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**Assistive products for persons with  
disability — Classification and  
terminology**

*Produits d'assistance pour personnes en situation de handicap —  
Classification et terminologie*

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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](http://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](http://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](http://www.iso.org/iso/foreword.html).

The committee responsible for this document is ISO/TC 173, *Assistive products for persons with disability*, Subcommittee SC 2, *Classification and terminology*.

This sixth edition cancels and replaces the fifth edition (ISO 9999:2011), which has been technically revised.

## Introduction

Assistive products (including software) are classified according to their function. The classification consists of three hierarchical levels and the codes each consist of three pairs of digits. Like other classifications, for each level, codes, titles, explanatory notes, inclusions, exclusions and cross-references are given. Besides the explanatory text and the classification itself, a table of conversion between the previous edition (2011) and this edition and an alphabetical index are provided in order to facilitate the use of and to improve the accessibility of the classification.

This edition has 945 titles of which about 44 are new and 456 are changed, including minor editorial and grammatical revisions.

All assistive products in this classification are primarily intended for use outside of health care settings; however, some of the products can be used in facilities such as rehabilitation centres to teach clients how to use these products. It should be noted that the titles of some subclasses and divisions in class 28 refer to the “workplace”. This term does not refer to a specific setting or geographical location; instead, it refers to any setting in which employment-related activities or vocational training are performed.

The definition of “assistive product” used by this International Standard has been revised to align it with the terminology of the International Classification of Functioning, Disability and Health (ICF).

### Relation to the WHO Family of International Classifications

In 2003, ISO 9999 was accepted as a related member of the WHO Family of International Classifications (WHO-FIC). The WHO-FIC comprises high-quality classifications for relevant sectors of the health system. With this inclusion, the use of this International Standard was stimulated.

This International Standard makes use of the terminology of the International Classification of Functioning, Disability and Health (ICF, WHO, 2001). ICF is a classification of health and health-related domains. These domains are classified from body, individual and societal perspectives by means of two lists: a list of body functions and structure and a list of domains of activity and participation. Since an individual’s functioning and disability occurs in a context, ICF also includes a list of environmental factors. The ICF is one of the core classifications of the WHO-FIC (see [Annex A](#)).

A major change in this edition is a change of the titles of the classes to bring them in harmony with the terminology of the ICF.

### Proposal for changes

**Proposals for changes or additions to this International Standard, both in respect of existing and proposed new classes/subclasses/divisions, which take into account the given rules for classification, may be submitted to a national member body of ISO with an accompanying explanation for the proposal. See <http://www.iso.org> for addresses of national member bodies.**

NOTE 1 Some of the assistive products for persons with disability can be classified as medical devices.

NOTE 2 National member bodies are encouraged to improve the accessibility of the classification by the addition of national language synonyms to the nationally implemented standard.

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# Assistive products for persons with disability — Classification and terminology

## 1 Scope

This International Standard establishes a classification and terminology of assistive products, especially produced or generally available, for persons with disability.

Assistive products used by a person with disability, but which require the assistance of another person for their operation, are included in the classification.

The following items are specifically excluded from this International Standard:

- items used for the installation of assistive products;
- solutions obtained by combinations of assistive products that are individually classified in this International Standard;
- medicines;
- assistive products and instruments used exclusively by healthcare professionals;
- non-technical solutions, such as personal assistance, guide dogs or lip-reading;
- implanted devices;
- financial support.

## 2 Terms and definitions

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

### 2.1

#### **activity**

execution of a task or action by an individual

[SOURCE: ICF 2001, WHO]

### 2.2

#### **activity limitations**

difficulties an individual can have in executing activities

[SOURCE: ICF 2001, WHO]

### 2.3

#### **assistive product**

any product (including devices, equipment, instruments and software), especially produced or generally available, used by or for *persons with disability* (2.12)

- for *participation* (2.13),
- to protect, support, train, measure or substitute for *body functions* (2.4)/structures and activities, or
- to prevent *impairments* (2.11), *activity limitations* (2.2) or *participation restrictions* (2.14)

Note 1 to entry: The definition of assistive product is in discussion at the GATE, the Global cooperation on Assistive Health Technology (a WHO initiative), and the information is given in [Annex B](#).

2.4

**body functions**

physiological functions of body systems (including psychological functions)

[SOURCE: ICF 2001, WHO]

2.5

**body structures**

anatomical parts of the body such as organs, limbs and their components

[SOURCE: ICF 2001, WHO]

2.6

**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 positions in the system of concepts

2.7

**class**

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

2.8

**disability**

umbrella term for *impairments* (2.11), *activity limitations* (2.2) and *participation restrictions* (2.14) denoting the negative aspects of the interaction between an individual (with a health condition) and that individual's contextual factors (environmental and personal factors)

[SOURCE: ICF 2001, WHO]

2.9

**environmental factors**

physical, social and attitudinal environment in which people live and conduct their lives

[SOURCE: ICF 2001, WHO]

2.10

**functioning**

umbrella term for *body functions* (2.4), *body structures* (2.5), activities and *participation* (2.13) denoting the positive aspects of the interaction between an individual (with a health condition) and that individual's contextual factors (environmental and personal factors)

[SOURCE: ICF 2001, WHO]

2.11

**impairments**

problems in body function or structure, such as a significant deviation or loss

[SOURCE: ICF 2001, WHO]

2.12

**person with disability**

person with one or more *impairments* (2.11), one or more *activity limitations* (2.2), one or more *participation restrictions* (2.14) or a combination thereof

2.13

**participation**

involvement in a life situation

[SOURCE: ICF 2001, WHO]

**2.14****participation restrictions**

problems an individual can experience in involvement in life situations

[SOURCE: ICF 2001, WHO]

**2.15****workplace**

defined area or areas in which the work activities are carried out

[SOURCE: EN 1540:1998]

**3 Principle**

The classification is based on the function of the products being classified.

In particular, it should be noted that assistive products, which are used exclusively for training in skills, are included in class 05. Assistive products that have a principal function other than training, but which can also be used for training, are included in the class covering their primary function.

Software is classified at the division level of the class relating to its function.

Multifunctional products are also classified based on the primary function. References may be added related to secondary functions of the item.

**4 Elements and rules used in classification****4.1 Construction**

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

Each class, subclass or division consists of a code, a title and, if necessary, an explanatory note and reference to other parts of the classification.

Explanatory notes are used to clarify the content of the class, subclass or division. Inclusions and exclusions are used to provide examples.

References are used for two purposes:

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

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

**4.2 Codes****4.2.1** The code consists of three pairs of digits.

The first pair of digits indicates a class, the second pair of digits a subclass and the third pair of digits a division.

For practical reasons, in this International Standard, the classes are indicated by one pair of digits only (deleting two pairs of zeros) and subclasses are indicated by two pairs of digits (deleting one pair of zeros).

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

**4.2.2** The digits for the codes were originally chosen with intervals of three. In subsequent revisions, the intervening digits have been used to introduce new classes, subclasses and divisions without significantly modifying the classification.

In this revision, codes that were originally used to classify items that have been removed from the classification are not used to classify new items that have been added to the classification.

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

The subclasses XX 01, XX 02, and XX 90 to XX 99 and the associated divisions are reserved for national applications.

The divisions XX XX 01, XX XX 02 and XX XX 90 to XX XX 99 are reserved for national applications.

Subclasses XX 88 and the divisions XX XX 88 are reserved for assistive products that are titled "Other (title of parent class or parent subclass)" for international applications.

In addition, further levels, e.g. 4th level, may be added to any part of the classification to serve national or local purposes

**4.2.4** A conversion table detailing the coding changes from the previous revision of the classification to this revision is given for information in [Annex C](#).

### **4.3 Titles of classes, subclasses and divisions**

**4.3.1** As far as possible, the terminology in general use has been adopted.

**4.3.2** All titles in the classification are in the plural form.

**4.3.3** Titles at class level generally describe a broad area of function of the product, e.g. assistive products for domestic activities and participation in domestic life, assistive products for activities and participation relating to personal mobility and transportation and assistive products for work activities and participation in employment.

**4.3.4** Titles at subclass level describe a special function, e.g. "assistive products for reading", within the broad area covered by the class, e.g. "assistive products for communication and information management".

**4.3.5** Going down to the division level, the description gets more specific.

**4.3.6** Only in cases where an assistive product is intended for use by persons with a specific disability, age or gender should the title refer to that group.

### **4.4 Rules used in classification**

**4.4.1** A class is equal to the sum of its subclasses and a subclass is equal to the sum of its divisions.

**4.4.2** In general, parts of assistive products, accessories to assistive products, individually adapted assistive products and individual adaptations in homes and other premises are classified in the same subclass or division of the assistive product with which they are associated.

**4.4.3** Parts, accessories and adaptations are separately classified when they are associated with a group of assistive products. In these cases, they are classified as close as possible to the group of assistive products with which they are associated, e.g. 12 07 accessories for assistive products for walking.

**4.4.4** The classification is organized in such a manner that all assistive products can be classified without being tested or measured.

**4.4.5** Classification of hypothetical assistive products is avoided.

**4.4.6** Classes are created in such a manner that they do not overlap in the described broad function of other classes. The subclasses are created in such a manner that they do not overlap in the specific function of other subclasses. The divisions are created in such a manner that they do not overlap with products in other divisions.

## 5 Index

An alphabetical index of terms in [Annex D](#) is provided for information to facilitate access to the classification.

Terms used in inclusion statements are incorporated in the index.

## 6 Classification

### 6.1 One-level classification — Classes

- 04 Assistive products for measuring, supporting, training or replacing body functions
- 05 Assistive products for education and for training in skills
- 06 Assistive products attached to the body for supporting neuromusculoskeletal or movement related functions (orthoses) and replacing anatomical structures (prostheses)
- 09 Assistive products for self-care activities and participation in self-care
- 12 Assistive products for activities and participation relating to personal mobility and transportation
- 15 Assistive products for domestic activities and participation in domestic life
- 18 Furnishings, fixtures and other assistive products for supporting activities in indoor and outdoor human-made environments
- 22 Assistive products for communication and information management
- 24 Assistive products for controlling, carrying, moving and handling objects and devices
- 27 Assistive products for controlling, adapting or measuring elements of physical environments
- 28 Assistive products for work activities and participation in employment
- 30 Assistive products for recreation and leisure

### 6.2 Two-level classification — Classes and subclasses

- 04 Assistive products for measuring, supporting, training or replacing body functions**
- 04 03 Assistive products for respiration
- 04 06 Assistive products for circulation therapy

- 04 08 Assistive products for stimulating body control and conceptualization
- 04 09 Assistive products for light therapy
- 04 15 Assistive products for dialysis therapy
- 04 19 Assistive products for administering medicines
- 04 22 Sterilizing equipment
- 04 24 Physical, physiological and biochemical test equipment and materials
- 04 25 Cognitive test and evaluation materials
- 04 26 Assistive products for cognitive therapy
- 04 27 Stimulators
- 04 30 Assistive products for heat or cold treatment
- 04 33 Assistive products intended to manage tissue integrity
- 04 36 Assistive products for perceptual training
- 04 45 Assistive products for spinal traction
- 04 48 Equipment for movement, strength and balance training
- 04 49 Wound care products
- 05 Assistive products for education and for training in skills**
- 05 03 Assistive products for communication therapy and communication training
- 05 06 Assistive products for training in alternative and augmentative communication
- 05 09 Assistive products for continence training
- 05 12 Assistive products for training in cognitive skills
- 05 15 Assistive products for training in basic skills
- 05 18 Assistive products for training in educational subjects
- 05 24 Assistive products for training in arts
- 05 27 Assistive products for training in social skills
- 05 30 Assistive products for training in control of input units and handling products and goods
- 05 33 Assistive products for training in daily living activities
- 05 36 Assistive products for training in changing and maintaining body position
- 06 Assistive products attached to the body for supporting neuromusculoskeletal or movement related functions (orthoses) and replacing anatomical structures (prostheses)**
- 06 03 Spinal and cranial orthoses
- 06 04 Abdominal orthoses

- 06 06 Upper limb orthoses
- 06 12 Lower limb orthoses
- 06 15 Functional neuromuscular stimulators and hybrid orthoses
- 06 18 Upper limb prostheses
- 06 24 Lower limb prostheses
- 06 30 Prostheses other than limb prostheses
- 09 Assistive products for self-care activities and participation in self-care**
- 09 03 Clothes and shoes
- 09 06 Body-worn assistive products for body protection
- 09 07 Assistive products for body stabilization
- 09 09 Assistive products for dressing and undressing
- 09 12 Assistive products for toileting
- 09 15 Assistive products for tracheostomy care
- 09 18 Assistive products for ostomy care
- 09 21 Products for skin protection and skin cleaning
- 09 24 Urine diverters
- 09 27 Assistive products for collecting urine and faeces
- 09 30 Assistive products for absorbing urine and faeces
- 09 31 Assistive products to prevent involuntary urine or faeces leakage
- 09 32 Assistive products for management of menstruation
- 09 33 Assistive products for washing, bathing and showering
- 09 36 Assistive products for manicure and pedicure
- 09 39 Assistive products for hair care
- 09 42 Assistive products for dental care
- 09 45 Assistive products for facial care
- 09 54 Assistive products for sexual activities
- 12 Assistive products for activities and participation relating to personal mobility and transportation**
- 12 03 Assistive products for walking, manipulated by one arm
- 12 06 Assistive products for walking, manipulated by both arms
- 12 07 Accessories for assistive products for walking
- 12 10 Cars, vans and trucks

- 12 11 Mass transit vehicles
- 12 12 Vehicle accessories and vehicle adaptations
- 12 16 Mopeds and motorcycles
- 12 17 Diverse motorized vehicles
- 12 18 Cycles
- 12 22 Manual wheelchairs
- 12 23 Powered wheelchairs
- 12 24 Wheelchair accessories
- 12 27 Diverse human powered vehicles
- 12 31 Assistive products for changing body position
- 12 36 Assistive products for lifting persons
- 12 39 Assistive products for orientation
- 15 Assistive products for domestic activities and participation in domestic life**
- 15 03 Assistive products for preparing food and drink
- 15 06 Assistive products for dishwashing
- 15 09 Assistive products for eating and drinking
- 15 12 Assistive products for housecleaning
- 15 15 Assistive products for making and maintaining textiles for domestic use
- 15 18 Assistive products for gardening and lawn care for domestic use
- 18 Furnishings, fixtures and other assistive products for supporting activities in indoor and outdoor human-made environments**
- 18 03 Tables
- 18 06 Light fixtures
- 18 09 Sitting furniture
- 18 10 Accessories for sitting furniture
- 18 12 Beds and bed equipment
- 18 15 Assistive products for height adjustment of furniture
- 18 18 Supporting handrails and grab bars
- 18 21 Gate, door, window and curtain openers/closers
- 18 24 Construction elements in homes and other premises
- 18 30 Assistive products for vertical accessibility
- 18 33 Safety equipment for homes and other premises

- 18 36 Furniture for storage
- 22 Assistive products for communication and information management**
- 22 03 Assistive products for seeing
- 22 06 Assistive products for hearing
- 22 09 Assistive products for voice production
- 22 12 Assistive products for drawing and writing
- 22 15 Assistive products for calculation
- 22 18 Assistive products that record, play and display audio and visual information
- 22 21 Assistive products for face-to-face communication
- 22 24 Assistive products for telephoning and telematic messaging
- 22 27 Assistive products for alarming, indicating, reminding and signalling
- 22 30 Assistive products for reading
- 22 33 Computers and terminals
- 22 36 Input devices for computers
- 22 39 Output devices for computers
- 22 42 Interactive devices for computers
- 24 Assistive products for controlling, carrying, moving and handling objects and devices**
- 24 06 Assistive products for handling containers
- 24 09 Assistive products for operating and controlling devices
- 24 13 Assistive products for controlling from a distance
- 24 18 Assistive products to assist or replace arm function, hand function, finger function or combination of these functions
- 24 21 Assistive products for extended reach
- 24 24 Assistive products for positioning
- 24 27 Assistive products for fixation
- 24 36 Assistive products for carrying and transporting
- 24 39 Containers for storing objects
- 27 Assistive products for controlling, adapting or measuring elements of physical environments**
- 27 03 Assistive products for environmental improvement
- 27 06 Measuring instruments
- 28 Assistive products for work activities and participation in employment**

- 28 03 Workplace furniture and furnishing elements
- 28 06 Assistive products for transporting objects in workplaces
- 28 09 Assistive products for hoisting and repositioning objects in workplaces
- 28 12 Assistive products for fixing, reaching and grasping objects in workplaces
- 28 15 Machines and tools for use in workplaces
- 28 18 Devices for testing and monitoring in workplaces
- 28 21 Assistive products for office administration, information storage and management at work
- 28 24 Assistive products for health protection and safety in workplaces
- 28 27 Assistive products for vocational assessment and vocational training
- 30 Assistive products for recreation and leisure**
- 30 03 Assistive products for play
- 30 09 Assistive products for sports
- 30 12 Assistive products for playing and composing music
- 30 15 Assistive products for producing photos, films and videos
- 30 18 Handicraft tools, materials and equipment
- 30 24 Assistive products for hunting and fishing
- 30 27 Assistive products for camping and caravanning
- 30 30 Assistive products for smoking
- 30 34 Assistive products for care of animals

### **6.3 Three-level, detailed classification with explanations, inclusions, exclusions and references**

Where relevant product standards exist, their terminology is used in this International Standard (see Bibliography).

## 04 ASSISTIVE PRODUCTS FOR MEASURING, SUPPORTING, TRAINING OR REPLACING BODY FUNCTIONS

Products that monitor or assess a person's medical condition, and products that support, or provide a substitute for, a specific body function

Included are, e.g. products used in "medical treatment".

Excluded are assistive products used exclusively by healthcare professionals.

Assistive products for education and for training in skills, see 05

Assistive products attached to the body for supporting neuromusculoskeletal or movement related functions (orthoses) and replacing anatomical structures (prostheses), see 06

Tilting tables, see 05 36 06

Assistive products for seeing, see 22 03

Assistive products for hearing, see 22 06

### 04 03 Assistive products for respiration

Equipment for assisting a person to breathe

Vibrators, see 04 27 12

Assistive products for environmental improvement, see 27 03

#### 04 03 03 *Inhaled-air pretreatment devices*

Devices that take in air from the surrounding area and physiologically treat it before inhalation by warming, cooling or cleaning the air

#### 04 03 06 *Inhalation equipment*

Devices for assisting a person to inhale or to administer drugs in the form of vapour, gas, liquid spray or fine dust

Included are, e.g. jet dispensers, automatic inhaler dispensers, pressure respirators, ultrasound nebulizers, filters, nebulizers with dosage aerosols.

#### 04 03 12 *Respirators*

Devices for providing artificial ventilation through the nose, the mouth or an artificial hole in the air pipe (tracheostomy) for a person who has difficulties with breathing

Included are, e.g. ventilators and respirators that filter or purify the surrounding air, Continuous Positive Airway Pressure (CPAP), Bilevel Positive Airway Pressure (BIPAP).

#### 04 03 18 *Oxygen units*

Devices providing concentrated oxygen gas, which is breathed in through the nose and mouth

Included are, e.g. units that concentrate oxygen from the surrounding air.

#### 04 03 21 *Aspirators*

Devices for sucking secretions and substances out of the lungs

#### 04 03 24 *Benches and cushions for respiration*

Devices for positioning a person in order to enable him/her to breathe or to drain secretions from the lungs

- 04 03 27 *Respiration muscle trainers*  
Devices for training the respiratory muscles either by applying resistance when a person is breathing or by direct compression onto the walls of the chest  
Included are, e.g. masks that give resistance to inhaling and exhaling.
- 04 03 30 *Respiration meters*  
Instruments for measuring the volume of air inhaled and exhaled  
Included are, e.g. spirometers.
- 04 03 33 *Uvula supports*  
Devices that support the uvula in order to enable free breathing  
Included are, e.g. devices to enable continuity in breathing and to avoid snoring.
- 04 06 Assistive products for circulation therapy**  
Equipment for assisting circulation by passive or active compression
- Blood pressure meters, see 04 24 09
  - Exercise and ergometer cycles, see 04 48 03
  - Special sitting furniture, see 18 09 21
  - Beds and detachable bed-boards/mattress support platforms with manual adjustment, see 18 12 07
  - Beds and detachable bed-boards/mattress support platforms with powered adjustment, see 18 12 10
- 04 06 06 *Anti-oedema stockings for arms and legs and other parts of the body*  
Clothes that have a gradually descending pressure towards the body for curing or preventing oedema after operations and varicose wounds  
Included are, e.g. tube-like elastic anti-oedema bandages, stockings for arms and legs for reducing or preventing swelling caused by circulation problems.
- 04 06 09 *Air-filled garments and compression units for circulation problems*  
Equipment with air-filled attachments for surrounding an affected part of the body; equipment consisting of both compression garments and compressors, that produces waves of compression to aid the circulation and to prevent swelling caused by circulation problems
- 04 08 Assistive products for stimulating body control and conceptualization**  
Garments that facilitate body posture and control or body conceptualization with even pressure; clothes that are used to enhance daily activities  
Included are, e.g. compression garments, bandages, tapes.
- 04 09 Assistive products for light therapy**  
Infrared (IR) lamps, see 04 30 03
- 04 09 03 *Ultraviolet A (UVA) lamps*  
Therapy lamps with long wave ultraviolet rays, used primarily for the treatment of skin conditions

- 04 09 06 *Selective Ultraviolet Phototherapy (SUP) and Ultraviolet B (UVB) lamps*  
Therapy lamps with short wave ultraviolet rays, used primarily for the treatment of skin conditions
- 04 09 09 *Protective eyeglasses for light therapy*  
Devices for protecting the eyes from ultraviolet rays  
Assistive products for eye protection or face protection, see 09 06 06
- 04 09 12 *Daylight therapy lamps*  
Therapy lamps with a colour temperature of at least 4000 Kelvin, used for the treatment of, e.g. Seasonal Affective Disorder (SAD)
- 04 15 Assistive products for dialysis therapy**  
Devices for purifying the blood of a person  
Assistive products for administering medicines, see 04 19  
Sterilizing equipment, see 04 22  
Bacteria culture media and equipment, see 04 24 06  
Blood pressure meters, see 04 24 09  
Blood analysis devices, equipment and materials, see 04 24 12  
Body thermometers, see 04 24 24  
Personal scales, see 04 24 27  
Tables, see 18 03  
Light fixtures, see 18 06  
Sitting furniture, see 18 09  
Water purifiers and water softeners, see 27 03 18
- 04 15 03 *Haemodialysis units (HD)*  
Machines used regularly for purifying the blood of a person who has poorly functioning or absent kidneys  
Included are, e.g. dialysers, monitors, blood pumps, heparin pumps, air detectors.
- 04 15 06 *Units for continuous ambulant peritoneal dialysis (CAPD)*  
Body-worn devices for continuously purifying the blood of a person with poorly functioning or absent kidneys  
Included are, e.g. infusion unit bags, frames, heaters, fistula cannulas.
- 04 15 12 *Instrument sets for dialysis*  
Devices to connect a person to a dialyser  
Included are, e.g. forceps.  
Sterilizing equipment, see 04 22
- 04 19 Assistive products for administering medicines**  
Assistive products to control the rate and quantity of medicines administered  
Included are, e.g. devices that assist or help the introduction of liquid medicines directly into the body through the skin.

Openers, see 24 06 03

04 19 04 *Assistive products for measuring, dispensing or modifying medication to ensure its proper use*

Devices to enable a person to measure the correct dosage of medicine, taken orally or injected; to dispense the correct dosage of a medicine; to modify a tablet, capsule or pill to obtain a lower dose of the active ingredient; or to modify the form of a medication to facilitate its proper administration or consumption

Included are, e.g. pill crushers, pill splitters, assistive products for measuring the volume of liquid medicine.

Assistive products for alarming, indicating, reminding and signalling, see 22 27

04 19 06 *Injection guns*

Devices with a trigger for introducing liquid medicines directly into the body through the skin

04 19 09 *Injection syringes, single-use*

Devices with a plunger for introducing liquid medicines directly into the body through a needle inserted in the skin; each syringe is intended for single use only

04 19 12 *Injection syringes, multi-use*

Devices with a plunger for introducing liquid medicines directly into the body through a needle inserted in the skin; each syringe can be sterilized and re-used

04 19 15 *Injection needles, single-use*

Needles intended for single use only

04 19 18 *Injection needles, multi-use or permanent use*

Needles that can be sterilized and re-used and needles that can stay in the body for a long period of time

04 19 24 *Infusion pumps*

Devices attached to the body for the automatic administration of medicine (including nutrients) directly into the blood vessels

Included are, e.g. insulin pumps, feeding pumps, accessories for parenteral (intravenous) feeding.

Feeding systems for enteral feeding, see 15 09 30

04 19 27 *Unpowered infusion systems*

Intravenous drip systems for the administration of medicine

04 19 30 *Assistive products for inserting suppositories*

04 19 33 *Accessories for assistive products for administering medicines*

Included are, e.g. products for positioning of needles and fixation of needles.

## 04 22 **Sterilizing equipment**

Devices that eliminate harmful bacteria, viruses and other microorganisms from assistive products

**04 24 Physical, physiological and biochemical test equipment and materials**

Measuring instruments and equipment for workplaces, see 28 18 03

04 24 03 *Urine analysis equipment*

04 24 06 *Bacteria culture media and equipment*

04 24 09 *Blood pressure meters (sphygmomanometers)*

04 24 12 *Blood analysis devices, equipment and materials*

Included are, e.g. blood glucose monitors.

04 24 15 *Electrocardiogram (ECG) equipment*

Equipment for monitoring and recording the activities of the heart

Stethoscopes, see 04 24 21

04 24 18 *Physical test and evaluation materials*

Equipment for testing and evaluating functions like joint stability, joint mobility, muscle strength and physical endurance, as well as movement activities like sitting, standing, rolling over and walking

04 24 21 *Assistive products for measuring human physical and physiological properties*

Included are, e.g. stethoscopes.

04 24 24 *Body thermometers*

Instruments for measuring the body temperature

04 24 27 *Personal scales*

Instruments of measuring body weight

04 24 30 *Assistive products for measuring skin condition*

Instruments for measuring the state of a person's skin, e.g. thickness, moisture, dryness

Biofeedback devices for movement, strength and balance training, see 04 48 24

Personal emergency alarm systems, see 22 27 18

**04 25 Cognitive test and evaluation materials**

Equipment for testing all those functions and activities that are related to logical thinking, intellectual potential and reasoning

Assistive products for vocational assessment and vocational training, see 28 27

04 25 03 *Language test and evaluation materials*

Equipment for testing and evaluating how to use and understand language as a means of communication

04 25 06 *Psychological test and evaluation materials*

Equipment for testing and evaluating behaviour, attitudes and emotional response

**04 26 Assistive products for cognitive therapy**

Devices to assist in cognitive therapy, including doll therapy and memory stimulation therapy to support a person with memory impairment

Included are, e.g. therapeutic robots.

Memory support products, see 22 27 16

**04 27 Stimulators**

Assistive products for increasing, decreasing or stabilizing body functions, through non-orthotic stimulators

Assistive products for sexual activities, see 09 54

Hearing aids used in connection with implants, see 22 06 21

**04 27 06 *Stimulators for pain relief***

Equipment that changes the nerve sensitivity and, therefore, reduces the sensation of physical pain

**04 27 09 *Muscle stimulators not used as orthoses***

Equipment for stimulating a muscle or a particular area of a muscle causing it to contract or relax

Included are, e.g. stimulators to treat incontinence

Upper limb orthoses with built-in muscle stimulators, see 06 06

Lower limb orthoses with built-in muscle stimulators, see 06 12

**04 27 12 *Vibrators***

Devices made to oscillate rapidly that are used in vibratory massage for therapeutic purposes

Included are, e.g. relaxation massage devices, vibrators for loosening mucus in the lungs (percussors).

Devices for sexual activities, orgasm, ejaculation and erection, see 09 54 09

**04 27 15 *Sound stimulators***

Devices to mask the auditory perception of noise produced from within the ear or from external sources

Included are, e.g. tinnitus masks.

Assistive products for hearing, see 22 06

**04 27 18 *Assistive products for stimulating senses and sensibility***

Included are, e.g. tactile stimulators, products for occlusion treatment to cover one eye in order to stimulate the other eye.

**04 27 21 *Assistive products for stimulating cell growth***

Included are, e.g. magnetic field stimulation and electric stimulation of bone growth and tissue growth.

**04 27 24 *Stimulators used in connection with implants***

Devices to assist stimulating implanted receivers

Hearing aids used in connection with implants, see 22 06 21

**04 30 Assistive products for heat treatment or cold treatment**

Devices to produce heat or cold for therapeutic purposes

04 30 03 *Assistive products for heat treatment*

Devices for heating the body or an area of the body for therapeutic purposes

Included are, e.g. IR lamps, preheated cushions.

04 30 06 *Assistive products for cold treatment*

Devices for cooling the body or an area of the body for therapeutic purposes

**04 33 Assistive products intended to manage tissue integrity**

Included are, e.g. products to prevent pressure sores and decubitus ulcers.

Body-worn assistive products for body protection, see 09 06

Pads, cushions and other accessories for assistive products for walking to prevent bruising or skin injury, see 12 07 18

04 33 03 *Seat cushions and underlays for tissue integrity*

Devices for tissue integrity through redistribution of the load on the buttocks

Seat cushions and underlays, see 18 10 06

04 33 04 *Back cushions and back pads for tissue integrity*

Devices for redistribution of the load on vulnerable parts of the back

Back supports, see 18 10 03

04 33 06 *Assistive products for tissue integrity when lying down*

Products intended to redistribute the load on vulnerable parts of the body when lying down and to prevent sores and decubitus ulcers

Mattresses and mattress coverings, see 18 12 18

04 33 09 *Special equipment for tissue integrity*

Equipment for evaluating or warning of excess pressure on parts of the body

Included are, e.g. alarms for skin integrity.

**04 36 Assistive products for perceptual training**

Assistive products for training in the correct acquisition and mental processing of external stimuli (coming from sight, hearing and other senses)

Stimulators, see 04 27

Assistive products for heat or cold treatment, see 04 30

Equipment for movement, strength and balance training, see 04 48

Assistive products for communication therapy and communication training, see 05 03

Assistive products for training in cognitive skills, see 05 12

- 04 36 03 *Assistive products for training in perceptual discrimination and matching*  
Equipment that enables a person to distinguish between, match and categorize external stimuli  
Included are, e.g. vibrating chairs (for training deaf persons).
- 04 36 06 *Assistive products for training in perceptual coordination*  
Equipment for training to improve ability to correctly process and coordinate external stimuli, especially those relating to concepts of space and time, spatial concepts and eye-hand coordination  
Assistive products for training personal mobility, see 05 33 09
- 04 36 09 *Assistive products for training in sensory integration*  
Products for facilitating the coordination and integration of incoming sensory information to the brain from different senses
- 04 45 Assistive products for spinal traction**  
Devices used to produce stretching of the spine
- 04 48 Equipment for movement, strength and balance training**
- 04 48 03 *Exercise and ergometer cycles*  
Stationary cycles for physical exercise  
Included are, e.g. arm ergometer cycles, weight bearing treadmill systems.
- 04 48 07 *Assistive products for exercising gait pattern*  
Stationary equipment for providing support to a person training to improve a gait pattern  
Included are, e.g. parallel bars, weight support treadmill systems.  
Assistive products for training in personal mobility, see 05 33 09  
Assistive products for walking, manipulated by one arm, see 12 03  
Assistive products for walking, manipulated by both arms, see 12 06
- 04 48 12 *Finger and hand exercise devices*  
Equipment for training movement or strengthening the fingers and the hands
- 04 48 15 *Arm exercise devices, trunk exercise devices and leg exercise devices*  
Equipment for training movement and balance or for strengthening the limbs and the trunk  
Included are, e.g. wall bars, trampolines, gymnasium mats, balance boards, equipment that supports aerobic and strength training.
- 04 48 18 *Weighted cuffs*  
Cuffs filled with weighted substances worn on the limbs during exercise to strengthen them or to prevent trembling in limbs
- 04 48 24 *Biofeedback devices for movement, strength and balance training*  
Devices for providing an audible, a visible or a tactile signal in response to a specific physical or physiological action

- 04 48 27 *Assistive products for body positioning during therapy*  
Equipment for supporting a person in the correct position to facilitate therapy and treatment  
Tilting tables, see 05 36 06
- 04 48 30 *Jaw exercise devices*  
Included are, e.g. devices for traction of the jaw.
- 04 49 Wound care products**  
Included are, e.g. assistive products for wound care dressings, wound care absorption, wound care drainage, products for fixation of wound care products.  
Assistive products for tracheostomy care, see 09 15  
Assistive products for ostomy care, see 09 18
- 05 ASSISTIVE PRODUCTS FOR EDUCATION AND FOR TRAINING IN SKILLS**  
Products intended to provide instruction that improves a person's capacity and performance of physical, mental and social activities with the goal of enhancing the person's participation in all relevant domains (such as communication, self-care, mobility, housekeeping, work, education, and recreation)  
Included are, e.g. assistive products used in education/learning.  
Included are, e.g. assessment, test and evaluation materials.  
Devices that have a function other than training, but that may also be used for training, should be included in the class covering its principal function.  
Assistive products for vocational assessment and vocational training, see 28 27
- 05 03 Assistive products for communication therapy and communication training**  
Products for improving communication skills in written and spoken languages  
Assistive products for training in alternative and augmentative communication, see 05 06  
Assistive products for mother tongue training, see 05 18 03  
Assistive products for foreign language training, see 05 18 06  
Assistive products that record, play and display audio and visual information, see 22 18
- 05 03 03 *Assistive products for voice training and speech training*  
Products for training and developing the use of voice and speech, particularly in relation to the production and awareness of sounds  
Included are, e.g. assistive products for training spoken language, S-, F- and Sch-indicators, acoustic spectral analysers.  
Assistive products for mother tongue training, see 05 18 03  
Assistive products for foreign language training, see 05 18 06
- 05 03 06 *Training materials for developing reading skills*  
Products for training and developing reading skills, particularly strategy, approach and performance

Assistive products for mother tongue training, see 05 18 03

Assistive products for foreign language training, see 05 18 06

05 03 09 *Training materials for developing writing skills*

Products for training and developing writing skills, particularly strategy, approach, performance and creativity

Assistive products for training in typing, see 05 30 12

Typewriters, see 22 12 15

**05 06 Assistive products for training in alternative and augmentative communication**

Assistive products for training alternative communication techniques and vocabulary to allow interpersonal communication

Included are, e.g. Braille, sign language, Bliss language.

Assistive products for communication and information management, see 22

05 06 03 *Assistive products for training in finger spelling*

Products for training in, and learning, finger spelling, i.e. tactile communication for deaf blind persons

05 06 06 *Assistive products for training in sign language*

Products for training in, and learning, sign languages, i.e. visual languages for deaf persons

05 06 09 *Assistive products for training in lip-reading*

Products for training in, and learning, lip-reading

Included are, e.g. assistive products for training deaf and hard of hearing persons to understand what other persons say by watching the movement of their lips.

05 06 12 *Assistive products for training in cued speech*

Products for training and learning vocal language supplemented by signing

05 06 15 *Assistive products for Braille training*

Products for training blind persons to read and write using Braille code

05 06 18 *Assistive products for training in tactile symbols excluding Braille*

05 06 21 *Assistive products for training in icons and symbols*

Products for training and learning simplified and formalized pictures that represent a message or information

Included are, e.g. pic-symbols.

05 06 24 *Assistive products for training in Bliss communication*

Products for training and learning communication with Bliss

05 06 27 *Assistive products for training in communication with pictures and drawings*

Products for training and learning communication using pictures and drawings which illustrate the word or sentence to be communicated

Assistive products for drawing and writing, see 22 12

- 05 06 30 *Assistive products for training in Morse communication*  
 Products for teaching the Morse alphabet and training a person to use it  
 Assistive products for alarming, indicating, reminding and signalling, see 22 27
- 05 09 Assistive products for continence training**  
 Devices to train a person to control the bladder and the intestines
- 05 09 03 *Incontinence alarms*  
 Devices that produce a signal when involuntary urination or defecation takes place  
 Muscle stimulators not used as orthoses, see 04 27 09
- 05 12 Assistive products for training in cognitive skills**  
 Assistive products designed to enhance the abilities that underlie reasoning and logical activities, e.g. memory, attention, concentration, conceptual and applied thinking  
 Assistive products for communication and information management, see 22
- 05 12 03 *Assistive products for memory training*
- 05 12 06 *Assistive products for training in sequencing*  
 Products for training a person to put words, actions, numbers, etc. in the correct order
- 05 12 09 *Assistive products for training in attention*  
 Products for developing concentration and other functions of attention
- 05 12 12 *Assistive products for training in concept development*  
 Products for training a person to understand concepts, such as colour, size and shape
- 05 12 15 *Assistive products for training in classification*  
 Products for training a person to group related things together
- 05 12 18 *Assistive products for training in problem solving*
- 05 12 21 *Assistive products for training inductive/deductive reasoning*  
 Products to train logical thinking when drawing conclusions from a set of facts and generalizing and interpreting them
- 05 12 24 *Assistive products for developing understanding of cause and effect*
- 05 15 Assistive products for training in basic skills**  
 Assistive products for training in sensory integration, see 04 36 09
- 05 15 03 *Assistive products for early training in counting*  
 Products designed to assist in the acquisition of the conceptual link between the number of objects, figures and basic arithmetical operations
- 05 15 06 *Assistive products for coding and decoding written language*  
 Products for training in the relationship between letters and their corresponding sounds

Training materials for developing reading skills, see 05 03 06

Training materials for developing writing skills, see 05 03 09

Assistive products for mother tongue training, see 05 18 03

05 15 09 *Assistive products for training in understanding of time*

Products for training in the concept and function of time

Clocks and timepieces, see 22 27 12

05 15 12 *Assistive products for training in understanding of money*

Equipment for training in the basic concept and function of money

05 15 15 *Assistive products for training in understanding measurement of size and capacity*

Products that teach the concepts of mass, volume and length and the application of those concepts to measure objects

Assistive products for weighing and measuring to prepare food and drink, see 15 03 03

Measuring instruments, see 27 06

05 15 18 *Assistive products for training in basic geometric skills*

Products that enable a person to learn the main characteristics of geometric shapes, and to recognize, name and compare shapes

Assistive products for training in mathematics and physical sciences, see 05 18 15

## 05 18 **Assistive products for training in educational subjects**

Included are, e.g. assistive products to enable study and competence acquisition in a range of areas.

Assistive products for vocational assessment and vocational training, see 28 27

05 18 03 *Assistive products for mother tongue training*

Products to assist in educating a person in the ability to speak and understand their native language

Assistive products for voice training and speech training, see 05 03 03

05 18 06 *Assistive products for foreign language training*

Products to assist in educating a person in the ability to speak and understand a language or dialect other than their native language

Assistive products for training in alternative and augmentative communication, see 05 06

Assistive products for voice training and speech training, see 05 03 03

05 18 09 *Assistive products for training in humanities*

Products to assist in educating a person in the humanities such as history, philosophy and literature

Assistive products for training in arts, see 05 24

- 05 18 12 *Assistive products for training in social sciences*  
Products to assist in educating a person in the social sciences such as sociology and psychology
- 05 18 15 *Assistive products for training in mathematics and physical sciences*  
Products to assist in educating a person in mathematics and the natural sciences such as biology, physics and chemistry
- 05 24 Assistive products for training in arts**  
Products for the acquisition and the exercise of functional abilities and tools allowing artistic expression in a range of fields
- Assistive products for recreation and leisure, see 30
- 05 24 03 *Assistive products for training in musical skills*  
Products used for learning about general music theory, how to play a specific instrument and how to sing
- Assistive products for playing and composing music, see 30 12
- 05 24 06 *Assistive products for training in drawing and painting skills*  
Products used for learning about drawing and painting techniques
- Assistive products for drawing and writing, see 22 12
- Handicraft tools, materials and equipment, see 30 18
- 05 24 09 *Assistive products for training in drama and dance*  
Equipment used for learning about acting and dancing techniques
- 05 27 Assistive products for training in social skills**  
Devices and material that enable individuals to learn how to interact with the outside world, both in terms of individual social integration and relationships with others
- 05 27 03 *Assistive products for training in recreational activities*  
Products used to teach a person to take part in leisure activities
- Assistive products for recreation and leisure, see 30
- 05 27 06 *Assistive products for training in social behaviour*  
Products used to teach a person to interact and live in harmony with other individuals
- 05 27 09 *Assistive products for personal safety training*  
Products used to teach a person to identify external dangers and dangerous personal behaviour
- Safety equipment for homes and other premises, see 18 33
- 05 27 12 *Assistive products for travel training*  
Products used to teach a person skills related to travel, e.g. use of public transport, maps, timetables

Assistive products for activities and participation relating to personal mobility and transportation, see 12

Assistive products for orientation, see 12 39

**05 30 Assistive products for training in control of input units and handling products and goods**

Physical test and evaluation materials, see 04 24 18

Assistive products for perceptual training, see 04 36

Equipment for movement, strength and balance training, see 04 48

Input devices for computers, see 22 36

Assistive products for controlling, carrying, moving and handling objects and devices, see 24

05 30 03 *Assistive products for training in mouse control*

05 30 06 *Assistive products for training in joystick control*

Assistive products for training in personal mobility, see 05 33 09

05 30 09 *Assistive products for training in switch control*

05 30 12 *Assistive products for training in typing*

05 30 15 *Assistive products for training in selection techniques*

Assistive products for operating and controlling devices, see 24 09

**05 33 Assistive products for training in daily living activities**

Assistive products for self-care activities and participation in self-care, see 09

05 33 03 *Assistive products for training to use orthoses and prostheses*

Assistive products attached to the body for supporting neuromusculoskeletal or movement related functions (orthoses) and replacing anatomical structures (prostheses), see 06

05 33 06 *Assistive products for training in everyday personal activities*

05 33 09 *Assistive products for training in personal mobility*

Included are, e.g. equipment for training in, for example, walking and using a wheelchair.

Assistive products for activities and participation relating to personal mobility and transportation, see 12

05 33 12 *Assistive products for training in housekeeping*

Assistive products for domestic activities and participation in domestic life, see 15

**05 36 Assistive products for training in changing and maintaining body position**

05 36 03 *Standing frames and supports for standing*

Stationary equipment for providing support to a person for keeping an upright position

05 36 06 *Tilting tables*

Platforms for positioning and supporting a person while progressively moving him/her from a lying position to an upright position so that the body can adapt to functioning in that position

**06 ASSISTIVE PRODUCTS ATTACHED TO THE BODY FOR SUPPORTING NEUROMUSCULOSKELETAL OR MOVEMENT RELATED FUNCTIONS (ORTHOSES) AND REPLACING ANATOMICAL STRUCTURES (PROSTHESES)**

Orthoses are externally applied devices used to modify the structural and functional characteristics of the neuromusculoskeletal systems; prostheses are externally applied devices used to replace, wholly or in part, an absent or deficient body segment

Included are, e.g. body-powered and externally powered external orthoses, prostheses, orthopaedic footwear.

Excluded are endo-prostheses, which are not part of this International Standard.

**06 03 Spinal and cranial orthoses**

Orthoses that are designed to modify the structural and functional characteristics of the neuromusculoskeletal systems of the spine and skull; the device may be custom-fabricated to meet the functional needs of the individual user or prefabricated to meet a particular set of functional requirements; the prefabricated devices may be adjustable to fit an individual user, or they may be ready-to-use so that adjustment is not possible or no adjustment is necessary for any user

06 03 03 *Sacro-iliac orthoses*

Orthoses that encompass whole or part of the sacro-iliac region of the trunk

06 03 06 *Lumbo-sacral orthoses*

Orthoses that encompass the whole or part of the lumbar and sacro-iliac regions of the trunk

06 03 07 *Thoracic orthoses*

Orthoses that encompass the whole or part of the thoracic region of the trunk

06 03 08 *Thoraco-lumbar orthoses*

Orthoses that encompass the whole or part of the thoracic and lumbar regions of the trunk

06 03 09 *Thoraco-lumbo-sacral orthoses*

Orthoses that encompass the whole or part of the thoracic, lumbar and sacro-iliac regions of the trunk

06 03 12 *Cervical orthoses*

Orthoses that encompass the whole or part of the cervical region, including the atlanto-occipital joint

06 03 15 *Cervico-thoracic orthoses*

Orthoses that encompass the whole cervical and thoracic regions, including the atlanto-occipital joint

06 03 18 *Cervico-thoraco-lumbo-sacral orthoses*

Orthoses that encompass the whole cervical, thoracic, lumbar and sacro-iliac regions, including the atlanto-occipital joint

06 03 21 *Cranial orthoses*

Orthoses that encompass the skull (cranium)

06 03 27 *Articulating components for spinal orthoses*

Articulating components of orthoses allow or control the motions of anatomical joints of the spine

Included are, e.g. joints for spinal orthoses.

06 03 30 *Interface components for spinal and cranial orthoses*

Interface components of orthoses are those in direct contact with the user; they transmit the forces between the orthosis and the user which result from its function and may retain the orthosis in place

Included are, e.g. shells, pads, straps.

06 03 33 *Structural components for spinal and cranial orthoses*

Structural components of orthoses connect the articulating and interface components and maintain the alignment of the orthosis

Included are, e.g. uprights, shells.

06 03 36 *Finishing (cosmetic) components for spinal and cranial orthoses*

Cosmetic components are the means of providing shape, colour and texture to orthoses

Included are, e.g. fillers, covers, sleeves.

06 03 39 *Mandibular advancement devices*

Orthoses, worn in the mouth, used to permit changes in the position of the lower mandible relative to the upper jaw

Included are, e.g. mandibular advancement splints (MAS).

**06 04 Abdominal orthoses**

Orthoses that encompass the whole or part of the abdomen

06 04 03 *Abdominal muscle supports*

Devices to support the abdomen

06 04 06 *Abdominal hernia supports*

Devices to support and hold hernia in place

Included are, e.g. hernia straps, girdles, trusses.

06 04 09 *Interface components for abdominal orthoses*

Interface components in direct contact with the user; they transmit the forces between the orthosis and the user which result from its function and may retain the orthosis in place

Included are, e.g. shells, pads, straps.

06 04 12 *Finishing (cosmetic) components for abdominal orthoses*

Cosmetic components are the means of providing shape, colour and texture to orthoses

Included are, e.g. fillers, covers, sleeves.

**06 06 Upper limb orthoses**

Orthoses designed to modify structural and functional characteristics of the neuromusculoskeletal systems of the upper limbs; the devices may be custom fabricated or prefabricated; the prefabricated devices may be adjustable or ready to use

06 06 03 *Finger orthoses*

Orthoses that encompass the whole or part of a finger

06 06 06 *Hand orthoses*

Orthoses that encompass the whole or part of the hand

06 06 07 *Hand-finger orthoses*

Orthoses that encompass the whole or part of the hand and the whole or part of one or more fingers

06 06 12 *Wrist-hand orthoses*

Orthoses that encompass the wrist joint and the whole or part of the hand

06 06 13 *Wrist-hand-finger orthoses*

Orthoses that encompass the wrist joint and the hand and one or more fingers

06 06 15 *Elbow orthoses*

Orthoses that encompass the elbow joint

06 06 19 *Elbow-wrist-hand orthoses*

Orthoses that encompass the elbow and wrist joints and the whole or part of the hand

06 06 20 *Fore-arm orthoses*

Orthoses that encompass the forearm with or without the elbow or wrist joints, i.e. with fracture treatment

06 06 21 *Shoulder orthoses*

Orthoses that encompass the shoulder joint

06 06 24 *Shoulder-elbow orthoses*

Orthoses that encompass the shoulder and elbow joints

06 06 25 *Upper-arm orthoses*

Devices that encompass the upper arm with or without the shoulder or elbow joints, i.e. with treatment of fractures

06 06 30 *Shoulder-elbow-wrist-hand orthoses*

Orthoses that encompass the shoulder, elbow and wrist joints and the whole or part of the hand

06 06 32 *Hand joints and finger joints*

Articulating components of upper limb orthoses to allow or control motion of anatomical hand and finger joints

06 06 33 *Wrist joints*

Articulating components of upper limb orthoses to allow or control motion of the anatomical wrist joint

06 06 36 *Elbow joints*

Articulating components of upper limb orthoses to allow or control motion of the anatomical elbow joint

06 06 39 *Shoulder joints*

Articulating components of upper limb orthoses to allow or control motion of the anatomical shoulder joint

06 06 42 *Interface components for upper limb orthoses*

Interface components in direct contact with the user; they transmit the forces between the orthosis and the user which result from its function and may retain the orthosis in place

Included are, e.g. shells, pads, straps.

06 06 45 *Structural components for upper limb orthoses*

Structural components of orthoses connect the articulating and interface components and maintain the alignment of the orthosis

Included are, e.g. uprights, shells.

06 06 48 *Finishing (cosmetic) components for upper limb orthoses*

Cosmetic components are the means of providing shape, colour and texture to orthoses

Included are, e.g. fillers, covers, sleeves.

**06 12 Lower limb orthoses**

Orthoses designed to modify the structural and functional characteristics of the neuromusculoskeletal systems of the lower limb; the devices may be custom fabricated or prefabricated; the prefabricated devices may be adjustable or ready to use

06 12 03 *Foot orthoses*

Orthoses that encompass the whole or part of the foot

Included are, e.g. orthopaedic shoes, insoles, shoe inserts, pads, arch supports, heel cushions, heel cups, orthopaedic inlays.

Shoes and boots, see 09 03 42

06 12 06 *Ankle-foot orthoses*

- Orthoses that encompass the ankle joint and the whole or part of the foot
- 06 12 09 *Knee orthoses*
- Orthoses that encompass the knee joint
- 06 12 12 *Knee-ankle-foot orthoses*
- Orthoses that encompass the knee and ankle joints and the foot
- 06 12 13 *Lower leg orthoses*
- Orthoses that encompass the lower leg
- 06 12 15 *Hip orthoses*
- Orthoses that encompass the hip joint
- 06 12 16 *Hip-knee orthoses*
- Orthoses that encompass the hip and knee joints
- 06 12 17 *Thigh orthoses*
- Orthoses that encompass the thigh
- 06 12 18 *Hip-knee-ankle-foot orthoses*
- Orthoses that encompass the hip, knee and ankle joints and the foot
- 06 12 19 *(Thoraco-)lumbo-sacral-hip-knee-ankle-foot orthoses*
- Orthoses that encompass the lumbar regions of the trunk, the hip, knee and ankle joints and the foot, with or without the thoracal part of the spine
- 06 12 20 *Foot-toe joints*
- Articulating components of lower limb orthoses to allow or control motion of anatomical foot and toe joints
- 06 12 21 *Ankle joints*
- Articulating components of lower limb orthoses to allow or control motion of the anatomical ankle joint
- 06 12 24 *Knee joints*
- Articulating components of lower limb orthoses to allow or control motion of the anatomical knee joint
- 06 12 27 *Hip joints*
- Articulating components of lower limb orthoses to allow or control motion of the anatomical hip joint
- 06 12 30 *Interface components for lower limb orthoses*
- Interface components in direct contact with the user; they transmit the forces between the orthosis and the user that result from its function and may retain the orthosis in place

Included are, e.g. shells, pads, straps, foot orthoses, shoes.

06 12 33 *Structural components for lower limb orthoses*

Structural components in direct contact the articulating and interface components and maintain the alignment of the orthosis

Included are, e.g. uprights, shells.

06 12 36 *Finishing (cosmetic) components for lower limb orthoses*

Cosmetic components that provide shape, colour and texture to orthoses

Included are, e.g. fillers, covers, sleeves.

**06 15 Functional neuromuscular stimulators and hybrid orthoses**

Devices designed to compensate a loss of motor function by electrical stimulation (FES)

Included are, e.g. functional electrical stimulators, hybrid orthotic systems used in combination with mechanical orthoses in hybrid orthotic systems.

Stimulators (not used as orthoses), see 04 27

**06 18 Upper limb prostheses**

A collection of compatible components that can be integrated to produce a range of different upper limb prostheses

Included are, e.g. cosmetic upper limb prostheses.

06 18 03 *Partial hand prostheses*

Devices that replace part of the upper limb distal to the wrist joint after amputation or, due to congenital limb deficiency

Included are, e.g. finger prostheses.

06 18 06 *Wrist disarticulation prostheses*

Devices that replace part of the upper limb at the wrist joint after amputation or, due to congenital limb deficiency

06 18 09 *Trans-radial prostheses*

Devices that replace part of the upper limb between the wrist and elbow joints after amputation or, due to congenital limb deficiency

06 18 12 *Elbow disarticulation prostheses*

Devices that replace part of the upper limb at the elbow joint after amputation or, due to congenital limb deficiency

06 18 15 *Trans-humeral prostheses*

Devices that replace part of the upper limb between the shoulder and elbow joints after amputation or, due to congenital limb deficiency

06 18 18 *Shoulder disarticulation prostheses*

Devices that replace the upper limb at the shoulder joint after amputation or, due to congenital limb deficiency

- 06 18 21 *Scapulo-thoracic disarticulation prostheses*  
 Devices that replace the upper limb at the scapulo-thoracic and sterno-clavicular joints after amputation or, due to congenital limb deficiency
- 06 18 24 *Prosthetic hands and prosthetic digits*  
 Functional components of upper limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb; prosthetic hands are designed to substitute for some of the functions of the normal hand and can be static, passive, active or combined passive/active; the prosthetic hands can be externally powered or body powered
- 06 18 25 *Split hooks and other terminal devices to employ a pincer action*  
 Functional components of upper limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb like split hooks to employ a pincer action  
 Specialized appliances or tools for prosthetic hands, see 06 18 26
- 06 18 26 *Specialized appliances or tools for prosthetic hands*  
 Functional components of upper limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that perform a wide range of individual functions; the device can be passive, adjustable or active  
 Devices to employ a pincer action, see 06 18 25
- 06 18 30 *Wrist units*  
 Functional components of upper limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that substitute for some of the functions of the normal wrist by means of controlled motions
- 06 18 33 *Elbow units*  
 Functional components of upper limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that substitute for some of the functions of the normal elbow by means of controlled motions
- 06 18 36 *Shoulder units*  
 Functional components of upper limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that substitute for some of the functions of the normal shoulder by means of controlled motions
- 06 18 39 *External (side) joints for upper limb prostheses*  
 Functional components of upper limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that constrain unwanted motion of the human joint(s)  
 Included are, e.g. wrist joints, elbow joints, shoulder joints.
- 06 18 40 *Humeral rotation units*  
 Functional components of upper limb prostheses that substitute for any restriction in the range of internal/external rotation of the shoulder due to the socket of the prosthesis

06 18 41 *Additional flexion units*

Functional components of upper limb prostheses between shoulder and elbow joints in a shoulder disarticulation prosthesis to improve the effective flexion range of the elbow

06 18 42 *Sockets for upper limb prostheses*

Interface components of upper limb prostheses that are in direct contact with the wearer for achieving support, stabilization and suspension; may contain elements which contribute to the activation and/or control of functional components

Included are, e.g. sockets for partial hand amputation, wrist disarticulation, trans-radial (below-elbow) amputation, elbow disarticulation, trans-humeral (above-elbow) amputation, shoulder disarticulation, forequarter amputation.

06 18 45 *Liners for upper limb prostheses*

Interface components of upper limb prostheses that are in direct contact with the wearer for achieving support, stabilization and suspension; may contain elements which contribute to the activation and/or control of functional components

Included are, e.g. liners to be placed in sockets for partial hand amputation, wrist disarticulation, trans-radial (below-elbow) amputation, elbow disarticulation, trans-humeral (above-elbow) amputation, shoulder disarticulation, forequarter amputation.

06 18 48 *Suspensory components*

Suspensory components that are used to maintain the prosthesis relative to the body

Included are, e.g. suspension components for the principal suspension sites, pelvis, trunk, shoulder(s), upper arm, humeral condyles, radial/ulnar styloids.

06 18 51 *Alignment components of upper limb prostheses*

Alignment components that permit changes in the position of the components of a prosthesis relative to one another

Included are, e.g. alignment components that are part of the structure of the prosthesis or can be removed and replaced by another structural component.

06 18 54 *Structural components of upper limb prostheses*

Structural components that connect the interface, functional and alignment components and maintain the integrity of the prosthesis

Included are, e.g. endoskeletal and exoskeletal components for prosthetic construction.

06 18 57 *Finishing (cosmetic) components of upper limb prostheses*

Cosmetic components that simulate the appearance and feel of the normal limb

Included are, e.g. shells, fillers, skins, stockings, gloves.

**06 24 Lower limb prostheses**

A collection of compatible components that can be integrated to produce a range of different lower limb prostheses

Included are, e.g. cosmetic lower limb prostheses.

- 06 24 03 *Partial foot prostheses*
- Devices that replace part of the lower limb distal to the ankle joint after amputation or, due to congenital limb deficiency
- Included are, e.g. toe prostheses.
- 06 24 06 *Ankle disarticulation prostheses*
- Devices that replace part of the lower limb at the ankle joint after amputation or, due to congenital limb deficiency
- 06 24 09 *Trans-tibial prostheses*
- Devices that replace part of the lower limb between the knee joint and the ankle joint after amputation or, due to congenital limb deficiency
- 06 24 12 *Knee disarticulation prostheses*
- Devices that replace part of the lower limb at the knee joint after amputation or, due to congenital limb deficiency
- 06 24 15 *Trans-femoral prostheses*
- Devices that replace part of the lower limb between the hip joint and the knee joint after amputation or, due to congenital limb deficiency
- 06 24 18 *Hip disarticulation prostheses*
- Devices that replace the lower limb at the hip joint after amputation or, due to congenital limb deficiency
- 06 24 21 *Trans-pelvic prostheses*
- Devices that replace the lower limb together with part or all of the hemipelvis after amputation or, due to congenital limb deficiency
- 06 24 27 *Ankle-foot units*
- Functional components of lower limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that substitute for some of the functions of the normal ankle and foot by means of controlled motions
- Included are, e.g. separate ankle units, foot units.
- 06 24 30 *Axial rotators (Torque reducers)*
- Functional components of lower limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that allow transverse plane rotation, thus, reducing the torque submitted
- 06 24 31 *Load attenuators (Shock absorbers)*
- Functional components of lower limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb which reduce the impact load resulting from initial contact by allowing longitudinal motion (shortening)

06 24 32 *Prosthetic turntables*

Functional components of lower limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb; prosthetic units that allow transverse plane rotation of the segment of the prosthesis distal to the turntable; may incorporate a lock which is automatically locked and manually unlocked in the walking position

06 24 33 *Knee units*

Functional components of lower limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that substitute for some of the functions of the normal knee by means of controlled motions

06 24 36 *Hip units*

Functional components of lower limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that substitute for some of the functions of the normal hip by means of controlled motions

06 24 37 *External (side) joints for lower limb prostheses*

Functional components of lower limb prostheses that substitute for some of the dynamic and sensory attributes of the normal limb and that constrain unwanted motion of the human joint(s)

Included are, e.g. hip joints, knee joints, ankle joints.

06 24 40 *Liners for lower limb prostheses*

Interface components of lower limb prostheses for achieving support, stabilization and suspension; may contain elements which contribute to the activation and/or control of functional components

Included are, e.g. prefabricated and custom made liners to be placed in sockets for partial foot amputation, ankle disarticulation, trans-tibial (below knee) amputation, knee disarticulation, trans-femoral (above-knee) amputation, hip disarticulation, trans-pelvic amputation.

06 24 41 *Sockets for lower limb prostheses*

Interface components of lower limb prostheses that are in direct contact with the wearer for achieving support, stabilization and suspension; may contain elements which contribute to the activation and/or control of functional components

Included are, e.g. prefabricated and custom made sockets for partial foot amputation, ankle disarticulation, trans-tibial (below knee) amputation, knee disarticulation, trans-femoral (above-knee) amputation, hip disarticulation, trans-pelvic amputation.

06 24 42 *Suspensory components for lower limb prostheses*

Interface components used to maintain the prosthesis relative to the body

Included are, e.g. suspension components for the principal suspension sites, pelvis, thigh, femoral condyles, and/or malleoli.

- 06 24 45 *Alignment components for lower limb prostheses*  
Alignment components that permit changes in the position of the components of a prosthesis relative to one another  
Included are, e.g. alignment components that are part of the structure of the prosthesis or can be removed and replaced by another structural component.
- 06 24 46 *Structural components for lower limb prostheses*  
Structural components that connect the interface, functional and alignment components and maintain the integrity of the prosthesis  
Included are, e.g. endoskeletal and exoskeletal components for prosthetic construction.
- 06 24 47 *Finishing (cosmetic) components for lower limb prostheses*  
Cosmetic components that simulate the appearance and feel of the normal limb  
Included are, e.g. shells, fillers, skins, stockings, foot covers.
- 06 24 48 *Temporary prostheses for lower limb amputees*  
Devices used for the early mobilization of lower limb amputees prior to the supply of a definitive prosthesis
- 06 30     **Prostheses other than limb prostheses****  
Devices used to replace totally, or in part, the appearance and function of an absent body segment other than limbs
- 06 30 03 *Wigs*  
Devices that substitute for all the hair on a person's head
- 06 30 06 *Hairpieces and toupees*  
Devices that substitute for a part of the hair on a person's head
- 06 30 09 *Eyelashes and eyebrows*  
Devices that substitute for eyelashes or eyebrows
- 06 30 12 *Moustaches and beards*  
Devices that substitute for the moustache or beard
- 06 30 15 *Back fillers*  
Devices that fill in severe curvatures of the back
- 06 30 18 *Mammary prostheses*  
Devices that reproduce the appearance of all or part of the breast
- 06 30 21 *Ocular prostheses*  
Devices that reproduce the appearance of the eye

06 30 24 *Aural prostheses*

Devices that reproduce the appearance of the ears

06 30 27 *Nasal prostheses*

Devices that reproduce the appearance of the nose

06 30 30 *Composite facial prostheses*

Devices that reproduce the appearance of all or a part of the face

Included are, e.g. eye prostheses, ear prostheses, nose prostheses and prostheses combining some or all of these.

06 30 33 *Palate prostheses*

Devices that reproduce the function of the palate

06 30 36 *Dentures*

Devices that reproduce the appearance and the function of the teeth

06 30 39 *Skin-covering agents*

Substances used to cover up blemishes on the skin

**09 ASSISTIVE PRODUCTS FOR SELF-CARE ACTIVITIES AND PARTICIPATION IN SELF-CARE**

Products intended to support daily care of oneself, including washing and drying oneself, caring for one's body and body parts, dressing, and protecting one's body

Included are, e.g. assistive products for dressing and undressing, for body protection, for personal hygiene, for tracheostomy, ostomy and incontinence care and for sexual activities.

Assistive products for eating and drinking, see 15 09

**09 03 Clothes and shoes**

Included are, e.g. clothes and shoes for babies and children.

Assistive products intended to manage tissue integrity, see 04 33

Assistive products for making and maintaining textiles for domestic use, see 15 15

Assistive products for health protection and safety in workplaces, see 28 24

09 03 05 *Outerwear*

Clothing worn outdoors over other clothes to protect a person against cold, wind and all types of precipitation

Included are, e.g. coats for outdoor use; ponchos and wraps.

09 03 09 *Headwear*

Assistive products for head protection, see 09 06 03

09 03 12 *Gloves and mittens*

Assistive products for hand protection, see 09 06 15

- 09 03 15 *Blouses and shirts*
- 09 03 18 *Jackets and trousers*  
Outerwear, see 09 03 05
- 09 03 21 *Skirts and dresses*
- 09 03 24 *Underwear*  
Assistive products for absorbing urine and faeces, see 09 30
- 09 03 27 *Stockings and socks*  
Anti-oedema stockings for arms and legs and other parts of the body, see 04 06 06  
Air-filled garments and compression units for circulation problems, see 04 06 09  
Assistive products for knee or leg protection, see 09 06 18
- 09 03 30 *Nightwear*
- 09 03 33 *Bathing wear*  
Included are, e.g. clothing for hydrotherapy, protective bathing pants.  
Assistive products for absorbing urine and faeces, see 09 30
- 09 03 39 *Bibs and aprons*  
Garments worn over the front of the body to protect clothing or the body from getting soiled
- 09 03 42 *Shoes and boots*  
Included are, e.g. shoes for dedicated use, like sport shoes and inlays.  
Foot orthoses, see 06 12 03  
Assistive products for heel, toe or foot protection, see 09 06 21
- 09 03 45 *Anti-slip assistive products for shoes and boots*  
Devices and materials fixed to footwear to prevent slipping  
Accessories for assistive products for walking, see 12 07
- 09 03 48 *Buttoning devices and fasteners*  
Included are, e.g. zippers, elastic shoelaces, holders for aprons, strips made of nylon fabric that can be fastened to themselves (Velcro strips), other products that can facilitate buttoning or fastening.  
Assistive products for dressing and undressing, see 09 09
- 09 03 51 *Ties with special features to fasten*  
Included are, e.g. neckties, bow-ties.
- 09 06 Body-worn assistive products for body protection**  
Equipment to prevent injury to parts of the body  
Assistive products intended to manage tissue integrity, see 04 33  
Personal protective equipment for workplaces, see 28 24 03

- 09 06 03 *Assistive products for head protection*  
Headwear, see 09 03 09
- 09 06 06 *Assistive products for eye protection or face protection*  
Included are, e.g. moist chambers, watch-glass dressings.  
Protective eyeglasses for light therapy, see 04 09 09
- 09 06 09 *Assistive products for ear protection or hearing protection*  
Assistive products for reducing noise, see 27 03 09
- 09 06 12 *Assistive products for elbow protection or arm protection*  
Pads, cushions and other accessories for assistive products for walking to prevent bruising or skin injury, see 12 07 18
- 09 06 15 *Assistive products for hand protection*  
Included are, e.g. wheelchair gloves.  
Gloves and mittens, see 09 03 12  
Pads, cushions and other accessories for assistive products for walking to prevent bruising or skin injury, see 12 07 18
- 09 06 18 *Assistive products for knee protection or leg protection*  
Included are, e.g. stockings for amputated legs (stump socks).  
Stockings and socks, see 09 03 27
- 09 06 21 *Assistive products for heel protection, toe protection or foot protection*  
Shoes and boots, see 09 03 42
- 09 06 24 *Assistive products for trunk protection or whole-body protection*  
Included are, e.g. trousers and underwear with built-in protection to prevent fracture when falling.
- 09 06 27 *Assistive products for airway protection*  
Devices to protect the respiratory tract from harmful external influences  
Assistive products for tracheostomy care, see 09 15
- 09 07 **Assistive products for body stabilization****  
Included are, e.g. seatbelts, belts, harnesses.  
Seatbelts and harnesses for motor vehicles, see 12 12 09  
Accessories for sitting furniture, see 18 10
- 09 07 03 *Seat belts, belts and harnesses for body stabilization*  
Included are, e.g. occupant restraint systems for wheelchairs.
- 09 07 06 *Positioning pillows, positioning cushions and positioning systems*  
Excluded are, e.g. cushions for respiratory therapy.

Benches and cushions for respiration, see 04 03 24

Seat cushions and underlays, see 18 10 06

Bedding, see 18 12 15

## **09 09 Assistive products for dressing and undressing**

Equipment to assist when putting on or taking off clothes and shoes

Buttoning devices and fasteners, see 09 03 48

Marking materials and marking tools, see 22 27 27

09 09 03 *Assistive products for putting on or removing socks and pantyhose*

Devices to enable a person to put on socks, stockings and tights

09 09 06 *Shoehorns and bootjacks*

Devices to enable a person to put on and take off footwear

09 09 09 *Clothes holders*

Devices to hold clothes in a fixed position while dressing

09 09 12 *Dressing and undressing hooks or sticks*

Devices to fix or grab the clothes while dressing and undressing

09 09 15 *Zipper pullers*

Devices to enable a person to use a zipper

09 09 18 *Button hooks*

Devices to enable a person to button and unbutton clothes and shoes

## **09 12 Assistive products for toileting**

Assistive products for inserting suppositories, see 04 19 30

Assistive products intended to manage tissue integrity, see 04 33

Urine chutes, see 09 24 12

Non-body-worn urinals and urine bottles, see 09 27 09

Bidets, see 09 33 18

Assistive products for lifting persons, see 12 36

Supporting handrails and grab bars, see 18 18

09 12 03 *Commode chairs*

Chairs, with or without castors, with a collection receptacle used for toileting away from the bathroom

Included are, e.g. sanichairs, toilet wheelchairs, commode chairs also used for showering.

09 12 06 *Toilets*

Included are, e.g. raised or height adjustable toilets, toilets with built-in douche and air dryers.

Douches and air dryers for attachment to a toilet, see 09 12 36

09 12 09 *Toilet seats*

Devices attached to the toilet bowl or toilet chair for a person to sit on; they can provide stability and comfort

Body support units for hoists, see 12 36 21

09 12 10 *Toilet splash guards*

Devices to keep bodily substances from splashing outside the toilet bowl

09 12 12 *Raised toilet seats mounted on frame*

Raised toilet seats (separate) standing on floor, where the seat can easily be removed from the toilet bowl

Included are, e.g. over toilet frames.

09 12 15 *Toilet seat inserts*

Raised toilet seats (loose attachments) placed directly on the toilet bowl/toilet seat where the seat insert can easily be removed from the toilet bowl/toilet seat

09 12 18 *Raised toilet seats fixed to toilet*

Devices permanently fixed on to a toilet bowl to increase the height of the seat and to facilitate sitting down upon, and standing up from, the toilet

Included are, e.g. plinths.

09 12 21 *Toilet seats with built-in raising mechanism to assist standing up and sitting down*

Toilet seats that have a built-in lifting mechanism to assist a person to sit down on and get up from the toilet

09 12 24 *Toilet arm supports and toilet back supports mounted on toilet*

Devices mounted on the toilet that provide support getting on or off the toilet

Included are, e.g. body supports mounted on the toilet.

Arm supports, see 18 10 09

09 12 25 *Toilet arm supports and toilet back supports, free-standing*

- 09 12 27 *Toilet paper tongs*  
Devices for holding toilet paper and facilitating bottom wiping
- 09 12 30 *Toilet roll holders*  
Devices for holding toilet paper in an accessible position
- 09 12 33 *Bedpans*  
Containers for collecting bodily waste matter, enabling a person to urinate and defecate while, e.g. in bed
- 09 12 36 *Douches and air dryers for attachment to a toilet*  
Devices attached to a toilet to provide a water spray with or without air blowing afterwards to wash, and possibly dry, a person's bottom while sitting on the toilet  
Included are, e.g. toilet seats with that function.  
Toilets with built-in douche and air dryers, see 09 12 06  
Bidets, see 09 33 18
- 09 12 39 *Wall-mounted urinals*  
Sanitary equipment mounted on the wall to enable a man to urinate in a standing position  
Urine collectors, see 09 27
- 09 12 43 *Transportable hygiene rooms*  
Included are, e.g. transportable toilet booths.
- 09 15 **Assistive products for tracheostomy care****  
Devices used in connection with breathing through an artificial opening in the windpipe after tracheotomy or after removal of the larynx (laryngectomy)  
Assistive products for respiration, see 04 03  
Products for skin protection and skin cleaning, see 09 21  
Snorkels, see 09 33 42  
Assistive products for voice production, see 22 09
- 09 15 03 *Tracheostoma cannulas*  
Tubes that are placed in an opening in the windpipe of a person with a tracheostomy to enable that person to breathe
- 09 15 04 *Lary tubes*  
Tubes that are placed in an opening in the windpipe of a person with a laryngectomy to keep the tracheostoma open
- 09 15 06 *Tracheostoma protectors*  
Devices for protecting an opening in the windpipe of a person from harmful external influences  
Assistive products for airway protection, see 09 06 27

09 15 12 *Accessories for tracheostomy care*

Included are, e.g. lamps, brushes, pressure meters, connectors, filters, belts.

**09 18 Assistive products for ostomy care**

Devices related to the collection of bodily waste matter through an artificial opening in the intestines or the urinary tract (stoma) or through a fistula

Products for skin protection and skin cleaning, see 09 21

Assistive products for collecting urine and faeces, see 09 27

09 18 10 *One-piece effluent systems for ostomy care*

Systems for collecting bodily waste matter through a stoma or fistula consisting of a stoma plate for attachment on the skin around the stoma or fistula which is connected to a bag, which is either closed or drainable

09 18 11 *Plates for two-piece effluent systems for ostomy care*

The components of effluent collection systems that are attached to the skin around the stoma or fistula allowing the attachment or removal of a bag while the component itself remains in position

09 18 16 *Bags for two piece effluent systems for ostomy care*

The components of effluent collection systems that can be removed consisting of a bag, which is either closed or drainable, for collecting bodily waste matter from a stoma or fistula

Included are, e.g. high output bags.

09 18 17 *Additional bags for ostomy care*

Extra bags that can be connected to the bag of a stoma system to have additional capacity for collecting bodily waste

09 18 19 *Assistive products for supporting and holding in place effluent systems for ostomy care*

Products that provide support in order to ensure the correct position of a stoma plate or a stoma bag in case of a parastomal herniation

Included are, e.g. belts.

09 18 20 *Filling products for ostomy care*

Products with the purpose to attach the one-piece effluent systems or the plates of the two-piece effluent systems to the skin, to make even unevenness in the ostomy area, and to prevent leakage

09 18 22 *Assistive product for dilatating stoma*

Products that are used to keep open or widen the opening through which bodily waste is drained from the intestines or the urinary tract

Included are, e.g. dilatators, hegars, Ace stoppers.

09 18 24 *Assistive products for bowel irrigation*

Included are, e.g. products to flush the bowel via a stoma or the rectum.

- 09 18 28 *Assistive products for draining or flushing internal stoma*  
Equipment for draining or flushing an internal stoma  
Included are, e.g. tubes for draining bodily waste from an internal stoma either directly into, e.g. the toilet, or connected to a bag collecting bodily waste.
- 09 18 31 *Assistive products for sealing stoma*  
Devices that protect or plug-up the stoma to protect it from harmful external influences  
Included are, e.g. stoma shields, stoma plugs, special blisters.
- 09 18 48 *Post-operative ostomy bags and accessories*  
Bags and accessories used for post-operative purposes when creating and maintaining a stoma  
Included are, e.g. sterile products.
- 09 18 51 *Accessories for ostomy care*  
Included are, e.g. odour absorbents, pocket supports for ostomy bags, ostomy bag closures, products to condense bodily waste, lubricants, cotton overs.
- 09 21     **Products for skin protection and skin cleaning****  
Products used to protect the skin from injury from a variety of sources, including the use of prostheses and orthoses and the use of adhesives for ostomy care  
     Wound care products, see 04 49  
     Skin-covering agents (cosmetics), see 06 30 39  
     Body-worn assistive products for body protection, see 09 06  
     Assistive products for washing, bathing and showering, see 09 33  
     Devices for grasping, e.g. tweezers, see 24 18 03  
     Personal protective equipment for workplaces, see 28 24 03
- 09 21 03 *Adhesive solvents*  
Substances for removing adhesive materials
- 09 21 06 *Skin detergents*  
Substances for cleaning the skin
- 09 21 09 *Disinfectants*  
Substances for killing germs and bacteria
- 09 21 15 *Sealing materials*  
Substances for completely enclosing an area of the skin
- 09 21 18 *Skin-protective agents*  
Substances that protect the skin

**09 24 Urine diverters**

Devices for draining away urine

Bathing wear, see 09 03 33

Sealing materials, see 09 21 15

09 24 03 *Long-term indwelling catheters*

Tubular devices inserted into the urethra to provide long-term drainage and flushing of the bladder

09 24 06 *Intermittent catheters inserted through the urethra*

Disposable tubular devices inserted into the urethra to provide single drainage and flushing of the bladder

09 24 09 *Penile sheaths*

Soft sheaths that fit over and are fixed to the penis, through which urine is drained through outlet tube that can be connected to urine collection bags

Included are, e.g. uridoms.

09 24 12 *Urine chutes*

Devices to direct urine from the body into, e.g. a toilet; can be used when standing

09 24 15 *Body-worn urinals for women*

Non-body-worn urinals and urine bottles, see 09 27 09

09 24 18 *Assistive products for self-catheterization*

Included are, e.g. mirrors, labial spreaders, knee-spreading devices, ergo-hand insertion aids, cath-hand, penis support.

09 24 21 *Body-worn urinals for men*

Products that are worn around the penis and held firmly on the pubis by belt and straps around the waist and coupled to a urinary drainage bag

**09 27 Assistive products for collecting urine and faeces**

Included are, e.g. connecting units (tubes, connectors, valves).

09 27 04 *Closed-ended urine collection bags*

Flexible containers for collecting urine without an opening for drainage of the contents

09 27 05 *Open-ended urine collection bags*

Flexible containers for collecting urine with an opening for drainage of the contents

09 27 09 *Non-body-worn urinals and urine bottles*

Bedpans, see 09 12 33

Body-worn urinals for women, see 09 24 15

Body-worn urinals for men, see 09 24 21

- 09 27 13 *Suspenders and fastening devices for urine collectors*  
Devices for securing a collection bag to the body, mobile pole, chair, wheelchair, bed, etc.
- 09 27 18 *Urine collection systems*  
Products that include all of the components and attachments required for collection of urine
- 09 27 21 *Faeces collection bags*  
Body-worn flexible containers for collecting faeces from the rectum
- 09 30 **Assistive products for absorbing urine and faeces****  
Devices used for absorbing discharge of urine from the bladder and faecal matter from the rectum
- Bathing wear, see 09 03 33
- Bedding, see 18 12 15
- 09 30 12 *Single-use incontinence products for children*  
Absorbent pads especially designed for children that are held in place by close-fitting underwear or stretch mesh briefs; also known as liners or shields  
Included are, e.g. disposable diapers.
- 09 30 15 *Washable incontinence products for children*  
Single-piece garments that can be washed and reused, similar to boy's briefs or girl's panties, that have padding or other material to absorb moisture, e.g. from urine
- 09 30 18 *Single-use inserts for adults*  
Absorbent pads that are held in place by close-fitting underwear or stretch mesh briefs; also known as liners or shields
- 09 30 21 *Single-use diapers for adults*  
Assistive products that are adult-size versions of babies' diapers; they usually have elastic waist and legs and self-adhesive tabs; also known as all-in-ones, nappies or briefs
- 09 30 24 *Single-use protective or disposable underwear for adults*  
Assistive products similar to trainer pants for children; also known as pull-ons or pull-ups
- 09 30 27 *Single-use incontinence products preformed for men*  
Assistive products for men with incontinence, designed to fit around the penis and sometimes the scrotum; also known as shields, guards or leaves
- Penile sheaths, see 09 24 09
- Body-worn urinals for men, see 09 24 21
- 09 30 30 *Single-use incontinence products without barrier to liquid, for adults*  
Assistive products that require fixation with a plastic backing

- 09 30 33 *Single-use products for faecal incontinence, for adults*  
Assistive products especially designed to collect faecal material
- 09 30 36 *Washable incontinence pants for adults*  
Single-piece garments that can be washed and reused, similar to men's briefs or women's panties, that have padding or other material to absorb moisture, such as urine
- 09 30 39 *Assistive products for fixation of body-worn products for absorbing urine and faeces*  
Included are, e.g. washable products, products for single use.
- 09 30 42 *Non-body-worn single-use products for absorbing urine and faeces*  
Included are, e.g. single-use hygienic underpads.  
Mattresses and mattress coverings, see 18 12 18
- 09 30 45 *Non-body-worn washable products for absorbing urine and faeces*  
Included are, e.g. washable hygienic underpads.  
Mattresses and mattress coverings, see 18 12 18
- 09 31 Assistive products to prevent involuntary urine or faeces leakage**
- 09 31 03 *Assistive products to prevent involuntary urine leakage*  
Assistive products that prevent urine from coming out involuntarily  
Included are, e.g. urethra plugs, vaginal bows, penis clamps, inflatable balloons to pinch off the urethra, pessaries.
- 09 31 06 *Assistive products to prevent involuntary faeces leakage*  
Assistive products that prevent faeces from coming out involuntarily  
Included are, e.g. anal tampons, anal plugs.
- 09 32 Assistive products for management of menstruation**  
Assistive products to manage menstrual flow
- 09 33 Assistive products for washing, bathing and showering**  
Assistive products for toileting, see 09 12  
Assistive products for changing body position, see 12 31  
Assistive products for lifting persons, see 12 36  
Supporting handrails and grab bars, see 18 18  
Plumbing fittings and taps, see 18 24 03  
Grip adapters and attachments, see 24 18 06
- 09 33 04 *Bath boards*  
Bathtub shelves, see 09 33 24
- 09 33 05 *Bath seats*

- 09 33 06 *Non-slip bath mats, non-slip shower mats and non-slip tapes*  
Materials for preventing a person from slipping while in the bath, bathroom or shower  
Non-slip materials for floors and stairs, see 18 33 03
- 09 33 07 *Shower chairs with and without wheels*  
Devices for supporting sitting during showering  
Included are, e.g. shower stools.  
Commode chairs, see 09 12 03
- 09 33 08 *Back supports for bath or shower*  
Included are, e.g. back support cushions.
- 09 33 09 *Showers and shower units*  
Included are, e.g. shower doors, shower curtains, equipment and fixtures for adjusting the position of the showerhead.
- 09 33 12 *Bathing stretchers, shower tables and diaper-changing tables*  
Stationary or portable tables on which a person lies during bathing, showering or nappy changing  
Body support units for hoists, see 12 36 21
- 09 33 15 *Wash basins*  
Stationary or portable basins for water used when washing parts of the body  
Height-adjustable plinths and brackets, see 18 15 06
- 09 33 18 *Bidets*  
Stationary or portable basins primarily intended for washing genitals and bottom  
Toilets, see 09 12 06  
Douches and air dryers for attachment to a toilet, see 09 12 36
- 09 33 21 *Bathtubs*  
Also known as baths  
Included are, e.g. portable and folding bathtubs.
- 09 33 24 *Bathtub shelves*  
Devices placed across the bath for holding required objects or materials; also known as bath shelves
- 09 33 27 *Assistive products for reducing length or depth of a bathtub*  
Devices or materials placed inside a bath to reduce its length or depth
- 09 33 30 *Washcloths, sponges and brushes with holder, handle or grip*  
Devices used for washing or scrubbing the body

09 33 33 *Soap holders and soap dispensers*

Devices for holding or dispensing soap or detergents

09 33 36 *Assistive products for drying oneself*

Devices and materials for enabling a person to dry his/her own body

Toilets, see 09 12 06

Douches and air dryers for attachment to a toilet, see 09 12 36

Hair dryers, see 09 39 09

09 33 39 *Assistive products for floating*

Devices for assisting a person to float while bathing or swimming

Included are, e.g. swimming floats, bathing neck collars, inflatable bathing caps.

Assistive products for swimming and water sports, see 30 09 33

09 33 42 *Snorkels*

Devices that allow a person to breath air from below water level while bathing or swimming

09 33 45 *Bath thermometers*

Instruments for measuring bath water temperature

## **09 36 Assistive products for manicure and pedicure**

Devices to assist in the care of hands, fingernails, feet, toes and toenails

Devices for grasping, e.g. tweezers, see 24 18 03

09 36 03 *Nail brushes*

Devices for scrubbing, cleaning and polishing nails

Assistive products to assist or replace arm function, hand function, finger function or combination of these functions, see 24 18

09 36 06 *Nail files and emery boards*

Devices for filing nails

Assistive products to assist or replace arm function, hand function, finger function or combination of these functions, see 24 18

09 36 09 *Nail scissors and nail clippers*

Devices for cutting or shortening nails

09 36 12 *Callous smoothers*

- 09 39 Assistive products for hair care**  
 Devices for washing and styling hair
- 09 39 03 *Assistive products for shampooing*  
 Devices for washing hair
- 09 39 06 *Combs and hairbrushes*  
 Devices for grooming hair  
 Assistive products to assist or replace arm function, hand function, finger function or combination of these functions, see 24 18
- 09 39 09 *Hair dryers*  
 Devices for drying and styling the hair  
 Assistive products to assist or replace arm function, hand function, finger function or combination of these functions, see 24 18
- 09 42 Assistive products for dental care**  
 Tube-squeezing devices, see 24 06 06
- 09 42 03 *Unpowered toothbrushes*  
 Assistive products to assist or replace arm function, hand function, finger function or combination of these functions, see 24 18
- 09 42 06 *Powered toothbrushes*  
 Included are, e.g. oral irrigation systems.
- 09 45 Assistive products for facial care**  
 Devices used to assist when applying cosmetics or skin care products to the face or to perform other types of facial grooming  
 Products for skin protection and skin cleaning, see 09 21
- 09 45 03 *Shaving brushes, razors and (electric) shavers*  
 Assistive products to assist or replace arm function, hand function, finger function or combination of these functions, see 24 18
- 09 45 06 *Assistive products for application of facial products*  
 Devices that are used to apply such products as make-up, lotion and facial cream
- 09 45 09 *Mirrors for facial care*
- 09 54 Assistive products for sexual activities**  
 Devices for training and assisting during sexual activities  
 Showers and shower units, see 09 33 09  
 Back supports, see 18 10 03  
 Seat cushions and underlays, see 18 10 06  
 Beds and bed equipment, see 18 12

09 54 03 *Dummies for sexual activities*

Imitations for training and assisting during sexual activities

Included are, e.g. penis, vagina and whole-body (inflatable love doll) dummies.

09 54 06 *Assistive products for erection*

Vibrators and massage devices, see 09 54 09

09 54 09 *Vibrators and massage devices for sexual activity*

Devices for sexual activities, orgasm, ejaculation and erection

09 54 12 *Assistive products for sexual habilitation and rehabilitation*

Included are, e.g. devices for awareness of erogenous zones and own sexuality.

**12 ASSISTIVE PRODUCTS FOR ACTIVITIES AND PARTICIPATION RELATING TO PERSONAL MOBILITY AND TRANSPORTATION**

Products intended to support or replace a person's capacity to move indoors and outdoors, to transfer from one place to another or to use personal or public transportation

Assistive products attached to the body for supporting movement functions (orthoses) and replacing anatomical structures (prostheses), see 06

Furnishings, fixtures and other assistive products for supporting activities in indoor and outdoor human-made environments, see 18

Assistive products for controlling, carrying, moving and handling objects and devices, see 24

Assistive products for transporting objects in workplaces, see 28 06

**12 03 Assistive products for walking, manipulated by one arm**

Devices supporting the user when walking, used singly or in pairs, each manipulated by one of the arms or hands

Accessories for assistive products for walking, see 12 07

12 03 03 *Walking sticks and canes*

Hand-held devices providing support and balance when walking, comprising handgrip without a forearm support, shaft and one tip

Multi-tip walking sticks and canes, see 12 03 16

Tactile sticks or white canes, see 12 39 03

12 03 06 *Elbow crutches*

Hand-held devices providing support and balance when walking, comprising elbow support, shaft, handgrip and tip(s)

- 12 03 09 *Forearm crutches*  
Hand-held devices providing support and balance when walking, comprising horizontal support for the forearm, hand grip, shaft and one tip
- 12 03 12 *Axillary crutches*  
Hand-held devices providing support and balance when walking, comprising axilla support, shaft, handgrip and tip(s)
- 12 03 16 *Multi-tip walking sticks and canes*  
Walking devices providing support and balance which have a handgrip, shaft and three or more tips  
Walking sticks and canes with a single tip, see 12 03 03  
Elbow crutches with three or more tips, see 12 03 06  
Tactile sticks or white canes, see 12 39 03
- 12 03 18 *Walking sticks and canes with seat*  
Devices providing support when walking that have a hand grip without a forearm support, a single shaft, one or more tips (ferrules) and a seat, usually folding, attached to the hand grip or shaft
- 12 03 21 *Lateral support frames*  
Walking frames for stabilization that are manipulated with one arm and held at the side of the body; they have four legs with tips (ferrules), one or two handles  
Walking frames, see 12 06 03
- 12 06 Assistive products for walking, manipulated by both arms**  
Devices supporting the user when walking, manipulated by either both arms or the upper body  
Accessories for assistive products for walking, see 12 07  
Trolleys, see 24 36 12
- 12 06 03 *Walking frames*  
Frames which a person lifts to move, that enable maintenance of stability and balance and support of body weight while walking or standing; with hand grips, without forearm support and with either four tips or two tips and two castors  
Included are, e.g. rigid or articulated walking frames, assistive products for walking with two castors in combination with two rubber stick buffers/tips.  
Lateral support frames, see 12 03 21
- 12 06 06 *Rollators*  
Walking devices which can be moved by pushing or pulling, that enable a person to maintain stability and balance while walking, and have hand grips and three or more wheels  
Included are, e.g. rollators with a seat for resting, knee walkers, reverse rollators that are pulled with the opening in the front, walking trolleys.  
Walking frames, see 12 06 03

- 12 06 09 *Walking chairs*  
Devices with wheels and seat or sling that support the body when walking, with or without forearm support  
Included are, e.g. walking bicycles.  
Unpowered scooters propelled by pushing with one foot, see 12 18 12
- 12 06 12 *Walking tables*  
Devices with wheels and tips and a supporting table or forearm support, pushed forward by both arms, possibly in combination with the upper body
- 12 07 Accessories for assistive products for walking**  
Devices designed for use with assistive products for walking with a specific purpose
- 12 07 05 *Tips for assistive products for walking*  
Products that fit over the bottom of walking sticks, canes or crutches or the ends of walking frame or rollator legs to enhance the stability of the assistive product for walking  
Included are, e.g. tips with additional anti-slip material, tips for walking on ice, flexible tips.
- 12 07 12 *Products to properly grip assistive products for walking*  
Devices that enable a person to grasp securely a walking stick, cane, crutch, walking frame or rollator  
Included are, e.g. adjusted grips, grips with anti-slip material, grips of special material such as foam.  
Grip adapters and attachments, see 24 18 06
- 12 07 15 *Accessories for assistive products for walking to provide support for specific body parts*  
Products attached to an assistive product for walking that support specific body parts so that the user remains properly positioned while the product is in use  
Included are, e.g. underarm supports, back supports, head supports, safety belts.  
Assistive products for body stabilization, see 09 07
- 12 07 18 *Pads, cushions and other accessories for assistive products for walking to prevent bruising or skin injury*  
Products that can be added to walking sticks, canes, crutches, walking frames, rollators and walking tables to protect the user from bruising or skin injury caused by repeated contact with a specific part of the assistive product for walking  
Body-worn assistive products for body protection, see 09 06
- 12 07 21 *Seats for assistive products for walking*  
Seats that can be added to canes, walking frames, rollators and walking tables that can support the weight of the person using the assistive product for walking  
Included are, e.g. foldable and non-foldable solid seats for rollators, sling seats for rollators and walking tables.

- 12 07 24 *Accessories attached to assistive products for walking to hold or carry objects*  
Included are, e.g. baskets, pouches, hooks, lay trays, tables, bags, holders for oxygen units, holders for umbrellas, holders for walking frames and rollators to carry walking sticks, canes or crutches.  
Suspenders and fastening devices for urine collectors, see 09 27 13
- 12 07 27 *Products to hold assistive products for walking in place when not in use*  
Devices to fix in place a walking stick, cane, crutch or walking frame or to park a rollator  
Included are, e.g. walking stick holders or cane holders attached to a table and parking brakes.  
Devices attached to wheelchairs to hold or carry objects, see 12 24 42
- 12 07 30 *Accessories to enable a person to maneuver assistive products for walking*  
Products added to assistive products for walking to enable the user to go in a desired direction and to control speed  
Included are, e.g. push bars, anti-swivelling wheels, devices to overcome thresholds and curbs, continuous brakes.
- 12 07 33 *Accessories to adjust height of rollators and walking frames*  
Devices that can be added or attached to a rollator or walking frame to increase the height of assistive products for walking
- 12 07 36 *Lights and safety signalling devices for assistive products for walking*  
Devices that can be attached to an assistive product for walking to illuminate its surroundings or to mark its position  
Included are, e.g. reflectors.
- 12 07 39 *Tyres and wheels for assistive products for walking*  
Wheels that can be added to a walking frame with two wheels or a rollator to replace existing wheels, or wheels that can be attached to a walking frame on legs not originally equipped with wheels  
Included are, e.g. wheels that include a portion of the leg of a walking frame or rollator.
- 12 10 Cars, vans and trucks**  
Automobiles, vans and trucks for personal use and vans for use in public transportation that are manufactured to accommodate operators or passengers with disability  
Carts, trucks and lorries for workplaces, see 28 06 04  
Assistive products for camping and caravanning, see 30 27
- 12 10 03 *Cars, vans and trucks with height-adjustable chassis*  
Cars, vans and trucks that enable drivers or passengers to enter and exit by lowering the vehicle's chassis to bring the floor of the vehicle to ground level

12 10 06 *Low-speed cars*

Motorized vehicles with a restricted maximum speed for use on public roads; used in some countries to allow a person to drive without a driver's licence

12 10 09 *Cars, vans and trucks with raised roof*

Cars, vans and trucks that are originally equipped with a high roof to accommodate a person in a wheelchair inside of the vehicle

**12 11 Mass transit vehicles**

Vehicles intended to transport groups of people as part of a public or commercial transit system

Included are, e.g. buses, rail cars, airplanes, trams.

Assistive products for transporting objects in workplaces, see 28 06

12 11 03 *Buses with height-adjustable chassis*

Buses that enable passengers to enter and exit by lowering the vehicle's chassis to bring the floor of the vehicle to ground level

12 11 06 *Trains with low floors*

Train cars that have a lowered floor to facilitate entry and exit of the train with or without the use of a ramp

Included are, e.g. subway cars, trams.

**12 12 Vehicle accessories and vehicle adaptations**

Products that can be added to vehicles or modifications made to vehicles that either enable the vehicle to be operated by persons with disability or permit persons with disability to enter, exit or ride in the vehicle safely

Car trailers, see 24 36 18

Assistive products for camping and caravanning, see 30 27

12 12 04 *Vehicle accessories and vehicle adaptations to control speed*

Products and modifications that can be added to a motor vehicle that assist the operator to vary the speed of the vehicle

Included are, e.g. products relating to use of the accelerator, clutch and gearshift.

12 12 05 *Vehicle accessories and vehicle adaptations to control brake and engage or disengage parking brake*

Products and modifications that can be added to a motor vehicle that assist the operator to slow or stop the vehicle

12 12 07 *Vehicle accessories and vehicle adaptations to operate steering system*

Products and modifications that can be added to a motor vehicle that assist the operator to maneuver a vehicle

Included are, e.g. steering-wheel knobs, servosystems for steering, extensions of the steering column.

- 12 12 08 *Accessories and adaptations to complementary functions necessary to operate vehicles*  
Included are, e.g. products relating to the use of adjustable mirrors, door locks, windscreen wipers, indicators, turn signals, lights.  
Signalling devices, see 22 27 04
- 12 12 09 *Seat belts and harnesses for motor vehicles*  
Devices for restraining a person in a vehicle to enhance safety during travel  
Included are, e.g. three- and four-point seat belts and belt vests added to a vehicle's seat, seat belts that attach to a vehicle to restrain a passenger who is seated in a wheelchair within the vehicle.  
Seat belts, belts and harnesses for body stabilization, see 09 07 03
- 12 12 12 *Seats and cushions for motor vehicles and accessories and adaptations relating to seating in vehicles*  
Devices designed either to enable a person to get into or out of a seat in a motor vehicle, or for supporting a person who is seated during travel  
Included are, e.g. child safety seats, swivelling seats, elevating seats, sliding seats.
- 12 12 15 *Hoists to transfer person into or out of vehicles without wheelchair*  
Equipment installed in a vehicle for lifting a person into or out of a vehicle  
Assistive products for changing body position, see 12 31  
Assistive products for lifting persons, see 12 36  
Removable grab rails and handgrips, see 18 18 10
- 12 12 18 *Assistive products for transferring person seated in wheelchair into or out of vehicles*  
Devices for lifting a person and a wheelchair in which he/she is seated into or out of a vehicle or to allow a person in a wheelchair to roll into a vehicle  
Included are, e.g. hoists to transfer a person in a wheelchair into or out of a vehicle, ramps installed in a vehicle to facilitate the loading or unloading of an occupied wheelchair, lifting platforms installed in a vehicle to facilitate the loading or unloading of an occupied wheelchair.  
Cars, vans and trucks with height-adjustable chassis, see 12 10 03  
Portable ramps, see 18 30 15
- 12 12 21 *Assistive products for loading unoccupied wheelchairs onto or into vehicles*  
Devices for lifting and positioning an unoccupied wheelchair onto or inside a vehicle  
Included are, e.g. car hoist for wheelchair.
- 12 12 24 *Assistive products for fastening wheelchairs in vehicles*  
Devices for securing a wheelchair in a vehicle  
Included are, e.g. wheelchair tie-downs.
- 12 12 27 *Vehicle chassis and body adaptations*  
Modifications to a vehicle's chassis, frame or other systems to increase its accessibility, usability or comfort for an operator or a passenger with a disability

Included are, e.g. raised roofs, enlarged windows, suspension systems.

12 12 30 *Products to carry unoccupied wheelchairs on vehicles or trailers to carry wheelchairs behind vehicles*

Racks or frames that can be mounted on the roof or the back of a vehicle to transport an unoccupied wheelchair or trailers that can be attached to the rear of a vehicle that are specifically designed to transport one or more wheelchairs

Included are, e.g. products to transport scooters.

Car trailers, see 24 36 18

## 12 16 **Mopeds and motorcycles**

Stand-on motorized vehicles, see 12 17 06

12 16 03 *Two-wheeled mopeds and motorcycles*

12 16 06 *Three-wheeled mopeds and motorcycles*

## 12 17 **Diverse motorized vehicles**

Included are, e.g. stand-on mobility devices, snowmobiles, snow scooters, all-terrain vehicles, go-carts.

Low-speed cars, see 12 10 06

Diverse human powered vehicles, see 12 27

12 17 03 *Powered stair-climbing transporters*

Powered devices, operated by an attendant and not attached or connected to the stairs or the walls or ceiling adjacent to a stairway, intended to transport a person by climbing up or down stairs

Included are, e.g. powered emergency evacuation carriers.

Stair-climbing powered wheelchairs, see 12 23 15

Devices to which a wheelchair is attached that facilitate movement up and down stairs, see 12 24 39

Assistive products for vertical accessibility, see 18 30

12 17 06 *Stand-on motorized vehicles*

Vehicles that are driven by the user standing on them; they have two or more wheels, handlebar and a base to stand on and may have a small seat for resting

Mopeds and motorcycles, see 12 16

12 17 09 *Diverse four-wheeled motorized vehicles*

Included are, e.g. all-terrain vehicles, four wheelers, snowmobiles, snow scooters, go-carts.

## 12 18 **Cycles**

Included are, e.g. power-assisted cycles.

12 18 04 *Foot-propelled bicycles*

Pedal-propelled, two-wheeled cycles for one person

- 12 18 05 *Hand-propelled bicycles*  
Hand-propelled, two-wheeled cycles for one person
- 12 18 06 *Foot-propelled tricycles and quadricycles*  
Cycles with three or more wheels for one person, pedal propelled  
Included are, e.g. carrier cycles.
- 12 18 09 *Hand-propelled tricycles and quadricycles*  
Hand-propelled cycles with three or four wheels
- 12 18 12 *Unpowered scooters propelled by pushing with one foot*  
Devices consisting of a footboard with wheels and a steering handle, foot-propelled
- 12 18 15 *Tandems, tricycles and four-wheeled cycles for two or more persons*  
Devices with two or more seats to allow riding for more than one person, pedal-propelled
- 12 18 21 *Cycle adaptations*  
Additions or changes made to cycles to facilitate their operation  
Included are, e.g. additional motors, trainer wheels.
- 12 22 Manual wheelchairs**  
Devices providing wheeled mobility with a seating support system for a person with limitation in mobility and that rely on an occupant or an assistant to provide power for the operation  
Included are, e.g. stand-up manual wheelchairs (wheelchairs that enable a person to raise and maintain a standing position), reclining manual wheelchairs, snow wheelchairs, beach wheelchairs, wheelchairs for use in a pool, wheelchair underframes.  
Commode chairs with castors, see 09 12 03  
Shower chairs with and without wheels, see 09 33 07  
Rollators, see 12 06 06  
Walking chairs, see 12 06 09  
Transportation chairs, see 12 27 04
- 12 22 03 *Bimanual handrim-drive wheelchairs*  
Wheelchairs designed to be propelled and steered by the occupant, by pushing with both hands, on the wheels or on the handrims of the wheels  
Included are, e.g. front-drive wheels, rear-drive wheels wheelchairs.
- 12 22 06 *Bimanual lever-drive wheelchairs*  
Wheelchairs designed to be propelled and steered by the occupant using two-hand operated levers

12 22 09 *Single-side manual drive wheelchairs*

Wheelchairs designed to be propelled by the occupant using only one hand

Included are, e.g. one-hand lever-drive wheelchairs, one handrim-drive wheelchairs.

12 22 12 *Handrim-activated power-assisted wheelchairs*

Occupant operated wheelchairs with a combination of human power and electrical power, where the activation of the electrical power is through application of a torque, displacement or force to the handrim or handrims

Propulsion units for manual wheelchairs, see 12 24 09

12 22 15 *Foot-propelled wheelchairs*

Wheelchairs designed to be propelled and steered by contact of the occupant's foot or feet with the floor

Walking chairs, see 12 06 09

Sitting furniture, see 18 09

12 22 18 *Push wheelchairs*

Manual wheelchairs intended to be pushed and steered by an assistant, by pushing with both hands on the push handles of the wheelchair

Transportation chairs, see 12 27 04

12 22 21 *Power-assisted push wheelchairs*

Wheelchairs designed to be propelled and steered by an assistant by pushing with both hands on the push handles of the wheelchair, with one or two electric mechanisms to help rotate one or both of the wheels

**12 23 Powered wheelchairs**

Devices with powered propulsion, intended to provide wheeled mobility with a seating support system for a person with limitation in mobility; the motor power is derived from an integral source of electric or combustion power

Included are, e.g. stand-up powered wheelchairs (wheelchairs that are capable of raising and maintaining a person in a standing position), reclining powered wheelchairs, wheelchairs with elevating or tilt-in-space seats, snow wheelchairs, beach wheelchairs, wheelchair underframes.

12 23 03 *Electrically powered wheelchairs with manual direct steering*

Wheelchairs powered by electricity, with control of direction (steering) by mechanically changing the orientation of the pivot drive wheel(s) without powered assistance

Included are, e.g. scooters.

12 23 06 *Electrically powered wheelchairs with electronic steering*

Electrically powered wheelchairs activated with an electronic controller by the occupant

Included are, e.g. self-balancing wheelchairs.

Assistant-controlled electrically powered wheelchairs, see 12 23 12

- 12 23 09 *Combustion powered wheelchairs*  
Wheelchairs powered by a combustion engine
- 12 23 12 *Assistant-controlled electrically powered wheelchairs*  
Electrically powered wheelchairs manoeuvred by an assistant with an electronic controller  
Push wheelchairs, see 12 22 18
- 12 23 15 *Stair-climbing powered wheelchairs*  
Electrically powered wheelchairs that can safely climb and descend stairs while occupied and operated by the occupant  
Powered stair-climbing transporters, see 12 17 03
- 12 24 Wheelchair accessories**  
Devices related to the use of wheelchairs
- Non-body-worn single-use products for absorbing urine and faeces, see 09 30 42
  - Non-body-worn washable products for absorbing urine and faeces, see 09 30 45
  - Assistive products for transferring person seated in wheelchair into or out of vehicles, see 12 12 18
  - Assistive products for loading unoccupied wheelchairs onto or into vehicles, see 12 12 21
  - Equipment for fastening wheelchairs in vehicles, see 12 12 24
  - Powered stair-climbing transporters, see 12 17 03
  - Accessories for sitting furniture, see 18 10
- 12 24 03 *Steering and control systems for wheelchairs*  
Devices for controlling a wheelchair's movements and its direction of travel
- 12 24 09 *Propulsion units for manual wheelchairs*  
Devices that are added to a manual wheelchair to enable the user or assistant to move the wheelchair or to propel the wheelchair without human assistance  
Handrim-activated power-assisted wheelchairs, see 12 22 12
- 12 24 11 *Half-handbikes*  
Devices added to a manual wheelchair to transform it into a handbike, hand-propelled  
Hand-propelled tricycles and quadricycles, see 12 18 09
- 12 24 12 *Lights and safety signalling devices for wheelchairs*  
Devices that can be attached to a wheelchair to illuminate the wheelchair's surroundings or to mark the position of the wheelchair  
Included are, e.g. wheelchair safety flags, reflectors.

- 12 24 18 *Running or parking brakes for wheelchairs*  
Devices for slowing down or stopping a wheelchair or holding it in a fixed position
- 12 24 21 *Tyres, wheels and castors for wheelchairs*  
Included are, e.g. snow runners, hub caps.
- 12 24 24 *Batteries and battery chargers for wheelchairs*  
Devices to supply electric power to a wheelchair
- 12 24 28 *Devices for cleaning wheelchairs or any part of wheelchairs*  
Included are, e.g. wheelchair cleaning systems, brushes for wheelchair tires.
- 12 24 34 *Devices to protect wheelchairs and their occupants from sunlight or precipitation*  
Included are, e.g. umbrellas and canopies for wheelchairs.
- 12 24 36 *Devices to connect a wheelchair to a bicycle*
- 12 24 39 *Devices to which a wheelchair is attached that facilitate movement up and down stairs*  
Carts and other types of vehicles, manually or electrically powered, to which a wheelchair can be securely fastened that allow the wheelchair, while occupied, to climb and descend stairs safely  
  
Powered stair-climbing transporters, see 12 17 03  
Stair-climbing powered wheelchairs, see 12 23 15  
Assistive products for vertical accessibility, see 18 30
- 12 24 42 *Devices attached to wheelchairs to hold or carry objects*  
Products that are fixed to a wheelchair to carry one or more objects  
Included are, e.g. pouches, baskets and cases that are attached to a wheelchair, cane and crutch holders, walker carriers.  
  
Foot-propelled tricycles and quadricycles, see 12 18 06  
Assistive products for transport for use with bicycles or wheelchairs, see 24 36 15
- 12 24 45 *Devices to check surroundings of wheelchairs*  
Included are, e.g. rear view mirrors, cameras.
- 12 27 Diverse human powered vehicles**  
  
Diverse motorized vehicles, see 12 17  
Cycles, see 12 18  
Manual wheelchairs, see 12 22  
Powered wheelchairs, see 12 23
- 12 27 04 *Transportation chairs*  
Devices for short distance transportation of a person in a sitting position, propelled and controlled by an assistant  
Included are, e.g. emergency evacuation chairs, transport chairs adapted for climbing or descending stairs.

Push wheelchairs, see 12 22 18

12 27 07 *Prams and buggies*

Wheeled devices for carrying one or more person(s) in a lying or sitting position, designed to be propelled and steered by an assistant

Included are, e.g. prams and buggies for adults.

12 27 10 *Sleds and sledges*

Devices for conveying a person over ice and snow, mounted on runners with or without wheels

Included are, e.g. kick-sleds.

12 27 15 *Crawlers and mobility boards*

Wheeled devices on which a person lies or sits and moves by pushing on the floor with the arms or legs

12 27 18 *Wheeled stretchers, pedal cars and playing carts*

Wheeled stretchers are mobile platforms designed to transport a person in a lying position, they are manually propelled; pedal cars are small car-shaped vehicles propelled by pedals; playing carts are wheeled toys for sitting on or in, to enable mobility

12 27 24 *Manually powered stand-on mobility devices*

Devices that are propelled by the occupant using the arms and are used in a standing position only

Unpowered scooters propelled by pushing with one foot, see 12 18 12

**12 31 Assistive products for changing body position**

Hoists to transfer person into or out of vehicles without wheelchair, see 12 12 15

Assistive products for transferring person seated in wheelchair into or out of vehicles, see 12 12 18

Assistive products for lifting persons, see 12 36

Supporting handrails and grab bars, see 18 18

Assistive products for vertical accessibility, see 18 30

12 31 03 *Assistive products for sliding and turning*

Devices for changing position or direction of a person using sliding and turning techniques

Included are, e.g. sliding boards, sliding mats, turning sheets, turning cushions.

12 31 06 *Turntables*

Devices to assist a person to make a rotating movement where the feet are placed on the device when moving

12 31 09 *Not mounted rails for self-lifting*

Devices to support a person rising from a sitting or lying position (e.g. from a bed or chair)

Rails for self-lifting to be fixed to beds, see 18 12 28

12 31 12 *Grip ladders*

Devices, fixed at one end, for assisting a person to change his/her body position step by step

12 31 15 *Lifting belts and harnesses*

Devices for assisting a person to move another person manually

12 31 18 *Carrying chairs, carrying harnesses and carrying baskets*

Devices for moving a person from one place to another carried by one or more assistants

12 31 21 *Transfer platforms*

Devices for moving a standing person a short horizontal distance

12 31 24 *Lifting seats and lifting mattresses*

Transfer equipment for lifting a person from the floor to e.g. a bed or to a sitting position wherefrom standing up may be possible

Assistive products for lifting persons, see 12 36

**12 36 Assistive products for lifting persons**

Equipment for transferring by lifting and (re)positioning a person to enable an intended activity

Hoists to transfer person into or out of vehicles without wheelchair, see 12 12 15

Assistive products for transferring person seated in wheelchair into or out of vehicles, see 12 12 18

Assistive products for vertical accessibility, see 18 30

Assistive products for hoisting and repositioning objects in workplaces, see 28 09

12 36 03 *Mobile hoists for transferring a person in sitting position with sling seats*

Equipment for transferring by lifting and freely moving a person in a sitting, semi-sitting and semi-lying position; the body support unit consists of slings

12 36 04 *Mobile hoists for transferring a person in standing position*

Equipment for transferring and repositioning a person from a sitting position into an upright standing position; the equipment can be moved around freely; the body support consists of slings, a foot support and leg or knee support

- 12 36 06 *Mobile hoists for transferring a person in sitting position with solid seats*  
Equipment for transferring by lifting and freely moving a person in a sitting position; the body support unit consists of a solid seat, a spade seat or equivalent
- 12 36 09 *Mobile hoists for transferring a person in lying position*  
Equipment for transferring by lifting and freely moving a person in a lying position; the body support unit is vertically adjustable but not horizontally revolving
- 12 36 12 *Stationary hoists fixed to walls, floor or ceiling*  
Equipment for transferring by lifting and moving a person in an area limited by the system  
Included are, e.g. lifts for swimming pools.
- 12 36 15 *Stationary hoists fixed to, or mounted in or on, another product*  
Equipment for transferring by lifting a person in an area limited by the system  
Included are, e.g. bathtub hoists.  
Toilet seats inserts, see 09 12 15  
Toilet seats with built-in raising mechanism to assist standing up and sitting down, see 09 12 21  
Assistive products for transferring a person seated in wheelchair into or out of vehicles, see 12 12 18  
Bed lifts, see 18 12 12
- 12 36 18 *Stationary free-standing hoists*  
Equipment for transferring by lifting and moving a person in an area limited by the system
- 12 36 21 *Body support units for hoists*  
Devices for providing support to a person being lifted in a hoist  
Included are, e.g. slings, seats, stretchers, toilet seats for mobile and stationary hoists for transfer of persons.  
Assistive products for toileting, see 09 12
- 12 39 Assistive products for orientation**  
Devices for navigation, guidance, identification or recognizing the surrounding environment  
Tactile materials for floors and stairs, see 18 33 15
- 12 39 03 *Tactile sticks or white canes*  
Devices for navigation or identification of the surroundings used by a person with a visual impairment  
Walking sticks and canes, see 12 03 03

- 12 39 06 *Assistive products for electronic orientation*  
Electronic devices for guidance that provide information to determine the relative position in a certain area
- 12 39 09 *Assistive products for acoustic navigation*  
Devices for guidance that produce a sound or a message to orientate a person with a visual impairment  
Included are, e.g. sound beacons.
- 12 39 12 *Compasses*  
Devices for guidance that supply information on the north, east, south and west directions
- 12 39 15 *Tactile maps*  
Devices for guidance that enable orientation on a map by touch
- 12 39 18 *Tactile orientation materials*  
Materials intended to supply information on orientation by touch  
Included are, e.g. structured surfaces.
- 12 39 21 *Visual orientation materials*  
Materials intended to supply information on orientation through sight
- 15 ASSISTIVE PRODUCTS FOR DOMESTIC ACTIVITIES AND PARTICIPATION IN DOMESTIC LIFE**  
Products intended to support or replace a person's capacity to carry out domestic and everyday actions and tasks, including acquiring a place to live, food, clothing and other necessities, household cleaning and repairing, caring for personal and other household objects and assisting others  
Included are, e.g. assistive products for eating and drinking.
- 15 03 Assistive products for preparing food and drink**  
Included are, e.g. refrigerators, freezers.  
Assistive products for alarming, indicating, reminding and signalling, see 22 27  
Grip adapters and attachments, see 24 18 06  
Non-slip pads, see 24 27 06  
Containers for storing objects, see 24 39  
Machines and tools for use in workplaces, see 28 15
- 15 03 03 *Assistive products for weighing and measuring to prepare food and drink*  
Included are, e.g. kitchen scales, diet scales, measuring spoons and cups, cooking and meat thermometers, butter dividers, liquid-level indicators.  
Measuring instruments, see 27 06  
Measuring instruments and equipment for workplaces, see 28 18 03

- 15 03 06 *Assistive products for cutting, chopping and dividing to prepare food and drink*  
Included are, e.g. slicing machines, knives, cutting boards, cheese slicers, egg dividers, egg slicers, onion holders, graters.  
Machines for food preparation, see 15 03 15
- 15 03 09 *Assistive products for cleaning and peeling*  
Included are, e.g. potato brushes, potato peelers (manual and electric), potato holders, coring knives.  
Machines for food preparation, see 15 03 15
- 15 03 12 *Assistive products for baking*  
Included are, e.g. rolling pins, baking tins, baking dishes.  
Machines for food preparation, see 15 03 15
- 15 03 15 *Machines for food preparation*  
Included are, e.g. food mixers, food processors, manual and electric egg-beaters.  
Machines for production and processing of commercial goods, see 28 15 09
- 15 03 18 *Assistive products for cooking and frying*  
Included are, e.g. cooking dishes, frying pans, egg boilers, coffee and tea makers, sauce-pan holders/handles, strainers, frying pan covers, vegetable baskets, egg rings, tongs, pans, kitchen utensils.
- 15 03 21 *Cooking units*  
Devices for heating food and drink  
Included are, e.g. cookers, ovens, microwave ovens, electric cooking plates.  
Assistive products for serving food and drink, see 15 09 03
- 15 03 24 *Refrigerators and freezers*
- 15 06 Assistive products for dishwashing**
- 15 06 03 *Sinks*
- 15 06 06 *Dishwashing brushes and flask brushes*
- 15 06 09 *Dish drying racks*  
Frames on which washed dishes are placed to enable water to drain off them
- 15 06 12 *Outlet filters and overflow pipes*  
Devices to prevent overflow from a sink
- 15 06 15 *Dishcloth wringers*  
Devices for squeezing out excess liquid from a cloth
- 15 06 18 *Dishwashers*  
Powered devices for washing cutlery and crockery

**15 09 Assistive products for eating and drinking**

Weighted cuffs, see 04 48 18

Assistive products for handling containers, see 24 06

Grip adapters and attachments, see 24 18 06

Non-slip pads, see 24 27 06

Containers for storing objects, see 24 39

**15 09 03 *Assistive products for serving food and drink***

Containers from which food and drink are served and the utensils used for this action  
Included are, e.g. heated serving dishes, vacuum flasks.

Assistive products for carrying and transporting, see 24 36

**15 09 06 *Food dispensers***

Containers measuring out a predetermined amount of, e.g. sugar or oil

**15 09 09 *Stoppers and funnels***

Devices preventing excess quantities of liquid from being poured out of a vessel;  
funnels are cone-shaped devices that reduce spillage when liquid is poured through  
them into a vessel

**15 09 13 *Cutlery, chopsticks and straws***

Devices used when eating, to cut food or on/in/through which food is moved from a  
container into a person's mouth

Grip adapters and attachments, see 24 18 06

**15 09 16 *Mugs, glasses and cups and saucers***

Grip adapters and attachments, see 24 18 06

**15 09 18 *Plates and bowls***

Included are, e.g. warm water plates, bowls with a cover or handgrip, serving boards.

**15 09 21 *Food guards***

Products that can be fitted to the side of a plate to provide a raised edge that prevents  
food from being pushed off of the plate

**15 09 24 *Egg cups***

**15 09 27 *Feeding apparatus***

Powered or manual devices that enable a person to eat by bringing the food from the  
dish to the mouth

**15 09 30 *Feeding systems for enteral feeding***

Feeding systems that enable liquid food to be introduced directly into the  
gastrointestinal tract (i.e. enteral feeding)

Included are, e.g. enteral feeding pumps, tubes, accessories.

Devices used for parenteral (intravenous) feeding, see 04 19 24

## 15 12 **Assistive products for housecleaning**

Cleaning machines and equipment for workplaces, see 28 15 15

15 12 03 *Dustpans, dust brushes and dust brooms*

15 12 06 *Brushes, sponges, chamois leathers, dusters and floorcloths*

Washcloths, sponges and brushes with holder, handle or grip, see 09 33 30

15 12 09 *Vacuum cleaners*

Included are, e.g. vacuum cleaning robots.

15 12 12 *Carpet sweepers for dry use*

Mechanical devices that are pushed across a carpet with a mechanism that lifts the dirt into an internal storage container

15 12 22 *Floor mopping equipment*

Included are, e.g. floor mops, pails, stands, floor mop apparatus for wet use.

15 12 24 *Floor polishers*

15 12 27 *Assistive products for storage of waste or disposal of waste*

Containers or devices for storage or disposal of garbage

## 15 15 **Assistive products for making and maintaining textiles for domestic use**

Clothes and shoes, see 09 03

Magnifier glasses, lenses and lens systems for magnification, see 22 03 09

Assistive products for extending and adjusting range and angle of the field of vision, see 22 03 15

Measuring instruments, see 27 06

Machines for production and processing of commercial goods, see 28 15 09

Tools, materials and equipment for textile handicraft, see 30 18 03

15 15 03 *Sewing machines*

15 15 06 *Sewing hoops, pin cushions and darning devices*

Devices that hold material in a fixed position while sewing or darning

Included are, e.g. embroidering rings.

Assistive products for fixation, see 24 27

Assistive products for fixing and positioning workpieces and tools, see 28 12 06

15 15 09 *Knitting machines*

15 15 12 *Knitting, crocheting, sewing and darning needles*

15 15 15 *Patterns for sewing and knitting*

15 15 19 *Assistive products for hand sewing*

Included are, e.g. needle threaders, thimbles.

15 15 21 *Scissors*

Assistive products for cutting, chopping and dividing to prepare food and drink, see 15 03 06

Handicraft tools, materials and equipment, see 30 18

15 15 24 *Ironing machines and irons*

15 15 27 *Ironing boards and ironing tables*

15 15 30 *Laundry baskets on castors*

15 15 33 *Washing machines*

15 15 36 *Wringers for laundry*

Devices that squeeze out excess liquid from laundry

Dishcloth wringers, see 15 06 15

15 15 39 *Clothespins*

Clips or forked devices for attaching clothes on to a clothesline; also known as clothes pegs

15 15 43 *Assistive products for drying clothes*

Included are, e.g. tumble dryers, drying cabinets, spin dryers, airers, drying frames, clothes-lines.

15 15 48 *Shoe cleaning devices*

Included are, e.g. doormats.

Devices for cleaning wheelchairs or any part of wheelchairs, see 12 24 28

**15 18 Assistive products for gardening and lawn care for domestic use**

Products to enable the cultivation or tending of plants or a garden, or in the care of a lawn

Landscaping, agricultural and construction machines and equipment, see 28 15 12

15 18 03 *Tools for outdoor gardening*

Products to enable the cultivation or tending of a lawn or a garden that is outside

Included are, e.g. mowers, long-handled pruning shears, weed-grippers.

15 18 06 *Adapted gardening beds*

Products that make accessible any indoor or outdoor area for the purpose of gardening

Included are, e.g. elevated beds, accessible greenhouses, designs for accessible gardens.

- 15 18 09 *Assistive products for protecting and supporting the body while gardening*  
 Products designed to provide protection from injury or additional support for a person tending or cultivating plants  
 Included are, e.g. kneeling benches.
- 15 18 12 *Tools for indoor gardening and flower arrangement*  
 Products to enable a person to cultivate, tend or arrange plants or a garden that is inside, and to arrange cut flowers for display
- 18 FURNISHINGS, FIXTURES AND OTHER ASSISTIVE PRODUCTS FOR SUPPORTING ACTIVITIES IN INDOOR AND OUTDOOR HUMAN-MADE ENVIRONMENTS**  
 Furniture and other products that can be placed in, incorporated into or, otherwise, added to, the built environment to facilitate movement and positioning, including entry and exit, within areas constructed for public and private use  
 Included are, e.g. products for sitting, standing and lying.  
     Sets of castors, see 24 36 06  
     Assistive products for environmental improvement, see 27 03  
     Workplace furniture and furnishing elements, see 28 03
- 18 03 Tables**  
 Included are, e.g. adjustable tables.  
     Tilting tables, see 05 36 06  
     Bathing stretchers, shower tables and diaper-changing tables, see 09 33 12  
     Ironing boards and ironing tables, see 15 15 27  
     Writing boards, drafting boards and drawing boards, see 22 12 06  
     Book supports and book holders, see 22 30 15  
     Workdesks, see 28 03 03  
     Workbenches, see 28 03 06
- 18 03 06 *Reading tables, desks and stands*  
 Workdesks, see 28 03 03
- 18 03 09 *Drafting tables and drawing tables*  
 Writing boards, drafting boards and drawing boards, see 22 12 06
- 18 03 12 *Dining tables*
- 18 03 15 *Bed tables*  
 Tables designed to be used on, over or beside a bed  
     Bathing stretchers, shower tables and diaper-changing tables, see 09 33 12  
     Bedside cabinets, see 18 36 09

**18 06 Light fixtures**

Assistive products for light therapy, see 04 09

Lenses with illumination, see 22 03 09

18 06 03 *General lights*

Lights for illuminating an area directly or indirectly without being concentrated on specific spots

18 06 06 *Reading lights and working lights*

Lights for illuminating one specific area in order to facilitate a particular activity

18 06 09 *Podium lights and blackboard lights*

**18 09 Sitting furniture**

Included are, e.g. adjustable sitting furniture.

Accessories for sitting furniture, see 18 10

Sets of castors, see 24 36 06

18 09 03 *Chairs*

Included are, e.g. chairs with or without a special mechanism to assist a person to stand or sit.

Work chairs and office chairs, see 28 03 09

18 09 04 *Stools*

Seats with one or more legs without a back; may have the option of an add-on back

Included are, e.g. stools with a special mechanism to assist a person to stand up or sit down.

Walking sticks and canes with seat, see 12 03 18

Standing chairs, see 18 09 07

Stools and standing chairs for workplaces, see 28 03 12

18 09 07 *Standing chairs*

Seats with one or more legs that provide support for a person remaining in a standing or near-standing position

Walking sticks and canes with seat, see 12 03 18

Stools and standing chairs for workplaces, see 28 03 12

18 09 09 *Coxit chairs*

Chairs with a seat which has one or two tilting sections at the front edge

Included are, e.g. arthrodesis chairs and coxit chairs with a special mechanism to assist a person to stand or sit.

18 09 15 *Lounge chairs and easy chairs*

Comfortable chairs for general use

Included are, e.g. lounge chairs with a special mechanism to assist a person to stand or sit.

18 09 21 *Special sitting furniture*

Chairs that meet the specific seating requirements of a person

Included are, e.g. high chairs for children, sitting bags, floor seats.

Seats and cushions for motor vehicles and accessories and adaptations relating to seating in vehicles, see 12 12 12

18 09 24 *Chair lifts and chair transporters*

Devices for transporting a chair without wheels, with or without its occupant

18 09 39 *Modular seating systems*

Seating systems based on a framework to which can be attached selected seat modules, the position of which can then be adjusted to achieve a particular seat configuration

Included are, e.g. chairs assembled from separate elements.

**18 10 Accessories for sitting furniture**

Accessories for seats including wheelchair seats

18 10 03 *Back supports*

Included are, e.g. back supports (and components of back supports) that are attached or incorporated into a chair or seat, lumbar supports, back cushions, back pads.

Back cushions and back pads for tissue integrity, see 04 33 04

18 10 06 *Seat cushions and underlays*

Cushions and other devices that are placed on a seat to correct and maintain a stable sitting position

Seat cushions and underlays for tissue integrity, see 04 33 03

18 10 09 *Arm supports*

Included are, e.g. arm troughs, hemiplegia casts.

Toilet arm supports mounted on toilet, see 09 12 24

Toilet arm supports free-standing, see 09 12 25

Arm supports to permit manual activities, see 24 18 27

18 10 12 *Head supports and neck supports*

Included are, e.g. head supports (and components of head supports), neck supports, neck cushions that are attached or incorporated into a chair or seat.

18 10 15 *Leg supports and foot supports*

Included are, e.g. leg supports, foot supports, footplates, stump supports that are attached or incorporated into a chair or seat, abductors, adductors, knee separators.

18 10 18 *Trunk supports and pelvic supports*

Devices that are attached or incorporated into a chair or seat to provide support to, or to stabilize, a person's shoulders, torso, hips or pelvic region when sitting

Assistive products for body stabilization, see 09 07

Seat belts and harnesses for motor vehicles, see 12 12 09

18 10 21 *Cushions or systems added to seats to assist a person to stand or sit*

Seat cushions with a mechanism that can lift a person up to enable him or her to transfer from a sitting to a standing position; the mechanism may also support the descent of a person while sitting

18 10 24 *Lap trays and tables that can be attached to chairs*

Products that can be attached to a chair (including a wheelchair) or placed on the lap of a sitting person that provide a flat surface on which activities can be carried out or objects can be placed

**18 12 Beds and bed equipment**

Included are, e.g. beds with adjustable and non-adjustable body positions, detachable bed-boards/mattress support platforms.

Assistive products intended to manage tissue integrity, see 04 33

Assistive products for body stabilization, see 09 07

Non-body-worn single-use products for absorbing urine and faeces, see 09 30 42

Non-body-worn washable products for absorbing urine and faeces, see 09 30 45

Assistive products for changing body position, see 12 31

Assistive products for lifting persons, see 12 36

18 12 04 *Beds and detachable bed boards/mattress support platforms, non-adjustable*

Beds with special features such as fixed handrail or fixed supports

Included are, e.g. high beds.

18 12 07 *Beds and detachable bed boards/mattress support platforms with manual adjustment*

Beds with one or more sections of the mattress support platform that can be adjusted in height or angle; the adjustments are performed manually by the occupant or by an assistant

18 12 10 *Beds and detachable bed boards/mattress support platforms with powered adjustment*

Beds with one or more sections of the mattress support platform that can be adjusted in height or angle; adjustments are performed by an electric mechanism operated by the occupant or by an assistant

- 18 12 12 *Bed lifts*  
Height adjustable undercarriages on which a standard bed can be mounted, thus, serving as a height adjustable bed  
Assistive products for height adjustment of furniture, see 18 15
- 18 12 15 *Bedding*  
Bed linen and products to fix bed linen in a desired position  
Included are, e.g. cushions, pillows, blankets, fixing devices for blankets.  
Non-body-worn single-use products for absorbing urine and faeces, see 09 30 42  
Non-body-worn washable products for absorbing urine and faeces, see 09 30 45  
Mattresses and mattress coverings, see 18 12 18
- 18 12 18 *Mattresses and mattress coverings*  
Mattresses and coverings for comfort  
Assistive products intended to manage tissue integrity, see 04 33  
Non-body-worn single-use products for absorbing urine and faeces, see 09 30 42  
Non-body-worn washable products for absorbing urine and faeces, see 09 30 45
- 18 12 21 *Blanket supports*  
Frames fitted to the bed to prevent sheets and blankets from placing any weight on the person's body
- 18 12 24 *Separate adjustable back supports and leg supports for beds*  
Devices to support specific parts of the occupant's body while lying in bed
- 18 12 26 *Side rails to be fixed to beds*  
Foldaway or removable rails for preventing the occupant from falling out of the bed
- 18 12 28 *Rails for self-lifting to be fixed to beds*  
Removable rails to enable the occupant to change position in bed or to sit up independently  
Not mounted rails for self-lifting, see 12 31 09
- 18 12 30 *Assistive products for bed-shortening*  
Devices for reducing the length of the bed
- 18 12 33 *Assistive products for bed-lengthening*  
Devices for increasing the size of a bed
- 18 15 Assistive products for height adjustment of furniture**
- 18 15 03 *Leg extenders*  
Devices that are placed under the legs of furniture to increase the length of the legs

18 15 06 *Height-adjustable plinths and brackets*

Height-adjustable surfaces or brackets on which furniture can be mounted

18 15 09 *Pedestals and fixed-height plinths and brackets*

Fixed-height surfaces or brackets on which furniture can be mounted

Shelves, see 18 36 03

**18 18 Supporting handrails and grab bars**

Arm exercise devices, trunk exercise devices and leg exercise devices, see 04 48 15

Side rails to be fixed to beds, see 18 12 26

Rails for self-lifting to be fixed to beds, see 18 12 28

18 18 03 *Handrails and support rails*

Bars, usually cylindrical, attached to a wall, floor or other stable structure that provide the means for a person to support or stabilize himself/herself using hands or arms while walking, e.g. up and down stairs or ramps or moving along corridors

Assistive products for walking exercise, see 04 48 07

18 18 06 *Fixed grab bars and handgrips*

Devices, usually straight or angled bars, that are permanently attached to a wall, a wall and a floor, or a wall, ceiling and floor to provide support to a person while standing or changing position

18 18 10 *Removable grab rails and handgrips*

Devices, usually straight or angled bars, that can be temporarily attached to walls, floors, ceilings or furniture using, e.g. clamps or suction pads and removed without tools providing support to a person while changing position

Rails for self-lifting to be fixed to beds, see 18 12 28

18 18 11 *Hinged rails and arm supports*

Devices that provide support to a person when changing her/his position; they can be fixed to a wall or floor and can be folded up or sideways or lowered down to allow access or when they are not needed

Toilet arm supports and toilet back supports mounted on toilet, see 09 12 24

Toilet arm supports and toilet back supports, free-standing, see 09 12 25

Arm supports for chairs, see 18 10 09

**18 21 Gate, door, window and curtain openers/closers**

Signalling devices, see 22 27 04

Assistive products for operating and controlling devices, see 24 09

Environmental control systems, see 24 13 03

Grip adapters and attachments, see 24 18 06

Assistive products for controlling illumination in workplaces, see 28 24 06

- 18 21 03 *Door openers and door closers*
- 18 21 06 *Window openers and window closers*
- 18 21 09 *Curtain openers and curtain closers*
- 18 21 12 *Sunblind openers and sunblind closers*
- 18 21 15 *Locks*

Included are, e.g. electric locks.

## **18 24 Construction elements in homes and other premises**

Features of the structure of the house that are designed to assist a person to function independently

Grip adapters and attachments, see 24 18 06

Water purifiers and water softeners, see 27 03 18

Workplace furniture and furnishing elements, see 28 03

### 18 24 03 *Plumbing fittings and taps*

Systems in a house in which liquids or gases can be controlled and distributed

Included are, e.g. water and gas supply fittings, such as single lever taps, thermostatic mixing valves, flexible tubing, siphons, electronic mixing valves.

### 18 24 06 *Windows*

Window openers and window closers, see 18 21 06

Environmental control systems, see 24 13 03

Assistive products for controlling illumination, see 27 03 15

### 18 24 09 *Doors*

Included are, e.g. sliding doors, up-and-over doors, folding doors, swing doors.

Door openers and door closers, see 18 21 03

### 18 24 12 *Thresholds*

Floor-level sills positioned at the base of doors or at the entrance to internal areas

Included are, e.g. rubber seals for shower doors, crossover bridges.

### 18 24 15 *Floor coverings*

Non-slip materials for floors and stairs, see 18 33 03

Tactile materials for floors and stairs, see 18 33 15

Fire-resistant floor coverings, see 18 33 18

Workplace furniture and furnishing elements, see 28 03

### 18 24 18 *Stairs*

Ladders and stepladders, see 18 30 21

18 24 21 *Counter tops*

**18 30 Assistive products for vertical accessibility**

Hoists to transfer person into or out of vehicles without wheelchair, see 12 12 15

Assistive products for transferring person seated in wheelchair into or out of vehicles, see 12 12 18

Assistive products for loading unoccupied wheelchairs onto or into vehicles, see 12 12 21

Powered stair-climbing transporters, see 12 17 03

Assistive products for lifting persons, see 12 36

Stairs, see 18 24 18

Lifting platforms for workplaces, see 28 09 12

18 30 03 *Elevators*

Platforms or enclosures raised and lowered in a vertical shaft that provide a method of transport between two or more vertical levels (e.g. building storeys, floors and ship decks)

18 30 05 *Fixed lifting platforms*

Lifting devices that use a platform to move a person or freight between two or more vertical levels, have no roof, do not lift within a shaft and are permanently attached to a structure or the ground

Included are, e.g. wheelchair lifting tables and platform lifts.

18 30 07 *Free-standing lifting platforms*

Lifting devices that have a self-supporting structure that is not portable and not attached to a structure or the ground, use a platform to move a person or freight between two or more vertical levels, have no roof and do not lift within a shaft

Included are, e.g. free-standing wheelchair lifting tables and platform lifts.

18 30 08 *Portable lifting platforms*

Lifting devices that have a self-supporting structure that is designed to be portable and not attached to a structure or the ground, use a platform to move a person or freight between two or more vertical levels, have no roof and do not lift within a shaft

Included are, e.g. portable wheelchair lifting tables and platform lifts.

18 30 10 *Stairlifts with seat*

Lifting devices that have a seat unit attached to one or more rails and that follow the shape and angle of the staircase

18 30 11 *Stairlifts with platform*

Lifting devices that have a platform attached to one or more rails and that follow the shape and angle of the staircase

Included are, e.g. stairlifts for wheelchairs.

- 18 30 15 *Portable ramps*  
Moveable sloping surfaces that bridge a limited gap between two levels
- 18 30 18 *Fixed ramps*  
Fixed sloping surfaces which bridge a limited gap between two levels
- 18 30 21 *Ladders and stepladders*  
Stairs, see 18 24 18
- 18 30 24 *Stair-climbing supports without seat or platform*  
Motorized devices attached to one or more rails and following the shape and angle of the staircase; serves to support a person walking up or down the stairs
- 18 33 Safety equipment for homes and other premises**  
Assistive products for alarming, indicating, reminding and signalling, see 22 27  
Assistive products for health protection and safety in workplaces, see 28 24
- 18 33 03 *Non-slip materials for floors and stairs*  
Surface materials which minimize the danger of slipping  
Included are, e.g. non-slip mats, non-slip tiles.  
Non-slip bath mats, non-slip shower mats and non-slip tapes, see 09 33 06  
Safety devices for workplaces and surrounding areas at work, see 28 24 18
- 18 33 06 *Safety barriers, fences and gates for windows, staircases and lifts*
- 18 33 09 *Safety valves for gas supplies*  
Devices that automatically stop the flow of gas in order to avoid emergencies
- 18 33 10 *Assistive products for the kitchen or other cooking areas to prevent burns and accidental fires*  
Environmental emergency alarm systems, see 22 27 21
- 18 33 12 *Rescue equipment*  
Devices for evacuating a person from a dangerous situation
- 18 33 15 *Tactile materials for floors and stairs*  
Tactile materials used inside or outside the house, which serve for orientation for, e.g. blind persons  
Included are, e.g. tiles, floor coverings, floor mats.  
Assistive products for orientation, see 12 39
- 18 33 18 *Fire-resistant floor coverings*
- 18 36 Furniture for storage**  
Containers for storing objects, see 24 39  
Storage and supply systems in workplaces, see 28 03 15

18 36 03 *Shelves*

18 36 06 *Cupboards*

18 36 09 *Bedside cabinets*

Included are, e.g. storage devices at the bedside, combinations of bed-tables, bedside cabinets.

18 36 12 *Medicine cabinets*

18 36 15 *Fittings for shelves, cupboards and cabinets*

## 22 **ASSISTIVE PRODUCTS FOR COMMUNICATION AND INFORMATION MANAGEMENT**

Products intended to support or replace a person's capacity to receive, send, produce and process information in different forms, including communicating by language, signs and symbols, receiving and producing messages, carrying on conversations and using communication devices and techniques

Included are, e.g. devices for seeing, hearing, reading, writing, telephoning, signalling and alarming, information technology.

Assistive products for office administration, information storage and management at work, see 28 21

### 22 03 **Assistive products for seeing**

Included are, e.g. magnifying devices.

22 03 03 *Light filters (absorption filters)*

Devices for absorbing light with defined wavelengths and filtering out those which are unwanted

22 03 06 *Spectacles and contact lenses*

Devices which enable a person to focus her/his vision

Included are, e.g. contact lens care products.

22 03 09 *Magnifier glasses, lenses and lens systems for magnification*

Devices for enlarging the image of an object

Included are, e.g. lenses with and without illumination, loupe glasses (spectacles).

Special output software, see 22 39 12

22 03 12 *Binoculars and telescopes*

Devices for magnifying the image of a distant object for one or two eyes

Included are, e.g. spectacle-mounted monocular and binocular telescopes.

22 03 15 *Assistive products for extending and adjusting range and angle of the field of vision*

Devices for broadening or changing the angle of the visual field

Included are, e.g. prismatic spectacles, recumbent spectacles.

22 03 18 *Image-enlarging video systems*

Devices for displaying an enlarged image of the subject that has been captured by a video camera

Included are, e.g. cameras, control units, video monitors, video systems, digitally processed video systems, mobile camera-reading magnifying glasses.

Video recording and playing devices, see 22 18 06

Closed-circuit television systems, see 22 18 18

**22 06 Assistive products for hearing**

Devices for concentrating, amplifying and modulating sound for a person with hearing problems

Included are, e.g. hearing aids with built-in tinnitus masking, induction coil devices.

Sound stimulators, see 04 27 15

Induction loop devices, see 22 18 30

22 06 03 *Ear-trumpets*

Devices for concentrating and channelling sounds into the ear

22 06 06 *Body-worn hearing aids*

Devices worn attached to the person's clothes or hanging around her/his neck for amplifying sound

22 06 09 *Spectacle hearing aids*

Frames of eyeglasses with built-in electronic devices to amplify sound

22 06 12 *In-the-ear hearing aids*

Devices worn within the ear to amplify sound

Included are, e.g. in-the-canal hearing aids.

22 06 15 *Behind-the-ear hearing aids*

Devices worn behind the ear to amplify sound

Included are, e.g. headband hearing aids.

22 06 18 *Tactile hearing aids*

Devices for receiving, amplifying and transforming sounds into tactile signals

22 06 21 *Hearing aids used in connection with implants*

Devices for assisting hearing by stimulating the receivers implanted, e.g. in the inner ear

22 06 27 *Accessories for assistive products for hearing*

Included are, e.g. audio connections, spectacle adaptations, remote controls for hearing aids, software, batteries, rechargeable batteries, battery chargers.

**22 09 Assistive products for voice production**

Devices for assisting a person who has insufficient voice power to speak using his/her own voice

Microphones, see 22 18 33

Loudspeakers, see 22 18 36

**22 09 03 Voice generators**

Devices for generating air oscillations in the throat, which are transformed into speech by the movement of the soft palate, tongue and mouth

Included are, e.g. voice valves.

Communication amplifiers, see 22 21 06

**22 09 06 Voice amplifiers for personal use**

Devices for increasing the volume of a person's voice

Communication amplifiers, see 22 21 06

**22 12 Assistive products for drawing and writing**

Devices assisting a person to convey information by producing figures, symbols or language

Weighted cuffs, see 04 48 18

Training materials for developing writing skills, 05 03 09

Assistive products for training in drawing and painting skills, see 05 24 06

Tactile maps, see 12 39 15

**22 12 03 Manual devices for drawing and handwriting**

Included are, e.g. pens, pencils, brushes, drawing compasses, straightedges, rulers.

Pen holders, pencil holders and brush holders, see 24 18 06

**22 12 06 Writing boards, drafting boards and drawing boards**

Drafting tables and drawing tables, see 18 03 09

Assistive products for fixation, see 24 27

**22 12 09 Signature guides, stamps and writing frames**

Devices for assisting a person to write a signature or hand written characters in the correct position or to produce a printed signature using a stamp

**22 12 12 Manual Braille writing equipment**

Devices for producing embossed Braille characters on paper with a special stylus or a stick

**22 12 15 Typewriters**

Included are, e.g. manual, electric, talking and Braille typewriters, typewriters with memory.

Computers and terminals, see 22 33

- 22 12 18 *Special writing paper/plastic*  
Materials for hard copies with special effects for tactile recognition
- 22 12 21 *Portable note-taking devices for Braille*  
Included are, e.g. portable devices with no display function, manually and electronically operated.
- 22 12 24 *Word processing software*  
Software for writing, organizing and storing text, including mathematical and scientific notation, e.g. desktop publishing software, word processing software made for alternative control or accessories for word processors  
Included are, e.g. software for using Braille, word banks, word lists, spelling software.  
Office software and industrial software, see 28 21 12
- 22 12 27 *Drawing and painting software*  
Software for enabling drawing and painting activities with computers  
Included are, e.g. CAD software, software for colouring pictures.  
Computers and terminals, see 22 33  
Office software and industrial software, see 28 21 12
- 22 15 Assistive products for calculation**  
Computers and terminals, see 22 33
- 22 15 03 *Manual devices for calculation*  
Included are, e.g. abacuses, slide rules.
- 22 15 06 *Calculators*  
Included are, e.g. calculating machines, talking calculators.
- 22 15 09 *Calculation software*  
Office software and industrial software, see 28 21 12
- 22 18 Assistive products that record, play and display audio and visual information**  
Devices that record or deliver information in audio or visual formats and products that combine any of those functions  
Included are, e.g. audio and video equipment, televisions, sound transmission systems, products that process audio or visual information to enhance its quality and usefulness, such as filtering noises or converting analog to digital information.  
Headphones, see 22 18 38  
Visual computer displays and accessories, see 22 39 04
- 22 18 03 *Sound recording and playing devices*  
Devices for recording and playback of sounds

Included are, e.g. reel-to-reel and all types of tape recorders, index tone generators, demagnetizers, digital audio playback and recording devices such as minidisks, CD players and DAISY players.

22 18 06 *Video recording and playing devices*

Devices for saving and playing visual images and motion pictures on tape or other electronic media

Included are, e.g. cameras, video players, digital video recorders and players.

22 18 09 *Radio receivers*

Included are, e.g. radio sets.

22 18 12 *Two-way radios*

Devices for receiving and transmitting mainly one to one remote radio communication

Included are, e.g. Citizens Band (CB), Family Radio Services (FRS), General Mobile Radio Service (GMRS), marine radios.

22 18 15 *Televisions*

Included are, e.g. digital and high definition televisions.

22 18 18 *Closed-circuit television systems*

Closed systems for transmitting images with a camera to a recorder or direct displaying in a remote location

Image-enlarging video systems, see 22 03 18

Monitoring and positioning systems, see 22 27 24

22 18 21 *Decoders for videotext and text television*

Devices for translating videotext into artificial speech and decoding spoken output to provide video captions

Excluded are speech recognition systems.

22 18 24 *Radio frequency transmission systems*

Devices for receiving or transmitting high-frequency modulated electromagnetic waves

Included are, e.g. systems, transmitters and receivers for local one-way communication.

Assistive products for hearing, see 22 06

22 18 27 *Infrared (IR) systems for audio information*

Devices for receiving or transmitting audio information using infrared light

Included are, e.g. systems, transmitters and receivers for local one-way communication, e.g. personal remote voice transmission and voice transmission systems for auditorium.

Assistive products for hearing, see 22 06

Assistive products for controlling from a distance, see 24 13

- 22 18 30 *Induction loop devices*  
 Devices for receiving or transmitting information using electromagnetic waves in induction loop systems  
 Included are, e.g. audio-frequency and carrier-frequency induction loop systems, induction loop receivers.  
 Assistive products for hearing, see 22 06
- 22 18 33 *Microphones*  
 Included are, e.g. headset microphones.
- 22 18 36 *Loudspeakers*
- 22 18 38 *Headphones*  
 Included are, e.g. devices that increase the volume of TVs, radios, stereos or are used together with communication amplifiers.  
 Assistive products that record, play and display audio and visual information, see 22 18
- 22 18 39 *Accessories for audio, video and visual systems*
- 22 21 Assistive products for face-to-face communication**  
 Devices which enable two persons to communicate with each other in the same space  
 Assistive products for voice production, see 22 09
- 22 21 03 *Letter and symbol sets and boards*  
 Devices for face-to-face communication when speaking is not possible or is difficult  
 Included are, e.g. letter, picture, symbol and icon sets, boards.
- 22 21 06 *Communication amplifiers*  
 Devices for increasing the volume of one or more person's voices  
 Included are, e.g. devices for audio equalization for listening, concentration.  
 Assistive products for hearing, see 22 06  
 Voice amplifiers for personal use, see 22 09 06
- 22 21 09 *Dialogue units*  
 Electronic devices that enable direct communication  
 Included are, e.g. portable and non-portable digital electronic displays, paper, recorded and synthetic speech output equipment.
- 22 21 12 *Face-to-face communication software*  
 Software for producing messages for direct communication  
 Included is, e.g. embedded software that facilitates face-to-face communication.

Word processing software, see 22 12 24

Browser software, see 22 33 15

22 21 15 *Speech flow devices*

Devices to improve speech flow, e.g. through capturing speech in a microphone, delaying the sound and reconnecting it

**22 24 Assistive products for telephoning and telematic messaging**

22 24 03 *Standard network telephones*

Included are, e.g. stationary telephones with or without portable receivers, loudspeakers, visual telephones, videophones, telex and telefax machines, telephones with built-in warning signals, internet telephones, tactile telephones.

Assistive products for hearing, see 22 06

22 24 06 *Telephones for mobile networks*

Included are, e.g. car telephones, portable short-range telephones, hands-free models, camera-equipped models.

22 24 09 *Devices and software for real-time text communication*

Included are, e.g. mobile text telephones, devices and software for real-time text conversion, telephones with Braille input/output.

22 24 12 *Telephone booths*

22 24 15 *Telephone answering machines*

22 24 18 *Telephone switchboards*

Panels and boards of switches for controlling the operation of a telephone system

22 24 21 *Accessories for telephoning*

Included are, e.g. connection units and signal transformers of an incoming message, keyboards for mobile phones, number presentation assistive products, dialling, engaged and ring tone indicators, dialling assistive products, receiver holders, receiver amplifiers.

Assistive products for hearing, see 22 06

Assistive products to assist or replace arm function, hand function, finger function or combination of these functions, see 24 18

Assistive products for fixation, see 24 27

22 24 24 *Telecommunication and telematics software*

Software for verbal and visual communication between computers via the computer network

Included are, e.g. Internet Protocol (IP), Voice over Internet Protocol (VoIP) telephony (IP) software, teleconference software, internet-based video communication systems, apps to facilitate use of smartphones and tablets.

Face-to-face communication software, see 22 21 12

- 22 24 27 *Intercoms*  
Stand-alone electronic communication systems intended to facilitate a limited or private dialogue between two or more persons in different locations  
Assistive products for alarming, indicating, reminding and signalling, see 22 27
- 22 24 30 *Entry phones*  
Included are, e.g. door entry systems with integrated door openers, entry phone amplifiers.  
Assistive products for alarming, indicating, reminding and signalling, see 22 27
- 22 27 Assistive products for alarming, indicating, reminding and signalling**
- 22 27 04 *Signalling devices*  
Devices that transform a signal, e.g. from telephone, doorbell, babycall, to a visual, an acoustic or a mechanical output.
- 22 27 12 *Clocks and timepieces*  
Devices for measuring, displaying and speaking the time  
Included are, e.g. portable and non-portable devices, devices with or without an alarm function.
- 22 27 15 *Calendars and timetables*  
Devices for storing and organizing data on planned activities  
Included are, e.g. special calendar software.  
Office software and industrial software, see 28 21 12
- 22 27 16 *Memory support products*  
Devices for notifying or reminding a person about people, important activities or events of daily life  
Included are, e.g. medication reminders, portable memo pads, memory support notebooks, talking picture systems, timed reminder systems.
- 22 27 18 *Personal emergency alarm systems*  
Devices either operated by the user or activated automatically in case of personal emergency  
Included are, e.g. insulin alarms, seizure alarms for persons with epilepsy, fall alarms.
- 22 27 21 *Environmental emergency alarm systems*  
Included are, e.g. fire alarms, smoke-detectors.
- 22 27 24 *Monitoring and positioning systems*  
Devices for observing the status or location of a specific situation or a person  
Included are, e.g. global positioning systems (GPS).

22 27 27 *Marking materials and marking tools*

Devices for marking and identifying

Included are, e.g. signs, symbols, labels.

22 27 30 *Timers*

Assistive products for preparing food and drink, see 15 03

22 27 33 *Assistive products that support structuring a day or an activity*

**22 30 Assistive products for reading**

Assistive products for extending and adjusting range and angle of the field of vision, see 22 03 15

22 30 03 *Reading materials with audible output*

Media for storing written data to present it in spoken form

22 30 06 *Large print reading materials*

Assistive products for seeing, see 22 03

22 30 09 *Multimedia reading materials*

Products that store written or print information and present that information using more than one medium, e.g. audio and visual

22 30 12 *Page turners*

Operating sticks, see 24 18 15

22 30 15 *Book supports and book holders*

Reading tables, desks and stands, see 18 03 06

Bed tables, see 18 03 15

Manuscript holders, see 24 18 24

22 30 18 *Reading masks and typoscopes*

Devices that enable a limited area of text to be visible at one time

22 30 21 *Character-reading machines*

Devices for reading and transforming written text into alternative forms of visual, auditory and tactile communication

22 30 24 *Tactile reading materials*

Media for presenting the content in Braille

Included are, e.g. books and other printed materials in Braille.

22 30 27 *Special multimedia presentation software*

Software used to link and show different kinds of displays and images, cartoons, animation and synchronized sound

22 30 30 *E-book readers*

**22 33 Computers and terminals**

Office software and industrial software, see 28 21 12

22 33 03 *Desktop (non-portable) computers*

22 33 06 *Portable computers and personal digital assistants (PDA)*

Computers that can be powered with batteries and thus can be used anywhere

Included are, e.g. computers in combination with mobile phones such as smartphones.

22 33 09 *Public information/transaction terminals*

Included are, e.g. ATM, bank, ticket automats.

22 33 12 *Operating software*

Office software and industrial software, see 28 21 12

22 33 15 *Browser software*

Included are, e.g. software for SMS, WAP and e-mail.

Face-to-face communication software, see 22 21 12

Office software and industrial software, see 28 21 12

22 33 18 *Accessories for computers and networks*

Included are, e.g. external memory units, modems, adapters and cables, CD and DVD drives, networking devices.

Input devices for computers, see 22 36

Output devices for computers, see 22 39

**22 36 Input devices for computers**

Computers and terminals, see 22 33

Output devices for computers, see 22 39

22 36 03 *Keyboards*

Included are, e.g. Braille keyboards.

Accessories for telephoning, see 22 24 21

22 36 12 *Alternate input devices*

Included are, e.g. optical scanners, speech recognition units, touch sensitive boards, data gloves, brain-computer interfaces, motion sensors.

Computer pointing devices, see 22 36 21

22 36 15 *Input accessories*

Devices for linking the input systems with the computer

Included are, e.g. stand-alone word banks and word lists, multiports, cables, boards.

22 36 18 *Input software*

Included are, e.g. one-finger drivers, screen keyboards, optical reading software.

Word processing software, see 22 12 24

Alternate input devices, see 22 36 12

Office software and industrial software, see 28 21 12

22 36 21 *Computer pointing devices*

Assistive products to position screen pointer and to select items on computer display  
Included are, e.g. computer mice, touch pads, track balls, computer joysticks.

Alternate input devices, see 22 36 12

22 39 **Output devices for computers**

Included are, e.g. display monitors, printers, plotters, synthesizers.

Office machines and office equipment, see 28 21 09

22 39 04 *Visual computer displays and accessories*

Devices that display information from a computer visually and accessories that enlarge or otherwise enhance text and images on a computer monitor

Included are, e.g. large print displays, screen magnifiers, glare reduction screens, adaptive software.

22 39 05 *Tactile computer displays*

Devices that display information from a computer tactilely

Included are, e.g. Braille displays, tactile graphic displays.

22 39 06 *Printers*

Included are, e.g. Braille printers/plotters.

22 39 07 *Audible computer displays*

Devices that display information from a computer audibly through speech or other sound

Included are, e.g. speech synthesizers.

22 39 12 *Special output software*

Included are, e.g. software that enlarges the text and graphics displayed on a computer screen, software that reads the display and converts it to speech (screen reader).

Image-enlarging video systems, see 22 03 18

Office software and industrial software, see 28 21 12

Visual computer displays and accessories, see 22 39 04

Audible computer displays, see 22 39 07

22 42 **Interactive devices for computers**

Interactive devices for computers

Included are, e.g. smart boards.

- 24 ASSISTIVE PRODUCTS FOR CONTROLLING, CARRYING, MOVING AND HANDLING OBJECTS AND DEVICES**
- Products intended to facilitate a person's performance of a task requiring the movement or manipulation of an object
- Assistive products for transporting objects in workplaces, see 28 06
  - Assistive products for hoisting and repositioning objects in workplaces, see 28 09
- 24 06 Assistive products for handling containers**
- 24 06 03 *Openers*
- Devices for opening bottles, cans and other containers  
Included are, e.g. support plates.
- Devices for grasping, see 24 18 03
  - Assistive products for fixation, see 24 27
- 24 06 06 *Tube-squeezing devices*
- Devices to assist in the extraction of the contents of a tube  
Included are, e.g. toothpaste dispensing aids.
- 24 09 Assistive products for operating and controlling devices**
- Devices for operating and controlling equipment
- Steering and control systems for wheelchairs, see 12 24 03
  - Gate, door, window and curtain openers/closers, 18 21
  - Environmental control systems, see 24 13 03
- 24 09 03 *Push-buttons*
- Devices that trigger or perform a mechanical action when pressed
- Switches (on/off or other functions), see 24 09 18
- 24 09 06 *Fixed handles and knobs*
- Devices for opening, closing or moving an object by pushing or pulling and that are mounted on that object
- 24 09 09 *Rotating handles and knobs*
- Devices turned, usually with the hand, that initiate an operation when rotated
- 24 09 12 *Pedals (mechanical)*
- A foot-operated lever used to control or to supply power to certain mechanisms, e.g. for a bicycle
- 24 09 15 *Handwheels and crank handles*
- Levers or wheels, connected to a shaft, with a handle or other means by which they are rotated to initiate an action
- 24 09 18 *Switches (on/off or other functions)*
- Devices that activate or deactivate an electrical circuit

Included are, e.g. push-buttons for electrical devices.

Steering and control systems for wheelchairs, see 12 24 03

Computer pointing devices, see 22 36 21

24 09 24 *Switchboards*

Telephone switchboards, see 22 24 18

24 09 28 *Variable electric power sources*

Devices for supplying variable electric power

24 09 30 *Timer switches*

Devices for controlling electrical devices that are programmed at set intervals of time

**24 13 Assistive products for controlling from a distance**

Devices for enabling remote control and operation of electronic and electrical equipment within the living environment to enable independent living

Excluded are environmental control systems as an accessory of other systems or devices.

Gate, door, window and curtain openers/closers, see 18 21

Radio frequency transmission systems, see 22 18 24

Infrared (IR) systems for audio information, see 22 18 27

24 13 03 *Environmental control systems*

Systems for operating devices from a distance

24 13 06 *Personal environmental control software*

Calculation software, see 22 15 09

Face-to-face communication software, see 22 21 12

Telecommunication and telematics software, see 22 24 24

Office software and industrial software, see 28 21 12

**24 18 Assistive products to assist or replace arm function, hand function, finger function or combination of these functions**

Upper limb orthoses, see 06 06

Assistive products for hoisting and repositioning objects in workplaces, see 28 09

Assistive products for fixing, reaching and grasping objects in workplaces, see 28 12

24 18 03 *Devices for grasping*

Products for grasping an object which replace the gripping function of the hands

Included are, e.g. tweezers.

Products for skin protection and skin cleaning, see 09 21

Assistive products for extended reach, see 24 21

Assistive products for carrying and gripping workpieces and tools, see 28 12 03

- 24 18 06 *Grip adapters and attachments*  
 Devices added to a product to enable that product to be grasped  
 Included are, e.g. pen holders, pencil holders, brush-holders.  
     Products to properly grip assistive products for walking, see 12 07 12  
     Assistive products for fixing and positioning workpieces and tools, see 28 12 06
- 24 18 09 *Body-worn holders*  
 Devices worn on the body that hold an object
- 24 18 12 *Stands*  
 Free-standing devices for holding an object in a stable position  
     Products to hold assistive products for walking in place when not in use, see 12 07 27  
     Assistive products for fixing and positioning workpieces and tools, see 28 12 06
- 24 18 15 *Operating sticks*  
 Devices for controlling other devices and input devices for computers  
     Computer pointing devices, see 22 36 21
- 24 18 18 *Pointing lamps*  
 Devices that emit a focused beam of light used to highlight visual media  
     Environmental control systems, see 24 13 03
- 24 18 21 *Devices for paper handling*  
 Products that hold rolls or stacks of paper or feed paper into another device
- 24 18 24 *Manuscript holders*  
 Devices for holding a manuscript in an appropriate position  
     Reading tables, desks and stands, see 18 03 06  
     Book supports and book holders, see 22 30 15  
     Assistive products for positioning, see 24 24  
     Assistive products for fixation, see 24 27  
     Assistive products for fixing and positioning workpieces and tools, see 28 12 06
- 24 18 27 *Arm supports to permit manual activities*  
 Devices supporting the forearm during manual activities, e.g. using a computer or a typewriter  
     Arm supports, see 18 10 09
- 24 18 30 *Robotic manipulators*  
 Powered products, controlled by the user with e.g. a joystick, to replace arm, hand and finger functions, to reach, grasp and move objects in space  
     Assistive products for fixing, reaching and grasping objects in workplaces, see 28 12  
     Machines and tools for use in workplaces, see 28 15

**24 21 Assistive products for extended reach**

Products for reaching objects at a distance

24 21 03 *Manual gripping tongs*

Devices for holding, squeezing or grasping an object at a distance

24 21 06 *Electric gripping tongs*

Powered devices for holding, squeezing or grasping an object at a distance

24 21 09 *Extenders without gripping function*

Devices for lengthening reach and moving an object without gripping it

Dressing and undressing hooks or sticks, see 09 09 12

**24 24 Assistive products for positioning**

Devices for positioning objects close to the person to enable easy reach

Included are, e.g. supply trays on a tilting stand, rotating tables with compartments, switch and device mounting systems.

24 24 03 *Fixed-position systems*

Devices for positioning objects in a fixed position within easy reach and that consist of sets of components

Writing boards, drafting boards and drawing boards, see 22 12 06

Assistive products for fixing and positioning workpieces and tools, see 28 12 06

24 24 06 *Rotating and sliding systems*

Devices for positioning an object in a way that allows rotating and sliding movements and that consist of sets of components which are combined together

Assistive products for fixing and positioning workpieces and tools, see 28 12 06

24 24 09 *Lifting and tilting systems*

Devices for positioning an object in a way that allows lifting and tilting movements and that consist of sets of components which are combined together

Lifting and positioning systems for workplaces, see 28 09 09

**24 27 Assistive products for fixation**

Devices for fixing and securing objects in a position

Equipment for fastening wheelchairs in vehicles, see 12 12 24

Assistive products for fixing, reaching and grasping objects in workplaces, see 28 12

24 27 03 *Suction cups*

Devices for sticking to a surface when pressed against it creating a partial vacuum

24 27 06 *Non-slip pads*

Devices for reducing the risk of slipping by being placed under an object

Non-slip bath mats, non-slip shower mats and non-slip tapes, see 09 33 06

Tips for assistive products for walking, see 12 07 05

Assistive products for fixing and positioning workpieces and tools, see 28 12 06

24 27 12 *Clips and spring-clips*

Devices for holding things together between two “jaws”, which are connected at a fixed point or by a spring

Clothespins, see 15 15 39

24 27 18 *Magnets, magnetic strips and clamps*

Devices for holding and securing objects by magnetism

**24 36 Assistive products for carrying and transporting**

Devices which enable the carrying or transporting of objects for personal use

Devices attached to wheelchairs to hold or carry objects, see 12 24 42

Assistive products for transporting objects in workplaces, see 28 06

Assistive products for fixing, reaching and grasping objects in workplaces, see 28 12

24 36 03 *Assistive products for carrying*

Devices for supporting or holding an object for the purpose of transporting it

Included are, e.g. trays, hooks.

24 36 06 *Sets of castors*

Devices with swivelling rollers/wheels

24 36 09 *Baggage and shopping trolleys*

Devices for transporting goods, with wheels, a handle and one or more sides for support

24 36 12 *Trolleys*

Wheeled, unpowered devices for transporting goods, with a flat surface and with or without a handle

Included are, e.g. tea trolleys, small tables on wheels.

24 36 15 *Assistive products for transport for use with bicycles or wheelchairs*

Wheeled devices for carrying loads that can be connected to, and pulled by, bicycles or wheelchairs

Included are, e.g. cycle trailers that are wheeled, load-carrying devices, connected to, and pulled by, a cycle, trailers towed behind a wheelchair.

Cycles, see 12 18

Foot-propelled tricycles and quadricycles, see 12 18 06

Wheelchair accessories, see 12 24

24 36 18 *Car trailers*

Wheeled devices for carrying loads that can be connected to, and pulled by, a car

Products to carry unoccupied wheelchairs on vehicles or trailers to carry wheelchairs behind vehicles, see 12 12 30

**24 39 Containers for storing objects**

Included are, e.g. containers designed to be easily opened and closed.

Assistive products for preparing food and drink, see 15 03

Assistive products for eating and drinking, see 15 09

Furniture for storage, see 18 36

Openers, see 24 06 03

**27 ASSISTIVE PRODUCTS FOR CONTROLLING, ADAPTING OR MEASURING ELEMENTS OF PHYSICAL ENVIRONMENTS**

Products intended to control or modify specific elements of the physical environment or to measure the conditions and components of the natural or physical environment

Furniture (e.g. chairs, beds or tables) or construction-related products (e.g. light fixtures, plumbing fixtures, door openers, cupboards), see 18

Assistive products for work activities and participation in employment, see 28

**27 03 Assistive products for environmental improvement**

Devices for protecting a person from adverse environmental influences by eliminating or controlling unfavourable factors

*27 03 03 Assistive products for controlling the internal climate*

Devices for regulating the internal climatic features of a confined space (temperature, humidity, ventilation)

Included are, e.g. humidifiers.

*27 03 06 Air cleaners*

Devices that remove pollutants from the air in the internal atmosphere

Air cleaners for workplaces, see 28 24 12

*27 03 09 Assistive products for reducing noise*

Devices or materials that reduce or absorb noise

Included are, e.g. sound-absorbing materials.

Assistive products for noise reduction in workplaces, see 28 24 15

*27 03 12 Assistive products for reducing vibrations*

Devices or materials for dampening vibrations

Assistive products for reducing vibration in workplaces, see 28 24 09

*27 03 15 Assistive products for controlling illumination*

Devices for regulating lighting conditions

- Light fixtures, see 18 06
- Assistive products for operating and controlling devices, see 24 09
- Assistive products for controlling illumination in workplaces, see 28 24 06
- 27 03 18 *Water purifiers and water softeners*  
Devices or materials for purifying or softening water  
Assistive products for dialysis therapy, see 04 15
- 27 06 Measuring instruments**  
Devices for measuring physical properties
- Body thermometers, see 04 24 24
- Personal scales, see 04 24 27
- Assistive products for weighing and measuring to prepare food and drink, see 15 03 03
- Clocks and timepieces, see 22 27 12
- Measuring instruments and equipment for workplaces, see 28 18 03
- 27 06 03 *Assistive products and tools for measuring length*
- 27 06 06 *Assistive products and tools for measuring angles*  
Devices for measuring angles of an object  
Included are, e.g. water levels.
- 27 06 09 *Assistive products and tools for measuring volume*  
Devices for measuring the volume of an object
- 27 06 12 *Assistive products and tools for measuring mass (not of person)*  
Included are, e.g. letter scales.  
Personal scales, see 04 24 27
- 27 06 15 *Assistive products and tools for measuring electrical properties*
- 27 06 18 *Assistive products and tools for measuring pressure*  
Included are, e.g. barometers.
- 27 06 21 *Assistive products and tools for measuring climatic conditions*  
Devices for measuring/observing and identifying climatic conditions (temperature, humidity and ventilation) in a confined space  
Signalling devices, see 22 27 04  
Assistive products and tools for measuring pressure, see 27 06 18
- 27 06 24 *Assistive products and tools for measuring colours*  
Instruments for identifying the different components of colour

27 06 27 *Assistive products and tools for measuring sound levels*

Devices for measuring and indicating sound levels

27 06 30 *Assistive products and tools for measuring density of fluids*

27 06 33 *Assistive products and tools for counting units*

Devices for counting objects by dividing them into groups of equal quantity

## **28 ASSISTIVE PRODUCTS FOR WORK ACTIVITIES AND PARTICIPATION IN EMPLOYMENT**

Products intended to aid a person in engaging in all aspects of a job, trade, occupation or profession, including vocational training

Included are, e.g. machines, devices, vehicles, tools, computer software, production and office equipment, furniture and facilities and materials for vocational assessment and vocational training.

Excluded are products that are mainly used outside the work environment.

Assistive products for education and for training in skills, see 05

Assistive products for activities and participation relating to personal mobility and transportation, see 12

Furnishings, fixtures and other assistive products for supporting activities in indoor and outdoor human-made environments, see 18

Assistive products for communication and information management, see 22

### **28 03 Workplace furniture and furnishing elements**

Tables, see 18 03

Light fixtures, see 18 06

Sitting furniture, see 18 09

Furniture for storage, see 18 36

Assistive products for environmental improvement, see 27 03

28 03 03 *Workdesks*

Desks for writing, reading, drawing or drafting mainly used for workplaces

Included are, e.g. office desks, computer desks.

Reading tables, desks and stands, see 18 03 06

Drafting tables and drawing tables, see 18 03 09

28 03 06 *Workbenches*

Worktables with specific equipment and accessories for manual work in industry and craft

Included are, e.g. welding tables, assembly tables, carpenter's benches, mounting tables.

Benches and cushions for respiration, see 04 03 24

- 28 03 09 *Work chairs and office chairs*  
Adjustable or fixed seating for workplaces  
Included are, e.g. assembly seats.
- Manual wheelchairs, see 12 22
  - Powered wheelchairs, see 12 23
  - Sitting furniture, see 18 09
  - Coxit chairs, see 18 09 09
  - Lounge chairs and easy chairs, see 18 09 15
  - Special sitting furniture, see 18 09 21
  - Modular seating systems, see 18 09 39
  - Accessories for sitting furniture, see 18 10
- 28 03 12 *Stools and standing chairs for workplaces*  
Seats with one or more legs, without or with back or arm supports, that provide general support for a person or specifically for remaining in a standing or near-standing position
- Stools, see 18 09 04
  - Standing chairs, see 18 09 07
- 28 03 15 *Storage and supply systems in workplaces*  
Devices that enable easily accessible storage of objects at workplaces  
Included are, e.g. component boxes, filing cabinets, containers.
- Shelves, see 18 36 03
  - Cupboards, see 18 36 06
- 28 03 18 *Workplace mats*  
Assistive products for reducing vibration in workplaces, see 28 24 09
- 28 03 21 *Partition walls*
- 28 06 Assistive products for transporting objects in workplaces**  
Devices for transporting and moving cargo or other objects over longer distances at work
- Cars, vans and trucks, see 12 10
  - Mass transit vehicles, see 12 11
  - Vehicle accessories and vehicle adaptations, see 12 12
  - Diverse human powered vehicles, see 12 27
- 28 06 04 *Hand operated industrial transport equipment*  
Devices with two or more wheels for transporting goods; a person standing on the floor adjacent to the device operates the device  
Included are, e.g. industrial sets of castors, carts, trolleys.

28 06 05 *Powered pedestrian-operated industrial transport equipment*

Powered devices with two or more wheels for transporting goods; a person standing on the floor adjacent to the device operates the device

28 06 06 *Hand operated lifting trucks*

Manual or power-driven lifting trucks for lifting and moving loads; a person standing on the floor adjacent to the vehicle operates the vehicle

Included are, e.g. pallet lifting trucks, high-lift pallet trucks.

28 06 07 *Powered rider-operated industrial transport vehicles*

Powered devices with two or more wheels for transporting goods; a person sitting in or standing on the vehicle operates the vehicle

Included are, e.g. electric tractors.

28 06 09 *Powered industrial vehicles used to lift and transport materials*

Transport vehicles for lifting and transporting loads; a person sitting in or standing on the vehicle operates the vehicle

Included are, e.g. fork lift trucks, order-picking stackers.

28 06 12 *Conveyors*

Stationary or mobile equipment that transports materials, packages, or other types of items over short distances within a confined path using a moving belt or chain, sets of rollers, vibration or angled chutes

Included are, e.g. conveyor chutes, roller conveyors, belt conveyors, loop and dragline conveyors, vibration conveyors.

**28 09 Assistive products for hoisting and repositioning objects in workplaces**

Devices for raising or repositioning materials, loads or persons in the work environment

Included are, e.g. tackles, balancers, manipulators, lifting tables, lifting and positioning robots, industrial robots, cranes.

Hoists to transfer person into or out of vehicles without wheelchair, see 12 12 15

Assistive products for transferring person seated in wheelchair into or out of vehicles, see 12 12 18

Assistive products for loading unoccupied wheelchairs onto or into vehicles, see 12 12 21

Assistive products for changing body position, see 12 31

Assistive products for lifting persons, see 12 36

Assistive products to assist or replace arm function, hand function, finger function or combination of these functions, see 24 18

Assistive products for transporting objects in workplaces, see 28 06

28 09 03 *Cranes, tackles and load handling attachments*

Manually operated or power-driven lifting equipment with winders or pulleys and attachments for the horizontal and vertical transfer of cargo and other objects

Included are, e.g. travelling crabs, rotary cranes, overhead cranes, chains, cables, ropes, hooks, pulleys, claw grippers.

28 09 06 *Manipulators and weight balancers*

Overhead or floor guided equipment enabling lifting, repositioning and depositing or balancing of cargo and other objects by means of horizontal, vertical and rotary movements

Included are, e.g. remote controlled manipulators.

28 09 09 *Lifting and positioning systems for workplaces*

Stationary, rotating-sliding or inclinable equipment to position or lift cargo and other objects in comfortable reach of the user

Included are, e.g. lifting tables.

Stands, see 24 18 12

Assistive products for positioning, see 24 24

28 09 12 *Lifting platforms for workplaces*

Platforms for lifting and positioning a person to enable work activity on different levels

Assistive products for vertical accessibility, see 18 30

**28 12 Assistive products for fixing, reaching and grasping objects in workplaces**

Devices for securing, gripping, holding, carrying, handling and positioning work equipment for easy use

Assistive products to assist or replace arm function, hand function, finger function or combination of these functions, see 24 18

Assistive products for fixation, see 24 27

28 12 03 *Assistive products for carrying and gripping workpieces and tools*

Devices which enable a person to fix, grasp, carry and handle objects

Included are, e.g. hand magnets.

Assistive products for operating and controlling devices, see 24 09

28 12 06 *Assistive products for fixing and positioning workpieces and tools*

Devices for fixing, securing or positioning tools and other objects used in workplaces such that they can be easily accessed or used by a person

Included are, e.g. screw clamps, vices, clamping devices, brackets, magnets, spring clips, non-slip underlays, rotating tables with compartments, side tables.

Fixed-position systems, see 24 24 03

Rotating and sliding systems, see 24 24 06

**28 15 Machines and tools for use in workplaces**

Tools, heavy equipment and other machines adapted or designed for use by a person in workplaces

- 28 15 03 *Manually operated hand tools*  
Hand devices operated using muscular strength for working with materials or substances  
Included are, e.g. screwdrivers, pliers, cutters, tweezers, vacuum pick-up tools.  
Handicraft tools, materials and equipment, see 30 18
- 28 15 06 *Powered hand tools*  
Power-driven hand-held devices for working with materials and substances  
Included are, e.g. drilling machines, compressed air files, grinders.  
Handicraft tools, materials and equipment, see 30 18
- 28 15 09 *Machines for production and processing of commercial goods*  
Equipment that is not hand-held which remodels materials during production or processing, connects components or materials, separates workpieces or substance mixtures or applies adhesive layers to workpieces
- 28 15 12 *Landscaping, agricultural and construction machines and equipment*  
Hand operated or seated operator equipment and vehicles for the processing and care of green spaces, municipal and agricultural areas or equipment and vehicles for use in construction  
Assistive products for gardening and lawn care for domestic use, see 15 18
- 28 15 15 *Cleaning machines and equipment for workplaces*  
Hand operated or seated operator machines and equipment for wet and dry cleaning of indoor or outdoor areas or work materials  
Assistive products for housecleaning, see 15 12
- 28 15 18 *Accessories for machines and tools*  
Fixtures on machines or tools to protect the body  
Included are, e.g. shavings protective shields.  
Body-worn assistive products for body protection, see 09 06  
Safety devices for workplaces and surrounding areas at work, see 28 24 18
- 28 15 21 *Workplace robots*  
Programmable, stationary or mobile equipment for lifting, positioning and manipulating cargo and other objects and for the implementation of mechanical work in a plant  
Environmental control systems, see 24 13 03  
Assistive products for carrying and transporting, see 24 36  
Assistive products for transporting objects in workplaces, see 28 06
- 28 18 **Devices for testing and monitoring in workplaces****  
Equipment and software for quantitative and qualitative analysis in the production or work process  
Included are, e.g. lasers, sensor apparatus, stethoscopes with hearing amplification.

Physical, physiological and biochemical test equipment and materials, see 04 24

Cognitive test and evaluation materials, see 04 25

Measuring instruments, see 27 06

28 18 03 *Measuring instruments and equipment for workplaces*

Devices for measuring, monitoring and analysing physical, biological and chemical properties at work

Included are, e.g. filling devices, automatic burettes, dosing devices, pipettes, volumetric flasks, microscopes.

Body thermometers, see 04 24 24

Personal scales, see 04 24 27

Assistive products for weighing and measuring to prepare food and drink, see 15 03 03

Clocks and timepieces, see 22 27 12

28 18 06 *Quality assurance devices for workplaces*

Equipment for planning, monitoring and correction when manufacturing products or when conducting an activity, in order to meet the predefined quality requirements

Included are, e.g. tracking systems for assembly processes and software.

**28 21 Assistive products for office administration, information storage and management at work**

Devices which assist with organizing, filing, sorting and processing work in the administrative work area

Assistive products for communication and information management, see 22

28 21 03 *Assistive products for organizing, sorting and filing paper documents*

Included are, e.g. perforators, staplers, consumables.

28 21 06 *Assistive products for processing mail*

Devices to prepare letters, parcels and other material for mailing and to facilitate the delivery and reception of mail

Included are, e.g. franking machines (postage meters), mail sorters, mail openers, envelope stuffing machines.

28 21 09 *Office machines and office equipment*

Included are, e.g. document shredders, copiers.

Output devices for computers, see 22 39

28 21 12 *Office software and industrial software*

Software to facilitate specific work tasks

Included are, e.g. business management software, accounting software, specific company software, software for office organization.

Word processing software, see 22 12 24

Calculation software, see 22 15 09

Calendars and timetables, see 22 27 15

Operating software, see 22 33 12

Browser software, see 22 33 15

Input software, see 22 36 18

Special output software, see 22 39 12

**28 24 Assistive products for health protection and safety in workplaces**

Devices to help ensure health and safety and to control and upgrade the environmental conditions at work

Accessories for machines and tools, see 28 15 18

**28 24 03 *Personal protective equipment for workplaces***

Devices designed to be worn or held by an individual for protection against health and safety hazards

Included are, e.g. products for head protection, eye protection, hearing protection, hand protection, foot protection, airway protection and whole-body protection, safety boots, protective work clothing, work belts.

Foot orthoses, see 06 12 03

Clothes and shoes, see 09 03

Body-worn assistive products for body protection, see 09 06

Products for skin protection and skin cleaning, see 09 21

**28 24 06 *Assistive products for controlling illumination in workplaces***

Devices for regulating lighting conditions at workplaces

Assistive products for controlling illumination, see 27 03 15

**28 24 09 *Assistive products for reducing vibration in workplaces***

Devices or materials for dampening vibrations at workplaces

**28 24 12 *Air cleaners for workplaces***

Devices that remove pollutants at workplaces from the air

Air cleaners, see 27 03 06

**28 24 15 *Assistive products for noise reduction in workplaces***

Devices or materials that reduce or absorb noise at workplaces

Included are, e.g. sound-absorbing materials.

Assistive products for reducing noise, see 27 03 09

**28 24 18 *Safety devices for workplaces and surrounding areas at work***

Devices which are applied in rooms and buildings to minimize hazards

Included are, e.g. path markings, non-slip floor coverings, fire-resistant floor coverings.

- Non-slip bath mats, non-slip shower mats and non-slip tapes, see 09 33 06
- Floor coverings, see 18 24 15
- Non-slip materials for floors and stairs, see 18 33 03
- 28 24 21 *Special software for preventing and reducing physical or mental stress*  
Software for the avoidance and reduction of subjectively felt states of stress at work  
Included are, e.g. guided stress reduction and relaxation programs, body awareness programs, time management programs.
- 28 24 24 *Assistive products for recuperation during work processes*  
Devices which enable a person to recover from mental and physical fatigue at workplaces  
Equipment for movement, strength and balance training, see 04 48
- 28 27 Assistive products for vocational assessment and vocational training**  
Equipment, materials or software that evaluates suitability and aptitude for a vocation or assists a person in the acquisition or development of basic and complex vocational skills  
Assistive products for training in cognitive skills, see 05 12  
Assistive products for training in basic skills, see 05 15  
Assistive products for training in educational subjects, see 05 18  
Assistive products for training in social skills, see 05 27
- 28 27 03 *Assistive products for vocational assessment and vocational guidance*  
Products for testing and evaluating abilities and interests for an occupation, business or profession
- 28 27 07 *Assistive products for vocational training*  
Products that teach basic vocational skills, e.g. computers, use of telecommunication, training in programming, training in economic subjects  
Assistive products for telephoning and telematic messaging, see 22 24  
Assistive products for alarming, indicating, reminding and signalling, see 22 27
- 30 ASSISTIVE PRODUCTS FOR RECREATION AND LEISURE**  
Products intended to facilitate a person's participation in any form of play, sports or hobbies or other forms of recreation and leisure  
Equipment for movement, strength and balance training, including exercise and physical fitness equipment, see 04 48
- 30 03 Assistive products for play**  
Products that enable a person to engage in games with rules or unstructured or unorganized games and spontaneous recreation
- 30 03 03 *Toys*  
Devices, usually for children, designed for play without fixed rules

30 03 06 *Playground equipment*

Indoor and outdoor structures constructed for play, usually by children, without fixed rules

Included are, e.g. playhouses, swings.

30 03 09 *Games*

Products designed to enable a person to engage in recreational activities that follow fixed rules

Included are, e.g. board games, card games, puzzles, video/computer games.

Assistive products for sports, see 30 09

**30 09 Assistive products for sports**

Devices that enable a person to engage in competitive and informal or formally organized games or athletic events, performed alone or in a group

30 09 03 *Assistive products for team ball sports*

Products that enable a person to engage in sports that require teams to move a ball around an indoor or outdoor area to facilitate scoring points

Included are, e.g. American football, baseball, basketball, football (soccer), rugby.

30 09 06 *Assistive products for archery*

Products that enable a person to engage in archery

30 09 09 *Assistive products for boating*

Products that enable a person to engage in boating, including human-powered, mechanically powered and wind-powered (sail) watercraft

30 09 12 *Assistive products for bowling*

Products that enable a person to engage in indoor and outdoor (lawn) bowling

30 09 15 *Assistive products for equestrianism*

Products that enable a person to ride horses

30 09 18 *Assistive products for fencing*

Products that enable a person to engage in fencing

30 09 21 *Assistive products for aviation*

Products that enable a person to fly aircraft

30 09 24 *Assistive products for golf*

Products that enable a person to play golf

30 09 27 *Assistive products for racquet and paddle sports*

Products that enable a person to engage in tennis, ping pong (table tennis), racquetball, squash, badminton and other racquet and paddle sports

- 30 09 30 *Assistive products for shooting*  
Products that enable a person to shoot firearms while hunting or target shooting
- 30 09 33 *Assistive products for swimming and water sports*  
Products that enable a person to engage in swimming and other water sports, including water polo and water skiing
- Assistive products for floating, see 09 33 39
  - Snorkels, see 09 33 42
  - Beach wheelchairs, see 12 22 and 12 23
  - Wheelchairs for pool, see 12 22
  - Assistive products for boating, see 30 09 09
- 30 09 36 *Assistive products for winter sports*  
Products that enable a person to engage in any winter sport including hockey, skiing and ice skating
- Snow wheelchairs, see 12 22 and 12 23
  - Sleds and sledges, see 12 27 10
- 30 09 39 *Assistive products for other sports*
- 30 12 Assistive products for playing and composing music**  
Devices that enable a person to perform, read and create music
- Assistive products for voice training and speech training, see 05 03 03
  - Assistive products for training in musical skills, see 05 24 03
- 30 15 Assistive products for producing photos, films and videos**  
Devices that enable a person to take and process photographs or to produce films or videos
- Video recording and playing devices, see 22 18 06
- 30 18 Handicraft tools, materials and equipment**  
Products that assist a person in the creation of art and crafts
- Manually operated hand tools, see 28 15 03
  - Powered hand tools, see 28 15 06
- 30 18 03 *Tools, materials and equipment for textile handicraft*  
Products used to create crafts made of thread, fabric or another fibre-based material  
Included are, e.g. needlework, macramé, knitting, crochet.
- 30 18 06 *Tools, materials and equipment for pottery*  
Products used to create pottery and other ceramic crafts

- 30 18 09 *Tools, materials and equipment for woodworking*  
Products used to create crafts from wood
- 30 18 12 *Tools, materials and equipment for metalworking*  
Products used to create crafts from metal
- 30 18 15 *Tools, materials and equipment for creative pictorial design*  
Products used to create pictures without the aid of a computer or other electronic means  
Included are, e.g. painting, drawing, sketching, graphic arts.  
Assistive products for training in drawing and painting skills, see 05 24 06  
Manual devices for drawing and handwriting, see 22 12 03  
Writing boards, drafting boards and drawing boards, see 22 12 06  
Drawing and painting software, see 22 12 27
- 30 18 18 *Tools, materials and equipment for handicrafts with other materials*  
Products used to create arts and crafts in multiple media  
Included are, e.g. tiffany work, paper-folding, basket-making.  
Scissors, see 15 15 21
- 30 24 Assistive products for hunting and fishing**
- 30 24 03 *Assistive products for hunting*  
Devices that assist a person to chase, capture or search for wild animals  
Assistive products for archery, see 30 09 06  
Assistive products for shooting, see 30 09 30
- 30 24 06 *Assistive products for fishing*  
Devices that assist a person to attempt to catch any species of fish, including shellfish
- 30 27 Assistive products for camping and caravanning**  
Products to enable a person when camping outdoors or travelling in a camper or other recreational vehicle  
Included are, e.g. tents, recreational vehicles.  
Vehicle accessories and vehicle adaptations, see 12 12
- 30 30 Assistive products for smoking**  
Devices that enable a person to smoke cigarettes, cigars and pipes  
Included are, e.g. adapted ashtrays, lighters, cigarette-holders.
- 30 34 Assistive products for care of animals**  
Products to enable the feeding, cleaning and other care of pets and livestock

## **Annex A** (informative)

### **Membership of ISO 9999 in the WHO Family of International Classifications**

In 2003, this International Standard was accepted as a related member of the WHO Family of International Classifications (WHO-FIC). The WHO-FIC comprises high-quality classifications for relevant sectors of the health system. With this inclusion, the use of this International Standard is encouraged.

This International Standard makes use of the terms and definitions of the International Classification of Functioning, Disability and Health (ICF, WHO:2001). The ICF is a complete and up-to-date survey of human functioning and contains body functions and structures, activity and participation domains and environmental factors. The ICF is one of the core classifications of the WHO-FIC.

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## Annex B (informative)

### Definition of assistive product and the standard title

Considering the ultimate purpose of an assistive product, promoting functioning and health, the Global cooperation on Assistive Health Technology (GATE; a WHO initiative), has indicated that the definition of assistive products needs conceptual expansion to make it more in line with ICF. The “positive approach” of the purpose of an assistive product might be a reason to change the definition using a more positive wording, e.g.:

- any product (including devices, equipment, instruments and software), especially designed and produced or generally available, whose primary purpose is to maintain or improve an individual’s functioning and independence and to facilitate participation.

This definition includes assistive products which are used to protect, support, train, measure or substitute for body functions, structures and activities, as well as assistive products to prevent avoidable impairments, activity limitations and participation restrictions.

From a more “positive approach” of the purpose of assistive products, there is a discussion about changing the title of this International Standard to “*Assistive products — Classification and terminology*” or “*Assistive products for functioning — Classification and terminology*”.

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## Annex C (informative)

### Conversion table between ISO 9999:2011 and ISO 9999:2016

[Table C.1](#) shows the changes in the classification between ISO 9999:2011 and ISO 9999:2016 to facilitate the implementation (e.g. for use in databases) of the new edition.

#### Explanation of the table

Column 1: Headings of the devices (2011 version)

Column 2: Class/subclass and division (2011 version)

Column 3: Remark on change (or no change)

Column 4: Class/subclass/division in the new version (2016)

Column 5: Headings of the devices in the new version (2016)

#### Remarks on changes (explanation on the use of the symbols)

=	Nothing has changed
C	Code has changed, heading the same
~	Code has changed, heading has changed
#	Same code, heading changed
>	New code, new heading, two or more divisions put together
≥	Same code or changed code, same heading, two or more divisions put together
*	Explanation changed
+	Explanation added
<	New code, new heading — Consists of parts of former divisions which have been split up
≤	New code, same heading — Consists of parts of former divisions which have been split up
X	Class/subclass or division has been deleted
!	New class/subclass or division
±	Same code, new heading and new explanation

Table C.1 — Conversion table between ISO 9999:2011 and ISO 9999:2016

2011 edition		2016 edition		
Assistive products for personal medical treatment	04	#*	04	Assistive products for measuring, supporting, training or replacing body functions
Assistive products for respiration	04 03	*	04 03	Assistive products for respiration
Inhaled-air pretreatment devices	04 03 03	=	04 03 03	Inhaled-air pretreatment devices
Inhalation equipment	04 03 06	*	04 03 06	Inhalation equipment
Respirators	04 03 12	*	04 03 12	Respirators
Oxygen units	04 03 18	=	04 03 18	Oxygen units
Aspirators	04 03 21	=	04 03 21	Aspirators
Benches and cushions for respiration	04 03 24	*	04 03 24	Benches and cushions for respiration
Respiration muscle trainers	04 03 27	*	04 03 27	Respiration muscle trainers
Respiration meters	04 03 30	=	04 03 30	Respiration meters
	06 03 24	~*	04 03 33	Uvula supports
Assistive products for circulation therapy	04 06	=	04 06	Assistive products for circulation therapy
Anti-oedema stockings for arms and legs and other parts of the body	04 06 06	≥*	04 06 06	Anti-oedema stockings for arms and legs and other parts of the body
	04 07	≥		
Air-filled garments and compression units for circulation problems	04 06 09	=	04 06 09	Air-filled garments and compression units for circulation problems
Assistive products for scar formation prevention	04 07	≥	04 06 06	
Compression garments for body control and conceptualization	04 08	#*	04 08	Assistive products for stimulating body control and conceptualization
Assistive products for light therapy	04 09	=	04 09	Assistive products for light therapy
Ultraviolet A (UVA) lamps	04 09 03	*	04 09 03	Ultraviolet A (UVA) lamps
Selective Ultraviolet Phototherapy (SUP) and Ultraviolet B (UVB) lamps	04 09 06	*	04 09 06	Selective Ultraviolet Phototherapy (SUP) and Ultraviolet B (UVB) lamps
Protective eyeglasses for light therapy	04 09 09	=	04 09 09	Protective eyeglasses for light therapy
		!	04 09 12	Daylight therapy lamps
Assistive products for dialysis therapy	04 15	=	04 15	Assistive products for dialysis therapy
Haemodialysis units (HD)	04 15 03	*	04 15 03	Haemodialysis units (HD)
Units for continuous ambulant peritoneal dialysis (CAPD)	04 15 06	*	04 15 06	Units for continuous ambulant peritoneal dialysis (CAPD)
Instrument sets for dialysis	04 15 12	*	04 15 12	Instrument sets for dialysis
Assistive products for administering medicines	04 19	=	04 19	Assistive products for administering medicines
Assistive products for measuring, dispensing or modifying medication to ensure its proper use	04 19 04	*	04 19 04	Assistive products for measuring, dispensing or modifying medication to ensure its proper use
Injection guns	04 19 06	=	04 19 06	Injection guns
Injection syringes, single-use	04 19 09	*	04 19 09	Injection syringes, single-use
Injection syringes, multi-use	04 19 12	=	04 19 12	Injection syringes, multi-use
Injection needles, single-use	04 19 15	*	04 19 15	Injection needles, single-use
Injection needles, multi-use or permanent use	04 19 18	=	04 19 18	Injection needles, multi-use or permanent use
Infusion pumps	04 19 24	*	04 19 24	Infusion pumps
Unpowered infusion systems	04 19 27	=	04 19 27	Unpowered infusion systems
Assistive products for inserting suppositories	04 19 30	=	04 19 30	Assistive products for inserting suppositories
Accessories for assistive products for administering medicines	04 19 33	*	04 19 33	Accessories for assistive products for administering medicines
Sterilizing equipment	04 22	=	04 22	Sterilizing equipment

Table C.1 (continued)

2011 edition			2016 edition		
Physical, physiological and biochemical test equipment and materials	04 24	*	04 24	Physical, physiological and biochemical test equipment and materials	
Urine analysis equipment	04 24 03	=	04 24 03	Urine analysis equipment	
Bacteria culture media and equipment	04 24 06	=	04 24 06	Bacteria culture media and equipment	
Blood pressure meters (sphygmomanometers)	04 24 09	=	04 24 09	Blood pressure meters (sphygmomanometers)	
Blood analysis devices, equipment and materials	04 24 12	*	04 24 12	Blood analysis devices, equipment and materials	
Electrocardiogram (ECG) equipment	04 24 15	=	04 24 15	Electrocardiogram (ECG) equipment	
Physical test and evaluation materials	04 24 18	=	04 24 18	Physical test and evaluation materials	
Assistive products for measuring human physical and physiological properties	04 24 21	=	04 24 21	Assistive products for measuring human physical and physiological properties	
Body thermometers	04 24 24	=	04 24 24	Body thermometers	
Personal scales	04 24 27	*	04 24 27	Personal scales	
Assistive products for measuring skin condition	04 24 30	=	04 24 30	Assistive products for measuring skin condition	
Cognitive test and evaluation materials	04 25	=	04 25	Cognitive test and evaluation materials	
Language test and evaluation materials	04 25 03	=	04 25 03	Language test and evaluation materials	
Psychological test and evaluation materials	04 25 06	=	04 25 06	Psychological test and evaluation materials	
Educational test and evaluation materials <sup>a</sup>	04 25 09	X			
Assistive products for cognitive therapy	04 26	*	04 26	Assistive products for cognitive therapy	
Stimulators	04 27	=	04 27	Stimulators	
Stimulators for pain relief	04 27 06	=	04 27 06	Stimulators for pain relief	
Muscle stimulators not used as orthoses	04 27 09	=	04 27 09	Muscle stimulators not used as orthoses	
Vibrators	04 27 12	*	04 27 12	Vibrators	
Sound stimulators	04 27 15	=	04 27 15	Sound stimulators	
Assistive products for stimulating senses and sensibility	04 27 18	*	04 27 18	Assistive products for stimulating senses and sensibility	
Assistive products for stimulating cell growth	04 27 21	=	04 27 21	Assistive products for stimulating cell growth	
		!	04 27 24	Stimulators used in connection with implants	
Assistive products for heat treatment or cold treatment	04 30	=	04 30	Assistive products for heat treatment or cold treatment	
Assistive products for heat treatment	04 30 03	*	04 30 03	Assistive products for heat treatment	
Assistive products for cold treatment	04 30 06	=	04 30 06	Assistive products for cold treatment	
Assistive products intended to manage tissue integrity	04 33	*	04 33	Assistive products intended to manage tissue integrity	
Seat cushions and underlays for tissue integrity	04 33 03	=	04 33 03	Seat cushions and underlays for tissue integrity	
Back cushions and back pads for tissue integrity	04 33 04	=	04 33 04	Back cushions and back pads for tissue integrity	
Assistive products for tissue integrity when lying down	04 33 06	*	04 33 06	Assistive products for tissue integrity when lying down	
Special equipment for tissue integrity	04 33 09	=	04 33 09	Special equipment for tissue integrity	
Assistive products for perceptual training	04 36	=	04 36	Assistive products for perceptual training	
Assistive products for training in perceptual discrimination and matching	04 36 03	*	04 36 03	Assistive products for training in perceptual discrimination and matching	
Assistive products for training in perceptual coordination	04 36 06	=	04 36 06	Assistive products for training in perceptual coordination	
Assistive products for training in sensory integration	04 36 09	=	04 36 09	Assistive products for training in sensory integration	
Assistive products for spinal traction	04 45	=	04 45	Assistive products for spinal traction	

Table C.1 (continued)

2011 edition				2016 edition	
Equipment for movement, strength and balance training	04 48	=	04 48	Equipment for movement, strength and balance training	
Exercise and ergometer cycles	04 48 03	*	04 48 03	Exercise and ergometer cycles	
Assistive products for walking exercise	04 48 07	#*	04 48 07	Assistive products for exercising gait pattern	
Standing frames and supports for standing	04 48 08	C	05 36 03		
Finger and hand exercise devices	04 48 12	=	04 48 12	Finger and hand exercise devices	
Arm exercise devices, trunk exercise devices and leg exercise devices	04 48 15	*	04 48 15	Arm exercise devices, trunk exercise devices and leg exercise devices	
Weighted cuffs	04 48 18	=	04 48 18	Weighted cuffs	
Tilting tables	04 48 21	C	05 36 06		
Biofeedback devices for movement, strength and balance training	04 48 24	=	04 48 24	Biofeedback devices for movement, strength and balance training	
Assistive products for body positioning during therapy	04 48 27	=	04 48 27	Assistive products for body positioning during therapy	
Jaw exercise devices	04 48 30	=	04 48 30	Jaw exercise devices	
Wound care products	04 49	*	04 49	Wound care products	
Assistive products for training in skills	05	#*	05	Assistive products for education and for training in skills	
Assistive products for communication therapy and communication training	05 03	=	05 03	Assistive products for communication therapy and communication training	
Assistive products for voice training and speech training	05 03 03	*	05 03 03	Assistive products for voice training and speech training	
Training materials for developing reading skills	05 03 06	=	05 03 06	Training materials for developing reading skills	
Training materials for developing writing skills	05 03 09	=	05 03 09	Training materials for developing writing skills	
Assistive products for training in alternative and augmentative communication	05 06	*	05 06	Assistive products for training in alternative and augmentative communication	
Assistive products for training in finger spelling	05 06 03	*	05 06 03	Assistive products for training in finger spelling	
Assistive products for training in sign language	05 06 06	*	05 06 06	Assistive products for training in sign language	
Assistive products for training in lip-reading	05 06 09	*	05 06 09	Assistive products for training in lip-reading	
Assistive products for training in cued speech	05 06 12	=	05 06 12	Assistive products for training in cued speech	
Assistive products for Braille training	05 06 15	*	05 06 15	Assistive products for Braille training	
Assistive products for training in tactile symbols excluding Braille	05 06 18	=	05 06 18	Assistive products for training in tactile symbols excluding Braille	
Assistive products for training in icons and symbols	05 06 21	=	05 06 21	Assistive products for training in icons and symbols	
Assistive products for training in Bliss communication	05 06 24	*	05 06 24	Assistive products for training in Bliss communication	
Assistive products for training in communication with pictures and drawings	05 06 27	=	05 06 27	Assistive products for training in communication with pictures and drawings	
Assistive products for training in Morse communication	05 06 30	*	05 06 30	Assistive products for training in Morse communication	
Assistive products for continence training	05 09	*	05 09	Assistive products for continence training	
Incontinence alarms	05 09 03	=	05 09 03	Incontinence alarms	
Assistive products for training in cognitive skills	05 12	*	05 12	Assistive products for training in cognitive skills	
Assistive products for memory training	05 12 03	=	05 12 03	Assistive products for memory training	
Assistive products for training in sequencing	05 12 06	=	05 12 06	Assistive products for training in sequencing	
Assistive products for training in attention	05 12 09	=	05 12 09	Assistive products for training in attention	

Table C.1 (continued)

2011 edition				2016 edition	
Assistive products for training in concept development	05 12 12	=	05 12 12	Assistive products for training in concept development	
Assistive products for training in classification	05 12 15	=	05 12 15	Assistive products for training in classification	
Assistive products for training in problem solving	05 12 18	=	05 12 18	Assistive products for training in problem solving	
Assistive products for training inductive/deductive reasoning	05 12 21	=	05 12 21	Assistive products for training inductive/deductive reasoning	
Assistive products for developing understanding of cause and effect	05 12 24	=	05 12 24	Assistive products for developing understanding of cause and effect	
Assistive products for training in basic skills	05 15	=	05 15	Assistive products for training in basic skills	
Assistive products for early training in counting	05 15 03	=	05 15 03	Assistive products for early training in counting	
Assistive products for coding and decoding written language	05 15 06	=	05 15 06	Assistive products for coding and decoding written language	
Assistive products for training in understanding of time	05 15 09	=	05 15 09	Assistive products for training in understanding of time	
Assistive products for training in understanding of money	05 15 12	=	05 15 12	Assistive products for training in understanding of money	
Assistive products for training in understanding measurement of size and capacity	05 15 15	=	05 15 15	Assistive products for training in understanding measurement of size and capacity	
Assistive products for training in basic geometric skills	05 15 18	*	05 15 18	Assistive products for training in basic geometric skills	
Assistive products for training in educational subjects	05 18	*	05 18	Assistive products for training in educational subjects	
Assistive products for mother tongue training	05 18 03	*	05 18 03	Assistive products for mother tongue training	
Assistive products for foreign language training	05 18 06	*	05 18 06	Assistive products for foreign language training	
Assistive products for training in humanities	05 18 09	*	05 18 09	Assistive products for training in humanities	
Assistive products for training in social sciences	05 18 12	*	05 18 12	Assistive products for training in social sciences	
Assistive products for training in mathematics and physical sciences	05 18 15	*	05 18 15	Assistive products for training in mathematics and physical sciences	
Assistive products for training in the arts	05 24	#*	05 24	Assistive products for training in arts	
Assistive products for training in musical skills	05 24 03	=	05 24 03	Assistive products for training in musical skills	
Assistive products for training in drawing and painting skills	05 24 06	=	05 24 06	Assistive products for training in drawing and painting skills	
Assistive products for training in drama and dance	05 24 09	=	05 24 09	Assistive products for training in drama and dance	
Assistive products for training in social skills	05 27	*	05 27	Assistive products for training in social skills	
Assistive products for training in recreational activities	05 27 03	*	05 27 03	Assistive products for training in recreational activities	
Assistive products for training in social behaviour	05 27 06	=	05 27 06	Assistive products for training in social behaviour	
Assistive products for personal safety training	05 27 09	=	05 27 09	Assistive products for personal safety training	
Assistive products for travel training	05 27 12	*	05 27 12	Assistive products for travel training	
Assistive products for training in control of input units and handling products and goods	05 30	*	05 30	Assistive products for training in control of input units and handling products and goods	
Assistive products for training in mouse control	05 30 03	=	05 30 03	Assistive products for training in mouse control	
Assistive products for training in joystick control	05 30 06	=	05 30 06	Assistive products for training in joystick control	

Table C.1 (continued)

2011 edition		2016 edition	
Assistive products for training in switch control	05 30 09	=	05 30 09 Assistive products for training in switch control
Assistive products for training in typing	05 30 12	=	05 30 12 Assistive products for training in typing
Assistive products for training in selection techniques	05 30 15	=	05 30 15 Assistive products for training in selection techniques
Assistive products for training in daily living activities	05 33	*	05 33 Assistive products for training in daily living activities
Assistive products for training to use orthoses and prostheses	05 33 03	*	05 33 03 Assistive products for training to use orthoses and prostheses
Assistive products for training in everyday personal activities	05 33 06	=	05 33 06 Assistive products for training in everyday personal activities
Assistive products for training in personal mobility	05 33 09	*	05 33 09 Assistive products for training in personal mobility
Assistive products for training in housekeeping	05 33 12	*	05 33 12 Assistive products for training in housekeeping
		!	05 36 Assistive products for training in changing and maintaining body position
		C	05 36 03 Standing frames and supports for standing
		C	05 36 06 Tilting tables
Orthoses and prostheses	06	#*	06 Assistive products attached to the body for supporting neuromusculoskeletal or movement related functions (orthoses) and replacing anatomical structures (prostheses)
Spinal and cranial orthoses	06 03	*	06 03 Spinal and cranial orthoses
Sacro-iliac orthoses	06 03 03	=	06 03 03 Sacro-iliac orthoses
Lumbar orthoses	06 03 04	X	
Lumbo-sacral orthoses	06 03 06	=	06 03 06 Lumbo-sacral orthoses
Thoracic orthoses	06 03 07	=	06 03 07 Thoracic orthoses
Thoraco-lumbar orthoses	06 03 08	=	06 03 08 Thoraco-lumbar orthoses
Thoraco-lumbo-sacral orthoses	06 03 09	=	06 03 09 Thoraco-lumbo-sacral orthoses
Cervical orthoses	06 03 12	*	06 03 12 Cervical orthoses
Cervico-thoracic orthoses	06 03 15	*	06 03 15 Cervico-thoracic orthoses
Cervico-thoraco-lumbo-sacral orthoses	06 03 18	*	06 03 18 Cervico-thoraco-lumbo-sacral orthoses
Cranial orthoses	06 03 21	=	06 03 21 Cranial orthoses
Uvula orthoses	06 03 24	~*	04 03 33
Joints for spinal orthoses	06 03 27	#*	06 03 27 Articulating components for spinal orthoses
		!	06 03 30 Interface components for spinal and cranial orthoses
		!	06 03 33 Structural components for spinal and cranial orthoses
		!	06 03 36 Finishing (cosmetic) components for spinal and cranial orthoses
		!	06 03 39 Mandibular advancement devices
Abdominal orthoses	06 04	=	06 04 Abdominal orthoses
Abdominal muscle supports	06 04 03	=	06 04 03 Abdominal muscle supports
Abdominal hernia supports	06 04 06	*	06 04 06 Abdominal hernia supports
		!	06 04 09 Interface components for abdominal orthoses
		!	06 04 12 Finishing (cosmetic) components for abdominal orthoses
Upper limb orthoses	06 06	*	06 06 Upper limb orthoses
Finger orthoses	06 06 03	=	06 06 03 Finger orthoses

Table C.1 (continued)

2011 edition				2016 edition	
Hand orthoses	06 06 06	=	06 06 06	Hand orthoses	
Hand-finger orthoses	06 06 07	=	06 06 07	Hand-finger orthoses	
Wrist-hand orthoses	06 06 12	=	06 06 12	Wrist-hand orthoses	
Wrist-hand-finger orthoses	06 06 13	=	06 06 13	Wrist-hand-finger orthoses	
Elbow orthoses	06 06 15	=	06 06 15	Elbow orthoses	
Elbow-wrist-hand orthoses	06 06 19	=	06 06 19	Elbow-wrist-hand orthoses	
Forearm orthoses	06 06 20	#	06 06 20	Fore-arm orthoses	
Shoulder orthoses	06 06 21	=	06 06 21	Shoulder orthoses	
Shoulder-elbow orthoses	06 06 24	=	06 06 24	Shoulder-elbow orthoses	
Arm orthoses	06 06 25	#	06 06 25	Upper-arm orthoses	
Shoulder-elbow-wrist-hand orthoses	06 06 30	=	06 06 30	Shoulder-elbow-wrist-hand orthoses	
Hand-finger joints	06 06 32	#*	06 06 32	Hand joints and finger joints	
Wrist joints	06 06 33	*	06 06 33	Wrist joints	
Elbow joints	06 06 36	*	06 06 36	Elbow joints	
Shoulder joints	06 06 39	*	06 06 39	Shoulder joints	
			!	06 06 42	Interface components for upper limb orthoses
			!	06 06 45	Structural components for upper limb orthoses
			!	06 06 48	Finishing (cosmetic) components for upper limb orthoses
Lower limb orthoses	06 12	*	06 12	Lower limb orthoses	
Foot orthoses	06 12 03	*	06 12 03	Foot orthoses	
	06 33	≥			
	06 33 04	≥			
	06 33 05	≥			
	06 33 07	≥			
	06 33 12	≥			
	06 33 15	≥			
	06 33 18	≥			
	06 33 21	≥			
	06 33 24	≥			
	06 33 27	≥			
	06 33 30	≥			
Ankle-foot orthoses	06 12 06	=	06 12 06	Ankle-foot orthoses	
Knee orthoses	06 12 09	=	06 12 09	Knee orthoses	
Knee-ankle-foot orthoses	06 12 12	=	06 12 12	Knee-ankle-foot orthoses	
Leg orthoses	06 12 13	#*	06 12 13	Lower leg orthoses	
Hip orthoses	06 12 15	=	06 12 15	Hip orthoses	
Hip-knee orthoses	06 12 16	=	06 12 16	Hip-knee orthoses	
Thigh orthoses	06 12 17	*	06 12 17	Thigh orthoses	
Hip-knee-ankle-foot orthoses	06 12 18	=	06 12 18	Hip-knee-ankle-foot orthoses	
Thoraco-lumbo/lumbo-sacral-hip-knee-ankle-foot orthoses	06 12 19	#	06 12 19	(Thoraco-)lumbo-sacral-hip-knee-ankle-foot orthoses	
Foot-toe joints	06 12 20	*	06 12 20	Foot-toe joints	
Ankle joints	06 12 21	*	06 12 21	Ankle joints	
Knee joints	06 12 24	*	06 12 24	Knee joints	
Hip joints	06 12 27	*	06 12 27	Hip joints	

Table C.1 (continued)

2011 edition		2016 edition	
		!	06 12 30 Interface components for lower limb orthoses
		!	06 12 33 Structural components for lower limb orthoses
		!	06 12 36 Finishing (cosmetic) components for lower limb orthoses
Functional neuromuscular stimulators and hybrid orthoses	06 15	*	06 15 Functional neuromuscular stimulators and hybrid orthoses
Upper limb prostheses	06 18	*	06 18 Upper limb prostheses
Partial hand prostheses	06 18 03	*	06 18 03 Partial hand prostheses
Wrist disarticulation prostheses	06 18 06	*	06 18 06 Wrist disarticulation prostheses
Trans-radial prostheses	06 18 09	*	06 18 09 Trans-radial prostheses
Elbow disarticulation prostheses	06 18 12	*	06 18 12 Elbow disarticulation prostheses
Trans-humeral prostheses	06 18 15	*	06 18 15 Trans-humeral prostheses
Shoulder disarticulation prostheses	06 18 18	*	06 18 18 Shoulder disarticulation prostheses
Forequarter amputation prostheses	06 18 21	*	06 18 21 Scapulo-thoracic disarticulation prostheses
Prosthetic hands	06 18 24	#*	06 18 24 Prosthetic hands and prosthetic digits
Split hooks	06 18 25	#*	06 18 25 Split hooks and other terminal devices to employ a pincer action
Appliances or tools for prosthetic hands with a particular function	06 18 26	#*	06 18 26 Specialized appliances or tools for prosthetic hands
Wrist units	06 18 30	*	06 18 30 Wrist units
Elbow units	06 18 33	*	06 18 33 Elbow units
Shoulder units	06 18 36	*	06 18 36 Shoulder units
External joints for upper limb prostheses	06 18 39	#*	06 18 39 External (side) joints for upper limb prostheses
Humeral rotation units	06 18 40	*	06 18 40 Humeral rotation units
Additional humeral flexion units	06 18 41	#*	06 18 41 Additional flexion units
		!	06 18 42 Sockets for upper limb prostheses
		!	06 18 45 Liners for upper limb prostheses
		!	06 18 48 Suspensory components
		!	06 18 51 Alignment components of upper limb prostheses
		!	06 18 54 Structural components of upper limb prostheses
		!	06 18 57 Finishing (cosmetic) components of upper limb prostheses
Lower limb prostheses	06 24	*	06 24 Lower limb prostheses
Partial foot prostheses	06 24 03	*	06 24 03 Partial foot prostheses
Ankle disarticulation prostheses	06 24 06	*	06 24 06 Ankle disarticulation prostheses
Trans-tibial prostheses	06 24 09	*	06 24 09 Trans-tibial prostheses
Knee disarticulation prostheses	06 24 12	*	06 24 12 Knee disarticulation prostheses
Trans-femoral prostheses	06 24 15	*	06 24 15 Trans-femoral prostheses
Hip disarticulation prostheses	06 24 18	*	06 24 18 Hip disarticulation prostheses
Trans-pelvic prostheses	06 24 21	*	06 24 21 Trans-pelvic prostheses
Hemi-corporectomy prostheses	06 24 24	X	
Ankle-foot units	06 24 27	*	06 24 27 Ankle-foot units
Torque reducers	06 24 30	#*	06 24 30 Axial rotators (Torque reducers)
Shock absorbers	06 24 31	#*	06 24 31 Load attenuators (Shock absorbers)
		!	06 24 32 Prosthetic turntables

Table C.1 (continued)

2011 edition			2016 edition		
Knee units	06 24 33	*	06 24 33	Knee units	
Hip units	06 24 36	*	06 24 36	Hip units	
External joints for lower limb prostheses	06 24 37	#*	06 24 37	External (side) joints for lower limb prostheses	
Liners	06 24 40	#*	06 24 40	Liners for lower limb prostheses	
Prefabricated sockets	06 24 41	#*	06 24 41	Sockets for lower limb prostheses	
			!	06 24 42	Suspensory components for lower limb prostheses
Alignment components for lower limb prostheses	06 24 45	*	06 24 45	Alignment components for lower limb prostheses	
			!	06 24 46	Structural components for lower limb prostheses
			!	06 24 47	Finishing (cosmetic) components for lower limb prostheses
Temporary prostheses for lower limb amputees	06 24 48	=	06 24 48	Temporary prostheses for lower limb amputees	
Prostheses other than limb prostheses	06 30	=	06 30	Prostheses other than limb prostheses	
Wigs	06 30 03	=	06 30 03	Wigs	
Hairpieces and toupees	06 30 06	=	06 30 06	Hairpieces and toupees	
Eyelashes and eyebrows	06 30 09	=	06 30 09	Eyelashes and eyebrows	
Moustaches and beards	06 30 12	=	06 30 12	Moustaches and beards	
Back fillers	06 30 15	=	06 30 15	Back fillers	
Mammary prostheses	06 30 18	=	06 30 18	Mammary prostheses	
Ocular prostheses	06 30 21	=	06 30 21	Ocular prostheses	
Aural prostheses	06 30 24	=	06 30 24	Aural prostheses	
Nasal prostheses	06 30 27	=	06 30 27	Nasal prostheses	
Composite facial prostheses	06 30 30	=	06 30 30	Composite facial prostheses	
Palate prostheses	06 30 33	=	06 30 33	Palate prostheses	
Dentures	06 30 36	=	06 30 36	Dentures	
Skin-covering agents	06 30 39	=	06 30 39	Skin-covering agents	
Orthopaedic footwear	06 33	X	06 12 03	(Subclass 06 33 was Included in Class 06 12 03) <sup>b</sup>	
Orthopaedic shoes to prevent deformity	06 33 04	X			
Orthopaedic shoes to reduce deformity	06 33 05	X			
Orthopaedic shoes to hold deformity	06 33 07	X			
Orthopaedic shoes to limit the range of motion of joints in ankle and foot	06 33 12	X			
Orthopaedic shoes to increase the range of motion of joints in ankle and foot	06 33 15	X			
Orthopaedic shoes to add to the length of the leg and foot	06 33 18	X			
Orthopaedic shoes to improve the shape of the leg and foot	06 33 21	X			
Orthopaedic shoes to compensate for weak muscle activity	06 33 24	X			
Orthopaedic shoes to control the effect of muscle hyperactivity	06 33 27	X			
Orthopaedic shoes to reduce or distribute load on tissue	06 33 30	X			
Assistive products for personal care and protection	09	#*	09	Assistive products for self-care activities and participation in self-care	

Table C.1 (continued)

2011 edition			2016 edition		
Clothes and shoes	09 03	*	09 03	Clothes and shoes	
Outerwear	09 03 05	=	09 03 05	Outerwear	
Headwear	09 03 09	=	09 03 09	Headwear	
Gloves and mittens	09 03 12	=	09 03 12	Gloves and mittens	
Blouses and shirts	09 03 15	=	09 03 15	Blouses and shirts	
Jackets and trousers	09 03 18	=	09 03 18	Jackets and trousers	
Skirts and dresses	09 03 21	=	09 03 21	Skirts and dresses	
Underwear	09 03 24	=	09 03 24	Underwear	
Stockings and socks	09 03 27	=	09 03 27	Stockings and socks	
Nightwear	09 03 30	=	09 03 30	Nightwear	
Bathing wear	09 03 33	*	09 03 33	Bathing wear	
Bibs and aprons	09 03 39	=	09 03 39	Bibs and aprons	
Shoes and boots	09 03 42	*	09 03 42	Shoes and boots	
Anti-slip assistive products for shoes and boots	09 03 45	=	09 03 45	Anti-slip assistive products for shoes and boots	
Buttoning devices and fasteners	09 03 48	*	09 03 48	Buttoning devices and fasteners	
Ties with special features to fasten	09 03 51	*	09 03 51	Ties with special features to fasten	
Body-worn assistive products for body protection	09 06	*	09 06	Body-worn assistive products for body protection	
Assistive products for head protection	09 06 03	=	09 06 03	Assistive products for head protection	
Assistive products for eye protection or face protection	09 06 06	*	09 06 06	Assistive products for eye protection or face protection	
Assistive products for ear protection or hearing protection	09 06 09	=	09 06 09	Assistive products for ear protection or hearing protection	
Assistive products for elbow protection or arm protection	09 06 12	*	09 06 12	Assistive products for elbow protection or arm protection	
Assistive products for hand protection	09 06 15	*	09 06 15	Assistive products for hand protection	
Assistive products for knee protection or leg protection	09 06 18	=	09 06 18	Assistive products for knee protection or leg protection	
Assistive products for heel protection, toe protection or foot protection	09 06 21	=	09 06 21	Assistive products for heel protection, toe protection or foot protection	
Assistive products for trunk protection or whole-body protection	09 06 24	=	09 06 24	Assistive products for trunk protection or whole-body protection	
Assistive products for airway protection	09 06 27	=	09 06 27	Assistive products for airway protection	
Assistive products for body stabilization	09 07	*	09 07	Assistive products for body stabilization	
		!	09 07 03	Seat belts, belts and harnesses for body stabilization	
	12 24 30	>			
		!	09 07 06	Positioning pillows, positioning cushions and positioning systems	
Assistive products for dressing and undressing	09 09	=	09 09	Assistive products for dressing and undressing	
Assistive products for applying socks and pantyhose	09 09 03	#*	09 09 03	Assistive products for putting on or removing socks and pantyhose	
Shoehorns and bootjacks	09 09 06	*	09 09 06	Shoehorns and bootjacks	
Clothes holders	09 09 09	=	09 09 09	Clothes holders	
Dressing and undressing hooks or sticks	09 09 12	=	09 09 12	Dressing and undressing hooks or sticks	
Zipper pullers	09 09 15	*	09 09 15	Zipper pullers	
Button hooks	09 09 18	*	09 09 18	Button hooks	
Assistive products for toileting	09 12	=	09 12	Assistive products for toileting	

Table C.1 (continued)

2011 edition				2016 edition	
Commode chairs	09 12 03	*	09 12 03	Commode chairs	
Toilets	09 12 06	*	09 12 06	Toilets	
Toilet seats	09 12 09	=	09 12 09	Toilet seats	
		!	09 12 10	Toilet splash guards	
Raised toilet seats mounted on frame	09 12 12	*	09 12 12	Raised toilet seats mounted on frame	
Toilet seats inserts	09 12 15	#*	09 12 15	Toilet seat inserts	
Raised toilet seats fixed to toilet	09 12 18	*	09 12 18	Raised toilet seats fixed to toilet	
Toilet seats with built-in raising mechanism to help standing up and sitting down	09 12 21	#*	09 12 21	Toilet seats with built-in raising mechanism to assist standing up and sitting down	
Toilet arm supports and toilet back supports mounted on toilet	09 12 24	=	09 12 24	Toilet arm supports and toilet back supports mounted on toilet	
Toilet arm supports and toilet back supports, free-standing	09 12 25	=	09 12 25	Toilet arm supports and toilet back supports, free-standing	
Toilet paper tongs	09 12 27	=	09 12 27	Toilet paper tongs	
Toilet roll holders	09 12 30	=	09 12 30	Toilet roll holders	
Bedpans	09 12 33	=	09 12 33	Bedpans	
Douches and air dryers for attachment to a toilet	09 12 36	*	09 12 36	Douches and air dryers for attachment to a toilet	
Wall-mounted urinals	09 12 39	=	09 12 39	Wall-mounted urinals	
Transportable hygiene rooms	09 12 43	=	09 12 43	Transportable hygiene rooms	
Assistive products for tracheostomy care	09 15	*	09 15	Assistive products for tracheostomy care	
Tracheostoma cannulas	09 15 03	*	09 15 03	Tracheostoma cannulas	
		!	09 15 04	Lary tubes	
Tracheostoma protectors	09 15 06	*	09 15 06	Tracheostoma protectors	
		!	09 15 12	Accessories for tracheostomy care	
Assistive products for ostomy care	09 18	*	09 18	Assistive products for ostomy care	
One-piece closed-ended ostomy bags	09 18 04	>	09 18 10		
Two-piece system closed-ended ostomy bags	09 18 05	<	09 18 11		
		<	09 18 16		
One-piece open-ended ostomy bags with non-return valve	09 18 07	>	09 18 10		
Two-piece system open-ended ostomy bags with non-return valve	09 18 08	<	09 18 11		
		<	09 18 16		
Support and pressure products for ostomy bags	09 18 09	>	09 18 19		
	09 18 04	>	09 18 10	One-piece effluent systems for ostomy care	
	09 18 07	>			
	09 18 39	>			
	09 18 05	>	09 18 11	Plates for two-piece effluent systems for ostomy care	
	09 18 08	>			
	09 18 42	>			
Press plates and belts for ostomy care	09 18 13	>	09 18 19		
Adhesive products for ostomy care	09 18 14	>	09 18 31		
Ostomy bag closures	09 18 15	>	09 18 51		
	09 18 05	>	09 18 16	Bags for two piece effluent systems for ostomy care	
	09 18 08	>			

Table C.1 (continued)

2011 edition			2016 edition
	09 18 42	>	
		!	09 18 17 Additional bags for ostomy care
Odour absorbents and deodorizers for ostomy care	09 18 18	>	09 18 51
	09 18 09	>	09 18 19 Assistive products for supporting and holding in place effluent systems for ostomy care
	09 18 13	>	
	09 18 45	<	09 18 20 Filling products for ostomy care
Pocket supports for ostomy bags	09 18 21	>	09 18 51
		!	09 18 22 Assistive product for dilatating stoma
Assistive products for bowel irrigation	09 18 24	*	09 18 24 Assistive products for bowel irrigation
	09 18 33	>	09 18 28 Assistive products for draining or flushing internal stoma
	09 18 36	>	
Stoma shields	09 18 30	>	09 18 31
	09 18 14	>	09 18 31 Assistive products for sealing stoma
	09 18 30	>	
	09 18 45	>	
Stoma drainage catheters	09 18 33	>	09 18 28
Flushing syringes for ostomy care	09 18 36	>	09 18 28
One-piece open-ended ostomy bags	09 18 39	>	09 18 10
Two-piece system open-ended ostomy bags	09 18 42	<	09 18 11
		<	09 18 16
Skin barriers for ostomy care	09 18 45	>	09 18 20
		<	09 18 31
Post-operative ostomy bags and accessories	09 18 48	=	09 18 48 Post-operative ostomy bags and accessories
	09 18 15	>	09 18 51 Accessories for ostomy care
	09 18 18	>	
	09 18 21	>	
Products for skin protection and skin cleaning	09 21	*	09 21 Products for skin protection and skin cleaning
Adhesive solvents	09 21 03	=	09 21 03 Adhesive solvents
Skin detergents	09 21 06	=	09 21 06 Skin detergents
Disinfectants	09 21 09	=	09 21 09 Disinfectants
Sealing materials	09 21 15	=	09 21 15 Sealing materials
Skin-protective agents	09 21 18	=	09 21 18 Skin-protective agents
Urine diverters	09 24	*	09 24 Urine diverters
Long-term indwelling catheters	09 24 03	=	09 24 03 Long-term indwelling catheters
Intermittent catheters	09 24 06	#	09 24 06 Intermittent catheters inserted through the urethra
Penile sheaths	09 24 09	*	09 24 09 Penile sheaths
Urine chutes	09 24 12	*	09 24 12 Urine chutes
Body-worn urinals for women	09 24 15	=	09 24 15 Body-worn urinals for women
Assistive products for self-catheterization	09 24 18	*	09 24 18 Assistive products for self-catheterization
Body-worn urinals for men	09 24 21	*	09 24 21 Body-worn urinals for men
Urine and faeces collectors	09 27	#	09 27 Assistive products for collecting urine and faeces
Closed-ended urine collection bags	09 27 04	=	09 27 04 Closed-ended urine collection bags

Table C.1 (continued)

2011 edition				2016 edition	
Open-ended urine collection bags	09 27 05	=	09 27 05	Open-ended urine collection bags	
Non-body-worn urinals and urine bottles	09 27 09	*	09 27 09	Non-body-worn urinals and urine bottles	
Suspenders and fastening devices for urine collectors	09 27 13	*	09 27 13	Suspenders and fastening devices for urine collectors	
Urine collection systems	09 27 18	*	09 27 18	Urine collection systems	
Faeces collection bags	09 27 21	*	09 27 21	Faeces collection bags	
Assistive products for absorbing urine and faeces	09 30	=	09 30	Assistive products for absorbing urine and faeces	
Single-use incontinence products for children	09 30 12	*	09 30 12	Single-use incontinence products for children	
Washable incontinence products for children	09 30 15	*	09 30 15	Washable incontinence products for children	
Single-use inserts for adults	09 30 18	=	09 30 18	Single-use inserts for adults	
Single-use diapers for adults	09 30 21	=	09 30 21	Single-use diapers for adults	
Single-use protective or disposable underwear for adults	09 30 24	*	09 30 24	Single-use protective or disposable underwear for adults	
Single-use incontinence products preformed for men	09 30 27	=	09 30 27	Single-use incontinence products preformed for men	
Single-use incontinence products without barrier to liquid, for adults	09 30 30	=	09 30 30	Single-use incontinence products without barrier to liquid, for adults	
Single-use products for faecal incontinence, for adults	09 30 33	=	09 30 33	Single-use products for faecal incontinence, for adults	
Washable incontinence pants for adults	09 30 36	*	09 30 36	Washable incontinence pants for adults	
Assistive products for fixation of body-worn products for absorbing urine and faeces	09 30 39	*	09 30 39	Assistive products for fixation of body-worn products for absorbing urine and faeces	
Non-body-worn single-use products for absorbing urine and faeces	09 30 42	=	09 30 42	Non-body-worn single-use products for absorbing urine and faeces	
Non-body-worn washable products for absorbing urine and faeces	09 30 45	=	09 30 45	Non-body-worn washable products for absorbing urine and faeces	
Assistive products to prevent involuntary urine or faeces leakage	09 31	=	09 31	Assistive products to prevent involuntary urine or faeces leakage	
Urine stoppers	09 31 03	##	09 31 03	Assistive products to prevent involuntary urine leakage	
Faeces stoppers	09 31 06	#	09 31 06	Assistive products to prevent involuntary faeces leakage	
			!	09 32	Assistive products for management of menstruation
Assistive products for washing, bathing and showering	09 33	*	09 33	Assistive products for washing, bathing and showering	
Bath/shower chairs (with and without wheels), bath boards, stools, back supports and seats	09 33 03	<	09 33 04	Bath boards	
			<	09 33 05	Bath seats
			<	09 33 07	
			<	09 33 08	
Non-slip bath mats, non-slip shower mats and non-slip tapes	09 33 06	=	09 33 06	Non-slip bath mats, non-slip shower mats and non-slip tapes	
	09 33 03	<	09 33 07	Shower chairs with and without wheels	
	09 33 03	<	09 33 08	Back supports for bath or shower	
Showers and shower units	09 33 09	*	09 33 09	Showers and shower units	
Bathing stretchers, shower tables and diaper-changing tables	09 33 12	=	09 33 12	Bathing stretchers, shower tables and diaper-changing tables	
Wash basins	09 33 15	=	09 33 15	Wash basins	
Bidets	09 33 18	=	09 33 18	Bidets	

Table C.1 (continued)

2011 edition				2016 edition	
Bathtubs	09 33 21	=	09 33 21	Bathtubs	
Bathtub shelves	09 33 24	=	09 33 24	Bathtub shelves	
Assistive products for reducing length or depth of a bathtub	09 33 27	=	09 33 27	Assistive products for reducing length or depth of a bathtub	
Washcloths, sponges and brushes with holder, handle or grip	09 33 30	=	09 33 30	Washcloths, sponges and brushes with holder, handle or grip	
Soapdishes, soap holders and soap dispensers	09 33 33	##	09 33 33	Soap holders and soap dispensers	
Assistive products for drying oneself	09 33 36	=	09 33 36	Assistive products for drying oneself	
Assistive products for floating	09 33 39	*	09 33 39	Assistive products for floating	
Snorkels	09 33 42	=	09 33 42	Snorkels	
Bath thermometers	09 33 45	=	09 33 45	Bath thermometers	
Assistive products for manicure and pedicure	09 36	*	09 36	Assistive products for manicure and pedicure	
Nail brushes	09 36 03	=	09 36 03	Nail brushes	
Nail files and emery boards	09 36 06	=	09 36 06	Nail files and emery boards	
Nail scissors and nail clippers	09 36 09	=	09 36 09	Nail scissors and nail clippers	
Callous smoothers	09 36 12	=	09 36 12	Callous smoothers	
Assistive products for hair care	09 39	=	09 39	Assistive products for hair care	
Assistive products for shampooing	09 39 03	=	09 39 03	Assistive products for shampooing	
Combs and hairbrushes	09 39 06	=	09 39 06	Combs and hairbrushes	
Hair dryers	09 39 09	=	09 39 09	Hair dryers	
Assistive products for dental care	09 42	*	09 42	Assistive products for dental care	
Unpowered toothbrushes	09 42 03	=	09 42 03	Unpowered toothbrushes	
Powered toothbrushes	09 42 06	=	09 42 06	Powered toothbrushes	
Assistive products for facial care	09 45	=	09 45	Assistive products for facial care	
Shaving brushes, razors and (electric) shavers	09 45 03	=	09 45 03	Shaving brushes, razors and (electric) shavers	
Assistive products for application of facial products	09 45 06	=	09 45 06	Assistive products for application of facial products	
Mirrors for facial care	09 45 09	=	09 45 09	Mirrors for facial care	
Assistive products for sexual activities	09 54	*	09 54	Assistive products for sexual activities	
Dummies for sexual activities	09 54 03	=	09 54 03	Dummies for sexual activities	
Assistive products for erection	09 54 06	=	09 54 06	Assistive products for erection	
Vibrators and massage devices for sexual activity	09 54 09	=	09 54 09	Vibrators and massage devices for sexual activity	
Assistive products for sexual habilitation and rehabilitation	09 54 12	=	09 54 12	Assistive products for sexual habilitation and rehabilitation	
Assistive products for personal mobility	12	##	12	Assistive products for activities and participation relating to personal mobility and transportation	
Assistive products for walking, manipulated by one arm	12 03	=	12 03	Assistive products for walking, manipulated by one arm	
Walking sticks and canes	12 03 03	*	12 03 03	Walking sticks and canes	
Elbow crutches	12 03 06	*	12 03 06	Elbow crutches	
Forearm support crutches	12 03 09	##	12 03 09	Forearm crutches	
Auxiliary crutches	12 03 12	*	12 03 12	Axillary crutches	
Walking sticks and canes with three or more legs	12 03 16	##	12 03 16	Multi-tip walking sticks and canes	
Walking sticks and canes with seat	12 03 18	=	12 03 18	Walking sticks and canes with seat	
Lateral support frames	12 03 21	*	12 03 21	Lateral support frames	

Table C.1 (continued)

2011 edition				2016 edition	
Assistive products for walking, manipulated by both arms	12 06	=	12 06	Assistive products for walking, manipulated by both arms	
Walking frames	12 06 03	*	12 06 03	Walking frames	
Rollators	12 06 06	*	12 06 06	Rollators	
Walking chairs	12 06 09	=	12 06 09	Walking chairs	
Walking tables	12 06 12	=	12 06 12	Walking tables	
Accessories for assistive products for walking	12 07	*	12 07	Accessories for assistive products for walking	
Tips for walking aids	12 07 05	##	12 07 05	Tips for assistive products for walking	
Products to properly grip walking aids	12 07 12	##	12 07 12	Products to properly grip assistive products for walking	
Accessories for walking aids to provide support for specific parts of body	12 07 15	##	12 07 15	Accessories for assistive products for walking to provide support for specific body parts	
Pads, cushions and other accessories for walking aids to prevent bruising or skin injury	12 07 18	##	12 07 18	Pads, cushions and other accessories for assistive products for walking to prevent bruising or skin injury	
Seats for walking aids	12 07 21	##	12 07 21	Seats for assistive products for walking	
Accessories attached to walking aids to hold or carry objects	12 07 24	##	12 07 24	Accessories attached to assistive products for walking to hold or carry objects	
Products to hold walking aids in place when not in use	12 07 27	#	12 07 27	Products to hold assistive products for walking in place when not in use	
Accessories to help maneuver walking aids	12 07 30	##	12 07 30	Accessories to enable a person to maneuver assistive products for walking	
Accessories to adjust height of rollators and walking frames	12 07 33	*	12 07 33	Accessories to adjust height of rollators and walking frames	
Lights and safety signalling devices for walking aids	12 07 36	##	12 07 36	Lights and safety signalling devices for assistive products for walking	
Tyres and wheels for walking aids	12 07 39	##	12 07 39	Tyres and wheels for assistive products for walking	
Cars, vans and trucks	12 10	*	12 10	Cars, vans and trucks	
Cars, vans and trucks with height-adjustable chassis	12 10 03	=	12 10 03	Cars, vans and trucks with height-adjustable chassis	
Low-speed cars	12 10 06	=	12 10 06	Low-speed cars	
Cars, vans and trucks with raised roof	12 10 09	=	12 10 09	Cars, vans and trucks with raised roof	
Mass transit vehicles	12 11	*	12 11	Mass transit vehicles	
Buses with height-adjustable chassis	12 11 03	=	12 11 03	Buses with height-adjustable chassis	
Trains with low floors	12 11 06	*	12 11 06	Trains with low floors	
Vehicle accessories and vehicle adaptations	12 12	*	12 12	Vehicle accessories and vehicle adaptations	
Vehicle accessories and vehicle adaptations to control speed	12 12 04	=	12 12 04	Vehicle accessories and vehicle adaptations to control speed	
Vehicle accessories and vehicle adaptations to control brake and engage or disengage parking brake	12 12 05	=	12 12 05	Vehicle accessories and vehicle adaptations to control brake and engage or disengage parking brake	
Vehicle accessories and vehicle adaptations to operate steering system	12 12 07	*	12 12 07	Vehicle accessories and vehicle adaptations to operate steering system	
Accessories and adaptations to complementary functions necessary to operate vehicles	12 12 08	*	12 12 08	Accessories and adaptations to complementary functions necessary to operate vehicles	
Seat belts and harnesses for motor vehicles	12 12 09	*	12 12 09	Seat belts and harnesses for motor vehicles	
Seats and cushions for motor vehicles and accessories and adaptations relating to seating in vehicles	12 12 12	*	12 12 12	Seats and cushions for motor vehicles and accessories and adaptations relating to seating in vehicles	

Table C.1 (continued)

2011 edition			2016 edition		
Hoists to transfer person not seated in wheelchair into or out of vehicles	12 12 15	#*	12 12 15	Hoists to transfer person into or out of vehicles without wheelchair	
Assistive products for transferring person seated in wheelchair into or out of vehicles	12 12 18	*	12 12 18	Assistive products for transferring person seated in wheelchair into or out of vehicles	
Assistive products for loading unoccupied wheelchairs onto or into vehicles	12 12 21	=	12 12 21	Assistive products for loading unoccupied wheelchairs onto or into vehicles	
Assistive products for fastening wheelchairs in vehicles	12 12 24	*	12 12 24	Assistive products for fastening wheelchairs in vehicles	
Vehicle chassis and body adaptations	12 12 27	*	12 12 27	Vehicle chassis and body adaptations	
Products to carry unoccupied wheelchairs on vehicles or trailers to carry wheelchairs behind vehicles	12 12 30	*	12 12 30	Products to carry unoccupied wheelchairs on vehicles or trailers to carry wheelchairs behind vehicles	
Mopeds and motorcycles	12 16	*	12 16	Mopeds and motorcycles	
Two-wheeled mopeds and motorcycles	12 16 03	=	12 16 03	Two-wheeled mopeds and motorcycles	
Three-wheeled mopeds and motorcycles	12 16 06	=	12 16 06	Three-wheeled mopeds and motorcycles	
Alternative motorized vehicles	12 17	#*	12 17	Diverse motorized vehicles	
Stair climbing devices	12 17 03	#*	12 17 03	Powered stair-climbing transporters	
Standing motorized vehicles	12 17 06	#*	12 17 06	Stand-on motorized vehicles	
		!	12 17 09	Diverse four-wheeled motorized vehicles	
Cycles	12 18	*	12 18	Cycles	
Foot-propelled bicycles	12 18 04	=	12 18 04	Foot-propelled bicycles	
Hand-propelled bicycles	12 18 05	=	12 18 05	Hand-propelled bicycles	
Foot-propelled tricycles and quadricycles for one person	12 18 06	#*	12 18 06	Foot-propelled tricycles and quadricycles	
Hand-propelled tricycles	12 18 09	#*	12 18 09	Hand-propelled tricycles and quadricycles	
Unpowered scooters propelled by pushing with one foot	12 18 12	=	12 18 12	Unpowered scooters propelled by pushing with one foot	
Tandems, tricycles and four-wheeled cycles for two or more persons	12 18 15	=	12 18 15	Tandems, tricycles and four-wheeled cycles for two or more persons	
Cycle adaptations	12 18 21	=	12 18 21	Cycle adaptations	
Manual wheelchairs	12 22	*	12 22	Manual wheelchairs	
Bimanual wheel-propelled wheelchairs	12 22 03	#*	12 22 03	Bimanual handrim-drive wheelchairs	
Lever-propelled wheelchairs	12 22 06	#*	12 22 06	Bimanual lever-drive wheelchairs	
Single-side manually propelled wheelchairs	12 22 09	#*	12 22 09	Single-side manual drive wheelchairs	
Manually propelled power assisted wheelchairs	12 22 12	#*	12 22 12	Handrim-activated power-assisted wheelchairs	
Foot-propelled wheelchairs	12 22 15	*	12 22 15	Foot-propelled wheelchairs	
Assistant-controlled manual wheelchairs	12 22 18	#*	12 22 18	Push wheelchairs	
Power-assisted assistant-controlled wheelchairs	12 22 21	#*	12 22 21	Power-assisted push wheelchairs	
Powered wheelchairs	12 23	*	12 23	Powered wheelchairs	
Electrically powered wheelchairs with manual steering	12 23 03	#	12 23 03	Electrically powered wheelchairs with manual direct steering	
Electrically powered wheelchairs with powered steering	12 23 06	#*	12 23 06	Electrically powered wheelchairs with electronic steering	
Combustion powered wheelchairs	12 23 09	=	12 23 09	Combustion powered wheelchairs	
Assistant-controlled electrically powered wheelchairs	12 23 12	*	12 23 12	Assistant-controlled electrically powered wheelchairs	
Stair climbing wheelchairs	12 23 15	#*	12 23 15	Stair-climbing powered wheelchairs	
Wheelchair accessories	12 24	*	12 24	Wheelchair accessories	

Table C.1 (continued)

2011 edition		2016 edition		
Steering and control systems for wheelchairs	12 24 03	=	12 24 03	Steering and control systems for wheelchairs
Propulsion units for manual wheelchairs	12 24 09	*	12 24 09	Propulsion units for manual wheelchairs
		!	12 24 11	Half-handbikes
Lights and safety signalling devices for wheelchairs	12 24 12	=	12 24 12	Lights and safety signalling devices for wheelchairs
Brakes for wheelchairs	12 24 18	#	12 24 18	Running or parking brakes for wheelchairs
Tyres and wheels for wheelchairs	12 24 21	#*	12 24 21	Tyres, wheels and castors for wheelchairs
Batteries and battery chargers for wheelchairs	12 24 24	=	12 24 24	Batteries and battery chargers for wheelchairs
Devices for cleaning wheelchairs or any part of wheelchairs	12 24 28	*	12 24 28	Devices for cleaning wheelchairs or any part of wheelchairs
Occupant restraint systems for wheelchairs	12 24 30	>	09 07 03	Occupant restraint systems for wheelchairs
Devices to protect wheelchairs or persons using wheelchairs from sunlight or precipitation	12 24 34	#	12 24 34	Devices to protect wheelchairs and their occupants from sunlight or precipitation
Devices to connect a wheelchair to a bicycle	12 24 36	=	12 24 36	Devices to connect a wheelchair to a bicycle
Devices to which a wheelchair is attached that facilitate movement up and down stairs	12 24 39	*	12 24 39	Devices to which a wheelchair is attached that facilitate movement up and down stairs
Devices attached to wheelchairs to hold or carry objects	12 24 42	*	12 24 42	Devices attached to wheelchairs to hold or carry objects
Devices to check surroundings of wheelchairs	12 24 45	*	12 24 45	Devices to check surroundings of wheelchairs
Alternative human powered vehicles	12 27	#*	12 27	Diverse human powered vehicles
Transportation chairs	12 27 04	*	12 27 04	Transportation chairs
Prams and buggies	12 27 07	*	12 27 07	Prams and buggies
Sleds and sledges	12 27 10	*	12 27 10	Sleds and sledges
Crawlers and mobility boards	12 27 15	=	12 27 15	Crawlers and mobility boards
Wheeled stretchers, pedal cars and playing carts	12 27 18	*	12 27 18	Wheeled stretchers, pedal cars and playing carts
Manually powered stand-on mobility devices	12 27 24	=	12 27 24	Manually powered stand-on mobility devices
Assistive products for transfer and turning	12 31	#*	12 31	Assistive products for changing body position
Sliding boards, sliding mats and turning sheets	12 31 03	#*	12 31 03	Assistive products for sliding and turning
Turntables	12 31 06	=	12 31 06	Turntables
Free-standing rails for self-lifting	12 31 09	#*	12 31 09	Not mounted rails for self-lifting
Grip ladders	12 31 12	=	12 31 12	Grip ladders
Lifting belts and harnesses	12 31 15	=	12 31 15	Lifting belts and harnesses
Carrying chairs, carrying harnesses and carrying baskets	12 31 18	=	12 31 18	Carrying chairs, carrying harnesses and carrying baskets
Transfer platforms	12 31 21	=	12 31 21	Transfer platforms
		!	12 31 24	Lifting seats and lifting mattresses
Assistive products for lifting persons	12 36	*	12 36	Assistive products for lifting persons
Mobile hoists for transferring a person in sitting position with sling seats	12 36 03	=	12 36 03	Mobile hoists for transferring a person in sitting position with sling seats
Mobile hoists for transferring a person in standing position	12 36 04	=	12 36 04	Mobile hoists for transferring a person in standing position
Mobile hoists for transferring a person in sitting position with solid seats	12 36 06	=	12 36 06	Mobile hoists for transferring a person in sitting position with solid seats
Mobile hoists for transferring a person in lying position	12 36 09	=	12 36 09	Mobile hoists for transferring a person in lying position
Stationary hoists fixed to walls, floor or ceiling	12 36 12	=	12 36 12	Stationary hoists fixed to walls, floor or ceiling
Stationary hoists fixed to, or mounted in or on, another product	12 36 15	*	12 36 15	Stationary hoists fixed to, or mounted in or on, another product

Table C.1 (continued)

2011 edition				2016 edition	
Stationary free-standing hoists	12 36 18	=	12 36 18	Stationary free-standing hoists	
Body support units for hoists	12 36 21	*	12 36 21	Body support units for hoists	
Assistive products for orientation	12 39	=	12 39	Assistive products for orientation	
Tactile sticks or white canes	12 39 03	*	12 39 03	Tactile sticks or white canes	
Assistive products for electronic orientation	12 39 06	=	12 39 06	Assistive products for electronic orientation	
Assistive products for acoustic navigation	12 39 09	=	12 39 09	Assistive products for acoustic navigation	
Compasses	12 39 12	=	12 39 12	Compasses	
Tactile maps	12 39 15	=	12 39 15	Tactile maps	
Tactile orientation materials	12 39 18	=	12 39 18	Tactile orientation materials	
Visual orientation materials	12 39 21	=	12 39 21	Visual orientation materials	
Assistive products for housekeeping	15	##	15	Assistive products for domestic activities and participation in domestic life	
Assistive products for preparing food and drink	15 03	*	15 03	Assistive products for preparing food and drink	
Assistive products for weighing and measuring to prepare food and drink	15 03 03	*	15 03 03	Assistive products for weighing and measuring to prepare food and drink	
			< 22 27 30		
Assistive products for cutting, chopping and dividing to prepare food and drink	15 03 06	*	15 03 06	Assistive products for cutting, chopping and dividing to prepare food and drink	
Assistive products for cleaning and peeling	15 03 09	*	15 03 09	Assistive products for cleaning and peeling	
Assistive products for baking	15 03 12	*	15 03 12	Assistive products for baking	
Machines for food preparation	15 03 15	*	15 03 15	Machines for food preparation	
Assistive products for cooking and frying	15 03 18	*	15 03 18	Assistive products for cooking and frying	
Cooking units	15 03 21	*	15 03 21	Cooking units	
Refrigerators and freezers	15 03 24	=	15 03 24	Refrigerators and freezers	
Assistive products for dishwashing	15 06	=	15 06	Assistive products for dishwashing	
Sinks	15 06 03	=	15 06 03	Sinks	
Dishwashing brushes and flask brushes	15 06 06	=	15 06 06	Dishwashing brushes and flask brushes	
Dish drying racks	15 06 09	=	15 06 09	Dish drying racks	
Outlet filters and overflow pipes	15 06 12	=	15 06 12	Outlet filters and overflow pipes	
Dishcloth wringers	15 06 15	=	15 06 15	Dishcloth wringers	
Dishwashers	15 06 18	=	15 06 18	Dishwashers	
Assistive products for eating and drinking	15 09	*	15 09	Assistive products for eating and drinking	
Assistive products for serving food and drink	15 09 03	*	15 09 03	Assistive products for serving food and drink	
Food dispensers	15 09 06	*	15 09 06	Food dispensers	
Stoppers and funnels	15 09 09	=	15 09 09	Stoppers and funnels	
Cutlery, chopsticks and straws	15 09 13	=	15 09 13	Cutlery, chopsticks and straws	
Mugs, glasses and cups and saucers	15 09 16	=	15 09 16	Mugs, glasses and cups and saucers	
Plates and bowls	15 09 18	*	15 09 18	Plates and bowls	
Food guards	15 09 21	=	15 09 21	Food guards	
Egg cups	15 09 24	=	15 09 24	Egg cups	
Feeding apparatus	15 09 27	=	15 09 27	Feeding apparatus	
Feeding probes	15 09 30	##	15 09 30	Feeding systems for enteral feeding	
Assistive products for housecleaning	15 12	*	15 12	Assistive products for housecleaning	
Dustpans, dust brushes and dust brooms	15 12 03	=	15 12 03	Dustpans, dust brushes and dust brooms	
Brushes, sponges, chamois leathers, dusters and floorcloths	15 12 06	=	15 12 06	Brushes, sponges, chamois leathers, dusters and floorcloths	

Table C.1 (continued)

2011 edition				2016 edition	
Vacuum cleaners	15 12 09	=	15 12 09	Vacuum cleaners	
Carpet sweepers for dry use	15 12 12	=	15 12 12	Carpet sweepers for dry use	
Floor mopping equipment	15 12 22	*	15 12 22	Floor mopping equipment	
Floor polishers	15 12 24	=	15 12 24	Floor polishers	
Assistive products for storage of waste or disposal of waste	15 12 27	=	15 12 27	Assistive products for storage of waste or disposal of waste	
Assistive products for making and maintaining textiles	15 15	#*	15 15	Assistive products for making and maintaining textiles for domestic use	
Sewing machines	15 15 03	=	15 15 03	Sewing machines	
Sewing hoops, pin cushions and darning devices	15 15 06	=	15 15 06	Sewing hoops, pin cushions and darning devices	
Knitting machines	15 15 09	=	15 15 09	Knitting machines	
Knitting, crocheting, sewing and darning needles	15 15 12	=	15 15 12	Knitting, crocheting, sewing and darning needles	
Patterns for sewing and knitting	15 15 15	=	15 15 15	Patterns for sewing and knitting	
Assistive products for hand sewing	15 15 19	*	15 15 19	Assistive products for hand sewing	
Scissors	15 15 21	=	15 15 21	Scissors	
Ironing machines and irons	15 15 24	=	15 15 24	Ironing machines and irons	
Ironing boards and ironing tables	15 15 27	=	15 15 27	Ironing boards and ironing tables	
Laundry baskets on castors	15 15 30	=	15 15 30	Laundry baskets on castors	
Washing machines	15 15 33	=	15 15 33	Washing machines	
Wringers for laundry	15 15 36	=	15 15 36	Wringers for laundry	
Clothespins	15 15 39	=	15 15 39	Clothespins	
Assistive products for drying clothes	15 15 43	=	15 15 43	Assistive products for drying clothes	
Shoe cleaning devices	15 15 48	=	15 15 48	Shoe cleaning devices	
	30 21	C*	15 18	Assistive products for gardening and lawn care for domestic use	
	30 21 03	C*	15 18 03	Tools for outdoor gardening	
	30 21 06	C	15 18 06	Adapted gardening beds	
	30 21 09	C	15 18 09	Assistive products for protecting and supporting the body while gardening	
	30 21 12	C*	15 18 12	Tools for indoor gardening and flower arrangement	
Furnishings and adaptations to homes and other premises	18	#*	18	Furnishings, fixtures and other assistive products for supporting activities in indoor and outdoor human-made environments	
Tables	18 03	*	18 03	Tables	
Reading tables, desks and stands	18 03 06	=	18 03 06	Reading tables, desks and stands	
Drafting tables and drawing tables	18 03 09	=	18 03 09	Drafting tables and drawing tables	
Dining tables	18 03 12	=	18 03 12	Dining tables	
Bed tables	18 03 15	=	18 03 15	Bed tables	
Light fixtures	18 06	=	18 06	Light fixtures	
General lights	18 06 03	=	18 06 03	General lights	
Reading lights and working lights	18 06 06	=	18 06 06	Reading lights and working lights	
Podium lights and blackboard lights	18 06 09	=	18 06 09	Podium lights and blackboard lights	
Sitting furniture	18 09	=	18 09	Sitting furniture	
Chairs	18 09 03	=	18 09 03	Chairs	
Stools and standing chairs	18 09 06	<	18 09 04	Stools	
		<	18 09 07	Standing chairs	

Table C.1 (continued)

2011 edition				2016 edition	
Coxit chairs	18 09 09	=	18 09 09	Coxit chairs	
Lounge chairs and easy chairs	18 09 15	=	18 09 15	Lounge chairs and easy chairs	
Special sitting furniture	18 09 21	=	18 09 21	Special sitting furniture	
Chair lifts and chair transporters	18 09 24	=	18 09 24	Chair lifts and chair transporters	
Modular seating systems	18 09 39	=	18 09 39	Modular seating systems	
Accessories for sitting furniture	18 10	*	18 10	Accessories for sitting furniture	
Back supports	18 10 03	*	18 10 03	Back supports	
Seat cushions and underlays	18 10 06	=	18 10 06	Seat cushions and underlays	
Arm supports	18 10 09	*	18 10 09	Arm supports	
Head supports and neck supports	18 10 12	*	18 10 12	Head supports and neck supports	
Leg supports and foot supports	18 10 15	*	18 10 15	Leg supports and foot supports	
Trunk supports and pelvic supports	18 10 18	*	18 10 18	Trunk supports and pelvic supports	
Cushions or systems added to seats to assist a person to stand or sit	18 10 21	+	18 10 21	Cushions or systems added to seats to assist a person to stand or sit	
Lap trays and tables that can be attached to chairs	18 10 24	=	18 10 24	Lap trays and tables that can be attached to chairs	
Beds	18 12	#*	18 12	Beds and bed equipment	
Beds and detachable bed boards/mattress support platforms, non-adjustable	18 12 04	=	18 12 04	Beds and detachable bed boards/mattress support platforms, non-adjustable	
Beds and detachable bed boards/mattress support platforms with manual adjustment	18 12 07	=	18 12 07	Beds and detachable bed boards/mattress support platforms with manual adjustment	
Beds and detachable bed boards/mattress support platforms with powered adjustment	18 12 10	*	18 12 10	Beds and detachable bed boards/mattress support platforms with powered adjustment	
Bed lifts	18 12 12	=	18 12 12	Bed lifts	
Bedding	18 12 15	*	18 12 15	Bedding	
Mattresses and mattress coverings	18 12 18	=	18 12 18	Mattresses and mattress coverings	
Blanket supports	18 12 21	=	18 12 21	Blanket supports	
Separate adjustable back supports and leg supports for beds	18 12 24	=	18 12 24	Separate adjustable back supports and leg supports for beds	
Bedrails and rails for self-lifting to be fixed to beds	18 12 27	<	18 12 26	Side rails to be fixed to beds	
		<	18 12 28	Rails for self-lifting to be fixed to beds	
Assistive products for bed-shortening	18 12 30	=	18 12 30	Assistive products for bed-shortening	
Bed extensions	18 12 33	#	18 12 33	Assistive products for bed-lengthening	
Assistive products for height adjustment of furniture	18 15	=	18 15	Assistive products for height adjustment of furniture	
Leg extenders	18 15 03	=	18 15 03	Leg extenders	
Height-adjustable plinths and brackets	18 15 06	=	18 15 06	Height-adjustable plinths and brackets	
Pedestals and fixed-height plinths and brackets	18 15 09	=	18 15 09	Pedestals and fixed-height plinths and brackets	
Supporting handrails and grab bars	18 18	*	18 18	Supporting handrails and grab bars	
Handrails and support rails	18 18 03	*	18 18 03	Handrails and support rails	
Fixed grab bars and handgrips	18 18 06	=	18 18 06	Fixed grab bars and handgrips	
Removable grab rails and handgrips	18 18 10	*	18 18 10	Removable grab rails and handgrips	
Hinged rails and arm supports	18 18 11	=	18 18 11	Hinged rails and arm supports	
Gate, door, window and curtain openers/closers	18 21	*	18 21	Gate, door, window and curtain openers/closers	
Door openers and door closers	18 21 03	=	18 21 03	Door openers and door closers	
Window openers and window closers	18 21 06	=	18 21 06	Window openers and window closers	

Table C.1 (continued)

2011 edition				2016 edition	
Curtain openers and curtain closers	18 21 09	=	18 21 09	Curtain openers and curtain closers	
Sunblind openers and sunblind closers	18 21 12	=	18 21 12	Sunblind openers and sunblind closers	
Locks	18 21 15	=	18 21 15	Locks	
Construction elements in the home and other premises	18 24	#	18 24	Construction elements in homes and other premises	
Plumbing fittings and taps	18 24 03	*	18 24 03	Plumbing fittings and taps	
Windows	18 24 06	=	18 24 06	Windows	
Doors	18 24 09	*	18 24 09	Doors	
Thresholds	18 24 12	*	18 24 12	Thresholds	
Floor coverings	18 24 15	=	18 24 15	Floor coverings	
Stairs	18 24 18	=	18 24 18	Stairs	
		!	18 24 21	Counter tops	
Assistive products for vertical accessibility	18 30	*	18 30	Assistive products for vertical accessibility	
Elevators	18 30 03	*	18 30 03	Elevators	
Fixed lifting platforms	18 30 05	*	18 30 05	Fixed lifting platforms	
Free-standing lifting platforms	18 30 07	*	18 30 07	Free-standing lifting platforms	
Portable lifting platforms	18 30 08	*	18 30 08	Portable lifting platforms	
Stairlifts with seat	18 30 10	=	18 30 10	Stairlifts with seat	
Stairlifts with platform	18 30 11	=	18 30 11	Stairlifts with platform	
Portable ramps	18 30 15	=	18 30 15	Portable ramps	
Fixed ramps	18 30 18	=	18 30 18	Fixed ramps	
Ladders and stepladders	18 30 21	=	18 30 21	Ladders and stepladders	
		!	18 30 24	Stair-climbing supports without seat or platform	
Safety equipment for the home and other premises	18 33	#*	18 33	Safety equipment for homes and other premises	
Non-slip materials for floors and stairs	18 33 03	*	18 33 03	Non-slip materials for floors and stairs	
Safety barriers, fences and gates for windows, staircases and lifts	18 33 06	=	18 33 06	Safety barriers, fences and gates for windows, staircases and lifts	
Safety valves for gas supplies	18 33 09	=	18 33 09	Safety valves for gas supplies	
Assistive products for the kitchen or other cooking areas to prevent burns and accidental fires	18 33 10	=	18 33 10	Assistive products for the kitchen or other cooking areas to prevent burns and accidental fires	
Rescue equipment	18 33 12	=	18 33 12	Rescue equipment	
Tactile materials for floors and stairs	18 33 15	*	18 33 15	Tactile materials for floors and stairs	
Fire-resistant floor coverings	18 33 18	=	18 33 18	Fire-resistant floor coverings	
Furniture for storage	18 36	*	18 36	Furniture for storage	
Shelves	18 36 03	=	18 36 03	Shelves	
Cupboards	18 36 06	=	18 36 06	Cupboards	
Bedside cabinets	18 36 09	=	18 36 09	Bedside cabinets	
Medicine cabinets	18 36 12	=	18 36 12	Medicine cabinets	
Fittings for shelves, cupboards and cabinets	18 36 15	=	18 36 15	Fittings for shelves, cupboards and cabinets	
Assistive products for communication and information	22	#*	22	Assistive products for communication and information management	
Assistive products for seeing	22 03	=	22 03	Assistive products for seeing	
Light filters (absorption filters)	22 03 03	=	22 03 03	Light filters (absorption filters)	
Spectacles and contact lenses	22 03 06	*	22 03 06	Spectacles and contact lenses	

Table C.1 (continued)

2011 edition			2016 edition		
Glasses, lenses and lens systems for magnification	22 03 09	#*	22 03 09	Magnifier glasses, lenses and lens systems for magnification	
Binoculars and telescopes	22 03 12	=	22 03 12	Binoculars and telescopes	
Assistive products for extending and adjusting range and angle of the field of vision	22 03 15	*	22 03 15	Assistive products for extending and adjusting range and angle of the field of vision	
Image-enlarging video systems	22 03 18	*	22 03 18	Image-enlarging video systems	
Assistive products for hearing	22 06	*	22 06	Assistive products for hearing	
Ear-trumpets	22 06 03	=	22 06 03	Ear-trumpets	
Body-worn hearing aids	22 06 06	=	22 06 06	Body-worn hearing aids	
Spectacle hearing aids	22 06 09	=	22 06 09	Spectacle hearing aids	
In-the-ear hearing aids	22 06 12	=	22 06 12	In-the-ear hearing aids	
Behind-the-ear hearing aids	22 06 15	=	22 06 15	Behind-the-ear hearing aids	
Tactile hearing aids	22 06 18	=	22 06 18	Tactile hearing aids	
Hearing aids used in connection with implants	22 06 21	=	22 06 21	Hearing aids used in connection with implants	
Headphones	22 06 24	C	22 18 38		
Accessories for assistive products for hearing	22 06 27	*	22 06 27	Accessories for assistive products for hearing	
Assistive products for voice production	22 09	=	22 09	Assistive products for voice production	
Voice generators	22 09 03	=	22 09 03	Voice generators	
Voice amplifiers for personal use	22 09 06	=	22 09 06	Voice amplifiers for personal use	
Assistive products for drawing and writing	22 12	=	22 12	Assistive products for drawing and writing	
Manual devices for drawing and handwriting	22 12 03	*	22 12 03	Manual devices for drawing and handwriting	
Writing boards, drafting boards and drawing boards	22 12 06	=	22 12 06	Writing boards, drafting boards and drawing boards	
Signature guides, stamps and writing frames	22 12 09	=	22 12 09	Signature guides, stamps and writing frames	
Manual Braille writing equipment	22 12 12	=	22 12 12	Manual Braille writing equipment	
Typewriters	22 12 15	*	22 12 15	Typewriters	
Special writing paper/plastic	22 12 18	=	22 12 18	Special writing paper/plastic	
Portable note-taking devices for Braille	22 12 21	=	22 12 21	Portable note-taking devices for Braille	
Word processing software	22 12 24	*	22 12 24	Word processing software	
Drawing and painting software	22 12 27	*	22 12 27	Drawing and painting software	
Assistive products for calculation	22 15	=	22 15	Assistive products for calculation	
Manual devices for calculation	22 15 03	*	22 15 03	Manual devices for calculation	
Calculating machines	22 15 06	#*	22 15 06	Calculators	
Calculation software	22 15 09	=	22 15 09	Calculation software	
Assistive products that record, play and display audio and visual information	22 18	*	22 18	Assistive products that record, play and display audio and visual information	
Sound recording and playing devices	22 18 03	*	22 18 03	Sound recording and playing devices	
Video recording and playing devices	22 18 06	*	22 18 06	Video recording and playing devices	
Radio receivers	22 18 09	=	22 18 09	Radio receivers	
Two-way radios	22 18 12	*	22 18 12	Two-way radios	
Televisions	22 18 15	=	22 18 15	Televisions	
Closed-circuit television systems	22 18 18	=	22 18 18	Closed-circuit television systems	
Decoders for videotext and text television	22 18 21	=	22 18 21	Decoders for videotext and text television	
Radio frequency transmission systems	22 18 24	=	22 18 24	Radio frequency transmission systems	
Infrared (IR) systems for audio information	22 18 27	*	22 18 27	Infrared (IR) systems for audio information	
Induction loop devices	22 18 30	*	22 18 30	Induction loop devices	
Microphones	22 18 33	=	22 18 33	Microphones	

Table C.1 (continued)

2011 edition				2016 edition	
Loudspeakers	22 18 36	=	22 18 36	Loudspeakers	
	22 06 24	C	22 18 38	Headphones	
Accessories for audio, video and visual systems	22 18 39	=	22 18 39	Accessories for audio, video and visual systems	
Assistive products for face-to-face communication	22 21	*	22 21	Assistive products for face-to-face communication	
Letter and symbol sets and boards	22 21 03	*	22 21 03	Letter and symbol sets and boards	
Communication amplifiers	22 21 06	*	22 21 06	Communication amplifiers	
Dialogue units	22 21 09	*	22 21 09	Dialogue units	
Face-to-face communication software	22 21 12	=	22 21 12	Face-to-face communication software	
		!	22 21 15	Speech flow devices	
Assistive products for telephoning and telematic messaging	22 24	=	22 24	Assistive products for telephoning and telematic messaging	
Standard network telephones	22 24 03	*	22 24 03	Standard network telephones	
Telephones for mobile networks	22 24 06	*	22 24 06	Telephones for mobile networks	
Text telephones	22 24 09	#*	22 24 09	Devices and software for real-time text communication	
Telephone booths	22 24 12	=	22 24 12	Telephone booths	
Telephone answering machines	22 24 15	=	22 24 15	Telephone answering machines	
Telephone switchboards	22 24 18	=	22 24 18	Telephone switchboards	
Accessories for telephoning	22 24 21	*	22 24 21	Accessories for telephoning	
Telecommunication and telematics software	22 24 24	*	22 24 24	Telecommunication and telematics software	
Intercoms	22 24 27	*	22 24 27	Intercoms	
Entry phones	22 24 30	*	22 24 30	Entry phones	
Assistive products for alarming, indicating, reminding and signalling	22 27	=	22 27	Assistive products for alarming, indicating, reminding and signalling	
Indicators with visual signals	22 27 03	>	22 27 04	Signalling devices	
Indicators with acoustic signals	22 27 06	>			
Indicators with mechanical signals	22 27 09	>			
Clocks and timepieces	22 27 12	*	22 27 12	Clocks and timepieces	
Calendars and timetables	22 27 15	=	22 27 15	Calendars and timetables	
Memory support products	22 27 16	*	22 27 16	Memory support products	
Personal emergency alarm systems	22 27 18	*	22 27 18	Personal emergency alarm systems	
Environmental emergency alarm systems	22 27 21	*	22 27 21	Environmental emergency alarm systems	
Monitoring and positioning systems	22 27 24	=	22 27 24	Monitoring and positioning systems	
Marking materials and marking tools	22 27 27	*	22 27 27	Marking materials and marking tools	
	15 03 03	<	22 27 30	Timers	
		!	22 27 33	Assistive products that support structuring a day or an activity	
Assistive products for reading	22 30	=	22 30	Assistive products for reading	
Reading materials with audible output	22 30 03	=	22 30 03	Reading materials with audible output	
Large print reading materials	22 30 06	=	22 30 06	Large print reading materials	
Multimedia reading materials	22 30 09	*	22 30 09	Multimedia reading materials	
Page turners	22 30 12	=	22 30 12	Page turners	
Book supports and book holders	22 30 15	=	22 30 15	Book supports and book holders	
Reading masks and typoscopes	22 30 18	=	22 30 18	Reading masks and typoscopes	
Character-reading machines	22 30 21	=	22 30 21	Character-reading machines	
Tactile reading materials	22 30 24	=	22 30 24	Tactile reading materials	

Table C.1 (continued)

2011 edition		2016 edition	
Special multimedia presentation software	22 30 27	=	22 30 27 Special multimedia presentation software
		!	22 30 30 E-book readers
Computers and terminals	22 33	=	22 33 Computers and terminals
Desktop (non-portable) computers	22 33 03	=	22 33 03 Desktop (non-portable) computers
Portable computers and personal digital assistants (PDA)	22 33 06	=	22 33 06 Portable computers and personal digital assistants (PDA)
Public information/transaction terminals	22 33 09	=	22 33 09 Public information/transaction terminals
Operating software	22 33 12	=	22 33 12 Operating software
Browser software and communication software	22 33 15	#	22 33 15 Browser software
Accessories for computers and networks	22 33 18	*	22 33 18 Accessories for computers and networks
Input devices for computers	22 36	=	22 36 Input devices for computers
Keyboards	22 36 03	=	22 36 03 Keyboards
Alternate input devices	22 36 12	*	22 36 12 Alternate input devices
Input accessories	22 36 15	*	22 36 15 Input accessories
Input software	22 36 18	*	22 36 18 Input software
Assistive products to position screen pointer and to select items on computer display	22 36 21	##	22 36 21 Computer pointing devices
Output devices for computers	22 39	*	22 39 Output devices for computers
Visual computer displays and accessories	22 39 04	*	22 39 04 Visual computer displays and accessories
Tactile computer displays	22 39 05	*	22 39 05 Tactile computer displays
Printers	22 39 06	=	22 39 06 Printers
Audible computer displays	22 39 07	=	22 39 07 Audible computer displays
Special output software	22 39 12	=	22 39 12 Special output software
		!	22 42 Interactive devices for computers
Assistive products for handling objects and devices	24	##	24 Assistive products for controlling, carrying, moving and handling objects and devices
Assistive products for handling containers	24 06	=	24 06 Assistive products for handling containers
Openers	24 06 03	=	24 06 03 Openers
Tube-squeezing keys	24 06 06	#	24 06 06 Tube-squeezing devices
Assistive products for operating and controlling devices	24 09	=	24 09 Assistive products for operating and controlling devices
Push-buttons	24 09 03	=	24 09 03 Push-buttons
Fixed handles and knobs	24 09 06	=	24 09 06 Fixed handles and knobs
Rotating handles and knobs	24 09 09	=	24 09 09 Rotating handles and knobs
Pedals (mechanical)	24 09 12	*	24 09 12 Pedals (mechanical)
Handwheels and crank handles	24 09 15	=	24 09 15 Handwheels and crank handles
Switches (on/off or other functions)	24 09 18	=	24 09 18 Switches (on/off or other functions)
Switchboards	24 09 24	=	24 09 24 Switchboards
Variable electric power sources	24 09 28	=	24 09 28 Variable electric power sources
Timer switches	24 09 30	=	24 09 30 Timer switches
Assistive products for controlling from a distance	24 13	=	24 13 Assistive products for controlling from a distance
Environmental control systems	24 13 03	=	24 13 03 Environmental control systems
Personal environmental control software	24 13 06	=	24 13 06 Personal environmental control software
Assistive products to assist or replace arm function, hand function, finger function or a combination of these functions	24 18	##	24 18 Assistive products to assist or replace arm function, hand function, finger function or combination of these functions

Table C.1 (continued)

2011 edition			2016 edition		
Devices for grasping	24 18 03	*	24 18 03	Devices for grasping	
Grip adapters and attachments	24 18 06	*	24 18 06	Grip adapters and attachments	
Body-worn holders	24 18 09	=	24 18 09	Body-worn holders	
Stands	24 18 12	*	24 18 12	Stands	
Operating sticks	24 18 15	=	24 18 15	Operating sticks	
Pointing lamps	24 18 18	*	24 18 18	Pointing lamps	
Devices for paper handling	24 18 21	*	24 18 21	Devices for paper handling	
Manuscript holders	24 18 24	=	24 18 24	Manuscript holders	
Forearm supports to permit manual activities	24 18 27	##	24 18 27	Arm supports to permit manual activities	
		!	24 18 30	Robotic manipulators	
Assistive products for extended reach	24 21	=	24 21	Assistive products for extended reach	
Manual gripping tongs	24 21 03	=	24 21 03	Manual gripping tongs	
Electric gripping tongs	24 21 06	=	24 21 06	Electric gripping tongs	
Extenders without gripping function	24 21 09	=	24 21 09	Extenders without gripping function	
Assistive products for positioning	24 24	=	24 24	Assistive products for positioning	
Fixed-position systems	24 24 03	=	24 24 03	Fixed-position systems	
Rotating and sliding systems	24 24 06	=	24 24 06	Rotating and sliding systems	
Lifting and tilting systems	24 24 09	*	24 24 09	Lifting and tilting systems	
Assistive products for fixation	24 27	*	24 27	Assistive products for fixation	
Suction cups	24 27 03	*	24 27 03	Suction cups	
Non-slip pads	24 27 06	*	24 27 06	Non-slip pads	
Clips and spring-clips	24 27 12	=	24 27 12	Clips and spring-clips	
Magnets, magnetic strips and clamps	24 27 18	=	24 27 18	Magnets, magnetic strips and clamps	
Assistive products for carrying and transporting	24 36	*	24 36	Assistive products for carrying and transporting	
Assistive products for carrying	24 36 03	=	24 36 03	Assistive products for carrying	
Sets of castors	24 36 06	=	24 36 06	Sets of castors	
Baggage and shopping trolleys	24 36 09	=	24 36 09	Baggage and shopping trolleys	
Trolleys	24 36 12	*	24 36 12	Trolleys	
Assistive products for transport for use with bicycles or wheelchairs	24 36 15	*	24 36 15	Assistive products for transport for use with bicycles or wheelchairs	
Car trailers	24 36 18	=	24 36 18	Car trailers	
		!	24 39	Containers for storing objects	
Assistive products for environmental improvement and assessment	27	##	27	Assistive products for controlling, adapting or measuring elements of physical environments	
Assistive products for environmental improvement	27 03	=	27 03	Assistive products for environmental improvement	
Assistive products for controlling the internal climate	27 03 03	=	27 03 03	Assistive products for controlling the internal climate	
Air cleaners	27 03 06	*	27 03 06	Air cleaners	
Assistive products for reducing noise	27 03 09	*	27 03 09	Assistive products for reducing noise	
Assistive products for reducing vibrations	27 03 12	*	27 03 12	Assistive products for reducing vibrations	
Assistive products for controlling illumination	27 03 15	*	27 03 15	Assistive products for controlling illumination	
Water purifiers and water softeners	27 03 18	=	27 03 18	Water purifiers and water softeners	
Measuring instruments	27 06	*	27 06	Measuring instruments	
Assistive products and tools for measuring length	27 06 03	=	27 06 03	Assistive products and tools for measuring length	

Table C.1 (continued)

2011 edition		2016 edition		
Assistive products and tools for measuring angles	27 06 06	=	27 06 06	Assistive products and tools for measuring angles
Assistive products and tools for measuring volume	27 06 09	=	27 06 09	Assistive products and tools for measuring volume
Assistive products and tools for measuring mass (not of person)	27 06 12	=	27 06 12	Assistive products and tools for measuring mass (not of person)
Assistive products and tools for measuring electrical properties	27 06 15	=	27 06 15	Assistive products and tools for measuring electrical properties
Assistive products and tools for measuring pressure	27 06 18	=	27 06 18	Assistive products and tools for measuring pressure
Assistive products and tools for measuring climatic conditions	27 06 21	=	27 06 21	Assistive products and tools for measuring climatic conditions
Assistive products and tools for measuring colours	27 06 24	=	27 06 24	Assistive products and tools for measuring colours
Assistive products and tools for measuring sound levels	27 06 27	=	27 06 27	Assistive products and tools for measuring sound levels
Assistive products and tools for measuring density of fluids	27 06 30	=	27 06 30	Assistive products and tools for measuring density of fluids
Assistive products and tools for counting units	27 06 33	=	27 06 33	Assistive products and tools for counting units
Assistive products for employment and vocational training	28	##	28	Assistive products for work activities and participation in employment
Workplace furniture and furnishing elements	28 03	=	28 03	Workplace furniture and furnishing elements
Workdesks	28 03 03	*	28 03 03	Workdesks
Workbenches	28 03 06	*	28 03 06	Workbenches
Work chairs and office chairs	28 03 09	*	28 03 09	Work chairs and office chairs
Stools and standing aids for the workplace	28 03 12	##	28 03 12	Stools and standing chairs for workplaces
Furniture for storing tools and work materials	28 03 15	##	28 03 15	Storage and supply systems in workplaces <sup>c</sup>
	28 12 06	>		
Workplace mats	28 03 18	#	28 03 18	Workplace mats
Partition walls	28 03 21	=	28 03 21	Partition walls
Assistive products for transporting objects in the workplace	28 06	#	28 06	Assistive products for transporting objects in workplaces
Carts, trucks and lorries for the workplace	28 06 03	<	28 06 04	Hand operated industrial transport equipment
		<	28 06 05	Powered pedestrian-operated industrial transport equipment
		<	28 06 07	
Hand operated lifting trucks	28 06 06	=	28 06 06	Hand operated lifting trucks
	28 06 03	<	28 06 07	Powered rider-operated industrial transport vehicles
Powered industrial vehicles used to lift and transport materials	28 06 09	=	28 06 09	Powered industrial vehicles used to lift and transport materials
Conveyors	28 06 12	=	28 06 12	Conveyors
Assistive products for hoisting and repositioning objects in the workplace	28 09	##	28 09	Assistive products for hoisting and repositioning objects in workplaces
Cranes, tackles and load handling attachments	28 09 03	*	28 09 03	Cranes, tackles and load handling attachments
Manipulators and weight balancers	28 09 06	*	28 09 06	Manipulators and weight balancers
Lifting and positioning systems for the workplace	28 09 09	#	28 09 09	Lifting and positioning systems for workplaces
Lifting platforms for the workplace	28 09 12	#	28 09 12	Lifting platforms for workplaces
Assistive products for fixing, reaching and grasping objects in the workplace	28 12	##	28 12	Assistive products for fixing, reaching and grasping objects in workplaces

Table C.1 (continued)

2011 edition			2016 edition		
Assistive products for carrying and gripping workpieces and tools	28 12 03	*	28 12 03	Assistive products for carrying and gripping workpieces and tools <sup>d</sup>	
Assistive products for fixing and positioning workpieces and tools	28 12 06	*	28 12 06	Assistive products for fixing and positioning workpieces and tools	
			< 28 03 15		
Machines and tools for use in the workplace	28 15	#*	28 15	Machines and tools for use in workplaces	
Manually operated hand tools	28 15 03	*	28 15 03	Manually operated hand tools <sup>e</sup>	
Powered hand tools	28 15 06	=	28 15 06	Powered hand tools	
Machines for production and processing of commercial goods	28 15 09	=	28 15 09	Machines for production and processing of commercial goods	
Landscaping and construction machines	28 15 12	#	28 15 12	Landscaping, agricultural and construction machines and equipment	
Cleaning machines for the workplace	28 15 15	#*	28 15 15	Cleaning machines and equipment for workplaces	
Accessories for machines and tools	28 15 18	*	28 15 18	Accessories for machines and tools	
Workplace robots	28 15 21	*	28 15 21	Workplace robots	
Devices for testing and monitoring in the workplace	28 18	#	28 18	Devices for testing and monitoring in workplaces	
Measuring instruments and equipment for the workplace	28 18 03	#	28 18 03	Measuring instruments and equipment for workplaces	
Quality assurance devices for the workplace	28 18 06	#	28 18 06	Quality assurance devices for workplaces	
Assistive products for office administration, information storage and management at work	28 21	*	28 21	Assistive products for office administration, information storage and management at work	
Assistive products for organizing, sorting and filing paper documents	28 21 03	=	28 21 03	Assistive products for organizing, sorting and filing paper documents	
Assistive products for processing mail	28 21 06	*	28 21 06	Assistive products for processing mail	
Office machines and office equipment	28 21 09	=	28 21 09	Office machines and office equipment	
Office software and industrial software	28 21 12	*	28 21 12	Office software and industrial software	
Assistive products for health protection and safety in the workplace	28 24	#	28 24	Assistive products for health protection and safety in workplaces	
Personal protective equipment for the workplace	28 24 03	#*	28 24 03	Personal protective equipment for workplaces	
Assistive products for controlling illumination in the workplace	28 24 06	#*	28 24 06	Assistive products for controlling illumination in workplaces	
Assistive products for reducing vibration in the workplace	28 24 09	#*	28 24 09	Assistive products for reducing vibration in workplaces	
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Assistive products for noise reduction in the workplace	28 24 15	#*	28 24 15	Assistive products for noise reduction in workplaces	
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Assistive products for recuperation during work processes	28 24 24	*	28 24 24	Assistive products for recuperation during work processes	
Assistive products for vocational assessment and vocational training	28 27	*	28 27	Assistive products for vocational assessment and vocational training	
Assistive products for vocational assessment and vocational guidance	28 27 03	=	28 27 03	Assistive products for vocational assessment and vocational guidance	
Assistive products for general job training	28 27 06	>	28 27 07	Assistive products for vocational training	
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Table C.1 (continued)

2011 edition			2016 edition		
Assistive products for training in programming and informatics	28 27 12	>			
Assistive products for training in telecommunication	28 27 15	>			
Assistive products for training in occupational and commercial subjects	28 27 18	>			
Assistive products for recreation	30	#*	30		Assistive products for recreation and leisure
Assistive products for play	30 03	*	30 03		Assistive products for play
Toys	30 03 03	=	30 03 03		Toys
Playground equipment	30 03 06	*	30 03 06		Playground equipment
Games	30 03 09	*	30 03 09		Games
Assistive products for sports	30 09	*	30 09		Assistive products for sports
Assistive products for team ball sports	30 09 03	*	30 09 03		Assistive products for team ball sports
Assistive products for archery	30 09 06	*	30 09 06		Assistive products for archery
Assistive products for boating	30 09 09	*	30 09 09		Assistive products for boating
Assistive products for bowling	30 09 12	*	30 09 12		Assistive products for bowling
Assistive products for equestrianism	30 09 15	*	30 09 15		Assistive products for equestrianism
Assistive products for fencing	30 09 18	*	30 09 18		Assistive products for fencing
Assistive products for aviation	30 09 21	*	30 09 21		Assistive products for aviation
Assistive products for golf	30 09 24	*	30 09 24		Assistive products for golf
Assistive products for racquet and paddle sports	30 09 27	*	30 09 27		Assistive products for racquet and paddle sports
Assistive products for shooting	30 09 30	*	30 09 30		Assistive products for shooting
Assistive products for swimming and water sports	30 09 33	*	30 09 33		Assistive products for swimming and water sports
Assistive products for winter sports	30 09 36	*	30 09 36		Assistive products for winter sports
Assistive products for other sports	30 09 39	=	30 09 39		Assistive products for other sports
Assistive products for playing and composing music	30 12	*	30 12		Assistive products for playing and composing music
Assistive products for producing photos, films and videos	30 15	*	30 15		Assistive products for producing photos, films and videos
Handicraft tools, materials and equipment	30 18	*	30 18		Handicraft tools, materials and equipment
Tools, materials and equipment for textile handicraft	30 18 03	=	30 18 03		Tools, materials and equipment for textile handicraft
Tools, materials and equipment for pottery	30 18 06	=	30 18 06		Tools, materials and equipment for pottery
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Tools, materials and equipment for creative pictorial design	30 18 15	*	30 18 15		Tools, materials and equipment for creative pictorial design
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Assistive products for protecting and supporting the body while gardening	30 21 09	C	15 18 09		
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Table C.1 (continued)

2011 edition				2016 edition	
Assistive products for hunting and fishing	30 24	=	30 24	Assistive products for hunting and fishing	
Assistive products for hunting	30 24 03	*	30 24 03	Assistive products for hunting	
Assistive products for fishing	30 24 06	*	30 24 06	Assistive products for fishing	
Assistive products for camping and caravanning	30 27	*	30 27	Assistive products for camping and caravanning	
Assistive products for smoking	30 30	*	30 30	Assistive products for smoking	
Assistive products for pet care	30 33	~*	30 34	Assistive products for care of animals	
a	Educational test and evaluation materials moved to Class 05.				
b	Subclass 06 33 and all its divisions were deleted and orthopaedic shoes were included in 06 12 03.				
c	Storage boxes moved to 28 03 15 as containers.				
d	Claw grippers moved to 28 09 03.				
e	Pipettes are included in 28 18 03.				

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## Annex D (informative)

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