

STN	Základné merania rozmerov ľudského tela na technologický návrh Časť 1: Definície a orientačné body meraného tela (ISO 7250-1: 2017)	STN EN ISO 7250-1 83 3506
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Basic human body measurements for technological design - Part 1: Body measurement definitions and landmarks (ISO 7250-1:2017)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Basic human body measurements for technological design - Part 1: Body measurement definitions and landmarks (ISO 7250-1:2017)

Définitions des mesures de base du corps humain pour la conception technologique - Partie 1: Définitions des mesures du corps et repères (ISO 7250-1:2017)

Wesentliche Maße des menschlichen Körpers für die technische Gestaltung - Teil 1: Körpermaßdefinitionen und -messpunkte (ISO 7250-1:2017)

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

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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of an identical text or by endorsement, at the latest by March 2018 and conflicting national standards shall be withdrawn at the latest by March 2018.

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Endorsement notice

The text of ISO 7250-1:2017 has been approved by CEN as EN ISO 7250-1:2017 without any modification.

**Basic human body measurements for
technological design —**

Part 1:
**Body measurement definitions and
landmarks**

*Définitions des mesures de base du corps humain pour la conception
technologique —*

Partie 1: Définitions des mesures du corps et repères





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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
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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).

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

This document was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 3, *Anthropometry and biomechanics*.

This second edition cancels and replaces the first edition (ISO 7250-1:2008), which has been technically revised.

A list of all parts in the ISO 7250 series can be found on the ISO website.

Basic human body measurements for technological design —

Part 1: Body measurement definitions and landmarks

1 Scope

This document provides a description of anthropometric measurements which can be used as a basis for comparison of population groups and for the creation of anthropometric databases (see ISO 15535). The basic list of measurements specified in this document is intended to serve as a guide for ergonomists who are required to define population groups and apply their knowledge to the geometric design of the places where people work and live. In addition, the list serves as a basis for extracting one- and two-dimensional measurements from three-dimensional scans (specified in ISO 20685). It serves as a guide on how to take anthropometric measurements, but also gives information to the ergonomist and designer on the anatomical and anthropometrical bases and principles of measurement which are applied in the solution of design tasks.

This document is intended to be used in conjunction with national or international regulations or agreements to ensure harmony in defining population groups and to allow comparison of anthropometric data among member bodies. In its various applications, it is anticipated that the basic list will be supplemented by specific additional measurements. [Annex A](#) shows the correspondence of dimensions described here with their use in ISO 14738 and ISO 15534.

2 Normative references

There are no normative references in this document.

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