
International Standard



7796

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Skis — Geometry — Measuring conditions

Skis — Géométrie — Conditions de mesurage

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Descriptors : sports equipment, skis, dimensional measurements, dimensional tolerances.

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 7796 was prepared by Technical Committee ISO/TC 83, *Sports and recreational equipment*.

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Skis — Geometry — Measuring conditions

1 Scope and field of application

This International Standard specifies the conditions for measuring the geometrical characteristics of skis (alpine and cross-country), which are defined in ISO 6289.

2 References

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

ISO 6289, *Skis — Terms and definitions.*

3 Sampling and conditioning

All measurements of geometrical characteristics shall be carried out on a finished, manufactured ski without any fittings and ancillary parts; it shall have been conditioned, for at least 2 h, at a standard atmosphere of 23/50 in accordance with ISO 554 with ordinary tolerances.

4 Tolerances

Data published by the manufacturer based on this International Standard shall be subject to the tolerance limits given in the table.

Table — Tolerance limits

Dimensions in millimetres

Dimension	Alpine skis	Cross-country skis
Length	± 10	+ 30 – 20
Width	+ 0,5 – 1,5	+ 0,5 – 1,5
Thickness	+ 0,5 – 1,2	+ 0,5 – 1,2
Height	± 10	± 10
Bottom camber	± 5	± 10
Residual camber height	—	+ 0,8 – 0,5

5 Test report

The test report shall include the following particulars:

- reference to this International Standard;
- complete identification of the ski (brand or trade-name, model designation, size and manufacturer's registration number);
- any deviation from this International Standard with the reason for the deviation.