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## Size designation of clothes —

Part 3:

### Methodology for the creation of body measurement tables and intervals

*Désignation des tailles des vêtements —*

*Partie 3: Méthodologie de création de barèmes de mensuration du corps et des intervalles*



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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 133, *Clothing sizing system — size designation, size measurement methods and digital fittings*.

A list of all parts in the ISO 8559 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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## Introduction

In order to size mass-produced clothes, the body size of the intended wearer has to be defined and identified with the nearest size on a table of sizes. In this garment-related system, the body size is defined by scales of the appropriate primary dimensions. A good degree of standardization is achieved by the establishment of open-ended size scales with (fixed or not) intervals in at least the primary control dimension for each garment type. Where body shape is characterized by two primary girth dimensions, the first is placed on fixed scale, while the second (the dependent variable) is not.

The processing of body measurement data as described in this document results in the grouping of body sizes appropriate to the studied population concerned. Examples of garment size tables are readily compiled from this information.

The frequency distribution of body sizes is a useful means of determining which body sizes are applicable to the bulk of the population. Consequently, systems can be adjusted, particularly in the case of waist girth for women's wear for which body shape is defined by dimensions other than the waist girth.

Distribution of body dimensions can change due to changes over time. However, it might not be necessary to update a size table if the products can accommodate the population. As the results of the sizing surveys of the different countries vary, the tables in this document provide the required flexibility.

As an application of the methodology, measurement tables, in conjunction with body shapes, can be used to produce fit mannequins (known as "dummies").