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Replacing GB/T 5357-1998

Keys for hexalobular socket screws

内六角花形扳手

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Table of Contents

Foreword.....	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Product classification and marking	5
5 Technical requirements	6
6 Test steps	10
7 Inspection rules	13
8 Marking, packaging, transportation, and storage.....	13
Appendix A (normative) Special gauge for inspection of flower shape dimensions of the key's working part	14
Appendix B (normative) Torque test block.....	16

Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020 *Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents*.

This document replaces GB/T 5357-1998 *Hexagon spline wrenches*. Compared with GB/T 5357-1998, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) Product classification is added (see 4.1);
- b) Product marking is changed (see 4.2; see 3.2.3 of the 1998 edition);
- c) Material requirements and test methods are added (see 5.1 and 6.1);
- d) Product dimensions are changed (see 5.2; see 3.2 of the 1998 edition);
- e) Surface quality is changed (see 5.3; see 4.4 and 4.5 of the 1998 edition);
- f) The hardness is changed (see 5.4; see 4.6 of the 1998 edition);
- g) The torque is changed (see 5.5; see 4.6 of the 1998 edition);
- h) The test method is changed (see Chapter 6; see Chapter 5 of the 1998 edition);
- i) Inspection rules are changed (see Chapter 7; see Chapter 6 of the 1998 edition);
- j) The marking, packaging, transportation, and storage are changed (see Chapter 8; see Chapter 7 of the 1998 edition);
- k) The special gauge for inspection of flower shape dimension is changed (see Appendix A; see Appendix A of the 1998 edition);
- l) The torque test block is changed (see Appendix B; see Appendix B of the 1998 edition);

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This document was proposed by China National Light Industry Council.

This document shall be under the jurisdiction of the National Technical Committee on Hardware Products of Standardization Administration of China (SAC/TC174).

Drafting organizations of this document: Jiande Yuanfeng Tool Co., Ltd., Zhejiang Rongsheng Industrial Co., Ltd., Cangzhou De'an Special Explosion-proof Tools

Keys for hexalobular socket screws

1 Scope

This document specifies the product classification and marking, technical requirements, test methods, inspection rules, markings, packaging, transportation, and storage of keys for hexalobular socket screws, and describes the corresponding test methods.

This document applies to hexalobular keys (hereinafter referred to as "keys") for tightening hexalobular socket screws and bolts.

2 Normative references

The following documents contain the provisions which, through normative reference in this document, constitute the essential provisions of this document. For the dated referenced documents, only the versions with the indicated dates are applicable to this document; for the undated referenced documents, only the latest version (including all the amendments) is applicable to this document.

GB/T 230.1 Metallic materials - Rockwell hardness test - Part 1: Test method

GB/T 1299 Tool and mould steels

GB/T 2828.1 Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

GB/T 3077 Alloy structure steels

GB/T 5305 Packaging, marking, transportation and storage of hand tools

GB/T 6060.2 Roughness comparison specimens - Ground, turned, bored, milled, shaped and planed

3 Terms and definitions

There are no terms or definitions that need to be defined in this document.

4 Product classification and marking

4.1 Product classification

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