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

中华人民共和国国家标准

GB 17565-2007

Replace GB 17565-1998

General specification burglary resistant safety door

防盗门安全门通用技术条件

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Foreword

Article 5.3, 5.4.2, 5.6.1, 5.6.2, 5.10.1, 5.10.2 and 5.10.3 in the standard are compulsory clauses, and others are recommended clauses.

The standard is a revision to GB 17565-1998 *General Specification for Burglary-Resisting Doors*, compared to which, the standard has accommodated following changes:

- Original burglary-resisting door classes “C”, “B” and “A” are revised to classes “J”, “Y”, “B” and “D”;
- In burglary-resisting door classification, material thickness and allowable tolerance of steel burglary-resisting door bodies are newly added;
- Permanent fixed identifiers are specified;
- Test of main strike plate effective extension length and number of lock-up points between doorframe and door leaf are increased;
- Two inspection items “Dad weight suspension test” and “barrier strike test” related to hinge connection strength are added;
- Based on material quality and thickness, residual deformation in impact test is more specifically limited, and incorporated into regulations for burglary-resisting security classes;
- In destructive test, item “cut a 615 cm² opening” for door leaf destructive test is only specified for non-steel materials;
- Durations of destructive performance tests are adjusted to 30 min, 15 min, 10 min and 6min, total interval time, timer and timing method for operation are specifically specified;
- Terminology and definitions for foldable door, fence door, timing lock, two-way lock, special lock, anti-pry lock and portable electro-driven are deleted;
- Door hinge stability test is deleted;
- Inter-unlock rate test for mechanical anti-burglar locks is deleted;
- Test for electronic coded locks is added;
- Warning system test is deleted;
- Under-voltage warning test is deleted;
- Test for applicable voltage range is deleted;
- Dag weight suspension test and barrier strike test in strength of connection between door hinge and door leaf supersedes original pressure test.

Annex A to the standard is an informative appendix.

The standard is presented by Ministry of public Security, China.

The standard is centrally administrated by National Standardization Technology Committee for Security prevention and Warning Systems.

The standard is drafted by Panpan Anju Co., Ltd, Chongqing Meixin•Manson Door Co., Ltd, Secretariat of Physical Prevention Equipment Sun-Technical Committee under National Technology Committee for Security Prevention and Warning Systems, National Quality Supervision & Test Center for Security Prevention and Warning System Products (Beijing & Shanghai) and Wangli Group Co., Ltd.

The standard is mainly drafted by Han Zhaoshan, Mou Xiaosheng, Xia Mingxian, Dai Xuerong, Ma Mingyu, Wang Binjian and Sun Xiaodi.

Historic edition replaced by the standard is:

-GB 17565-1998.

Introduction

GB 17565-1998 *General Specification for Burglary-Resisting Doors* has been carried through for 8 years, instructed production of burglary-resisting doors and improved quality of burglary-resisting door products in China.

In order to adapt product changes and market management, to further approach or equalize international standards, to promote trade and exchange, it is necessary to revise GB 17565-1998 *General Specification for Burglary-Resisting Doors*. In the revised edition, new test items are added, and items and corresponding terms and definitions not applicable are deleted.

According to practical product changes, being practical and realistic, partial technical parameters are revised and altered. Coming down to earth, burglary-resisting security classes are newly divided.

To make inspection methods more scientific and logic, some test methods have referred to ISO 8275:1985(E), CEN/TS 13126-8: 2004 standard, which may be directly referenced and supersede some inspection items not applicable by demonstrations.

Contents

1 Scope.....	1
2 Normative Reference	1
3 Terms and Definitions	1
3.1 Burglary-Resisting Doors.....	1
3.2 Burglary-Resisting Classes	1
3.3 Common Mechanical Hand Tools.....	1
3.4 615 cm ² Opening.....	1
4 Classes, code and identifiers.....	1
4.1 Classes.....	1
4.2 Code	1
4.3 Identifiers	2
5 Technical Requirements	2
5.1 General Requirements.....	2
5.2 Appearance.....	3
5.3 Permanent Identifier.....	3
5.4 Plate Materials and Quality.....	3
5.5 Dimensional Tolerance and Fit Clearance.....	4
5.6 Burglary-Resisting Security Requirements	4
5.7 Dag Weight Suspension Performance	5
5.8 Barrier Impact Performance.....	5
5.9 Hinge Turning Performance.....	5
5.10 Requirements for Locks	5
5.11 Electrical Safety Requirements	6
6 Test Procedure	6
6.1 Test Conditions.....	6
6.2 Inspection of General requirements	6
6.3 Appearance Inspection	6
6.4 Inspection of Permanent Identifier.....	6
6.5 Inspection of Plate Materials and Quality	6
6.6 Dimensional Tolerance and Clearance	7
6.7 Burglary Resisting Security Requirements	7
6.8 Dag Weight Suspension Performance Test.....	9
6.9 Barrier Impact Performance Test	10
6.10 Hinge Turning Performance Test	11
6.11 Inspection of Locks	11
6.12 Inspection of Electrical Safety Performance	12
7 Rules for Inspections.....	12
7.1 Type Inspection	12
7.2 Ex-Works Inspection	12
7.3 Inspection Items	12
7.4 Rules for Inspection and Judgment.....	13

8 Identifiers	13
8.1 Identifiers	13
8.2 Packing	14
8.3 Transportation	14
8.4 Storage	14
Annex A	14
A.1 Related Material Standards	14
A.2 Related Shape and Position Tolerances and Deviation Standards	14
A.3 Related Fittings and Accessories Standards	14
A.4 Related Methodology Standards	15
A.5 Related Rules and Regulations	15

General Specification for Burglary-Resisting Doors

1 Scope

The standard specifies general technical requirements, test methods and inspection rules for burglary-resisting doors, shall be technical criteria for design, fabrication, inspection, acceptance and certification evaluation of burglary-resisting doors.

The standard applies to burglary-resisting doors for civil use and used for other important situation and locations.

2 Normative References

Clauses contained in the following documents are referred to by the standard and become clauses of the standard. Any reference documents with date indicated and their subsequent revision sheets (excluding error corrections) or revised editions do not apply to the standard. However, all parties who enter into agreements based on the standard are encouraged to study whether or not the latest editions of such documents can be used. The latest editions of any reference documents with no date indicated apply to the standard.

GB/T 708 Dimensions, Shape, Weight and Allowable Tolerance of Cold-Rolled Steel Sheets and Strips

GB/T 709 Dimensions, Shape, Weight and Allowable Tolerance of Hot-Rolled Steel Sheets and Strips

GA/T Mechanical Anti-Burglary Locks

GA 374 Electronic Anti-Burglary Locks

3 Terms and Definitions

Following terms and definitions established in GA/T 73 and GA 374 apply to the standard.

3.1 Burglary resistant safety door

Doors equipped with anti-burglary locks, able to resist abnormal opening under certain condition within certain time period, having certain security prevention function and conforming to corresponding burglary-resisting classes.

3.2 Burglary safety class

Which are divided based on anti-destruction time length, door plate thickness and other indexes of burglary-resisting doors.

3.3 Common Mechanical Hand Tools

Common mechanical hand tools refer to various chisels, files, wedges, screwdrivers, spanners, steel saws, and bag iron scissors not longer than 600 mm, 1.2 kg hand hammers, portable hand braces, various bars and pry devices not longer than 600 mm and not larger than 50 mm in diameter.

3.4 615 cm² Opening

Rectangular openings with min. side length 152 mm, or round openings with diameter 281 mm, or isosceles right triangle openings with hypotenuse 497 mm;

4 Classes, code and identifiers

4.1 Classes

Burglary-resisting classes are divided into 4 classes listed in Form 4, coded “J”, “Y”, “B” and “D”, arranged in descending order.

4.2 Code



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