
International Standard



5977

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

Ski boots for children — Interfaces for ski bindings for downhill skiing

Chaussures de ski pour enfants — Zones de jonction pour fixations de skis alpins

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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 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.

International Standard ISO 5977 was developed by Technical Committee ISO/TC 83, *Sports and recreational equipment*, and was circulated to the member bodies in January 1981.

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

Austria	New Zealand
Czechoslovakia	Poland
Egypt, Arab Rep. of	South Africa, Rep. of
France	Spain
Germany, F.R.	Switzerland
India	USSR
Italy	USA

No member body expressed disapproval of the document.

Ski boots for children — Interfaces for ski bindings for downhill skiing

1 Scope and field of application

This International Standard lays down the dimensions and specifies the characteristics of the interfaces between ski boots and ski bindings for downhill skiing.

It applies to ski boots of size 28 to 35 (French size), 10 children's size to 2 1/2 adult size (English size) and 10 1/3 children's size to 2 2/3 adult size (American size) which are used in connection with current systems of downhill ski bindings with attachment at the boot toe and boot heel, the proper release function of which depends on the interface dimensions and the design of the boot sole and the lower part of the boot shaft.

For ski binding systems that function irrespective of the sole shape or that have different requirements for the sole dimensions, it is not always necessary that the ski boot soles comply with this International Standard in order to achieve the desired degree of safety.

2 References

ISO 527, *Plastics — Determination of tensile properties*.¹⁾

ISO 1101, *Technical drawings — Geometrical tolerances — Tolerances of form orientation, location and run-out — General, definitions, symbols, indications on drawings*.²⁾

ISO/R 1183, *Plastics — Methods for determining the density and relative density (specific gravity) of plastics excluding cellular plastics*.

ISO 2039, *Plastics and ebonite — Determination of hardness by the ball indentation method*.

3 Definitions

3.1 interface : Part of the boot provided for the attachment of or contact with the ski binding.

3.2 median plane : The middle plane of the sole in the longitudinal direction and perpendicular to the bearing surface.

3.3 bearing surface : Surface of the boot sole having contact with a plane on which the boot is standing.

3.4 ski brakes : Devices to stop the ski after release of the binding.

1) At present at the stage of draft. (Revision of ISO/R 527-1966.)

2) At present at the stage of draft. (Revision of ISO/R 1101/1-1969 and ISO/R 1101/2-1974.)

4 Dimensions

Only the dimensions given need be respected. Other dimensions of the boot need not correspond to the figure 1.

Dimensions in millimetres

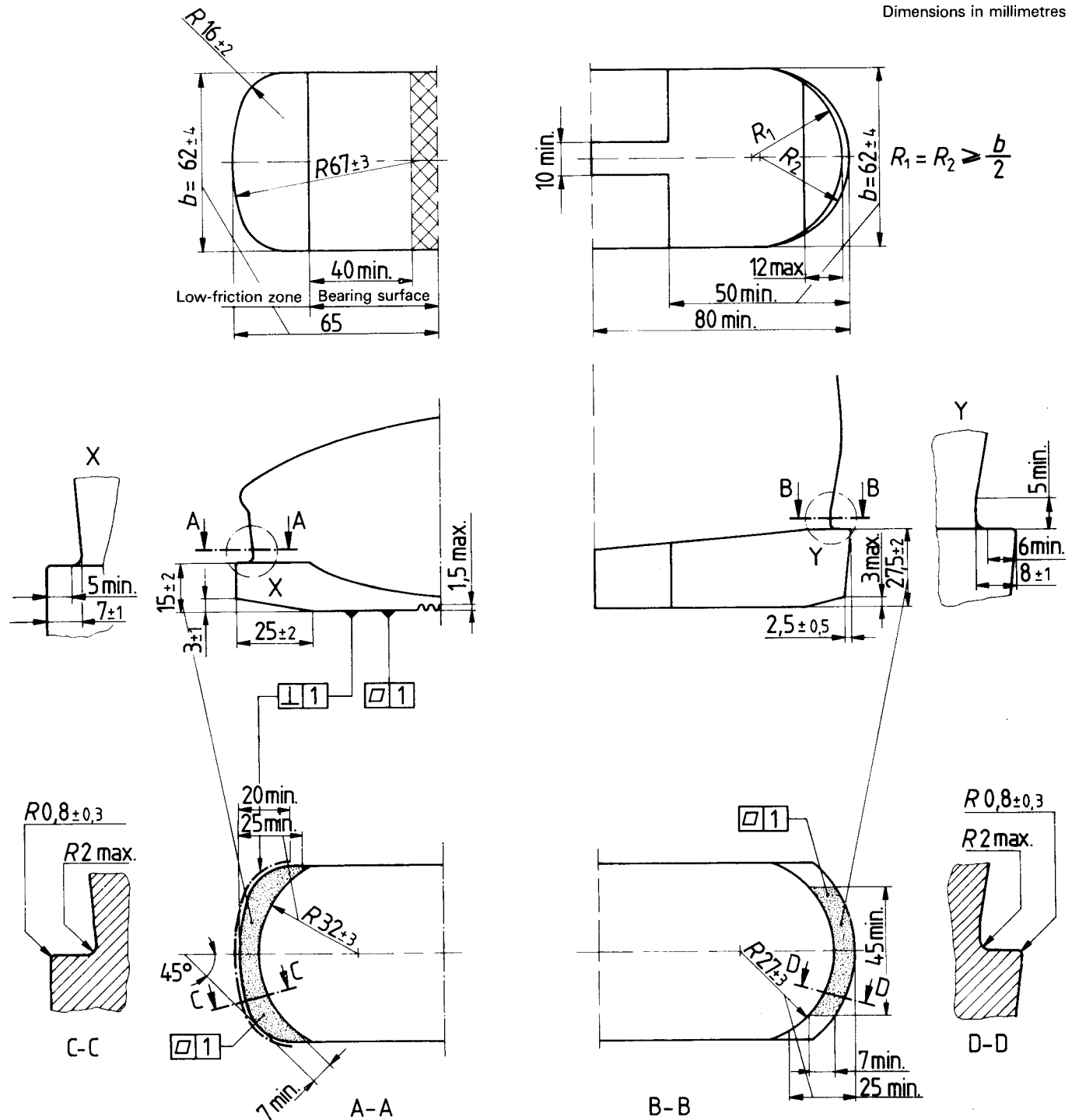


Figure 1 — Dimensions of boot toe and heel