

Technical aids for disabled persons — Classification

The European Standard EN ISO 9999:1998 has the status of a
British Standard

ICS 11.180

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National foreword

This British Standard is the English language version of EN ISO 9999:1998. It is identical with ISO 9999:1998. It supersedes BS EN 29999:1994 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee IH/7, Aids for people with disabilities (International), to Subcommittee IH/7/1, Aids for people with disabilities, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

Attention is drawn to the fact that CEN and CENELEC standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, page 2, the ISO title page, pages ii to iv, pages 1 to 77 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This British Standard, having been prepared under the direction of the Health and Environment Sector Board, was published under the authority of the Standards Board and comes into effect on 15 June 1998

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ISBN 0 580 30016 1

Amendments issued since publication

Amd. No.	Date	Comments

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English version

Technical aids for disabled persons — Classification

(ISO 9999:1998)

Aides techniques pour personnes atteintes d'un
handicap — Classification (ISO 9999:1998)

This European Standard was approved by CEN on 14 February 1998.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

The text of the International Standard ISO 9999:1998 has been prepared by Technical Committee ISO/TC 173 “*Technical systems and aids for disabled or handicapped persons*” in collaboration with Technical Committee CEN/TC 293 “*Technical aids for disabled persons*”, the secretariat of which is held by SIS.

This European Standard supersedes EN 29999:1994.

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 October 1998, and conflicting national standards shall be withdrawn at the latest by October 1998.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 9999:1998 was approved by CEN as a European Standard without any modification.

INTERNATIONAL STANDARD

**ISO
9999**

Second edition
1998-04-01

Technical aids for disabled persons — Classification

*Aides techniques pour personnes atteintes d'un handicap ou d'un
désavantage social — Classification*



Reference number
ISO 9999:1998(E)

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Descriptors: Disabled persons, disabled persons aids, classification, coded representation, numeric codes.

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9999 was prepared by Technical Committee ISO/TC 173, *Technical systems and aids for disabled or handicapped persons*, Subcommittee SC 2 *Classification and terminology*.

This second edition cancels and replaces the first edition (ISO 9999:1992), which has been technically revised. A conversion table, available from the ISO/TC 173/SC 2 Secretariat, presents the changes from the previous edition.

Annex A of this International Standard is for information only.

1 Scope

This International Standard establishes a classification of technical aids for disabled persons. At present, it is restricted to those technical aids which are used mainly by an individual disabled person.

The classification is intended to promote communication. It may be used, for example, as the basis for information systems on and about technical aids for disabled persons, for the development of stock control system or for the production of supply statistics.

The following items are specifically excluded from this International Standard:

- items used for the installation of technical aids;
- compiled devices (components included in the classification) are not incorporated into the classification automatically;
- medicines;
- technical aids and instruments, exclusively used by medical practitioners;
- financial support;
- nontechnical solutions, such as personal assistance, guide dogs, monkeys, lip-reading etc., and internal devices (implants).

Technical aids for problem transport and availability in buildings are not included unless they may also be used in private houses or in private transport.

NOTE Proposals for changes or additions to this International Standard, in respect of both existing and proposed new classes, which take into account the rules given for classification may be submitted to ISO/TC 173, SC 2, with an accompanying explanation for the proposal.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1087-1:—, *Terminology work — Vocabulary — Part 1: Theory and application*¹⁾.

ISO 1087-2:—, *Terminology work — Vocabulary — Part 2: Computer applications*¹⁾.

3 Definitions

For the purposes of this International Standard, the terminology of ISO 1087 applies. Where relevant product standards exist their terminology is used in this International Standard (see Annex A). The following definitions also apply.

3.1

impairment

<in the context of health experience> any loss or abnormality of psychological, physiological, or anatomical structure or function²⁾

3.2

disability

<in the context of health experience> any restriction or lack (resulting from an impairment) of ability to perform an activity in the manner or within the range considered normal for a human being²⁾

3.3

handicap

<in the context of health experience> disadvantage for a given individual, resulting from an impairment or a disability, that limits or prevents the fulfilment of a role that is normal (depending on age, sex, and social and cultural factors) for that individual²⁾

¹⁾ To be published. (Revision, in part, of ISO 1087:1990)

²⁾ International Classification of Impairments, Disabilities and Handicaps (ICIDH), WHO, Geneva 1980, reprint 1993 (see Annex A).

3.4

disabled person

person with one or more impairments, one or more disabilities, one or more handicaps or a combination of impairment, disability and/or handicap

3.5

technical aid

<for disabled persons> any product, instrument, equipment or technical system used by a disabled person, especially produced or generally available, preventing, compensating, relieving or neutralizing the impairment, disability or handicap

3.6

classification

system of concepts or a structured set of concepts established according to the relations between them, each concept being determined by a systematic code and its position in the system of concepts

3.7 class

collection of similar articles, divided according to definite and/or chosen rules

4 Principle

The classification is based on a functional division with products being classified according to their principal function.

In particular, it should be noted that technical aids which are used exclusively for training should be included in class 03. An aid which has a function other than training but which may also be used for training should be included in the class covering its principal function.

In this classification, software is treated in the same manner as hardware and is classified as such in the division according to its function.

5 Elements and rules used in classification

5.1 Construction

The classification consists of three hierarchical levels, termed classes, subclasses and divisions respectively.

Each class, subclass, or division consists of a code and a name and, if necessary, a definition or explanatory text and/or a reference to other parts of the classification.

References are used for two purposes:

- to separate classes, subclasses or divisions from one another, e.g. general versus specific;
- for information, e.g. references between related products.

In general, references are made to the lowest possible level.

5.2 Codes

5.2.1 The code consists of three groups of two digits each.

The first and second digits indicate the class, the third and fourth digits the subclass, and the fifth and sixth digits the division.

For practical purposes, classes alone are indicated by two digits only (deleting two groups of zeros) and subclasses alone are indicated by two groups of two digits (deleting one group of zeros).

The code determines the position of the class, the subclass, or the division respectively in the classification.

5.2.2 The digits for the codes were originally chosen using intervals of three in order to allow the introduction of amendments and extensions in subsequent revisions of this International Standard without changing the classification fundamentally.

5.2.3 Classes 00, 01, 02 and 90 to 99 and the associated subclasses and divisions are reserved for national applications.

In addition further levels may be added to any part of the classification to serve national or local purposes. A fixed position (89) is reserved at all levels for technical aids which are categorized as “other”.

NOTE A conversion table detailing the coding changes from the first edition of the classification to this revision is available. This table, which is not part of this International Standard, may be obtained from the ISO/TC 173/SC 2 Secretariat. In the present revision, codes which were originally used to classify items which have been removed from the classification are not used to classify new items which have been added to the classification.

5.3 Terms

5.3.1 As far as possible the terminology in general use has been adopted. Where relevant product standards exist, their terminology is used in this International Standard (see Annex A, and in particular reference [8]).

5.3.2 All terms are in the plural form.

5.3.3 Terms at class level are generally connected to a special function. In classes, terms connected to a special product are only used if the term is broadly applied or if the function for the product is incorporated in the name.

5.3.4 Depending on the type of the technical aid, terms at subclass or division level are related to a special function (eg aids for weighing and measuring) or indicate a special product (eg scissors).

5.3.5 In order to prevent repetition, the term at division level is considered to be interconnected with the term of the subclass.

5.3.6 Only in cases where a technical aid is used by a specific group of disabled persons shall the term used refer to that group of disabled persons.

5.4 Some rules used in classification

5.4.1 A class is equal to the sum of its subclasses and a subclass is equal to the sum of its divisions. In the classification no term such as “general” is used, since it is considered to be included in the heading of the class or the subclass (see also **5.2.3** concerning the use of the term “other”).

5.4.2 Products appear only at the division level.

5.4.3 In general, parts of aids, accessories to aids, individually adapted aids and individual adaptations in homes and other premises are included with the aid they are associated with.

5.4.4 Parts, accessories and adaptations are separately classified if they are fitted to a group of aids. In these cases they are classified as close as possible to the group of technical aids with which they are associated.

5.4.5 The classification is organized in such a manner that all technical aids can be classified without being tested or measured.

5.4.6 A classification of hypothetical technical aids is avoided.

6 Index

An alphabetical index of terms is provided to facilitate access to the classification.

Synonyms may be incorporated in the index and refer to the preferred term in the classification.

7 Classification

- 03 Aids for therapy and training**
including aids used for personal treatment and aids for sexual activities. Aids that have a function other than training but which may also be used for training should be included in the class covering its principal function.
- 03 03 Aids for respiratory therapy**
Vibrators, see **03 27 12**
Aids for environmental improvement, see **27 03**
- 03 03 03 Inhaled-air preheaters
- 03 03 06 Inhalation equipment
including jet dispensers, automatic inhaler dispensers, pressure respirators, ultrasound nebulizers, and filters and nebulizers with dosage aerosols
- 03 03 12 Respirators
including ventilators

- 03 03 18 Oxygen units
including oxygen concentrators
- 03 03 21 Aspirators
- 03 03 24 Benches and cushions for respiratory therapy
- 03 03 27 Respiration muscle trainers
including masks producing a resistance to inhalation and/or expiration
- 03 03 30 Respiration meters
including spirometers
- 03 06 Aids for circulation therapy**
Blood-pressure meters, see 03 24 09
Heart stimulators, see 03 27 03
Training and ergometer cycles, see 03 48 03
Special sitting furniture, see 18 09 21
Adjustable beds, see 18 12 07 and 18 12 10
- 03 06 03 Suits and stockings filled with compressed air
including compression garments for arms, legs and other parts of the body
- 03 06 06 Anti-oedema stockings for arms and legs
- 03 06 12 Compression units
- 03 09 Aids for light therapy**
IR lamps, see 03 30 03
- 03 09 03 UVA lamps
including lamps in the spectrum range 315 nm to 400 nm
- 03 09 06 SUP (Selective Ultraviolet Phototherapy) and UVB lamps
including lamps in the spectrum range 280 nm to 340 nm
- 03 09 09 Protective eyeglasses for light therapy
Aids for eye and face protection, see 09 06 06
- 03 12 Abdominal hernia aids**
Lumbosacral orthoses, see 06 03 06
- 03 12 03 Hernia straps
- 03 12 06 Hernia girdles and trusses
- 03 15 Aids for dialysis therapy**
Injection materials, see **03 21**
Sterilizing equipment, see **03 22**
Bacteria cultivation materials, see 03 24 06
Bloodpressure meters, see 03 24 09
Blood analysis materials, see 03 24 12
Body thermometers, see 09 48 03
Personal scales, see 09 48 06
Tables, see **18 03**
Light fixtures, see **18 06**
Sitting furniture, see **18 09**
Water purifiers and water softeners, see 27 03 18
- 03 15 03 Haemodialysis units (HD)
including dialyzers, monitors, blood pumps, heparin
pumps, air detectors
- 03 15 06 Units for continuous ambulant peritoneal dialysis (CAPD)
including infusion unit bags, frames, heaters, fistula cannulas
- 03 15 12 Instrument sets for dialysis
including trays and forceps
Sterilizing equipment, see **03 22**

- 03 18 Aids for dosing medicines**
 Aids for administering medicines in quantity and time
 Dosing aids used in conjunction with injection syringes, see 03 21 18
 Aids for opening bottles, cans, containers, see 24 06 03
- 03 18 03 Dosing boxes
- 03 21 Injection materials**
- 03 21 03 Injection guns
- 03 21 06 Injection syringes, single-use
- 03 21 09 Injection syringes, multi-use
- 03 21 12 Injection needles, single-use
- 03 21 15 Injection needles, multi-use or permanent use
- 03 21 18 Dosing aids used in conjunction with injection syringes
 Aids for filling syringes and to ensure a correct dose even if the user is partially sighted, blind or has impaired hand function
 including injection cartridges and aids for insulin storage and automatic pipettes
- 03 21 21 Infusion pumps
 including insulin pumps
- 03 22 Sterilizing equipment**
- 03 24 Physical, physiological and biochemical test equipment and materials**
- 03 24 03 Urinalysis equipment
- 03 24 06 Bacteria culture media and equipment
- 03 24 09 Blood-pressure meters (sphygmomanometers)
- 03 24 12 Blood analysis materials
- 03 24 15 Electrocardiogram (ECG) equipment
- 03 24 18 Physical test and evaluation materials
- 03 25 Cognitive test equipment and materials**
- 03 25 03 Language test and evaluation materials
- 03 25 06 Psychological test and evaluation materials
- 03 25 09 Educational test and evaluation materials, including vocational tests
- 03 27 Stimulators**
 including aids for the modification of bodily functions, e.g. aids for increasing, decreasing or stabilizing functions
 Functional electrical stimulators and hybrid orthotic systems, see 06 15
 Hearing aids with implant, see 21 45 18
- 03 27 03 Heart stimulators
 including pacemakers
- 03 27 06 Stimulators for pain relief
- 03 27 09 Muscle stimulators not used as orthoses
 including stimulators for continence
- 03 27 12 Vibrators
- 03 27 15 Tinnitus masks**
 Attachments for hearing aids and hearing aids with built-in tinnitus masking, see 21 45
- 03 30 Aids for heat or cold treatment**
- 03 30 03 Aids for heat treatment
 including IR lamps

- 03 30 06 Aids for cold treatment
- 03 33 Aids for pressure-sore prevention (antidecubitus aids)**
 - Body-worn protective aids, see **09 06**
- 03 33 03 Cushions for pressure-sore prevention
 - Seat cushions, see 18 09 30
- 03 33 06 Mattresses and coverings for pressure-sore prevention
 - including sheepskins
 - Bedding, see 18 12 15
 - Mattresses, see 18 12 18
- 03 33 09 Special equipment for pressure-sore prevention
 - including alarms for pressure-sore prevention (e.g. paralarm)
- 03 33 12 Beds for pressure-sore prevention
 - Turning aids, see **12 33**
 - Beds, see **18 12**
- 03 36 Aids for perceptual training**
 - Stimulators, see **03 27**
 - Aids for heat or cold treatment, see **03 30**
 - Aids for communication therapy and training, see **03 42**
 - Equipment for movement, strength and balance training, see **03 48**
 - Aids for training cognitive skills, see **03 57**
- 03 36 03 Aids for training perceptual discrimination and matching
- 03 36 06 Aids for training perceptual coordination
 - including spatial concepts, eye-hand coordination
 - Aids for training personal mobility, see 03 78 09
- 03 39 Aids for visual training**
- 03 39 03 Aids for occlusion treatment
- 03 42 Aids for communication therapy and training**
 - Aids for training alternative and augmentative communication, see **03 43**
 - Aids for mother-language training, see 03 63 03
 - Aids for foreign-language training, see 03 63 06
 - Audio recorders and receivers, see **21 30**
- 03 42 03 Vibrating chairs (for training deaf persons)
- 03 42 06 Aids for voice and speech training
 - including aids for training spoken language, S-, F- and Sch-indicators and acoustic spectral analyzers
 - Aids for mother-language training, see 03 63 03
 - Aids for foreign-language training, see 03 63 06
- 03 42 12 Training materials for developing reading skills
 - Aids for mother-language training, see 03 63 03
 - Book support and book holders, see 21 27 06
- 03 42 15 Training materials for developing writing skills
 - Aids for training keyboard skills, see 03 75 12
 - Typewriters and word processing machines, see **21 15**
- 03 43 Aids for training alternative and augmentative communication**
 - Aids for training cognitive skills, see **03 57**
 - Aids for communication, information and signalling — including aids for reading, writing, telephoning and security alarms, see **21**
- 03 43 03 Aids for training finger spelling
- 03 43 06 Aids for training sign language

- 03 43 09 Aids for training lip reading
- 03 43 12 Aids for training cued speech (e.g. Danish mouth-hand cued speech)
- 03 43 15 Aids for Braille training
- 03 43 18 Aids for training other tactile symbols
- 03 43 21 Aids for training icon-symbols
including pic-symbols
- 03 43 24 Aids for training Bliss-communication
- 03 43 27 Aids for training communication with pictures and drawings
Aids for drawing and handwriting, see **21 24**
- 03 43 30 Aids for training Morse communication
Aids for signalling, see **21 48**
- 03 45 Aids for spinal traction**
- 03 48 Equipment for movement, strength and balance training**
- 03 48 03 Training and ergometer cycles
- 03 48 06 Parallel bars and supports for standing
- 03 48 12 Finger and hand exercise appliances
- 03 48 15 Arm, trunk and leg exercise appliances
including wallbars, trampolines, gymnasium mats and balance boards
- 03 48 18 Weighted cuffs
- 03 48 21 Tilting tables
- 03 48 24 Biofeedback devices for movement, strength and balance training
Aids providing an audible, visible or tactile signal in response to a specific physical or physiological action
- 03 48 27 Aids for positioning the body during therapy
- 03 51 Aids for continence training**
- 03 51 03 Incontinence alarms
Muscle stimulators not used as orthoses (including stimulators for continence), see 03 27 09
- 03 54 Aids for sexual activities**
Stimulators, see **03 27**
Showers, see 09 33 09
Seat cushions, see 18 09 30
Back cushions and back pads, see 18 09 33
Beds, see **18 12**
- 03 57 Aids for training cognitive skills**
Aids for perceptual training, see **03 36**
Aids for training perceptual coordination including spatial concepts, see 03 36 06
Aids for communication therapy and training, see **03 42**
Aids for training alternative and augmentative communication, see **03 43**
Aids for training control of input units and handling products and goods, see **03 75**
Aids for communication, information and signalling — including aids for reading, writing, telephoning and security alarms, see **21**
- 03 57 03 Aids for memory training
- 03 57 06 Aids for training sequencing
- 03 57 09 Aids for training attention
- 03 57 12 Aids for training concept development
- 03 57 15 Aids for training classification

- 03 57 18 Aids for training problem solving
- 03 57 21 Aids for training inductive/deductive reasoning
- 03 60 Aids for training basic skills**
 - Aids for voice and speech training, see 03 42 06
 - Aids for mother-language training, see 03 63 03
 - Aids for foreign-language training, see 03 63 06
- 03 60 03 Aids for training early counting
- 03 60 06 Aids for coding and decoding written language
 - Training materials for developing reading skills, see 03 42 12
 - Training materials for developing writing skills, see 03 42 15
 - Aids for mother-language training, see 03 63 03
- 03 60 09 Aids for training understanding of time
 - Timepieces, see **09 51**
- 03 60 12 Aids for training understanding of money
- 03 60 15 Aids for training understanding measures/capacity
 - Aids for weighing and measuring, see 15 03 03
 - Cooking units, see 15 03 21
 - Measuring instruments, see **27 06**
- 03 60 18 Aids for training basic geometric skills
 - Aids for training natural subjects, see 03 63 15
- 03 63 Various educational subjects**
 - including aids for training and developing academic skills
 - Aids for vocational training, see **03 66**
- 03 63 03 Aids for mother-language training
 - including aids with only one language
 - Aids for voice and speech training, see 03 42 06
- 03 63 06 Aids for foreign-language training
 - including aids with more than one language
 - Aids for voice and speech training, see 03 42 06
- 03 63 09 Aids for training humanistic subjects
- 03 63 12 Aids for training social subjects
- 03 63 15 Aids for training natural subjects
- 03 63 18 Aids for training occupational and commercial subjects
- 03 66 Aids for vocational training**
 - Aids for training social skills, see **03 72**
 - Aids for handling products and goods, see **24**
- 03 66 03 Aids for vocational guidance
- 03 66 06 Aids for general job training
- 03 66 09 Aids for training office and business functions
- 03 66 12 Aids for training programming and informatics
- 03 66 15 Aids for training telecommunication
 - Telephones and aids for telephoning, see **21 36**
 - Aids for signalling, see **21 48**
- 03 69 Aids for training in the arts**
 - Aids intended for developing artistic skills
 - Aids for recreation, see **30**
- 03 69 03 Aids for training musical skills
 - Musical instruments, see **30 12**

- 03 69 06 Aids for training drawing skills
Aids for drawing and handwriting, see **21 24**
Handicraft tools, materials and equipment, see **30 18**
- 03 69 09 Aids for training drama and dance
- 03 72 Aids for training social skills**
- 03 72 03 Aids for training recreational activities
Aids intended for training recreative activities
Aids for recreation, see **30**
- 03 72 06 Aids for training social behaviour
- 03 72 09 Aids for personal safety training
including aids for traffic training
Safety equipment for the home and other premises, see **18 33**
- 03 72 12 Aids for travel training
Aids for personal mobility, see **12**
Orientation aids, see **12 39**
- 03 75 Aids for training control of input units and handling products and goods**
Physical test equipment and materials, see **03 24**
Aids for perceptual training, see **03 36**
Equipment for movement, strength and balance training, see **03 48**
Input and output devices and accessories for computers, typewriters and calculators, see **21 09**
Aids for handling products and goods, see **24**
- 03 75 03 Aids for training mouse control
- 03 75 06 Aids for training joystick control
Aids for training personal mobility, see **03 78 09**
- 03 75 09 Aids for training switch control
- 03 75 12 Aids for training keyboard skills
- 03 75 15 Aids for training selection techniques
Operating controls and devices, see **24 09**
- 03 78 Aids for training in daily living activities**
- 03 78 03 Aids for training use of prostheses
Orthoses and prostheses, see **06**
- 03 78 06 Aids for training everyday personal activities
Aids for personal care and protection, see **09**
- 03 78 09 Aids for training personal mobility
Aids for personal mobility, see **12**
- 03 78 12 Aids for training housekeeping
Aids for housekeeping, see **15**
- 06 Orthoses and prostheses** (see also Annex A)
including both body-powered and externally powered orthoses and external prostheses,
orthopaedic footwear and cosmetic prostheses
excluding endoprostheses (not part of the scope of this International Standard)
Orthoses (06 03 – 06 15)
- 06 03 Spinal orthotic systems**
A spinal orthotic system is a collection of compatible components usually produced by a single manufacturer which may be integrated with any individually fabricated component to produce a range of different spinal orthoses.
The individual devices may be classified according to the following classification.
Aids for hernia therapy, see **03 12**

- 06 03 03 Sacroiliac orthoses
- 06 03 06 Lumbosacral orthoses
- 06 03 09 Thoracolumbosacral orthoses
- 06 03 12 Cervical orthoses
- 06 03 15 Cervicothoracic orthoses
- 06 03 18 Cervicothoracolumbosacral orthoses

06 06 Upper limb orthotic systems (body-worn)

An upper limb orthotic system is a collection of compatible components usually produced by a single manufacturer which may be integrated with any individually fabricated component to produce a range of different upper limb orthoses.
The individual devices and principal components may be classified according to the following classification.

- 06 06 03 Finger orthoses
- 06 06 06 Hand orthoses
- 06 06 09 Wrist orthoses
- 06 06 12 Wrist-hand orthoses
- 06 06 13 Wrist-hand-finger orthoses
- 06 06 15 Elbow orthoses
- 06 06 18 Elbow-wrist orthoses
- 06 06 19 Elbow-wrist-hand orthoses
- 06 06 21 Shoulder orthoses
- 06 06 24 Shoulder-elbow orthoses
- 06 06 27 Shoulder-elbow-wrist orthoses
- 06 06 30 Shoulder-elbow-wrist-hand orthoses
- 06 06 33 Wrist joints
- 06 06 36 Elbow joints
- 06 06 39 Shoulder joints

06 09 Upper limb orthoses (non-body-worn)

Forearm supports applied to a typewriter or computer, see 21 09 24
Aids to assist and/or replace arm and/or hand and/or finger function, see 24 18

06 12 Lower limb orthotic systems

A lower limb orthotic system is a collection of compatible components usually produced by a single manufacturer which may be integrated with any individually fabricated component to produce a range of different lower limb orthoses.
The individual devices and principal components may be classified according to the following classification.

- 06 12 03 Foot orthoses
including insoles and shoe inserts
- 06 12 06 Ankle-foot orthoses
- 06 12 09 Knee orthoses
- 06 12 12 Knee-ankle-foot orthoses
- 06 12 15 Hip orthoses
(including abduction orthoses)
- 06 12 16 Hip-knee orthoses
- 06 12 18 Hip-knee-ankle-foot orthoses

06 12 21 Ankle joints

06 12 24 Knee joints

06 12 27 Hip joints

06 15 Functional electrical stimulators and hybrid orthotic systems

Functional electrical stimulators are designed to compensate for a loss of normal motor function.

Functional electrical stimulators may be used in combination with mechanical orthoses in hybrid orthotic systems.

Stimulators, not used as orthoses, see **03 27**

Limb prostheses (06 18 – 06 27)

06 18 Upper limb prosthetic systems

An upper limb prosthetic system is a collection of compatible components usually produced by a single manufacturer and commercially available. The components may be integrated with any individually fabricated component to produce a range of different upper limb prostheses. The individual devices and principal components may be classified according to the following classification.

06 18 03 Partial hand prostheses
including finger prostheses

06 18 06 Wrist disarticulation prostheses

06 18 09 Transradial (below-elbow) prostheses

06 18 12 Elbow disarticulation prostheses

06 18 15 Trans-humeral (above-elbow) prostheses

06 18 18 Shoulder disarticulation prostheses

06 18 21 Forequarter amputation prostheses

06 18 24 Prosthetic hands

06 18 27 Split hooks and specialized appliances (or tools)
Functional tools, not components of limb prostheses, see **27 12**

06 18 30 Wrist units

06 18 33 Elbow units

06 18 36 Shoulder units

06 18 39 External joints for upper limb prosthetic systems

06 18 42 Alignment devices for upper limb prosthetic systems

06 21 Cosmetic and nonfunctional upper limb prostheses

06 24 Lower limb prosthetic systems

A lower limb prosthetic system is a collection of compatible components usually produced by a single manufacturer which may be integrated with any individually fabricated component to produce a range of different lower limb prostheses.

The individual devices and principal components may be classified according to the following classification.

06 24 03 Partial foot prostheses
including toe prostheses

06 24 06 Ankle disarticulation prostheses

06 24 09 Transtibial (below-knee) prostheses

06 24 12 Knee disarticulation prostheses

06 24 15 Transfemoral (above-knee) prostheses

06 24 18 Hip disarticulation prostheses

- 06 24 21 Hemipelvectomy prostheses
- 06 24 24 Hemicorporectomy prostheses
- 06 24 27 Ankle-foot devices (prosthetic feet)
- 06 24 30 Torque reducers
- 06 24 33 Knee units
- 06 24 36 Hip units
- 06 24 37 External joints for lower limb prosthetic systems
- 06 24 39 Transtibial sockets (preformed)
- 06 24 42 Transfemoral sockets (preformed)
- 06 24 45 Alignment devices for lower limb prosthetic systems
- 06 24 48 Temporary prostheses for early mobilization of lower limb amputees
- 06 27 Cosmetic and nonfunctional lower limb prostheses**
including thigh and calf fillers
- 06 30 Prostheses other than limb prostheses**
- 06 30 03 Wigs
- 06 30 06 Hairpieces and toupees
- 06 30 09 Eyelashes and eyebrows
- 06 30 12 Moustaches and beards
- 06 30 15 Back fillers
- 06 30 18 Breast (mammary) prostheses
- 06 30 21 Eye (ocular) prostheses
- 06 30 24 Ear (aural) prostheses
- 06 30 27 Nose (nasal) prostheses
- 06 30 30 Composite facial prostheses
including prostheses comprising e.g. eye and/or ear and/or nose prostheses
- 06 30 33 Palate prostheses
- 06 30 36 Dentures
- 06 30 39 Skin-covering agents (cosmetics)
- 06 30 89 Other cosmetic prostheses
- 06 33 Orthopaedic footwear**
Foot orthoses, see 06 12 03
Nonorthopaedic shoes and boots, see 09 03 42
- 06 33 03 Ready-made (off-the-shelf) orthopaedic footwear
including e.g. deep-lasted, soft-interface and long-entry ready-made footwear
- 06 33 06 Custom-made (bespoke) orthopaedic footwear
including soft-interface custom-made footwear
- 06 33 09 Adapted standard footwear
- 09 Aids for personal care and protection** (see also Annex A)
including aids for incontinent and ostomy patients, aids for dressing and undressing, clothes,
shoes, body thermometers, timepieces and personal scales
Aids for eating and drinking, see **15 09**
- 09 03 Clothes and shoes**
including clothes and shoes for babies and children also including patterns for sewing and
knitting
Body-worn protective aids, see **09 06**

- 09 03 03 Coveralls
including weatherproof protective covers for rain, cold and wind protection used when seated
e.g. in a wheelchair, a pram or a sledge
- 09 03 06 Coats
including jackets for outdoor use
- 09 03 09 Hats and caps
- 09 03 12 Gloves and mittens
Aids for hand protection, see 09 06 15
- 09 03 15 Blouses and shirts
- 09 03 18 Jackets and trousers
- 09 03 21 Skirts and dresses
- 09 03 24 Underwear
- 09 03 27 Stockings and socks
Anti-oedema stockings for arms and legs, see 03 06 06
Compression units, see 03 06 12
- 09 03 30 Nightwear
- 09 03 33 Bathing wear
- 09 03 36 Protective bathing pants
- 09 03 39 Bibs and aprons
- 09 03 42 Shoes and boots
Orthopaedic footwear, see **06 33**
Aids for foot, heel and toe protection, see 09 06 21
- 09 03 45 Anti-slip devices for shoes and boots
Accessories for walking aids, including walking-stick holders, rubber tips and ice grippers,
see **12 07**
- 09 03 48 Buttoning devices and fasteners
including Velcro strips, zippers, elastic shoelaces and other products that can facilitate
buttoning and holders for aprons and other corresponding products
Aids for dressing and undressing, see **09 09**
- 09 06 Body-worn protective aids**
Aids for environmental improvement, see **27 03**
- 09 06 03 Aids for head protection
- 09 06 06 Aids for eye and aids for face protection
including moist chambers or watchglass dressings
Protective eyeglasses for light therapy, see 03 09 09
- 09 06 09 Aids for ear protection and aids for hearing protection
- 09 06 12 Aids for elbow or arm protection
- 09 06 15 Aids for hand protection
Gloves and mittens, see 09 03 12
- 09 06 18 Aids for knee or leg protection
including stockings for amputated legs (stump socks)
- 09 06 21 Aids for heel or toe or foot protection
Shoes and boots, see 09 03 42
- 09 06 24 Aids for trunk or whole body protection
including belts, harnesses and vests
Car seatbelts and harnesses, see 12 12 09
- 09 06 27 Aids for airway protection

- 09 09 Aids for dressing and undressing**
 Buttoning devices and fasteners, see 09 03 48
 Marking materials, see **24 04**
- 09 09 03 Aids for applying socks and pantyhose
- 09 09 06 Shoehorns and bootjacks
- 09 09 09 Clothes holders
- 09 09 12 Dressing and undressing hooks or sticks
- 09 09 15 Zip pullers
- 09 09 18 Button hooks
- 09 12 Aids for toileting**
 Urine chutes, see 09 24 12
 Urine bottles, see 09 27 09
 Bidets, see 09 33 18
 Lifting aids, see **12 36**
 Support devices, see **18 18**
- 09 12 03 Commode chairs (with or without castors)
 including commode chairs also used for showering
- 09 12 06 Toilets
 including raised toilets and those with built-in douche
 and/or air dryer
 Douches and air dryers for attachment to a toilet, see 09 12 36
- 09 12 09 Toilet seats
 Raised toilet seats and self-lifting toilet seats, see 09 12 12 up to and including 09 12 21
 Body support units for hoists, see 12 36 21
- 09 12 12 Raised toilet seats (separate)
 Raised toilet seats standing on floor. The seat can easily be removed from the WC pan.
- 09 12 15 Raised toilet seats (loose attachments)
 Raised toilet seats which are placed directly on the WC pan. The raised toilet seat can easily
 be removed from the WC pan.
- 09 12 18 Raised toilet seats (fixed attachments)
 Pedestals and raised toilet seats fixed to the WC pan by screws or brackets
- 09 12 21 Self-raising toilet seats
 including devices that raise and lower the toilet seat to assist getting on and off the toilet
- 09 12 24 Toilet armrests and/or toilet backrests mounted on the toilet
 including bodyrests mounted on the toilet
 Toilet seats, see 09 12 09
 Supporting armrests, see 18 18 09
- 09 12 27 Toilet paper tongs
- 09 12 30 Toilet roll holders
 including toilet paper dispensers
- 09 12 33 Bedpans
- 09 12 36 Douches and air dryers for attachment to a toilet
 Toilets, see 09 12 06
 Bidets, see 09 33 18
- 09 12 39 Wall-mounted urinals
 Urine collectors, see **09 27**
- 09 15 Tracheostomy aids**
 Aids for respiratory therapy, see **03 03**
 Snorkels, see 09 33 42

- 09 15 03 Cannulas
- 09 15 06 Stoma protectors
- 09 18 Ostomy aids**
 - Skin-protective agents, see 09 21 18
- 09 18 04 One-piece closed-ended bags
- 09 18 05 Multiple-piece system closed-ended bags
- 09 18 07 One-piece urostomy bags
- 09 18 08 Multiple-piece system urostomy bags
- 09 18 09 Pressure bandages for ostomy aids
- 09 18 13 Press plates and belts
- 09 18 14 Adhesive plates, skin barriers
- 09 18 15 Bag closures
- 09 18 18 Odour absorbents and deodorizers
- 09 18 21 Pocket supports for ostomy bags
- 09 18 24 Irrigation sets
- 09 18 30 Stoma shields
- 09 18 33 Stoma drainage catheters
- 09 18 36 Flushing syringes
- 09 18 39 One-piece open-ended bags
- 09 18 42 Multiple-piece open-ended bags
- 09 21 Products for skin protection and skin cleaning**
 - Skin-covering agents (cosmetics), see 06 30 39
 - Body-worn protective aids, see **09 06**
 - Aids for washing oneself, bathing and showering, see **09 33**
- 09 21 03 Adhesive solvents
- 09 21 06 Skin detergents
- 09 21 09 Disinfectants
- 09 21 12 Dressing materials
- 09 21 15 Sealing materials
- 09 21 18 Skin-protective agents
- 09 24 Urine diverters**
 - Protective bathing pants, see 09 03 36
 - Dressing materials, see 09 21 12
 - Sealing materials, see 09 21 15
- 09 24 03 Balloon catheters
- 09 24 06 Drainage catheters
- 09 24 09 Urine condoms and devices with a similar function
- 09 24 12 Urine chutes
- 09 24 15 Urinals for women
- 09 27 Urine collectors**
 - including connecting units (tubes, connectors, valves)
- 09 27 04 Closed-ended urine collection bags, body-worn
- 09 27 05 Open-ended urine collection bags, body-worn

- 09 27 07 Closed-ended urine collection bags, non-body-worn
- 09 27 08 Open-ended urine collection bags, non-body-worn
- 09 27 09 Urine bottle
including devices with a similar function for women
Bedpans, see 09 12 33
- 09 27 13 Suspenders and fastening devices for urine collectors
- 09 27 18 Urine collection systems
comprising tubes, connecting units and collector
including also separate components
- 09 30 Urine absorbing aids**
Protective bathing pants, see 09 03 36
Bedding, see 18 12 15
- 09 30 04 Urine absorbing aids intended to be body-worn
including diapers, women's pads (sanitary towels) and penis diapers
Bedding, see 18 12 15
- 09 30 09 Suspenders and fasteners for urine absorbing aids
including snibs, pants, belts
- 09 33 Aids for washing, bathing and showering**
including bath thermometers
Hoists for transfer of persons, see **12 36**
Support devices, see **18 18**
Plumbing fittings and taps, see 18 24 03
Grip adapters and attachments, see 24 18 06
- 09 33 03 Bath/shower chairs (with and without wheels), stools, backrests and seats
Commode chairs which can be used for toilet and showering, see 09 12 03
- 09 33 06 Nonslip bath mats, shower mats and tapes, etc.
Nonslip materials for floors and stairs, see 18 33 03
- 09 33 09 Showers and shower units
including fixtures for adjusting the position of the shower head
- 09 33 12 (Bathing) stretchers, shower tables and diaper-changing tables
Stretchers for mobile and stationary hoists for transfer of persons, see 12 36 21
- 09 33 15 Wash basins
- 09 33 18 Bidets
Warm-water douches and/or warm-air dryers which are built into a toilet, see 09 12 06
Warm-water douches and/or warm-air dryers for toilets (separate), see 09 12 36
- 09 33 21 Bathtubs
including portable and folding bathtubs
- 09 33 24 Bathtub shelves
- 09 33 27 Aids for reducing the length or depth of a bath
- 09 33 30 Washcloths, sponges and brushes with holder, handle or grip
- 09 33 33 Soap dishes, soap holders and soap dispensers
- 09 33 36 Aids for drying oneself
Warm-air dryers which are built into a toilet, see 09 12 06
Warm-air dryers for toilets (separate), see 09 12 36
Hair dryers, see 09 39 09
- 09 33 39 Floating aids
including swimming floats, bathing neck collars, inflatable bathing caps
- 09 33 42 Snorkels

- 09 33 45 Bath thermometers
- 09 36 Aids for manicure and pedicure**
- 09 36 03 Nail brushes
Aids to assist and/or replace hand and/or finger function, see **24 18**
- 09 36 06 Nail files and emery boards
Aids to assist and/or replace hand and/or finger function, see **24 18**
- 09 36 09 Nail scissors and nail clippers
- 09 39 Aids for hair care**
- 09 39 03 Shampooing aids
- 09 39 06 Combs and hairbrushes
Aids to assist and/or replace hand and/or finger function, see **24 18**
- 09 39 09 Hair dryers
- 09 42 Aids for dental care**
Tube-squeezing keys, see **24 06 06**
- 09 42 03 Nonelectric toothbrushes
Aids to assist and/or replace hand and/or finger function, see **24 18**
- 09 42 06 Electric toothbrushes
- 09 45 Aids for facial care/skin care**
Products for skin protection and skin cleaning, see **09 21**
- 09 45 03 Shaving brushes, razors and (electric) shavers
Aids to assist and/or replace hand and/or finger function, see **24 18**
- 09 45 06 Aids for the application of make-up
- 09 45 09 Mirrors
- 09 48 Aids for measuring human physical and physiological properties**
- 09 48 03 Body thermometers
- 09 48 06 Personal scales
- 09 48 09 Aids for measuring skin conduction
Biofeedback devices for movement, strength and balance training, see **03 48 24**
- 09 51 Timepieces**
including timepieces with and without alarm
- 09 51 03 Wristwatches
- 09 51 06 Pocket watches
- 09 51 09 Table clocks and wall clocks
- 12 Aids for personal mobility**
Orthoses and prostheses, see class **06**
Aids for the carriage of goods, see **24 36, 24 39, 24 42 and 24 45**
- 12 03 Walking aids manipulated by one arm**
Walking aids used singly or in pairs, each manipulated by one arm, possibly in combination with the upper body
Accessories to walking aids, see **12 07**
- 12 03 03 Walking sticks
including white walking sticks
Sticks with one leg and a handle without forearm support
Tactile sticks, see **12 39 03**
White canes, see **12 39 03**