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

GB/T 22677-2008

Electric impact wrenches

电动冲击扳手

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Foreword

The standard proposed by China Electrical Equipment Industrial Association. This standard by the National Standardization Technical Committee on Power Tools. This standard is drafted by: Shandong ZTE Power Tools Co., Ltd., Shanghai Electric Tool Research Institute. The main drafters of this standard. Liuzhao Rong, Libang Association, Liu Jiang, Zhang Hongping, Zhao received, the party trillion Springs. Electric impact wrench

1 Scope

GB/T 22677-2008 is the Chinese national standard on electric impact wrenches, in the field of manufacturing engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 December 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 October 2009. Classification: ICS 25.140.20, CCS K64. 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.

This standard specifies the basic parameters of the electric impact wrench, type, technical requirements, test methods and inspection rules. This standard applies to general environmental conditions, the impact of the use of the clutch mechanism, the use of impact moment to complete assembly and disassembly of threaded member with electric shocks Wrench (hereinafter referred to as electric wrench). This standard does not apply to constant torque (current-controlled) and constant torque constant angle (current angle control type) electric wrench, electric wrench long modular Other dedicated electric wrench hand and mounting special type of threaded part (such as electric ratchet wrench, shear electric wrench, etc.).

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 97.1-2002 flat washers Class A (ISO 7089.2000, EQV)

GB/T 193-2003 common thread diameter and pitch range (ISO 261.1998, MOD)

GB/T 197-2003 common thread tolerance (ISO 965-1.1998, MOD)

GB 755-2008 rotating motor fixed and performance (IEC 60034-1.2004, IDT)

GB 1002 Household and similar single-phase plugs and socket type, basic parameters and dimensions

GB 1003 Household and similar three-phase plug and socket type, basic parameters and dimensions

GB/T 1031 surface roughness parameters and their values \u200b\u200b(GB/T 1031-1995, ISO 468. 1982, NEQ)

GB/T 1184 shape and position tolerances without individual tolerance value (GB/T 1184-1996, ISO 2768-2. 1989, EQV)

GB/T 1801 limits and tolerances and mating with the choice (GB/T 1801-1999, ISO 1829. 1975, EQV)

GB 2099.1 plugs and sockets for household and similar purposes - Part 1. General Requirements (GB 2099.1-2008,

IEC 60884-1. 2006, E3.1, MOD)

GB/T 2900.28-2007 Electrotechnical terminology - Power Tools

GB/T 3098.1-2000 Mechanical properties of fasteners Bolts, screws and studs (ISO 898-1.1999, IDT)