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Sizing systems for women's garments

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by the Japan Apparel Technology and Research Association (JATRA)/ the Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law. Consequently **JIS L 4005 : 1997** is replaced with this Standard.

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Sizing systems for women's garments

Introduction This Japanese Industrial Standard has been made based on **ISO 3637** *Size designation of clothes—Women's and girls' outerwear garments* published in 1977 as the first edition and **ISO 4416** *Size designation of clothes—Women's and girls' underwear, nightwear, foundation garments and shirts* published in 1981 as the first edition with modifying their technical contents.

A table of modification is given in Annex 2 (informative) with the explanation.

1 Scope This Standard specifies the sizing systems and the size designation of women's ready-made clothes (except KIMONO and other Japanese style clothes).

Remarks : The International Standards corresponding to this Standard are as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified) and NEQ (not equivalent) according to **ISO/IEC Guide 21**.

ISO 3637 : 1977 *Size designation of clothes—Women's and girls' outerwear garments* (MOD)

ISO 4416 : 1981 *Size designation of clothes—Women's and girls' underwear, nightwear, foundation garments and shirts* (MOD)

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. If the indication of the year of publication is given to these referred standards, only the edition of indicated year constitutes the provision of this Standard but the revision and amendment made thereafter are not applied. The normative references without the indication of the year of publication apply limiting only to the most recent edition (including amendments).

JIS L 0111 *Glossary of terms used in body measurements for clothes*

JIS L 0112 *Glossary of terms on parts and measurements of clothes*

JIS L 0215 *Glossary of terms on clothes*

ISO 3635 : 1981 *Size designation of clothes—Definitions and body measurement procedure*

3 Definitions For the purposes of this Standard, the definitions given in **JIS L 0111**, **JIS L 0112** and **JIS L 0215** and the following definitions apply:

- a) **woman** A female person whose growth in height is finished.
- b) **ready-made garment** Clothes given in Attached Table 1.
- c) **size of ready-made garment** Size of ready-made garment as a whole which is given with the control dimensions and the specific garment measurements.

- d) **control dimension** Dimensions in centimeter of the body part on which the size of ready-made garments is based.
- e) **specific garment measurement** Garment dimensions of specific portion in the size designation of specific ready-made garment. These are the actual dimensions of relevant parts indicated in centimeters.

4 Classification by covering body part The ready-made garments shall be classified as the following according to covering body part.

- a) **Covering the whole body** Ready-made garments mainly for covering the whole body.
- b) **Covering the upper body** Ready-made garments mainly for covering the upper body only.
- c) **Covering the lower body** Ready-made garments mainly for covering the lower body only.

5 Control dimensions and specific garment measurement The control dimensions to be used in this Standard shall be bust girth, waist girth, hip girth and height and the specific garment measurement shall be inside leg length (in this text, hereafter referred to as "MATASHITA TAKE"), slip length and petticoat length.

6 Classification of size designations The sizes shall be indicated by designations as follows:

- a) **Designation by body type**
- b) **Designation by single numerical value**
- c) **Designation by range**

7 Designation by body type

7.1 Body type classification The body types shall be classified as given in Table 1.

Table 1 Body type classification

Body type	Definition
Body type A	The women's body type indicated with the hip girth considered to be with highest frequency in each combination of height and bust, when dividing the sizes of Japanese women's heights into 142 cm, 150 cm, 158 cm and 166 cm, and of the busts of 74 cm to 92 cm at the interval of 3 cm and 92 cm to 104 cm at the interval of 4 cm.
Body type Y	The body type of the woman whose hip girth is 4 cm smaller than that of body type A.
Body type AB	The body type of the woman whose hip girth is 4 cm larger than that of body type A. The bust, however, shall be up to 124 cm.
Body type B	The body type of the woman whose hip girth is 8 cm larger than that of body type A.

7.2 Size classification and designation The size classification and designation for each body type division shall be as shown in Tables 2.1 to 5.2.

Informative reference : The designation is given by the bust girth, body type and symbols for height.

The symbols for heights are as follows:

- R: The symbol for the height of 158 cm and the abbreviation of regular.
- P: The symbol for the height of 150 cm and the abbreviation of petite.
- PP: The symbol for the height of 142 cm and Ps doubled for meaning smaller than P.
- T: The symbol for the height of 166 cm and the abbreviation of tall.

Table 2.1 Body type A: 142 cm height

Unit : cm

Designation			5APP	7APP	9APP	11APP	13APP	15APP	17APP	19APP	
Control dimensions			Bust girth	77	80	83	86	89	92	96	100
			Hip girth	85	87	89	91	93	95	97	99
			Height	142							
Informative*	Waist girth	Group by age	10	61	—	—	70	73	76	—	—
			20		64	67					
			30							80	
			40	64	67	70	73	76	80	84	
			50								
			60								88
			70	67	70	73	76	80			

Note * The waist girth corresponding to each size which is determined based on the average value of the group by age is shown for reference. Grouping by age is as follows:

“10” 16 to 19 years of age, “20” 20 to 29 years, “30” 30 to 39 years, “40” 40 to 49 years, “50” 50 to 59 years, “60” 60 to 69 years and “70” 70 to 79 years.

Table 2.2 Body type A: 150 cm height

Unit : cm

Designation			3AP	5AP	7AP	9AP	11AP	13AP	15AP	17AP	19AP	21AP					
Control dimensions			Bust girth	74	77	80	83	86	89	92	96	100	104				
			Hip girth	83	85	87	89	91	93	95	97	99	101				
			Height	150													
Informative*	Waist girth	Group by age	10	58	61	64	64	67	70	73	76	80	84				
			20							67	70			73	76	80	
			30														
			40	61	64	67							84	88			
			50														
			60				64			70	73	76			80	84	88
			70						67	70	73	76					

Table 2.3 Body type A: 158 cm height

Unit : cm

Designation				3AR	5AR	7AR	9AR	11AR	13AR	15AR	17AR	19AR
Control dimensions		Bust girth		74	77	80	83	86	89	92	96	100
		Hip girth		85	87	89	91	93	95	97	99	101
		Height		158								
Informa- tive*	Waist girth	Group by age	10	58	61	61	64	67	70	73	76	80
			20									
			30	61		64	67	70	73	76	80	84
			40		64							
			50	64		67						
			60	—	—		70	73	76	80	84	88
			70			—	—	76				—

Table 2.4 Body type A: 166 cm height

Unit : cm

Designation				3AT	5AT	7AT	9AT	11AT	13AT	15AT	17AT	19AT
Control dimensions		Bust girth		74	77	80	83	86	89	92	96	100
		Hip girth		87	89	91	93	95	97	99	101	103
		Height		166								
Informa- tive*	Waist girth	Group by age	10	61	61	64	64	67	70	73	76	80
			20									
			30		64		67	70	73	76	80	
			40									
			50	—	—		70	73				—
			60			—			—	—	—	
			70					—				

Table 3.1 Body type Y: 142 cm height

Unit : cm

Designation				9YPP	11YPP	13YPP	15YPP
Control dimensions		Bust girth		83	86	89	92
		Hip girth		85	87	89	91
		Height		142			
Informa- tive*	Waist girth	Group by age	10		—	70	—
			20	—	67		
			30				73
			40	67			
			50		70	73	76
			60				
			70	70	73	76	80

Table 3.2 Body type Y: 150 cm height

Unit : cm

Designation				5YP	7YP	9YP	11YP	13YP	15YP	17YP
Control dimensions	Bust girth			77	80	83	86	89	92	96
	Hip girth			81	83	85	87	89	91	93
	Height			150						
Informa- tive*	Waist girth	Group by age	10	61	61	64	67	70	73	73
			20							76
			30		64	67	70	73	76	80
			40							
			50							
			60	64	67	70	73	76	80	84
			70							

Table 3.3 Body type Y: 158 cm height

Unit : cm

Designation				3YR	5YR	7YR	9YR	11YR	13YR	15YR	17YR	19YR
Control dimensions	Bust girth			74	77	80	83	86	89	92	96	100
	Hip girth			81	83	85	87	89	91	93	95	97
	Height			158								
Informa- tive*	Waist girth	Group by age	10	58	61	61	64	64	67	70	73	76
			20									
			30					67	70	73	76	80
			40	61		64	67	70	73	76	80	84
			50		64							
			60	—	—	—	70					
			70					73	—	—	—	—

Table 3.4 Body type Y: 166 cm height

Unit : cm

Designation				5YT	7YT	9YT	11YT	13YT	15YT
Control dimensions	Bust girth			77	80	83	86	89	92
	Hip girth			85	87	89	91	93	95
	Height			166					
Informa- tive*	Waist girth	Group by age	10	58	61	61	64	67	70
			20						
			30	61	64	64	67	70	73
			40			67			
			50				70		
			60	—	—			—	—
			70						

Table 4.1 Body type AB: 142 cm height

Unit : cm

Designation				7ABPP	9ABPP	11ABPP	13ABPP	15ABPP	17ABPP
Control dimensions	Bust girth			80	83	86	89	92	96
	Hip girth			91	93	95	97	99	101
	Height			142					
Informa- tive*	Waist girth	Group by age	10	—	—	—	—	—	80
			20				73		
			30				76		
			40	70	73				84
			50						
			60	70	73	76	80	84	88
			70						

Table 4.2 Body type AB: 150 cm height

Unit : cm

Designation				3ABP	5ABP	7ABP	9ABP	11ABP	13ABP	15ABP	17ABP	19ABP	21ABP
Control dimensions	Bust girth			74	77	80	83	86	89	92	96	100	104
	Hip girth			87	89	91	93	95	97	99	101	103	105
	Height			150									
Informa- tive*	Waist girth	Group by age	10	58	61	64	67	70	73	76	80	—	—
			20	61	64								
			30	64	67	70	73	76	80	84	88	—	—
			40										
			50	64	67	70	73	76	80				92
			60										
			70										

Table 4.3 Body type AB: 158 cm height

Unit : cm

Designation			3ABR	5ABR	7ABR	9ABR	11ABR	13ABR	15ABR	17ABR	19ABR	21ABR	23ABR	
Control dimensions		Bust girth	74	77	80	83	86	89	92	96	100	104	108	
		Hip girth	89	91	93	95	97	99	101	103	105	107	109	
		Height	158											
Informa- tive*	Waist girth	Group by age	10	61	61	64	67	70	70	73	76	80	—	—
			20						64	73	76	80		
			30	64	67	70	73	76					80	
			40						67	70	73	76		
			50	67	67	70	73	76					80	
			60						67	67	70	73		
			70	—	—	73	76	80					—	

Remarks : When a remarkably larger size of the bust girth is required, Table 4.5 may be applicable.

Table 4.4 Body type AB: 166 cm height

Unit : cm

Designation				5ABT	7ABT	9ABT	11ABT	13ABT	15ABT
Control dimensions		Bust girth		77	80	83	86	89	92
		Hip girth		93	95	97	99	101	103
		Height		166					
Informa- tive*	Waist girth	Group by age	10	61	64	67	70	70	73
			20						
			30	64					73
			40		67	70	73	76	80
			50						
			60	—			—	—	
			70		—	73			76

Table 4.5 Body type AB: 158 cm height

Unit : cm

Designation		25ABR	27ABR	29ABR	31ABR
Control dimensions	Bust girth	112	116	120	124
	Hip girth	111	113	115	117
	Height	158			

Table 5.1 Body type B: 150 cm height

Unit : cm

Designation			5BP	7BP	9BP	11BP	13BP	15BP	17BP	19BP	
Control dimensions		Bust girth	77	80	83	86	89	92	96	100	
		Hip girth	93	95	97	99	101	103	105	107	
		Height	150								
Informa- tive*	Waist girth	Group by age	10	64	64	67	70	73	76	—	—
			20		67	70	73	76		80	
			30	67					80	84	84
			40		70	73	76				88
			50					80			
			60								
			70	—	73	76	80		—	88	—

Table 5.2 Body type B: 158 cm height

Unit : cm

Designation			7BR	9BR	11BR	13BR	15BR	17BR	19BR	
Control dimensions		Bust girth	80	83	86	89	92	96	100	
		Hip girth	97	99	101	103	105	107	109	
		Height	158							
Informa- tive*	Waist girth	Group by age	10	64	67	70	73	76	80	84
			20							
			30	67	70	73	76	80	84	88
			40							
			50	70	73					
			60	73						92
			70		—	—	—	—	88	

8 Designation by single numerical value The designation by single numerical value shall be as shown in Table 6.1 to Table 10.

**Table 6.1 Designation by single numerical value—
Designation by bust girth and height: 142 cm height**

Unit : cm

Designation		5PP	7PP	9PP	11PP	13PP	15PP	17PP	19PP	21PP
Control dimensions	Bust girth	77	80	83	86	89	92	96	100	104
	Height	142								

**Table 6.2 Designation by single numerical value—
Designation by bust girth and height: 150 cm height**

Unit : cm

Designation		3P	5P	7P	9P	11P	13P	15P	17P	19P	21P	23P
Control dimensions	Bust girth	74	77	80	83	86	89	92	96	100	104	108
	Height	150										

**Table 6.3 Designation by single numerical value—
Designation by bust girth and height: 158 cm height**

Unit : cm

Designation		3R	5R	7R	9R	11R	13R	15R	17R	19R	21R	23R	25R
Control dimensions	Bust girth	74	77	80	83	86	89	92	96	100	104	108	112
	Height	158											

Remarks : When a remarkably bigger size of the bust girth is required, Table 6.5 may be applicable.

**Table 6.4 Designation by single numerical value—
Designation by bust girth and height: 166 cm height**

Unit : cm

Designation		5T	7T	9T	11T	13T	15T	17T	19T
Control dimensions	Bust girth	77	80	83	86	89	92	96	100
	Height	166							

**Table 6.5 Designation by single numerical value—
Designation by bust girth and height: 158 cm height**

Unit : cm

Designation		27R	29R	31R
Control dimensions	Bust girth	116	120	124
	Height	158		