

भारतीय मानक
Indian Standard

IS 16769 : 2023
ISO 9462 : 2023

अल्पाइन स्की-बाइंडिंग — आवश्यकताएँ
और परीक्षण विधियाँ
(पहला पुनरीक्षण)

**Alpine Ski-Bindings —
Requirements and Test Methods**
(*First Revision*)

ICS 97.220.20

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NATIONAL FOREWORD

This Indian Standard (First Revision) which is identical with ISO 9462 : 2023 ‘Alpine ski-bindings — Requirements and test methods’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of the Mountaineering Sectional Committee and approval of the Production and General Engineering Division Council.

This standard was first published in 2018. This revision has been taken up to align it with ISO 9462 : 2023.

The major changes in this revision are as follows:

- a) Definitions have been modified and notes to entry in **3.1.1**, **3.1.2** and **3.1.3** have been added;
- b) New clause **3.1.4** has been added;
- c) New Fig. 2 “Application of $F_{y, toe}$ and $F_{z, heel}$ ” has been added;
- d) New clause **4.3** has been added;
- e) New clause **6.8** “Compatibility to boot in accordance with ISO 23223 : 2021” has been added;
- f) New Fig. 8 “Clearance area around the antifriction device (AFD)” has been added;
- g) New table 4 “Compatibility marking” has been added;
- h) Correction of scale of Figure D.2 “Tolerances on M_t ” has been made; and
- j) New Annex E “Test body in accordance with ISO 9838 : 2023 for compatibility test” has been added.

The text of ISO standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current-practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 8061 Alpine ski-bindings — Selection of release torque values	IS 16764 : 2018 Alpine ski-bindings — Selection of release torque values	Identical with ISO 8061 : 2015
ISO 9465 Alpine ski-bindings — Lateral release under impact loading — Test method	IS 16771 : 2018 Alpine ski-bindings — Lateral release under impact loading — Test method	Identical with ISO 9465 : 2012

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard.

International Standard

Title

ISO 5355 : 2019	Ski-boots — Requirements and test methods
ISO 9838 : 2023	Alpine and touring ski-bindings — Test soles for ski-binding tests
ISO 11087 : 2015	Alpine ski-bindings — Retention devices — Requirements and test methods
ISO 23223 : 2021	Alpine ski boots with improved walking soles — Interface with alpine ski-bindings – Requirements and test methods

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’.