

Basic human body measurements for technological design - Part 1: Body measurement definitions and landmarks

EESTI STANDARDI EESSÕNA

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Käesolev Eesti standard EVS-EN ISO 7250-1:2010 sisaldab Euroopa standardi EN ISO 7250-1:2010 ingliskeelset teksti.

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English Version

Basic human body measurements for technological design - Part
1: Body measurement definitions and landmarks (ISO 7250-
1:2008)

Définitions des mesures de base du corps humain pour la
conception technologique - Partie 1: Définitions des
mesures du corps et repères (ISO 7250-1:2008)

Wesentliche Maße des menschlichen Körpers für die
technische Gestaltung - Teil 1: Körpermaßdefinitionen und
-messpunkte (ISO 7250-1:2008)

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Foreword

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Endorsement notice

The text of ISO 7250-1:2008 has been approved by CEN as a EN ISO 7250-1:2010 without any modification.

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Introduction

The well-being of people is greatly dependent on their geometrical relationship with various factors such as clothing, places of work, transportation, homes and recreational activities. To ensure harmony between people and their environments, it is necessary to quantify the size and shape of people for optimization of the technological design of the workplace and the home environment.

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Basic human body measurements for technological design —

Part 1:

Body measurement definitions and landmarks

1 Scope

This part of ISO 7250 provides a description of anthropometric measurements which can be used as a basis for comparison of population groups.

The basic list specified in this part of ISO 7250 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.

This list is not intended to serve as a guide for how to take anthropometric measurements, but it 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 part of ISO 7250 is intended to be used in conjunction with national or international regulations or agreements to assure harmony in defining population groups. In its various applications, it is anticipated that the basic list will be supplemented by specific additional measurements.

2 Terms and definitions

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

2.1

population group

group of people having some common environment or activity

NOTE These groups may be as diverse as geographically defined populations or specified age groups.

2.2 Anthropometric terms¹⁾

2.2.1

acromion

most lateral point of the lateral edge of the spine of the scapula

NOTE The height of the acromion is usually equated with shoulder height.

2.2.2

anterior

ventral

towards the front of the body

1) A detailed glossary of terms is found in the publications listed in the Bibliography.