 9523:2008(E)

© ISO 2008

ISO 9523:2008(E)**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2008

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements and test methods.....	2
4.1 General	2
4.2 Dimensions	2
4.3 Design.....	4
5 Marking	15
6 Instructions for use	15
Annex A (informative) Mondopoint system ski-boot sizing and marking	16
Annex B (informative) Dimensions and requirements of “2nd degree”	17
Bibliography.....	18

ISO 9523:2008(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 2.

The main task of technical committees is to prepare International Standards. 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.

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.

ISO 9523 was prepared by Technical Committee ISO/TC 83, *Sports and recreational equipment*, Subcommittee SC 3, *Ski bindings*.

This second edition cancels and replaces the first edition (ISO 9523:1990), which has been technically revised.

The requirements of ISO 9523:2008 become valid as of the date of publication of this second edition. However, the provisions specified in the first edition (ISO 9523:1990) remain valid for a further 2 years beyond the date of publication of this second edition.

Touring ski-boots for adults — Interface with touring ski-bindings — Requirements and test methods

1 Scope

This International Standard specifies the dimensions and characteristics of the interface, requirements, test methods and marking of ski-boots with a rigid sole (see 3.5) which are used with current systems of touring ski-bindings with attachment at the boot toe and boot heel, the proper release function of which depends on the dimensions and design of the interfaces.

For ski-binding systems that function irrespective of the sole shape or that have different requirements for the sole dimensions, it is not always necessary for the ski-boot soles to comply with this International Standard in order to achieve the desired degree of safety.

This International Standard applies to ski-boots of sizes 15,0 and larger in the Mondopoint system (see Annex A).

It applies to rigid touring boots. Boots with softer shells like Telemark boots are excluded as they do not have the necessary shell stability to act as part of the release systems.

2 Normative references

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

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications*

ISO 868, *Plastics and ebonite — Determination of indentation hardness by means of a durometer (Shore hardness)*

ISO 5355, *Alpine ski-boots — Requirements and test methods*

ISO 9407, *Shoes sizes — Mondopoint system of sizing and marking*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 5355 as well as the following apply.

3.1

interface

that part of the ski-boot intended for contact with the ski-binding

3.2

toe interface

that part of the ski-boot intended to fit with the front binding

ISO 9523:2008(E)

3.3

heel interface

that part of the ski-boot intended to fit with the rear binding

3.4

free space

space intended to avoid contact between ski-boots and binding, especially during step in/step out or release

3.5

rigid ski boot sole

ski boot sole which does not flex when walking

NOTE See 4.3.5.1.

3.6

median plane

middle plane of the sole, longitudinal and perpendicular to the bearing surface

3.7

bearing surface

toe or heel surface of the boot sole which is in contact with a plane on which the boot is standing

3.8

ski-brake

device to stop the ski after release of the binding

4 Requirements and test methods

4.1 General

If no specific test methods are indicated, check the characteristics as appropriate, e.g. by measurement.

If not otherwise indicated, execute the testing under standard atmosphere 23/50 (see ISO 554) with ordinary tolerances.

4.2 Dimensions

The dimensions of the boot toe and heel shall correspond to Figure 1. Other boot dimensions need not correspond to Figure 1.

Fundamentally, all dimensions shall be within the indicated tolerance. However, relevance to safety varies in importance depending on the indicated dimensions.

Looking at several dimensions ("dimensions of the 2nd degree", see Annex B), a deviation from the tolerances may be accepted, provided that the following requirements are respected.

- a) The deviations remain exceptional.
- b) The deviations are small.
- c) No limitations of function arise with all marketable and critical bindings.
- d) The tolerance is respected at the next possible chance (e.g. reconstruction of a tool).

The gauge (see Key 2 in Figure 1) shall be wider than the boot sole.