

ICS 25.100.20

CCS J41



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

GB/T 14328-2008

Replacing GB/T 14328.1-1993

Roughing end mill

粗加工立铣刀

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Foreword

This standard is GB/T 14328.1-1993 "Straight Shank roughing end mill types and dimensions", GB/T 14328.2-1993 "flattened Roughing end mill shank types and dimensions", GB/T 14328.3-1993 "Morse taper shank roughing end mill types and dimensions" GB/T 14328.4-1993 "roughing end mills technical conditions" consolidated amendments. This standard replaces GB/T 14328.1-1993, GB/T 14328.2-1993, GB/T 14328.3-1993, GB/T 14328.4-1993. This standard and GB/T 14328.1-1993 compared to the main changes are as follows:

--- Modify the normative references;

--- Note to delete the original table, re-specified in 3.1.1;

--- Mark example made some changes. 1) to straight shank end mill roughing roughing end mills; 2) GB/T 14328.1 to GB/T 14328-2008; 3) shank long series of roughing end mills increase labeled "long." This standard and GB/T 14328.2-1993 compared to the main changes are as follows:

--- Modify the normative references;

--- Note to delete the original table, re-specified in 3.2.1;

--- Mark example made some changes. 1) roughing end mill to Weldon shank roughing end mills; 2) GB/T 14328.2 to GB/T 14328-2008; 3) long series flatted parallel shank roughing end mills increase labeled "long." This standard and GB/T 14328.3-1993 compared to the main changes are as follows:

--- Modify the normative references;

--- Note to delete the original table, again in 3.3.1;

--- Mark example made some changes. 1) roughing end mill to Morse taper shank roughing end mills; 2) GB/T 14328.3 to GB/T 14328-2008; 3) long series of Morse taper shank roughing end mills increase labeled "long." This standard and GB/T 14328.4-1993 compared to the main changes are as follows:

--- Remove the performance test;

--- Signs and packaging made editorial changes. The standard proposed by China Machinery Industry Federation. This standard tool by the National Standardization Technical Committee (SAC/TC91) centralized. This standard was drafted. Chengdu Tool Institute. The main drafters of this standard. Zeng Yu ring. This standard replaces the standards previously issued as follows:

--- GB/T 14328.1-1993;

--- GB/T 14328.2-1993;

1 Scope

GB/T 14328-2008 is the Chinese national standard on roughing end mill, 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 3 June 2008 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 January 2009. Classification: ICS 25.100.20, 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 straight shank roughing end mills, Weldon shank roughing end mills, Morse taper shank roughing end mill of the type and scale Inch, tag example, technical requirements, marking and packaging. This standard applies to 6mm ~ 50mm diameter straight shank roughing end mills, diameter of 8mm ~ 63mm Weldon shank roughing End mills and diameter 10mm ~ 80mm Morse taper shank roughing cutter.

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 1443 from machine tools and tool handles with clip cone (GB/T 1443-1996, eqv ISO 296.1991)

GB/T 6131.1 cutter straight shank - Part 1. General straight shank type and size (GB/T 6131.1-2006, ISO 3338-1. 1996, IDT)

GB/T 6131.2 cutter straight shank - Part 2. flatted straight shank type and size (GB/T 6131.2-2006, ISO 3338-2. 2000, MOD)

3.1 Straight Shank roughing end mills

3.1.1 roughing end mills with parallel shank types and dimensions are specified in Figure 1 and Table 1. Allow cutter made with the neck, shank foot Inch and deviations according to GB/T 6131.1 requirements. A type Type B

Note. A type of waveform edge, B-trapezoidal blade. Figure 1