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

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**Machine-operated socket wrenches - Driving parts
(English Translation)**

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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 is modified to adopt ISO 3317:2015 "Socket wrenches for machine tools for assembling screws and nuts - Hexagonal square shank or cylindrical flat shank" End transmission rod".

Compared with ISO 3317:2015, this document has many structural adjustments.

See Appendix A.

This document has many technical differences compared to ISO 3317:2015.

A table of these technical differences and their causes is given in Appendix B.

The following editorial changes have been made to this document.

--- Change the name of the standard to "Machine Socket Wrench Transmission Accessories".

1 Scope

This document specifies the product classification, requirements, test methods, inspection rules, marking, packaging, transportation and Storage.

This document applies to transmission accessories for machine socket wrenches used to install and remove bolts, nuts or other fasteners (hereinafter referred to as "transmission accessories").

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

Only the version corresponding to the date applies to this document; for undated references, the latest version (including all amendments) applies to this document.

document.

GB/T 230.1 Metallic materials Rockwell hardness test Part 1: Test methods (A, B, C, D, E, F, G, H, K, N, T standards) Ruler) (GB/T 230.1-2009, ISO 6508-1:2005, MOD) GB/T 1957 Technical requirements for smooth limit gauges GB/T 2828.1 Sampling procedures for inspection by attributes Part 1: Sampling plans for batch inspection based on acceptance quality limit (AQL) (GB/T 2828.1-2012, ISO 2859-1:1999, IDT) GB/T 2829 Periodic Inspection Attribute Sampling Procedures and Tables (Applicable to Inspection of Process Stability) GB/T 5305 Packaging, marking, transportation and storage of hand tools GB/T 6060.2 Surface roughness comparison specimens for grinding, turning, boring, milling, inserting and planing surfaces (GB/T 6060.2-2006, ISO 2632-1:1985, MOD) GB/T 6461 Rating of specimens and test pieces of metal and other inorganic coatings on metal substrates after corrosion testing (GB/T 6461-2002, ISO 10289:1999, IDT) GB/T 10125 Artificial atmosphere corrosion test Salt spray test (GB/T 10125-2021, ISO 9227:2017, MOD) QB/T 4206 Screwdriver bits - Drive ends and fittings (QB/T 4206-2011, ISO 1173:2001, MOD) ISO 1174-2 Assembly tools for screws and nuts - Driving squares - Part 2: Driving squares for machine socket tools

3 Terms and Definitions

There are no terms or definitions that require definition in this document.

4.1 Type

4.1.1

Transmission accessories are divided into Type A, Type C, Type E and Type G according to the combination of both ends, as shown in Figure 1.

Note: The illustrations are for example only and do not affect the design of the product.