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

GB/T 26090-2010

Gear circular pitch measuring instrument

齿轮齿距测量仪

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Foreword

The standard proposed by China Machinery Industry Federation. The standard measuring instrument by the National Standardization Technical Committee (SAC/TC132) centralized. This standard is drafted by: Harbin Measuring & Cutting Tool Group Co., Ltd. Participated in the drafting of this Standard. China Institute of Metrology, Beijing Branch in Sunny Ltd. since. The main drafters of this standard. Liu Qingsheng, Sun Xiuwen, Chenxian Min, Zhao, Chen Hongan, Huo Wei. Gear tooth pitch measuring instrument

1 Scope

GB/T 26090-2010 is the Chinese national standard on gear circular pitch measuring instrument, in the field of metrology and measurement. 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 10 January 2011 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 1 October 2011. Classification: ICS 17.040.30, CCS J42. 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 standard specifies the gear pitch gauge terms and definitions, types and basic parameters, requirements, safety performance, testing conditions, test side France, marking and packaging. This standard applies to gear modulus can be measured in the range of 1mm ~ 20mm, the tip diameter of not more than 600mm of gear tooth pitch measuring instrument (Hereinafter referred to as "pitch meter").

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including

errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 191-2008 Packaging - Pictorial signs (ISO 780.1997, MOD)

GB 4793.1-2007 measurement, control and laboratory safety requirements for electrical equipment Part 1. General requirements (IEC 61010- 1.2001, IDT)

GB/T 4879-1999 rust-proof packaging

GB/T 5048-1999 proof packaging

GB/T 6388-1986 transport package shipping mark

GB/T 9969-2008 General Industrial Product Manual

GB/T 10095.1-2008 Cylindrical gear accuracy system - Part 1. Definitions flanks of gear and allowable values of deviations (ISO 1328-1.1995, IDT)

GB/T 14436-1993 General industrial products assurance documents

GB/T 17163-2008 dimensional measuring instruments - Basic terminology

3 Terms and Definitions

GB/T 10095.1-2008, GB/T 17163-2008 established in the following terms and definitions apply to this standard.

3.1 Using relative or absolute measurement method, using the appropriate sensor for measuring a single pitch deviation, cumulative pitch deviations, total cumulative pitch bias Poor gear, special measuring instrument parameters projects.

4 Types and basic parameters

4.1 Pitch gauge type and the name of the main part shown in Figure 1. Illustration illustration purposes only and does not indicate a specific configuration.