
Alpine and touring ski-bindings — Test soles for ski-binding tests

*Fixations de skis alpins et de randonnée — Semelles d'essai pour les
essais de fixations de skis*



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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).

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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 83 *Sports and other recreational facilities and equipment*, Subcommittee SC 4, *Snowsports equipment*.

This fifth edition cancels and replaces the fourth edition (ISO 9838:2019), which has been technically revised.

The main changes are as follows:

- a new [Clause 8](#) defining test bodies to test the free space to bindings designed to fit soles according to ISO 23223 was added;
- test soles form T with cutouts were removed;
- some dimensions of test soles form A were changed;

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.

Alpine and touring ski-bindings — Test soles for ski-binding tests

1 Scope

This document defines test soles representing

- an alpine ski-boot (form A) or at least the bottom part of it used for testing alpine ski-bindings for alpine skiing in accordance with ISO 9462 and ISO 9465, and
- a touring ski-boot (form T) or at least the bottom part of it used for testing touring ski-bindings for touring skiing in accordance with ISO 13992 and ISO 9465.

This document also defines a test body representing alpine ski-boots with improved walking soles in accordance with ISO 23223.

NOTE Ski-boots have their own International Standards (ISO 5355, ISO 9523 and ISO 23223), which allow relatively large tolerances in defining the test sole that are generally believed to be suitable for on-slope use by skiers, but too large for reproducible laboratory measurements.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 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 23223, *Alpine ski boots with improved walking soles — Interface with alpine ski-bindings – Requirements and test methods*

3 Terms and definitions

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

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

test sole form A

test sole for testing alpine ski-bindings

3.1.1

test sole form A type A

test sole to test ski-bindings suitable for ski-boots for adults

Note 1 to entry: Ski-boots for adults are defined in ISO 5355.