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

GB/T 3390.1-2013

Replacing GB/T 3390.1-2004

Hand operated socket wrenches -- Socket

手动套筒扳手 套筒

(English Translation)

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Foreword

GB/T 3390 "Manual socket wrench," the national standard for the series, is composed of five standard components.

- GB/T 3390.1 Manual socket wrench socket;
- GB/T 3390.2 manual transmission mortise and tenon and socket wrenches square hole;
- GB/T 3390.3 manual transmission accessory socket wrenches;
- GB/T 3390.4 manual socket wrenches connection accessories;
- GB/T 3390.5 manual socket wrenches inspection rules, packaging and marking.

This standard GB/T 3390 Item 1.

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 3390.1-2004 "Manual socket wrench socket," compared with the GB/T 3390.1-2004, the main technical Requested changes are as follows.

- Increased 6.3mm, 10mm, 12.5mm, 20mm, 25mm series sleeve specifications and the relative size version (2004 3.4, this version 3.3);
- Modified 6.3mm, 10mm, 12.5mm, 20mm, 25mm series sleeve basic size (2004 version 3.4, this Version 3.3);
- Modify the labeling of products (2004 version 3.6, this version 3.5);
- Modify the surface preparation (2004 version 4.5, this version 4.1);
- Increases the surface quality requirements (2004 version 4.1, this version 4.2);
- Remove the test torque levels and c-level test torque (3.4,4.4 edition 2004, edition 4.5).

This standard uses redrafted Law Amendment uses ISO 2725-1. Part 1 Assembly tools for screws and nuts - Square drive socket 2007 " Score. Manual sleeve. " this standard and ISO 2725-1:2007, compared with more adjustment in the structure, listed in Appendix A of this standard and ISO 2725-1.

2007 compared to the control list number reg.

This standard and ISO 2725-1:2007 as compared to the existence of technical differences between the terms of these differences has been involved through its outer margins Vertical single-line position (I) were labeled, given a list of corresponding technical differences and their reasons in Appendix B.

This standard also made the following editorial changes.

--- The standard name was changed to "Manual socket wrench sleeve." the standard proposed by China National Light Industry Council.

This standard by the National Standardization Technical Committee, hardware tools Hardware Technical Committee (SAC/TC174/SC2) centralized.

1 Scope

This standard specifies the manual socket wrench sleeve product classifications, technical requirements, test methods, inspection rules, packaging, labeling, transportation and Storage.

This standard applies to detachable hexagonal bolts and nuts manual socket wrench sleeve.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this 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 standard Feet) (GB/T 230.1-2009, ISO 6508-1:2005, MOD) GB/T 1957 smooth limit gauge the technical conditions GB/T 3390.2 manual transmission mortise and tenon and socket wrenches square hole (GB/T 3390.2-2013, ISO 1174-1:2011, MOD) GB/T 3390.5 manual socket wrenches inspection rules, packaging and marking GB/T 4390 spanner wrench openings and holes - tolerances (GB/T 4390-2008, ISO 691:2005, MOD) GB/T 4955 Metallic coatings - Measurement of coating thickness anodic dissolution coulometry (GB/T 4955-2005, ISO 2177).

2003, IDT)

GB/T 6060.2 Roughness comparison specimens - Ground, turned, bored, milled, shaped and planed (GB/T 6060.2-2006, ISO 2632-1. 1985, MOD) GB/T 6462 and the metal oxide coating layer thickness measurement microscope method (GB/T 6462-2005, ISO 1463:2003, IDT)

3 Product Categories

Type 3.1

Sleeve type as shown in Figs. 1 to 3, depending on the length of the sleeve is divided into common type (A type) and lengthened (B type). In accordance with its work the geometry of the part is divided into hexagonal holes and twelve angle holes.

Description. $115^{\circ} \leq \alpha \leq 150^{\circ}$

Figure 1 sleeve outer diameter d_1