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

GB 21556.2-2025

Replacing GB 21556-2008

**Technical requirements for lock safety - Part 2:
Burglary-resistant locks**

锁具安全技术要求 第2部分：防盗锁

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Table of Contents

1.Scope	1
2 Normative References	1
3.Terms and Definitions, Abbreviations	1
3.1 Terms and Definitions	1
3.2 Abbreviations	3
4.1 Classification	3
4.2 Security Level	3
5.Security requirements for mechanical anti-theft locks	4
5.1 Structural Requirements	4
5.2 Dimensional Requirements	5
5.3 Strength Requirements	5
5.4 Flexibility Requirements	7
5.5 Durability	7
5.6 Corrosion resistance	7
5.7 Anti-vandalism function	8
5.8 Difference Quantity, Key Quantity, and Interoperability Rate.....	8
6.1 Basic Requirements	8
6.2 Lock security	13
6.3 Client Application Security	15
6.4 Anti-technical activation	16
7 Test methods for mechanical anti-theft locks.....	17
7.1 Structural Inspection	17
7.2 Dimensional Inspection	17
7.3 Strength Test.....	18
7.4 Flexibility Test.....	19
7.5 Durability Test.....	20
7.6 Corrosion resistance test	20
7.7 Anti-vandalism test	20
7.8 Experiments on Difference Quantity, Key Quantity, and Interoperability.....	21
8.Test methods for electronic anti-theft locks	22
8.1 Test Conditions	22
8.2 Basic Requirements Inspection	22

8.3 Lock safety test	26
8.4 Client Application Security Test	29
8.5 Anti-technical opening test	31
9. Inspection Rule	31
9.1 Inspection Classification	31
9.2 Inspection Items and Non-conformance Classification	32
9.3 Batching and Sampling Rules	35
45 References	46

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 2 of GB 21556 "Safety Technical Requirements for Locks". GB 21556 has the following parts published.

2. Anti-theft Locks This document partially replaces the technical specifications for mechanical and electronic anti-theft locks in GB 21556-2008 "General Technical Conditions for Lock Safety". Compared with GB 21556-2008, the main technical changes in requirements, test methods, and inspection rules, apart from structural adjustments and editorial modifications, are as follows: as follows:

---Added 10 terms. anti-theft lock, digital key, PIN key, biometric key, differential exchange number, key quantity, theoretical key quantity. Actual available key quantity, false acceptance rate, and false rejection rate (see 3.1.1, 3.1.4~3.1.6, 3.1.14~3.1.19);

---Nine terms have been changed. mechanical anti-theft lock, electronic anti-theft lock, drill-proof, saw-proof, pry-proof, pull-proof, impact-proof, technical opening-proof, irregular shape. Marbles (see 3.1.2, 3.1.3, 3.1.7~3.1.13, 3.23, 3.24, 3.6.2, 3.6.3, 3.6.4, 3.23.2, 3.23.3 in the.2008 edition) 3.6.5, 3.10.1);

---Added information on the classification, security levels, and components of anti-theft locks (see Chapter 4);

---The technical requirements and test methods for mechanical anti-theft locks have been significantly adjusted, supplemented, and refined (see Chapters 5 and 7,.2008 edition).

---The technical requirements and test methods for electronic anti-theft locks have been significantly adjusted, supplemented, and refined (see Chapters 6 and 8,.2008 edition).

---The inspection rules for anti-theft locks have been changed (see Chapter 9, Chapter 6 of

the.2008 edition);

---Added testing equipment, measuring instruments, and testing tools (see Appendix A);

---Added types of prosthetic attacks (see Appendix B);

---Added test equipment installation and testing diagrams (see Appendix C);

---A strong electromagnetic pulse testing device has been added (see Appendix D). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the Ministry of Public Security of the People's Republic of China. The release history of this document and the document it replaces is as follows:

1 Scope

GB 21556.2-2025 is the Chinese national standard on technical requirements for lock safety - part 2: burglary-resistant locks, in the field of environment and health protection, safety. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 29 August 2025 by the Ministry of Public Security, and has been in force since 1 March 2026. Classification: ICS 13.310, CCS A91. 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 document specifies the classification, security levels, and components of anti-theft locks, the security requirements for mechanical anti-theft locks, and the security requirements for electronic anti-theft locks. The experimental methods established the inspection rules. This document applies to the design, manufacture, and inspection of anti-theft locks.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2423.1 Environmental testing of electrical and electronic products - Part

3.1 Terms and Definitions The terms and definitions defined in

GB/T 36920-2018, as well as the following terms and definitions, apply to this document.

3.1.1 Burglar-resistant lock It controls the opening and closing of mechanical actuators through mechanical transmission or electronic identification and processing of relevant information, and has a certain degree of resistance to vandalism.

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