International Standard



INTERNATIONAL ORGANIZATION FOR STANDARDIZATION®ME #ДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ® ORGANISATION INTERNATIONALE DE NORMALISATION

Cross-country skis – **Determination of mass and location** of balance point

Skis de fond - Détermination de la masse et de l'emplacement du point d'équilibre

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<u>ISO 7138:1984</u> https://standards.iteh.ai/catalog/standards/sist/57dbb2b7-18e6-4728b335-8a873e33e2e0/iso-7138-1984

Descriptors : sports equipment, skis, cross country skis, tests, determination, mass.

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.

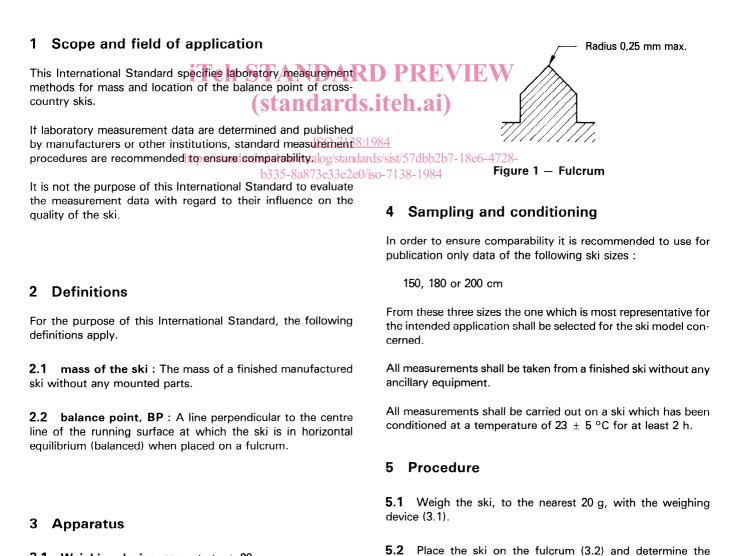
Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting TANDARD PREVIEW

International Standard ISO 7138 was prepared by Technical Committee ISO/TC 83, Sports and recreational equipment.

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balance point.

3.1 Weighing device, accurate to ± 20 g.

3.2 Horizontal fulcrum, for the determination of the balance point as shown in figure 1.

Indicate the location of the balance point by its distance X_{BP} from the rear end of the ski as shown in figure 2.

6 Expression of results

- 6.1 Report the mass of the ski in grams.
- **6.2** Report the balance point by indicating the distance X_{BP} .

7 Tolerances

If data are published by the manufacturer with reference to this International Standard, the following tolerance ranges shall be observed :

mass : ± 10 %

balance point : distance from the ski end \pm 2 %.

8 Test report

The test report shall include the following particulars :

- a) reference to this International Standard;
- b) name of distributor or manufacturer;
- c) trade mark and model designation;
- d) nominal length;
- e) imprinted serial number;
- f) test results (see clause 6);

g) any deviation from this International Standard with an explanation of the reason for the deviation.



Figure 2 – Distance of the balance point from rear end of ski