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

GB/Z 41395-2022

Safety requirements for woodworking tools - Clamping devices

木工刀具安全 夹紧装置

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules of Standardization Documents" drafted. Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents. This document is proposed by China Machinery Industry Federation. This document is under the jurisdiction of the National Standardization Technical Committee of Woodworking Machine Tools and Cutting Tools (SAC/TC84). This document is drafted by: Fuzhou Woodworking Machine Tool Research Institute, Fujian Agriculture and Forestry University, Shunde Vocational and Technical College, Nanxing Equipment Co., Ltd. Division, Jinfengli Cutting Tools (Shenzhen) Co., Ltd., Guangdong Institute of Product Quality Supervision and Inspection. The main drafters of this document. Xue Tianmao, Zeng Qinzhi, Wang Rongfa, Qin Zhenwei, Li Dejun, Cheng Mianlong. Safe clamping device for woodworking knives

1 Scope

GB/Z 41395-2022 is the Chinese national standard on safety requirements for woodworking tools - clamping devices, in the field of wood technology. The /Z suffix marks it as a guiding technical document: it does not prescribe requirements that can be certified against, but sets out the technique, the method or the state of the art that the standards bodies recommend following. It was issued on 12 October 2022 by the State Administration for Market Regulation; Standardization Administration of China. As a guiding technical document it carries no separate date of entry into force: it applies from publication.

Classification: ICS 79.120.10, CCS J65. 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.

1.10 taper shank for tool handle, taper shank seat, nut GB /Z 41595-2022 Requirements for the shank of woodworking tools safety shank milling cutters

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GB/T 9239.1-2006 Mechanical vibration constant state (rigid) rotor balance quality requirements - Part

GB/T 18955-2003 Woodworking tool safety milling cutter, circular saw blade

GB/T 25378-2010 Spring collet with 8° mounting cone for tool handle Spring collet, nut and matching dimensions

GB/T 31559-2015 Spring collet with

3 Terms and Definitions

The terms and definitions defined in GB/T 18955-2003 and the following apply to this document.

3.1 shank The holding part of the tool.

3.2 Shank mounted tool Shank milling cutter. Also includes milling cutters with holes mounted or clamped on couplings, mandrels.

3.3 hole milling cutter bore mounted tool Milling cutter with mounting holes.

Note. The hole is part of the tool and is used for positioning and locking of shafts, mandrels, etc.

3.4 clamping device clamping device A device that fixes a tool on the drive shaft of a woodworking machine tool, and is used to transmit the torque of the drive shaft to position the tool.