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Alpine touring ski-bindings — Requirements and test methods

Fixations pour le ski alpin de randonnée — Exigences et 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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 83, *Sports and recreational equipment*, Subcommittee SC 4, *Ski-bindings*.

This third edition cancels and replaces the second edition (ISO 13992:2006) has been technically revised.

The main changed are:

- addition of <u>6.6.3.5</u>;
- addition of the reference to ISO 11087 in 6.1.1.4.

Alpine touring ski-bindings — Requirements and test methods

1 Scope

This International Standard specifies the main characteristics of touring ski-bindings and describes, as an example, the test methods A and B.

This International Standard applies, in principle, to touring ski-bindings for alpine skiing for children, juniors, and adults.

NOTE As specific touring boots and bindings for children do not exist in the market at present, the scope of this International Standard is limited for the moment to bindings for juniors and adults.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for the application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 5355, Alpine ski-boots — Requirements and test methods

ISO 8061, Alpine ski-bindings — Selection of release torque values

ISO 9465, Alpine ski-bindings — Lateral release under impact loading — Test method

 ${\sf ISO\,9523}$, ${\sf Touring\,ski\text{-}boots\,for\,adults}$ — ${\sf Interface\,with\,touring\,ski\text{-}bindings}$ — ${\sf Requirements\,and\,test\,methods}$

ISO 9838, Alpine and touring ski-bindings — Test soles for ski-binding tests

ISO 11087, Alpine ski-bindings — Retention devices — Requirements and test methods

3 Terms and Definitions

For the purposes of this document, the following terms and definitions apply.

3.1

alpine touring ski-binding

device fixing the boot to the ski where the heel can be fixed for downhill skiing or allowed to move upwards relative to the ski for advancing on flat ground or uphill; the device releases the boot from the ski when certain loads reach preset values

3.2

downhill position

position where the heel of the boot is fixed to the ski for downhill skiing

3 3

walking position

position where the heel of the boot is allowed to move upwards relative to the ski for walking on flat ground or uphill

3.4

maximum angular displacement

maximum angle between the bottom of the sole and the surface of the ski in the binding area allowed by the binding in the advancing position