

# DIN EN ISO 15535:2013-01 (E)

## General requirements for establishing anthropometric databases (ISO 15535:2012)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Data collection design .....	6
4.1	General .....	6
4.2	Definitions, techniques and conditions of measurement .....	6
4.3	Sampling techniques .....	7
5	Data collection requirements .....	7
5.1	Basic demographic description of subjects .....	7
5.2	Detection and treatment of measurement errors .....	7
5.3	Instrument accuracy .....	7
5.4	Sample composition .....	7
5.5	Sample size .....	7
5.6	Data-storage system .....	8
5.7	Type of clothing .....	8
5.8	Measurer training and quality control .....	8
6	Database format .....	8
7	Database contents .....	9
7.1	Required background data .....	9
7.2	Recommended background data .....	9
7.3	Anthropometric data .....	9
7.4	Complementary data .....	9
8	Anthropometric data sheets .....	9
9	Statistical processing .....	9
Annex A (normative) Method for estimating the number of subjects needed on a sample .....		11
Annex B (normative) Anthropometric data sheet .....		14
Annex C (informative) Example of anthropometric data sheet .....		15
Annex D (informative) Method of calculating decimal-notation date and age .....		17
Annex E (normative) Age stratification at specified growth period .....		20
Annex F (normative) Procedure for preparing data and statistics .....		21
Annex G (informative) Recommended scientific and technical objectives for setting up internationally compatible databases .....		23

<b>Annex H (informative) Application of measurements .....</b>	<b>24</b>
<b>Annex I (informative) Sample database format .....</b>	<b>25</b>
<b>Bibliography .....</b>	<b>26</b>