## INTERNATIONAL STANDARD

ISO 11110

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### Winter-sports equipment — Test devices for the setting of the functional unit ski/boot/binding — Requirements and tests

Matériel de sports d'hiver — Dispositifs d'essai pour le réglage de l'unité fonctionnelle ski/chaussure/fixation — Exigences et essais



#### Foreword

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# Winter-sports equipment — Test devices for the setting of the functional unit ski/boot/binding — Requirements and tests



#### 1 Scope

This International Standar Specifies the tests and requirements for devices used to determine the release moments of ski-bindings in retail sales, rental and other facilities.

It specifies requirements for the design accuracy, operation, maintenance and calibration of the test devices used for determining binding release settings.

For other requirements, see appropriate standards (e.g. standards on electronic measuring devices, safety of electrical apparatus, etc.).

This International Standard is to be used in conjunction with ISO 9462 and ISO 8061.

#### 2 Normative references

The following standards contain provisions which, throught references in this text, constitute provisions of this International Standard. At the time of publication, the editors indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouragend 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 554 : 1976, Standard atmospheres for conditioning and/or testing – Specifications

ISO 8061 : 1991, Alpine ski-bindings – Selection of release torque values

ISO 9462 : 1993, Alpine ski-bindings – Safety requirements and test method

ISO 9838 : 1991, Alpine ski-bindings - Test soles for ski-binding tests

#### **3** Requirements

#### 3.1 General requirements

#### 3.1.1 Design

**3.1.1.1** Setting devices shall be capable of determining the actual release moments of common ski-bindings on the market. They are designed for practical use by retail, rental and other facilities.

**3.1.1.2** The device shall be capable of completely releasing the boot from the binding.

**3.1.1.3** It shall be possible to apply the release load smoothly and without interruption until the maximum release moment has been reached.