

ICS 29.100.10

CCS L19



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 12796.1-2012

Replacing GB/T 12796-1991

Permanent ferrite magnets - Part 1: Generic specification

永磁铁氧体磁体 第1部分：总规范

Issued on: November 5, 2012

Implemented on: February 15, 2013

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

GB/T 12796 "permanent ferrite magnets" is divided into the following sections.

--- Part 1. Generic specification;

--- Part 2. Micro-motor specification for permanent ferrite magnets. This is Part 1 GB/T 12796 in. Rules of the part based on GB/T 1.1-2009 given draft. This Part replaces GB/T 12796-1991 "General specification for permanent ferrite magnets." This section compared with GB/T 12796-1991, the following changes.

- a) the name of the specification and writing formats have been adjusted;
- b) changing the name of some of the terms and definitions, and adds the English;
- c) increasing the inspection method magnet magnetic parameters;
- d) on the "primary stage of manufacture" Content has been adjusted;
- e) the content of the blank detail specification has been adjusted;
- f) re-edit format has been adjusted. This part is proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This part of the National Magnetic components and ferrite materials Standardization Technical Committee (SAC/TC89) centralized. This section drafted by: Yi Bin Jinchuan Electronics Co., Ltd. The main drafters of this section. Dan Qinghui, Wang, Xu Xiaoli, Li Liangjun. This section was first released in 1991. Permanent ferrite magnets Part 1. Generic specification

1 Scope

GB/T 12796.1-2012 is the Chinese national standard on permanent ferrite magnets - part 1: generic specification, in the field of electrical engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 5 November 2012 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 15 February 2013.

Classification: ICS 29.100.10, CCS L19. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section GB/T 12796 provides for permanent ferrite magnets (hereinafter referred to as "magnet") quality assessment procedures, specification, blank detail Specification fine selection of pilot projects and measuring methods and related units, symbols and terminology also provides for the preparation of the blank detail specification rules. This section applies to electro-acoustic, telecommunications equipment, instruments, vacuum devices, microwave devices, micro motors, magnetic separation equipment, adsorption equipment, magnetic machine Mechanical, magnetic seal devices such as isotropic and anisotropic magnets, comprising bonded magnet.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2421.1-2008 Environmental testing for electric and electronic products and Overview Guide (IEC 60068-1. 1988, IDT)

GB/T 2423.1-2008 Environmental testing for electric and electronic products Part 2. Test methods Test A. Cold (

IEC 60068-2-1. 2007, IDT)

GB/T 2423.2-2008 Environmental testing for electric and electronic products Part 2. Test methods Test B. high temperature (

IEC 60068-2-2. 2007, IDT)

GB/T 2423.5-1995 Environmental testing for electric and electronic products Part 2. Test methods Test Ea and guidance. Shock (idt IEC 60068-2-27. 1987)

GB/T 2423.6-1995 Environmental testing for electric and electronic products Part 2. Test methods - Test Eb and guidance. Bump (idt IEC 60068-2-29. 1987)

GB/T 2423.10-2008 Electrical and Electronic Products Environmental Testing Part 2. Test methods Test Fc. Vibration (sinusoidal) (IEC 60068-2-6.1995, IDT)

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Program (ISO 2859-1.1999, IDT)

GB 3100 International System of Units and its application (GB 3100-1993, eqv ISO 1000.1992)

GB 3101 general principles relating to amounts, units and symbols (GB 3101-1993, eqv ISO 31-0.1992)

GB/T 3217-1992 permanent magnet (magnetically hard) materials magnetic measurements (neq IEC 60404-5. 1982)

GB/T 9634 (all parts) ferrite core surface defect limit guidelines (IEC 60424, IDT)

3 General Technical Information

3.1 Priority No matter what causes each standard room is inconsistent, it should follow the following order of priority.