
International Standard



4416

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Size designation of clothes — Women's and girls' underwear, nightwear, foundation garments and shirts

Désignation des tailles de vêtements — Sous-vêtements, vêtements de nuit et de maintien et chemisiers pour femmes et filles

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Descriptors : clothing, underwear, garments, women, dimensions, designation, measurement, labelling, human body, graphic symbols.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 4416 was developed by Technical Committee ISO/TC 133, *Sizing systems and designations for clothes*, and was circulated to the member bodies in July 1980.

It has been approved by the member bodies of the following countries :

Brazil	India	Spain
China	Ireland	Sweden
Denmark	Israel	Switzerland
Egypt, Arab Rep. of	Italy	United Kingdom
Finland	Korea, Rep. of	USA
France	Romania	USSR
Hungary	South Africa, Rep. of	Yugoslavia

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Canada
Germany, F.R.
Japan
Netherlands
Poland

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0 Introduction

This International Standard is one of a series which deals essentially with the size designation of clothing, and is not directly concerned with sizing systems as such.

The primary aim of this and other International Standards in this series, is the establishment of a size designation system that indicates (in a simple, direct and meaningful manner) the body size of the woman or girl that a garment is intended to fit. Provided that the shape of her body (as indicated by the appropriate dimensions) has been accurately determined, this system will facilitate the choice of garments that fit.

The size designation system is based on body and not garment measurements. Choice of garment measurements is normally left to the designer and the manufacturer, who are concerned with style, cut and other fashion elements, and who must make due allowance for garments normally worn beneath a specific garment.

Definitions and body measurement procedure are prescribed in ISO 3635, which is applicable to all categories of clothing.

1 Scope and field of application

This International Standard establishes a system of designating the sizes of women's and girls' underwear garments, nightwear, foundation garments and shirts that are classified as

- a) covering the upper body only, or
- b) covering the whole body, or
- c) covering the lower body only,

and applies to civilian and uniform garments¹⁾.

Both the control dimensions on which the size designation system is based, and the method of indicating the size designation on a garment label, are laid down.

2 Reference

This International Standard should be read in conjunction with the following International Standard :

ISO 3635, *Size designation of clothes — Definitions and body measurement procedure.*

3 Definitions

For the purpose of this International Standard, the definitions given in ISO 3635 and the following definitions apply :

3.1 woman : A female person whose growth in height is finished.

3.2 girl : A female person whose growth in height is not yet finished.

4 Control dimensions

The control dimensions shall be as follows :

- a) Women's garments covering the upper body only :

Other than foundation garments	Foundation garments
Bust girth	1) Underbust girth
	2) Bust girth

- b) Girls' garments covering the upper body only :

Other than foundation garments	Foundation garments
1) Bust girth	1) Underbust girth
2) Height	2) Bust girth

1) Examples of garments covered by this International Standard are given in the annex.

- c) Women's garments covering the whole body :

Other than foundation garments and nightwear	Foundation garments
1) Bust girth	1) Underbust girth
2) Height	2) Bust girth
	3) Hip girth

Nightwear

1-piece garments	2-piece garments
1) Bust girth	1) Bust girth
2) Height	2) Hip girth
	3) Height

- d) Girls' garments covering the whole body :

Other than foundation garments

- 1) Bust girth
- 2) Hip girth
- 3) Height

- e) Women's garments covering the lower body only :

Other than foundation garments	Foundation garments
Hip girth	1) Waist girth
	2) Hip girth

- f) Girls' garments covering the lower body only :

Other than foundation garments	Foundation garments
1) Hip girth	1) Waist girth
2) Height	2) Hip girth

5 Size designation

5.1 The size designation of each garment shall comprise the control dimensions (see clause 4), in centimetres, of the intended wearer of that garment. Where practicable, the standard or the modified pictogram, as given in ISO 3635, should be used as a means of indicating the size designation. Where it is not practicable to use the pictogram, the control measurements shall be given, together with the descriptive

words such as bust girth, hip girth, etc., alongside, in the order in which they are given in clause 4.

NOTE — The above requirements shall not preclude the use, in exceptional instances and as specified by the national standards organization concerned, of

- a) size designations comprising only one or two of the applicable control dimensions;
- b) size designations shown as a range by stating the minimum and maximum control measurements separated by an oblique stroke or hyphen.

5.2 Garment measurements shall not be incorporated in the size designation but, where considered of value, garment measurements may be indicated separately (see 6.3).

6 Labelling

6.1 Method

The size designation of each garment shall be indicated clearly, conspicuously and in plainly legible form on a label, or on a swing ticket, or on both. Pictograms shall be large enough to ensure immediate understanding and numerals shall, in all cases, be readily discernible.

6.2 Attachment

The label or swing ticket shall be securely attached to the garment and so positioned as to be easily readable.

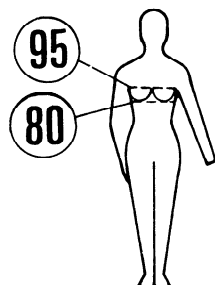
6.3 Additional information

Information additional to the size designation may be separately indicated on the label, or on the swing ticket, or on both, provided that it does not in any way reduce the prominence and conspicuousness of the size designation. Such additional information may include a size code number, body measurements, or garment measurements considered to constitute useful information.

6.4 Examples of labels

The examples of labels given in figures 1 and 2 illustrate methods of labelling that range from the simple indication on the standard pictogram of the relevant control dimensions to more elaborate forms that provide additional information, such as a garment measurement or a size code number. Where the size designation is supplemented by a size code number, separation of the two, as illustrated, renders the size code number readily recognizable as being part of a system of size designation adopted by a national or limited population group only.

a) Woman's brassiere

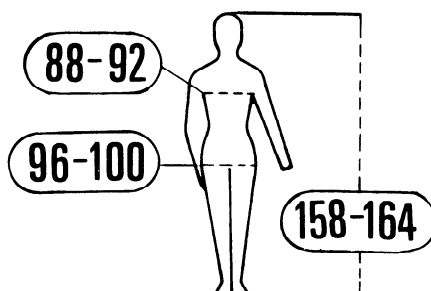


or

UNDERBUST GIRTH	80
BUST GIRTH	95
SIZE CODE	80B

1)

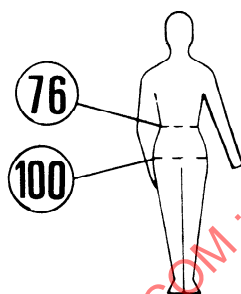
b) Woman's pyjamas



or

BUST GIRTH	88-92
HIP GIRTH	96-100
HEIGHT	158-164

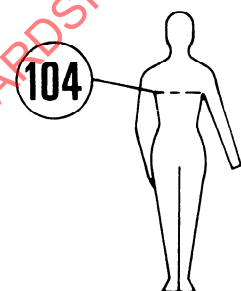
c) Woman's girdle



or

WAIST GIRTH	76
HIP GIRTH	100

d) Woman's sports shirt



or

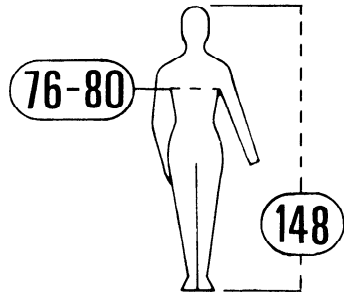
BUST GIRTH	104
SIZE CODE	18

1)

Figure 1 — Examples of labels for women's wear garments

1) Examples of additional information included in accordance with 6.3.

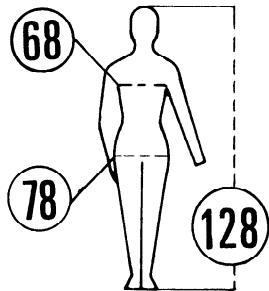
a) Girl's tee-shirt



or

BUST GIRTH	76-80
HEIGHT	148

b) Girl's gym suit

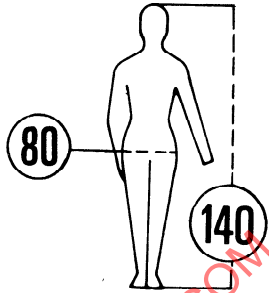


or

BUST GIRTH	68
HIP GIRTH	78
HEIGHT	128
WAIST GIRTH	60

1)

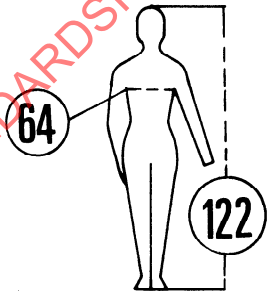
c) Girl's panties



or

HIP GIRTH	80
HEIGHT	140

d) Girl's uniform shirt



or

BUST GIRTH	64
HEIGHT	122
NECK GIRTH	28

1)

Figure 2 — Examples of labels for girls' wear garments

1) Examples of additional information included in accordance with 6.3.