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Sizing systems for boys' garments

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**Technical Committee on Boys' Ready-Made
Garment**

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**In the event of any doubts arising as to the contents,
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Sizing systems for boys' garments

Introduction This Standard is a revised edition of **JIS L 4002 : 1990** on the basis of the analysis of the body type measurements and is intended to be in conformance with **ISO 3636**, *Size designation of clothes—Men's and boys' outerwear garments* and **ISO 4415**, *Size designation of clothes—Men's and boys' underwear, nightwear and shirts*.

1 Scope This Japanese Industrial Standard specifies the systems of designating and indicating the size of ready-made boys' garments.

With respect to the size designation and its indicating method, it is allowed to be in compliance with "Size designation based on ISO Standards" specified in Annex to this Standard. In this case, classification of size is not specified.

Remarks 1 Normative references to this Standard are as follows:

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

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

JIS L 0215 *Glossary of terms on clothes*

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

2 The corresponding International Standards to this Standard are shown below:

ISO 3636 : 1977 *Size designation of clothes—Men's and boys' outerwear garments*

ISO 4415 : 1981 *Size designation of clothes—Men's and boys' underwear, nightwear and shirts*

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

- (1) **boy** A male person whose growth in height is not yet finished (except infant).
- (2) **ready-made garment** Clothes shown in Attached Table 1.
- (3) **size designation of ready-made garment** Size of ready-made garment as a whole indicated with control dimensions.
- (4) **control dimensions** Dimension of body portion making the basis of the size of ready-made garment indicated in centimeters.

3 Classification by covering body part The ready-made garments shall be classified as shown below according to covering body part.

- (1) **Covering the whole body** Ready-made garment mainly for covering the whole body.
- (2) **Covering the upper body** Ready-made garment mainly for covering the upper body.
- (3) **Covering the lower body** Ready-made garment mainly for covering the lower body.

4 Control dimensions The control dimensions used in this Standard shall be height, chest girth and waist girth.

5 Classification by size designation The classification by the size designation shall be as follows:

- (1) Designation by body type
- (2) Designation by one numerical value
- (3) Designation by range

6 Designation by body type

6.1 Body type classification Body types shall be classified as given in Table 1.

Table 1 Body type classification

Body type	Definition
Body type A	Boys' body type indicated with chest girth or waist girth which shows high relative frequency of the combination of height and chest girth or height and waist girth, when dividing the Japanese boys' height in the range of 90 cm to 185 cm at intervals of 10 cm.
Body type Y	The body type of the boy whose chest girth (¹) or waist girth is 6 cm smaller than that of body type A.
Body type B	The body type of the boy whose chest girth or waist girth is 6 cm larger than that of body type A.
Body type E	The body type of the boy whose chest girth or waist girth is 12 cm larger than that of body type A.

Note (¹) The chest girth specified in this Standard is chest girth measured across the chest nipples.

6.2 Size classification and designation The size classification and designation for each body type division shall be as shown in Tables 2-1 to 5-3.

Table 2-1 Body type A (height and chest girth)

Unit: cm

Designation		90A	100A	110A	120A	130A	140A	150A	160A	170A	180A
Control dimensions	Height	90	100	110	120	130	140	150	160	170	180
	Chest girth	48	52	56	60	64	68	74	80	86	92

Table 2-2 Body type A (height and chest girth)

Unit: cm

Designation		95A	105A	115A	125A	135A	145A	155A	165A	175A	185A
Control dimensions	Height	95	105	115	125	135	145	155	165	175	185
	Chest girth	50	54	58	62	66	71	77	83	89	95

Table 2-3 Body type A (height and waist girth)

Unit: cm

Designation		90A	100A	110A	120A	130A	140A	150A	160A	170A	180A
Control dimensions	Height	90	100	110	120	130	140	150	160	170	180
	Waist girth	48	50	52	54	56	58	62	66	70	74

Table 2-4 Body type A (height and waist girth)

Unit: cm

Designation		95A	105A	115A	125A	135A	145A	155A	165A	175A	185A
Control dimensions	Height	95	105	115	125	135	145	155	165	175	185
	Waist girth	49	51	53	55	57	60	64	68	72	76

Table 3-1 Body type Y (height and chest girth)

Unit: cm

Designation		120Y	130Y	140Y	150Y	160Y	170Y	180Y
Control dimensions	Height	120	130	140	150	160	170	180
	Chest girth	54	58	62	68	74	80	86

Table 3-2 Body type Y (height and waist girth)

Unit: cm

Designation		120Y	130Y	140Y	150Y	160Y	170Y	180Y
Control dimensions	Height	120	130	140	150	160	170	180
	Waist girth	48	50	52	56	60	64	68

Table 4-1 Body type B (height and chest girth)

Unit: cm

Designation		120B	130B	140B	150B	160B	170B	180B
Control dimensions	Height	120	130	140	150	160	170	180
	Chest girth	66	70	74	80	86	92	98

Table 4-2 Body type B (height and waist girth)

Unit: cm

Designation		120B	130B	140B	150B	160B	170B	180B
Control dimensions	Height	120	130	140	150	160	170	180
	Waist girth	60	62	64	68	72	76	80

Table 5-1 Body type E (height and chest girth)

Unit: cm

Designation		130E	140E	150E	160E	170E
Control dimensions	Height	130	140	150	160	170
	Chest girth	76	80	86	92	98

Table 5-2 Body type E (height and waist girth)

Unit: cm

Designation		130E	140E	150E	160E	170E
Control dimensions	Height	130	140	150	160	170
	Waist girth	68	70	74	78	82

Remarks: In the case where a remarkably large size of waist girth against height is required, the following Table 5-3 may be applied as exception. However, in this case the corresponding height shall be indicated with range.

Table 5-3 Body type E (waist girth)

Unit: cm

Control dimensions	Waist girth	73	76	79	82	85	88	91
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Example of indication Height 145-155
 Waist girth 76

7 Designation by one numerical value The designation by one numerical value shall be as shown in Table 6-1 and Table 6-2.

Table 6-1 Designation by one numerical value (chest girth)

Unit: cm

Designation		90	100	110	120	130	140	150	160	170	180
Control dimensions	Chest girth	48	52	56	60	64	68	74	80	86	92