



SLOVENSKI STANDARD
SIST ISO 6960:1995

01-december-1995

Varnostne vezi za tekaške smuči s tremi nastavki - Mere, vmesnik in načrtovanje

Cross-country ski bindings with three pins -- Dimensions, interface and design

Fixations de ski de fond à trois pointes -- Dimensions, zone de jonction et conception

Ta slovenski standard je istoveten z: ISO 6960:1983

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ICS:

97.220.20 Oprema za zimske športe Winter sports equipment

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International Standard



6960

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Cross-country ski bindings with three pins — Dimensions, interface and design

Fixations de ski de fond à trois pointes — Dimensions, zone de jonction et conception

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UDC 685.316.92

Ref. No. ISO 6960-1983 (E)

Descriptors : sports equipment, cross-country skis, assembling, fastenings, dimensions, marking, design.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

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International Standard ISO 6960 was developed by Technical Committee ISO/TC 83, *Sports and recreational equipment* and was circulated to the member bodies in February 1982.

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It has been approved by the member bodies of the following countries:

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Austria	Germany, F.R.	Poland
Egypt, Arab Rep. of	India	Sweden
Finland	Italy	USA
France	New Zealand	USSR

No member body expressed disapproval of the document.

Cross-country ski bindings with three pins — Dimensions, interface and design

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0 Introduction

This International Standard is based on publications known as "Nordic Norm, Racing Norm and Touring Norm" which are used by the manufacturers and are well known by skiers. Therefore, the words "Nordic, Racing and Touring" are used for the classification and as a part of the marking in this International Standard.

1 Scope and field of application

This International Standard lays down the dimensions of the interfaces between ski bindings and ski boots for cross-country

skiing with free up and down motion of the heel as well as some requirements concerning the design.

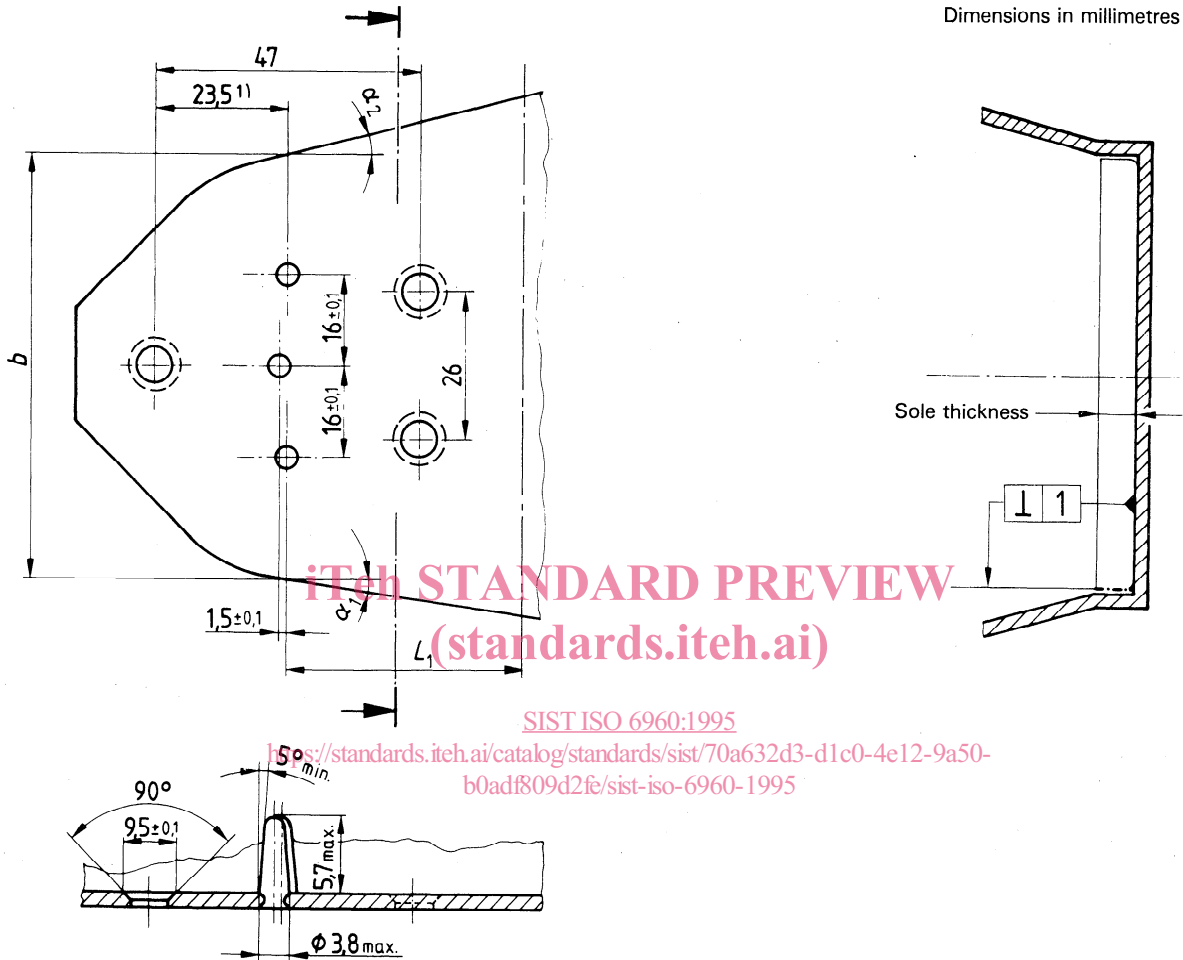
It applies to three-pin cross-country ski bindings of the following forms :

- a) "Nordic" : appropriate for recreational cross-country skiing;
- b) "Racing" : appropriate for competitions;
- c) "Touring" : a combination of "Nordic" and "Racing", appropriate for sportive cross-country skiing.

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2 Dimensions

The dimensions specified in the figures and in the table shall be respected. Other dimensions of the binding need not correspond to the figure.



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Table

Dimensions in millimetres

Dimension	Nordic	Form Racing	Touring
<i>b</i>	71 ^{+0,5} ₀ 75 ^{+0,5} ₀ 79 ^{+0,5} ₀	50 ^{+0,2} ₀	50 ^{+0,2} ₀
<i>L</i> ₁	50 min. for <i>b</i> = 71 and 75 60 min. for <i>b</i> = 79	30 min.	30 min.*
α_1	8,5° ^{+0,3°} ₀	20° ^{+0,3°} ₀	20° ^{+0,3°} ₀
α_2	14° ^{+0,3°} ₀	20° ^{+0,3°} ₀	20° ^{+0,3°} ₀

* It is recommended to use 45 mm in accordance with boots form T (see ISO 6959) to get higher lateral stability.

1) This dimension is recommended.

3 Design

3.1 Within the area L_1 , the sidewalls shall be straight and perpendicular to the binding plate, up to the height of the corresponding sole.

3.2 If clamps/bails are used for the Nordic form there shall be a free horizontal distance of 2 to 5 mm between them and the centre of the pins.

4 Instructions for mounting

Each binding shall, if possible, be accompanied by illustrated instructions for mounting. The following items shall be included in the instructions:

- a) information indicating that the position of the mounting jig is defined by a line which is marked on the ski by the ski manufacturer;
- b) reference to special drill jig;
- c) information on the choice of drill to be used;
- d) if it is intended that the mounting is carried out by laymen a drill jig shall be enclosed or indications shall be given to ensure that the mounting of the binding is as correct as possible.

5 Instructions for use

The following information shall be given in the instructions for use:

- a) stepping in and out;
- b) care and maintenance.

6 Marking

Ski bindings for cross-country skiing, which correspond to this International Standard, should be marked with the following elements:

- a) the reference of this International Standard;
- b) Nordic 71, 75 or 79 together with a lasting foot symbol (left or right)

Touring 50

Racing 50

Element b) shall be visible after mounting.

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