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

GB/T 32556.1-2016

**Cutter arbors with tenon drive -- Part 1: Dimension of Morse
taper**

(English Translation)

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Foreword

GB/T 32556 "with the end of the cutter bar key drive" is divided into three parts.

- Part 1. Dimensions cutter bar with Morse taper shank;
- Part 2. with 7.24 taper shank cutter bar size;
- Part 3. belt cutter bar size flange contact surface of the hollow handle.

This section GB/T Part of 132,556.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses redrafted Law Amendment uses ISO 3937-1:2008 "with the end of the key drive cutter bar - Part 1. Dimensions cutter bar with Morse taper shank" (in English).

There are technical differences compared to 2008 and the following editorial modification of the terms of these differences has been involved in a single vertical line through its outer margin position (-) were labeled. This part of ISO 3937-1.

- "This International Standard" be replaced by "this section";
- "." --- With a decimal point instead of a comma as the decimal point, ",";
- Remove the preface of international standards, it added a new preface;
- Deleted international standard disclaimer PDF's;
- Normative references to international standards in the alternative by the national standards;
- Mechanical drawing standards prescribed by our country;
- This section 3.1, "mk" level to "k" level;
- Increase the marked sample;

--- Increased signs and packaging.

This part is proposed by China Machinery Industry Federation.

This part of the tool by the National Standardization Technical Committee (SAC/TC91) centralized.

This section is responsible for drafting unit. Chengdu Tool Research Institute Limited.

1 Scope

GB/T 32556 provisions of this part of the basic requirements with key drive end Morse taper shank cutter bar type and size, material and hardness, markup example, signs and packaging.

This section applies to the cutter bar with Morse taper shank.

2 Normative references

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

GB/T 1184 shape and position tolerances without individual tolerance value (GB/T 1184-1996, ISO 2768-2. 1989, EQV) GB/T 1443 from machine tools and tool handles with clip cone (GB/T 1443-1996, ISO 296:1991, EQV) GB/T 1804 General tolerances for linear and angular dimensions without individual tolerance (GB/T 1804-2000, ISO 2768-1. 1989, EQV) GB/T 4133 Morse tapers transmission type and size (GB/T 4133-1984, ISO 5413. 1976, EQV) GB/T 20329 end key drive arbor for milling cutters and tool holders swap Size (GB/T 20329-2006, ISO 2780. 1986, IDT)

3.1 General provisions

All dimensions and tolerances are in millimeters, not according to individual tolerance GB/T 1804 "m" of class and GB/T "k" of the 1184 level.

The cutter knife Arbor swap dimensions conform to GB/T 20329. Locking threaded hole cutter size according to GB/T 20329. Morse cone size respectively GB/T 1443 and GB/T 4133.

3.2 Cutter bar with Morse taper shank

Type size cutter bar with Morse taper shank shown in Figure 1, is given in Table 1.