



## TECHNICAL REPORT 3836

Second edition  
Published 1978-02-01

ISO Technical Reports are subject to review within three years of publication, with the aim of achieving the agreements necessary for the publication of an International Standard.

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

### Shoe sizes — System of width grading (for use in the Mondopoint system)

*Pointures des chaussures — Système de gradation des largeurs (pour emploi dans le système Mondopoint)*

Technical Report 3836 was drawn up by Technical Committee ISO/TC 137, *Sizing system, designation and marking for boots and shoes*, and approved by the majority of its members. The reasons which led to the decision to publish the document in the form of a Technical Report are given in the Introduction.

In March 1975, the first edition was submitted to the ISO Council, which approved its publication as a Technical Report.

This second edition, incorporating a revised sub-clause 4.3 and the new sub-clauses 4.4 to 4.6, was approved by the ISO Council in January 1978.

#### 0 INTRODUCTION

As part of its programme of work, Technical Committee ISO/TC 137 has established a new system for sizing and designating boots and shoes with a view to unifying internationally the method of expressing shoe sizes.

This new system, called the "Mondopoint system", makes reference to the human foot and uses a unit of measurement from the International System of units: the millimetre.

The two fundamental characteristics upon which it is based are: the length and the width of the foot, as defined in ISO 2816.

In tackling the problem of fixing the appropriate range of sizes relating to these two measurements, for the needs both of the consumer and of shoe manufacturers, Technical Committee ISO/TC 137 has established those concerning length intervals only, lengths representing multiples of 5 mm or 7,5 mm being used (ISO 3355).

On the other hand, after having studied the possibility of defining width grading in a similar way, it has come to the conclusion that this is not possible at present on the international level, having regard to the following facts:

- the statistical distribution of the dimensions of the feet to be fitted differs from one country to another according to the variety of the populations;
- this variety is probably the reason for the diversity of grading systems in different countries.

Consequently, as it has been impossible in the present circumstances to succeed in drawing up an International Standard, the Committee felt it opportune to draw up this Technical Report.

UDC 685.31 : 572.087 : 389.17 : 003.62

Ref. No. ISO/TR 3836-1978 (E)

**Descriptors** : footwear, shoes, boots, units of measurement, dimensions, width.

© International Organization for Standardization, 1978 •

Printed in Switzerland

Price based on 2 pages