

ICS 25.100.30

CCS J41



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

GB/T 14895-2010

Replacing GB/T 14895-1994

Terms in metal cutting tools - Gear cutters

金属切削刀具术语 切齿刀具

Issued on: November 10, 2010

Implemented on: March 1, 2011

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

Table of Contents

- 1 Scope
- 2 Normative references
- 4 Terms and definitions related to the structural parameters
- 4.2 Addendum top The top of the teeth (see Figure 1). figure 1

Foreword

This standard replaces GB/T 14895-1994 "Metal cutting tool Cutting tool term." Compared with the standard GB/T 14895-1994 The main changes are as follows:

- Modify the normative references;
- Deleted entries numbering rules, increasing the entry number;
- Modify the entry number, terms, English equivalents and notes, changing the write method to increase the term and structural parameters related And definition, increased the terms and definitions related with the type;
- Increasing the term. precision gear hob, small hob pressure angle, gear tooth tip chamfering hob, worm knife, dual lead worm gear hob, Single head worm gear hob, worm hob arc tooth, harmonic gear cutters, cylindrical gear cutter, high-speed steel Cutting tools, superhard cutting tool Cutting tool material, cermet Cutting tools, Cutting tool coating;
- Modify the terms of the first word Chinese pinyin and English terminology index;
- Graphical sequence, and so do some editorial changes. The standard proposed by China Machinery Industry Federation. This standard tool by the National Standardization Technical Committee (SAC/TC91) centralized. Drafting of this standard. Chengdu Tool Institute. The main drafters of this standard. Yu Zeng ring builder macro mo, Chen Shichang. This standard replaces the standards previously issued as follows:
- GB/T 14895-1994. Metal cutting tool Cutting tool term

1 Scope

GB/T 14895-2010 is the Chinese national standard on terms in metal cutting tools - gear cutters, in the field of manufacturing 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 10 November 2010 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 March 2011. Classification: ICS 25.100.30, CCS J41. 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 Cutting Tool terms, definitions and lists of terms corresponding to English words and index. By cutting related terms According to GB/T 12204. This standard applies to metal cutting professional formal published standards and publications.

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 12204 metal cutting basic terms Entry number

3 Entry number of the standard terminology that all divided by the system, reg number directly as item number, does not make special provisions.

4 Terms and definitions related to the structural parameters

4.1 Cutting tool gearcutter Tool for machining of gears, sprockets, splines tooth profile shape (except broaching tool outside) collectively. Including hob (4.34), shaper cutters (4.50), shaving cutters (4.58), gear cutters (4.71), comb knife (4.72), bevel gear cutters (4.73) and the like.

4.2 Addendum top The top of the teeth (see Figure 1). figure 1

4.3 Root root The bottom of the gullet (see Figure 1).