

ICS 25.100.20
CCS J 41



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

GB/T 6124.1-1996

Replacing GB/T 6124.1-1996; GB/T 6124.2-1996

**T-slot cutters -- Types and sizes
(English Translation)**

Issued on: July 26, 2007

Implemented on: December 1, 2007

Issued by: Standardization Administration of China

Table of Contents

Foreword

1 Scope

2 Normative references

3 Type and size

3.1 Ordinary straight shank, straight shank and threaded shank Weldon T-slot milling cutter

Foreword

This revised standard adopts ISO 3337:2000 "straight shank and Morse taper shank T - slot cutters" (in English).

This standard is based on ISO 3337:2000 re-drafted.

This standard and ISO 3337:2000 have compared these differences.

--- Deleted international standards foreword, preface increased;

--- "This International Standard" by "this standard";

--- Normative references to international standards in the use of alternative national standards;

--- Standard name "straight shank and Morse taper shank T - slot cutters" to "T-slot cutter type and size";

--- With a decimal point instead of a comma as the decimal point, "";

--- Increase the marked examples.

This standard replaces GB/T 6124.1-1996 "T-slot cutters - Part 1. T-slot milling cutter straight shank types and dimensions" and GB/T 6124.2-1996 "T-slot cutters - Part 2. Morse taper shank T - slot cutters types and dimensions." this standard and GB /major changes and GB/T 6124.2-1996 compared to T 6124.1-1996 are as follows.

--- Two parts into one standard;

--- Modify the normative references;

--- Delete symbolic description;

--- Dimension sign change;

--- Increasing the threaded shank T - slot cutters.

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 general or flatted straight shank T - slot cutters, T-slot milling cutter threaded shank and threaded holes with Morse taper shank T - slot cutters the type and size.

This standard applies to the processing GB/T -slot width specified for the T 158 T-slot milling cutter of 5mm ~ 54mm.

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 158 machine table T-slots and corresponding bolts (GB/T 158-1996, eqv ISO 299. 1987) 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, IDT)

GB/T 6131.4 cutter straight shank - Part 4. threaded shank type and size (GB/T 6131.4-2006, ISO 3338-3.

1996, IDT)

3.1 Ordinary straight shank, straight shank and threaded shank Weldon T-slot milling cutter

Types and dimensions shown in Figure 1 and Table 1.

Ordinary straight shank, Weldon shank straight shank and threaded shank - Dimensions and tolerances are according to GB/T 6131.1, GB/T 6131.2 and GB/T 6131.4 of the

provisions.