

SLOVENSKI STANDARD

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Size designation of clothes - Part 1: Anthropometric definitions for body measurement (ISO 8559-1:2017)

Größenbezeichnung von Bekleidung - Teil 1: Anthropometrische Definition für Körpermaße (ISO 8559-1:2017)

Désignation des tailles de vêtements - Partie 1: Définitions anthropométriques pour la mesure du corps (ISO 8559-1:2017)

Ta slovenski standard je istoveten z: **EN ISO 8559-1:2020**

ICS:

61.020	Oblačila	Clothes
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EUROPEAN STANDARD
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Size designation of clothes - Part 1: Anthropometric definitions for body measurement (ISO 8559-1:2017)

Désignation des tailles de vêtements - Partie 1:
Définitions anthropométriques pour la mesure du
corps (ISO 8559-1:2017)

Größenbezeichnung von Bekleidung - Teil 1:
Anthropometrische Definition für Körpermaße (ISO
8559-1:2017)

This European Standard was approved by CEN on 23 November 2020.

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European foreword

The text of ISO 8559-1:2017 has been prepared by Technical Committee ISO/TC 133 "Clothing sizing systems - size designation, size measurement methods and digital fittings" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 8559-1:2020 by Technical Committee CEN/TC 248 "Textiles and textile products" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2021, and conflicting national standards shall be withdrawn at the latest by June 2021.

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INTERNATIONAL STANDARD

**ISO
8559-1**

First edition
2017-03

Size designation of clothes —

Part 1:

Anthropometric definitions for body measurement

Désignation des tailles de vêtements —

Partie 1: Définitions anthropométriques pour la mesure du corps

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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 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on 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 the following URL: www.iso.org/iso/foreword.html

The committee responsible for this document is ISO/TC 133, *Clothing sizing systems — Size designation, size measurement methods and digital fittings*.

This first edition cancels and replaces ISO 3635:1981 and ISO 8559:1989, which have been technically revised.

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

Introduction

This document is the first of a three-part International Standard (ISO 8559-1, ISO 8559-2 and ISO 8559-3). It comprises the definition and generation of anthropometric measurements that can be used for the creation of size and shape profiles and their application in the field of clothing. It forms a foundation for ISO 8559-2, *Primary and secondary dimension indicators*, and ISO 8559-3, *Methodology for creating body measurement tables and intervals*. Reference is made to measurements and procedures in ISO 7250-1.

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Size designation of clothes —

Part 1:

Anthropometric definitions for body measurement

1 Scope

This document provides a description of anthropometric measurements that can be used as a basis for the creation of physical and digital anthropometric databases. The list of measurements specified in this document is intended to serve as a guide for practitioners in the field of clothing who are required to apply their knowledge to select population market segments and to create size and shape profiles for the development of all garment types and their equivalent fit mannequins. The list provides a guide for how to take anthropometric measurements, as well as give information to clothing product development teams and fit mannequin manufacturers on the principles of measurement and their underlying anatomical and anthropometrical bases.

[Annex A](#) describes the use of the pictogram (standardized and modified) based on the selection of most usual body dimensions used for clothing size designation.

This document is intended to be used in conjunction with national, regional or international regulations or agreements to ensure harmony in defining population groups and to allow comparison of anthropometric data sets.

2 Normative references

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There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

NOTE [Annex C](#) summarizes the mapping of the terms related to body landmark points, levels ([3.1](#)) and lines and planes ([3.2](#)) with listed measurements:

- [Table C.1](#) — Vertical measurements ([5.1](#)), breadths, widths and depths ([5.2](#));
- [Table C.2](#) — Girth measurements ([5.3](#));
- [Table C.3](#) — Distances measured following the surface of the body ([5.4](#));
- [Table C.4](#) — Other measurements ([5.6](#)), calculated measurements ([5.7](#)).

3.1 Landmark points and levels ([Figures 1](#) to [26](#))

NOTE See [Annex C](#) for mapping of points and levels to measurements.