



JAPANESE  
INDUSTRIAL  
STANDARD

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JIS C 2569 : 1998

Ring cores made of ferromagnetic  
oxide

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ICS 29.030 ; 29.100.10

**Descriptors** : ferrous alloys, magnetic alloys, oxides, magnetic cores, magnetic materials, electric coils, ferrites, sintered products

**Reference number** : JIS C 2569 : 1998 (E)

## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS C 2569 : 1990** is replaced with **JIS C 2569 : 1998**.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,  
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## Ring cores made of ferromagnetic oxide

**Introduction** This Japanese Industrial Standard has been prepared based on **IEC 60525** *Dimensions of toroids made of magnetic oxides or iron powder* published in 1976 as the first edition, and Amendment 1 : 1980. However, the content of the corresponding parts (dimensions) is modified and the provisions for matters other than dimensions which are not specified in the corresponding International Standard are added.

The **IEC** Standard number is based on the new numbering system of **IEC** Standards put in force on January 1st 1997, and the Standard published before the said date is numbered by adding 60000 to the former number. This is only the change in the numbering system and the contents remain unchanged.

**1 Scope** This Standard specifies ring cores made of ferromagnetic oxide mainly used for choke coils for electromagnetic interference suppression and for pulse transformers.

Remarks : Corresponding International Standard is given below.

**IEC 60525** ( 1976), *Dimensions of toroids made of magnetic oxides or iron powder*

**2 Normative references** The following standard contains provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions (including amendments) of the standards indicated below shall be applied.

JIS C 2560 *General rules for ferrite cores*

**3 Definitions** For the purpose of this Standard the principal definitions stated in **JIS C 2560** apply.

### 4 Type designation

**4.1 Structure of type designation** The type designation shall be structured as shown in the following arrangement.

	<div><div>Symbol denoting ferro- magnetic- oxide core (4.2.1)</div></div>	<div><div>Symbol denoting shape (4.2.2)</div></div>	<div><div>Hy- phen</div></div>	<div><div>Symbol denoting dimension <math>d_1</math> (4.2.3)</div></div>	<div><div>Hy- phen</div></div>	<div><div>Symbol denoting dimension <math>h</math> (4.2.3)</div></div>
Example :	F	OR	-	19	-	10
	<div><div>Hy- phen</div></div>	<div><div>Symbol denoting dimension <math>d_2</math> (4.2.3)</div></div>	<div><div>Hy- phen</div></div>	<div><div>Symbol denoting material (4.2.4)</div></div>		
	-	10	-	XY10		