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**Alpine skis — Ski binding screws —  
Test methods**

*Skis alpins — Vis de fixation de skis — Méthodes d'essai*



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

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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](http://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 6005:1991), which has been technically revised. The main changes compared to the previous edition are as follows:

- editorial changes;
- update of the normative references.

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](http://www.iso.org/members.html).

# Alpine skis — Ski binding screws — Test methods

## 1 Scope

This document specifies test methods for screws used for fastening ski bindings to alpine skis.

NOTE 1 Acceptance criteria are specified in ISO 6004.

The results of these test methods characterize the properties of the binding screw.

NOTE 2 A test method for the mounting and fastening characteristics of different ski models is specified in ISO 8364.

## 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 2702, *Heat-treated steel tapping screws — Mechanical properties*

ISO 3506-4, *Mechanical properties of corrosion-resistant stainless steel fasteners — Part 4: Tapping screws*

ISO 4287, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Terms, definitions and surface texture parameters*

ISO 6004, *Alpine skis — Ski binding screws — Requirements*

ISO 6506 (all parts), *Metallic materials — Hardness test — Brinell test*

ISO 8364, *Alpine skis and bindings — Binding mounting area — Requirements and test methods*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6004 apply.

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

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

## 4 Apparatus

### 4.1 Fixation for ductility test

The assembly shall be made in a manner which does not damage the screw threads. At least two complete threads shall overtop the assembly.

### 4.2 Test assembly

For the purpose of this test, test assemblies shall be representative of material configurations commonly used in ski construction and having dimensions similar to those of a cross-section of the binding mounting area of an alpine ski.