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

中华人民共和国国家标准

GB/T 10095.2-2008/ISO 1328-2:1997

Replace GB/T 10095.2-2001

**Cylindrical gears - System of accuracy - Part 2:
Definitions and allowable values of deviations relevant
to radial composite deviations and runout information**

圆柱齿轮 精度制

第 2 部分：径向综合偏差与径向跳动的定义和允许值

(ISO 1328-2: 1997, IDT)

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China**

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Foreword

GB/T 10095 *Cylindrical gears - System of accuracy* consists of two parts are as follows:

- Part 1: Definitions and allowable values of deviations relevant to corresponding flanks of gear teeth;
- Part 2: Definitions and allowable values of deviations relevant to radial composite deviations and runout information

This is part 2 of GB/T 10095.

This part is identical to ISO 1328-2: 1997 *Cylindrical gears -- ISO system of accuracy -- Part 2: Definitions and allowable values of deviations relevant to radial composite deviations and runout information* (English version)

This part is identically translated from ISO 1328-2:1997; for easy use, the following editorial modification is made for this part:

- Certain arrangement format is modified according to habit of Chinese language;
- “.” Which is used as decimal point is replaced with decimal point “,”;
- If other international standard referred in ISO1328-2:1997 has been identically adopted as Chinese standard, replace the corresponding international standard with Chinese standard; otherwise, use Chinese standard directly.

This part is revision of GB/T 10095.2-2001 *Cylindrical gears--System of accuracy--Part 2: Definitions and allowable values of deviations relevant to radial composite deviations and runout information*, Comparison with GB/T 10095.2-2001, main changes of this part are as follows:

- In order to consistence with ISO 1328.2, standard name changed as *Cylindrical gears ISO system of accuracy — Part 2: Definitions and allowable values of deviations relevant to radial composite deviations and runout information*;
- Changed part terms, e.g. changed “total tolerance” as “total deviation” (changed total

radial composite tolerance as total radial composite deviation, etc);

— Changed the description on some subclause.

Annex A and B of this Standard are informative annex.

This Standard is proposed by China Machinery Industry Federation.

This Standard is under the jurisdiction of National Gear Standardization Technical Committee.

The responsible drafting organizations are Zhengzhou Research Institute of Mechanical Engineering and Mechanical Science Research Institute.

The chief drafting staff of this standard includes Zhang Yuanguo, Ming Cuixin, Zhang Minan, Li Shizhong, Wang Changlu, Wang Qi, Yang Xingyuan, Chen Aimin, Lin Taijun and Xu Hongji.

This standard replaces the following historical editions issued:

— GB/T 10095.2-2001.



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