



**International
Standard**

ISO 8783

**Alpine skis — Guidelines and
requirements for conducting slope
performance tests**

*Skis alpins — Lignes directrices et exigences pour la réalisation
d'essais de performance sur piste*

**Third edition
2026-07**

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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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 document 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).

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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 third edition cancels and replaces the second edition (ISO 8783:2015), which has been technically revised.

The main changes are as follows:

- terms and definition were updated;
- test conditions were revised.

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 skis — Guidelines and requirements for conducting slope performance tests

1 Scope

This document provides requirements and recommendations for carrying out comparative testing of alpine skis with the objective of evaluating the performance characteristics.

It is applicable to alpine skis in accordance with ISO 6289 [\[1\]](#).

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 6289, *Skis — Vocabulary*

ISO 6289, *Skis — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6289 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 turnability

ski characteristic relating to ease of turning

Note 1 to entry: The less force and movement required, the greater the turnability.

3.2 edge grip

ski characteristic pertaining to the ability of the ski to hold on hard surfaces

3.3 steering behaviour

ski characteristic pertaining to the ease of execution and completion of a turn to change direction

3.4 stability

ski characteristic pertaining to maintaining direction at a given speed when turning

3.5 smooth running

ski characteristic pertaining to dampening behaviour, anti-shock, ability to absorb shock