

# INTERNATIONAL STANDARD

**ISO**  
**6005**

Second edition  
1991-12-01

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

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



Reference number  
ISO 6005:1991(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.

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.

International Standard ISO 6005 was prepared by Technical Committee ISO/TC 83, *Sports and recreational equipment*, Sub-Committee SC 4, *Skis and snowboards*.

This second edition cancels and replaces the first edition (ISO 6005:1981), of which it constitutes a technical revision.

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# Alpine skis — Ski binding screws — Test methods

## 1 Scope

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

Acceptance criteria are specified in ISO 6004.

The results of these test methods characterize only the properties of the binding screw and give no information about the actual mounting and fastening characteristics of different ski models. A test method for these characteristics is specified in ISO 8364.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1302:1991<sup>1)</sup>, *Technical drawings — Method of indicating surface texture*.

ISO 2632-1:1985, *Roughness comparison specimens — Part 1: Turned, ground, bored, milled, shaped and planed*.

ISO 3506:1979, *Corrosion-resistant stainless steel fasteners — Specifications*.

ISO 6004:1991, *Alpine skis — Ski binding screws — Requirements*.

ISO 6506:1981, *Metallic materials — Hardness test — Brinell test*.

ISO 8364:1991, *Alpine skis and bindings — Binding mounting area — Requirements and test methods*.

## 3 Definitions

For the purposes of this International Standard, the definitions given in ISO 6004 apply.

## 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, it is necessary to prepare test assemblies 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.

#### 4.2.1 Dimensions and material configuration

Dimensions:

- length: 500 mm;
- width: 70 mm;
- thickness of core: 20 mm.

See figure 1 for the design of the test assembly.

1) To be published.