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

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Metal cutting tools -- Terms in Taps

金属切削刀具 丝锥术语

(English Translation)

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Foreword

This revised standard adopts ISO 5967. 1981 "Taps main types of names and terminology" (in English).

This standard and ISO 5968. 1981 with the following differences.

- Delete ISO introduction, increasing the foreword;
- "This International Standard" by "this standard";
- Normative references to international standards in the use of alternative national standards;
- To ISO 5968. 1981 Chapter 1 made the necessary changes, such as the standard applicable to metal objects cutting taps deleted on Description Language;
- According to the domestic situation, the ISO 5968. 1981 first 3-7 chapters of editorial and technical changes.

ISO 5968. 1981 Dui Taps term are classified as. Chapter 3, "tap the name of the main types of" Chapter 4, "Taps threaded portion Style points, "Chapter 5," Taps Group ", Chapter 6," Dimensional characteristics Taps "and Chapter 7," Taps thread profile ";

This standard taps term are classified as.

Chapter 3, "terms and definitions related to the structural parameters", including ISO 5968. 1981 chapters six and seven deleted before Angle, rake angle chord, not shovel back and other terms;

Chapter 4, "classification by purpose and use terms and definitions", including ISO 5968. 1981 and part of Chapter 3 Chapter 5 content, increased Taps, machine taps, hand tap, single tap, Common thread tap, tap taper thread, cylindrical tube Thread tap, tapered pipe thread tap, die Taps, Dies fine hinge taps, broaching Taps, Taps trapezoidal thread, trapezoidal thread broaching Taps, Taps precision trapezoidal thread broaching, unified thread tap, tap Whitworth, unified threaded nut taps, Whitworth Nut taps and other terms and definitions;

Chapter 5, "as part of the terms and definitions clamping type and structure of the classification," contains ISO 5968. 1981 Chapter 3 Part Content, increasing the terms and definitions Brachypodium nut tap;

Chapter 6, "according to the type and structure of the classification part of the terms and definitions", including ISO 5968. 1981 Chapter 4 Content, Increasing the shovel back Taps, do not shovel back Taps, Taps spiral groove, content crumbs tap, composite Taps, Taps overall, welding handle taps, inserts Taps, Taps adjustable, automatic opening and closing terms and definitions of the tap;

--- Increase the index.

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.

1 Scope

This standard specifies the terms and definitions used metal cutting taps, as well as a list of words and terms in English corresponding to the index.

This standard applies to metal cutting taps.

This standard is intended as a user and manufacturer of taps common reference, gives only a schematic diagram of the structure can tap be changed as needed.

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 967 Nut Taps

GB/T 3464.1 Machine and hand taps - Part 1. General shank machine and hand taps (GB/T 3464.1-2007, ISO 529:1993, MOD) GB/T 3506 spiral groove Taps GB/T 14791 threads term

3 Terms and definitions related to the structural parameters

Cone from the front end face of the shank to the distance between the end face (see Figure 1).

Note: The figure with the number of this standard chapter entry number.

Figure 1

Measured in parallel to the axial direction Cone (3.22) length (see Figure 1).