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**Tire valves for bicycles**

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## Foreword

This Japanese Industrial Standard has been 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 Japan Bicycle Promotion Institute (JBPI)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS D 9422** : 2008), which has been technically revised.

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## Tire valves for bicycles

### 1 Scope

This Japanese Industrial Standard specifies the requirements for tyre valves used for inner tubes for bicycle tyres specified in **JIS K 6304** (hereafter referred to as valves).

### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS D 4211 *Tyre valve cores for automobiles*

JIS K 6304 *Inner tubes for bicycle tyres*

### 3 Terms and definitions

No terms and definitions are listed in this Standard.

### 4 Types and symbols

The valves shall be classified as **a)** and **b)** according to the air seal constructions and the jointing systems with tube. When using symbols to indicate the types, **c)** shall apply.

a) The air seal constructions are classified into three types as shown in Table 1.

**Table 1 Types according to air seal constructions**

Type	Symbol	Air seal construction
Woods valve	E	Seal by valve rubber
Schrader valve	A	Seal by use of valve packing
Presta valve	F	Seal by use of shell packing

b) The jointing systems with tube are classified into two types as shown in Table 2.

**Table 2 Types according to jointing systems with tube**

Type	Symbol	Jointing system with tube
Rubber base valve <sup>a)</sup>	R	Adhesion through rubber seat (system in which a valve is adhered to tube through rubber seat)
Metal base valve	M	Metal pressure welding (system in which tube is held between body flange and washer)
Note <sup>a)</sup> Including rubber covered valves.		