

ICS 91.060.50
CCS Q 73

JG

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

JG/T 214-2017

Replacing JG/T 214-2007

**Building hardware for windows and doors--Shoot bolts
(English Translation)**

Issued on: December 22, 2017

Implemented on: August 1, 2018

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China**

Table of Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

Foreword

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

This standard replaces JG/T 214-2007 "Building Door and Window Hardware Inserts". Main technical content compared to JG/T 214-2007 the changes are as follows.

- Added bolt (see 3.1), latch lever (see 3.2), latch seat (see 3.3), latch body (see 3.4) and drive unit (see 3.5) Language and definition;
- Modified the definition of single-action latch (see 3.1.1) and linkage latch (see 3.1.2);
- Increased classification by performance (see 4.1.3);
- Increase the main parameter code of the effective overlap (see 4.1.4b);
- Increased the performance requirements of Class I plugs (see Table 1) and test methods (see 6.4);
- Increased the anti-destructive requirements of the drive components (see Table 1) and test methods (see 6.4.3);
- Revised the lateral anti-destruction requirements (see Table 1) and test methods (see 6.4.4) of the pin of the class II latch;
- Increased the axial anti-destructive requirements (see Table 1) and test methods (see 6.4.5.2) for the pin of the Class II pin.

This standard was proposed by the Institute of Standardization of the Ministry of Housing and Urban-Rural Development.

This standard is under the jurisdiction of the Standardization Technical Committee for Building Products and Components of the Ministry of Housing and Urban-Rural Development.

This standard was drafted. China Building Metal Structure Association, Noto Franck Construction Hardware (Beijing) Co., Ltd., Chunguang Hardware Co., Ltd.

Division, Gewu Trading (Shanghai) Co., Ltd., ASSA ABLOY Guoqiang (Shandong) Hardware Technology Co., Ltd., China Academy of Building Research, Sigiriya Aobi Window Door Hardware (Sanhe) Co., Ltd., Qingdao Lixing Yangshi Door and Window Fittings Co., Ltd., Guangdong Jianlang Hardware Products Co., Ltd.

Donghe Building Hardware Co., Ltd., National Building Materials Industry Building Hardware Plumbing Product Quality Supervision, Inspection and Testing Center, Yinke Gated (Zhuhai Free Trade Zone) Co., Ltd., Jiangxi Fenfa Technology Co., Ltd., Beijing Xifei Century Door and Window Curtain Wall Engineering Co., Ltd., Shandong Junqiang Hardware Co., Ltd., Dalian Shide Technology Development Co., Ltd., Guangdong Aolijian Construction Hardware Co., Ltd., Zhejiang Xing Samsung Hardware Co., Ltd.

Company, Beijing Milan Window Energy-saving Building Materials Co., Ltd., Shenyang Yuanda Aluminum Engineering Co., Ltd., Zhejiang Ruide Construction Hardware Co., Ltd.

Introduction

Building Door & Window Hardware contains 12 standards.

- GB/T 32223 General requirements for building doors and windows hardware
- JG/T 124 Construction door and window hardware transmission mechanism handle
- JG/T 125 Building Door & Window Hardware Hinges (Hinges)
- JG/T 126 Building Door and Window Hardware Drive Locker
- JG/T 127 Building door and window hardware sliding support
- JG/T 128 Building door and window hardware support
- JG/T 129 Building door and window hardware pulley
- JG/T 130 Building door and window hardware single point lock
- JG/T 213 Building door and window hardware spinning handle
- JG/T 214 Building Door and Window Hardware Latch
- JG/T 215 Building Door and Window Hardware Multi-Point Locker
- JG/T 393 Building door and window hardware double-sided handle Building door and window hardware latch

1 Scope

This standard specifies the classification and marking, requirements, test methods, inspection rules and signs, packaging, transportation and storage of bolts for building doors and windows.

This standard applies to the construction of double-sliding door and window bolts.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

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

GB/T 2828.1. Sampling and sampling procedures - Part 1 . Batch-to-batch sampling plan searched by the acceptance quality limit (AQL) GB/T 5823 building door and window terminology GB/T 14436 General Rules for Industrial Product Assurance Documents GB/T 32223 General requirements for building doors and windows hardware

3 Terms and definitions

The following terms and definitions as defined in GB/T 5823 apply to this document.

Latch shootbolt

A device with a double-sliding door and window sash locking function.

3.1.1

Single action latch singleactionshootbolt A latch that enables one-way locking.

3.1.2

Linkage bolt connectedshootbolt A latch that enables simultaneous bi-directional locking.

Lever rod shoot

Reciprocating motion in the latch, with a locking function.

Pin holder keep

Used in conjunction with the latch lever to achieve the door and window lock function.

Latch body boltbody

Mounted on the door and window fan, the housing that transmits the pin and the load of the drive component.

Drive unit drivingpart A component that drives the movement of the latch lever.