

JIS

JAPANESE INDUSTRIAL STANDARD

Control cable system units

JIS T 9221—1992

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T 9221-1992

1. Scope This Japanese Industrial Standard specifies the metallic control cable system units for body-powered upper extremity prosthesis (hereafter referred to as the "cable system").

Remarks 1. The cited standard in this Standard is as follows:

JIS G 4308 Stainless steel wire rods

2. The units and numerical values given in { } in this Standard are based on the traditional units, and are appended for informative reference.

2. Classification and symbol The classification and symbol shall be specified in Table 1.

Table 1

Classification	Symbol
Single control cable system	SC
Multiple control cable system	DC

3. Performance

3.1 General conditions The general conditions shall be as follows.

- (1) When a cable itself is curved at the radius of curvature of 25 mm, wires of the cable shall not be broken.
- (2) When a cable housing is curved at the radius of curvature of 25 mm, the coil shall not be deformed.
- (3) Fittings of cable with cable hanger, ball terminal, rotating terminal and ball receiver, shall be so shaped appropriately as not to be too loose.
- (4) Fittings of cable housing with floating anchor and cable housing with retainer, shall be so adjusted as not to move the cable during use.
- (5) Fittings of base plate with retainer shall be so adjusted as not to come off during use.

3.2 Static strength The cable system shall, when tested according to 8.1, meet Table 2.