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

GB/T 4625-2022

Replacing GB/T 4625-1998

Assembly tools for screws and nuts - Nomenclature

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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 for Standardization Documents" drafting.

This document replaces GB/T 4625-1998 "Assembly Tools Terminology for Screws and Nuts". Compared with GB/T 4625-1998, except for

In addition to structural adjustments and editorial changes, the main technical changes are as follows.

- Changed the scope (see Chapter 1, Chapter 1 of the.1998 edition);
- Added normative references (see Chapter 2);
- Increased classification and classification rules (see Chapter 4);

- Increased implementation standards and reference standards (see Chapter 5);
- Deleted the naming of French and Russian (see Chapter 2 and Chapter 3 of the 1998 edition);
- Changed the name of the wrench (see 5.1, 2.1 of the 1998 edition);
- Increase the nomenclature of the sleeve (see 5.2);
- Added the naming of the screwdriver head (see 5.3);
- Changed the name of the screwdriver (see 5.4, 2.2 of the 1998 edition);
- Changed the name of the connector (see 5.5, 2.3 of the 1998 edition);
- Changed the naming of transmission parts (see 5.6, 2.4 of the 1998 edition);
- Added the naming of torque tools (see 5.7).

This document is modified to adopt ISO 1703:2018 "Nomenclature of assembly tools for screws and nuts".

Compared with ISO 1703:2018, this document has more structural adjustments. For a list of structure number changes between the two documents, see

Appendix A.

Compared with ISO 1703:2018, this document has many technical differences, and the vertical single

Lines (I) are marked. See Appendix B for a list of these technical differences and their causes.

The following editorial changes have been made to this document.

- Deleted the French version of the informative Appendix A of ISO 1703:2018;
- Deleted the other language versions of the informative Appendix B of ISO 1703:2018.

Please note that some contents of this document may refer to patents. The issuing agency of this document assumes no responsibility for identifying patents.

1 Scope

This document specifies the classification and classification rules, nomenclature, implementation standards and scope of use of assembly tools for screws and nuts.

This document applies to assembly tools for screws and nuts.

2 Normative references

The contents of the following documents constitute the essential provisions of this

document through normative references in the text. Among them, dated references

For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

this document.

GB/T 3390.1 Manual socket wrench socket (GB/T 3390.1-2013, ISO 2725-1.2007, MOD)

GB/T 3390.3 Manual socket wrench transmission accessories (GB/T 3390.3-2013, ISO 3315.2011, MOD)

GB/T 3390.4 Manual socket wrench connection accessories (GB/T 3390.4-2013, ISO 3316.2012, MOD)

GB/T 4388 Types of solid wrenches, ring wrenches, and dual-purpose wrenches (GB/T 4388-2008, ISO 7738.2001, ISO 10102.

2001, ISO 10103.2001, ISO 10104.2001, NEQ)

GB/T 4392 Percussion block wrench and percussion ring wrench

GB/T 4440 Adjustable wrench (GB/T 4440-2022, ISO 6787.2018, MOD)

GB/T 5356 Hexagon wrench (GB/T 5356-2021, ISO 2936.2014, MOD)

GB/T 5357 Hexagon wrench

GB/T 5358 hexagon socket screw driver

GB/T 14765 cross handle socket wrench (GB/T 14765-2008, ISO 6788.1997, MOD)

GB/T 39378 spark plug and glow plug sleeve (GB/T 39378-2020, ISO 11168.1995, NEQ)

QB/T 2564.2 Screwdriver Slotted Screwdriver Spindle (QB/T 2564.2-2012, ISO 2380-1.2004, MOD)

QB/T 2564.3 Screwdriver Cross Recessed Screwdriver Stem (QB/T 2564.3-2012, ISO 8764-1.2004, MOD)

QB/T 2564.4 Screwdriver Slotted Screwdriver (QB/T 2564.4-2012, ISO 2380-2.2004, MOD)

QB/T 2564.5 Screwdriver Cross Recessed Screwdriver (QB/T 2564.5-2012, ISO 8764-2.2004, MOD)

QB/T 2564.6 Screwdriver Helical Ratchet Screwdriver (QB/T 2564.6-2002, ISO 2352.2000, MOD)

QB/T 2564.7 screwdriver hexagon socket screwdriver

QB/T 2564.8 Screwdriver Hexagon socket screwdriver

QB/T 2564.9 Screwdriver Sets for Dodecagon Screwdrivers

QB/T 2564.10 Screwdriver Z-shaped cross recessed screwdriver

QB/T 2564.11 Screwdriver Z-shaped slotted screwdriver

QB/T 3002 Torx wrench

QB/T 4206 Screwdriver head drive end and connectors (QB/T 4206-2011, ISO 1173.2001, MOD)

QB/T 4207 Slotted screwdriver head (QB/T 4207-2011, ISO 2351-1.2007, MOD)

QB/T 4208 Phillips screwdriver head (QB/T 4208-2011, ISO 2351-2.2002, MOD)

QB/T 4209 Hexagon socket screw bit (QB/T 4209-2011, ISO 2351-3.2002, MOD)

QB/T 4619 ratchet wrench