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

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Fastener Check file type

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Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Check	2
5 Technical requirements for fastener inspection documents	4
6 Requirements for inspection documents for each type of fastener	8
7 Check the modification of the file	11
8 Check file delivery	11
Appendix A (informative appendix) Exam file example	12

Foreword

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

This standard uses the redrafting method to modify and adopt ISO 16228.2017 "Fastener Inspection Document Types".

The technical differences between this standard and ISO 16228.2017 and the reasons are as follows.

---In normative reference documents, replace international standards with Chinese standards that correspond to international standards, and add references

GB/T 3098.7 (Table 3), GB/T 3098.19 (Table 3), in order to comply with my country's basic fastener standards.

This standard was proposed by China Machinery Industry Federation.

This standard is under the jurisdiction of the National Fastener Standardization Technical Committee (SAC/TC85).

Drafting organizations of this standard. China Machinery Productivity Promotion Center, Shanghai Shengguang High Strength Bolt Co., Ltd., Zhoushan 7412 Factory, Ningbo Ningxia

High Strength Fastener Co., Ltd., Shandong High Strength Fastener Co., Ltd., Zhejiang Dongming Stainless Steel Products Co., Ltd., Ningbo Jiulong

Firmware Manufacturing Co., Ltd., General Parts Product Quality Supervision and Testing Center for Machinery Industry.

This standard is interpreted by the National Fastener Standardization Technical Committee.

Fastener inspection file type

1 Scope

This standard specifies the non-standard items issued by the fastener manufacturer or distributor and/or external authorized representative according to the specific requirements of the buyer when ordering.

Inspection documents for the same type of fasteners.

--- Declaration of conformity (F2.1);

---Test report (F2.2, F3.1, F3.2).

Note. "Certificate" is a general term, and the term used in fastener inspection documents is "test report".

This standard specifies the content of fastener inspection documents in combination with orders, relevant standards and/or specified requirements.

This standard applies to finished fasteners, such as bolts, screws, and screws made of carbon steel and alloy steel, stainless steel, non-ferrous metals or non-metallic materials.

Studs, nuts, washers, pins, rivets, etc.

This standard does not apply to special purposes or special engineering applications that require other types of procedures (such as initial samples).

Appendix A gives examples of inspection files. Appendix B gives examples of code recognition systems in fastener inspection files.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this document.

For undated references, the latest version (including all amendments) applies to this document.

GB/T 90.1 Fastener acceptance inspection (GB/T 90.1-2002, idtISO 3269.2000)

GB/T 3098.1 Mechanical properties of fasteners Bolts, screws and studs (GB/T 3098.1-2010, ISO 898-1.2009, MOD)

GB/T 3098.2 Mechanical properties of fastener nuts (GB/T 3098.2-2015, ISO 898-2.2012, MOD)

GB/T 3098.3 Mechanical properties of fasteners Set screws (GB/T 3098.3-2016, ISO 898-5.2012, MOD)

GB/T 3098.5 Mechanical properties of fasteners self-tapping screws (GB/T 3098.5-2016, ISO 2702.2011, MOD)

GB/T 3098.6 Mechanical properties of fasteners stainless steel bolts, screws and studs (GB/T 3098.6-2014, ISO 3506-1.2009, MOD)

GB/T 3098.7 Fasteners mechanical properties self-extruding screws (GB/T 3098.7-2000, idtISO 7085.1999)

GB/T 3098.9 Mechanical properties of fasteners, effective moment steel lock nuts (GB/T 3098.9-2020, ISO 2320.2015, MOD)

GB/T 3098.11 Mechanical properties of fasteners Self-drilling and tapping screws (GB/T 3098.11-2002, ISO 10666.1999, IDT)

GB/T 3098.15 Fastener mechanical properties stainless steel nuts (GB/T 3098.15-2014, ISO 3506-2.2009, MOD)

GB/T 3098.16 Fastener mechanical properties stainless steel set screws (GB/T 3098.16-2014, ISO 3506-3.2009, MOD)

GB/T 3098.19 Mechanical properties of fasteners blind rivets

GB/T 3098.21 Fastener mechanical properties stainless steel self-tapping screws (GB/T 3098.21-2014, ISO 3506-4.2009, MOD)

GB/T 5276 fastener bolts, screws, studs and nuts size codes and markings (GB/T 5276-2015, ISO 225.2010, MOD)

GB/T 18253 Types of inspection documents for steel and steel products (GB/T 18253-2018, ISO 10474.2013, IDT)

ISO 898-3.Mechanical properties of carbon steel and alloy steel fasteners. Part 3.Plain washers with specified performance levels