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JG

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

JG/T 139-2017

Replacing JG/T 139-2001

**Suspension clamp of suspended glass curtain wall
(English Translation)**

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Foreword

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

This standard replaces JG 139-2001 "Hung glass curtain wall support device", compared with JG 139-2001, the main technical changes are as follows.

- Modify the scope of application of the hanger (see 1, 2001 version 1);
- Modify the definition of the term "hanging glass curtain wall" "hanger" and add terminology of mechanical properties (see 3, 2001 version 3);
- Revised the name code and tag example of the movable hanger, and added the main specification parameter representation of the hanger (see 4, 2001 edition)
- Increased material implementation standards for hangers and materials used for backing plates (see 5, 2001 version 5);
- Increased the size of the aluminum ring requirements, hanger appearance requirements, the relevant provisions of the machined parts and castings, hanger selection design principles (See 6, 2001 version 5);

- Modify the requirements of the surface roughness, the contact area between the clamp plate and the glass, the tolerance grade of the thread, and the surface corrosion resistance Erosion performance requirements and mechanical performance requirements (see 6, 2001 version 5);
- Removed the hanger adjustment requirements (see version 5.4.2 of the 2001 edition);
- Increase appearance detection method, product size and allowable deviation detection method, surface corrosion resistance test method and perforation Hanger test method (see 7);
- Modify the test content of the clamp hanger (see 7.4.1, 2001 version 6);
- Modify the inspection rules of the hanger (see 8, 2001 version 7);
- Modified flag content (see 9.1, 2001 version 8.1).

1 Scope

This standard specifies the terms and definitions, classifications and markings, materials, requirements, test methods, and inspection rules for hanging hangers for hanging glass curtain walls.

Product assurance information, packaging, transportation and storage.

This standard applies to support hangers in gravity-suspended glass curtain walls.

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 version (including all amendments) applies to this document.

GB/T 193 ordinary thread diameter and pitch series GB/T 196 common thread basic size
GB/T 197-2003 Ordinary thread tolerance GB/T 699 high quality carbon structural steel
GB/T 700 carbon structural steel GB/T 1184-1996 Tolerance values for shape and position
tolerances GB/T 1220 stainless steel rod GB/T 1804-2000 Tolerances for tolerances of
linear and angular dimensions for general tolerances GB/T 2040 Copper and Copper Alloy
Sheets GB/T 2100 general purpose corrosion resistant steel castings GB/T 2828.1-2012
Count sampling inspection procedures Part 1. Lot-by-batch sampling plans retrieved by
AQL GB/T 3098.1 Mechanical properties of fasteners Bolts, screws and studs GB/T 3098.2
Mechanical properties of fasteners GB/T 3098.6 Mechanical properties of fasteners
Stainless steel bolts, screws and studs GB/T 3098.15 Mechanical properties of fasteners
Stainless steel nuts GB/T 4237 stainless steel hot rolled steel plate and strip GB/T 4437.1
Aluminium and aluminium alloy hot extruded tubes Part 1. Seamless tubes GB/T
6414-2017 casting size tolerance, geometric tolerance and machining allowance GB/T

9800-1988 Chromate conversion coatings for electroplated zinc and cadmium plating GB/T
9969 Instruction Manual for Industrial Products GB/T 10125 artificial atmosphere corrosion
test salt spray test GB/T 11352 Casting carbon steel for general engineering GB/T 14436
General Rules for Industrial Product Assurance Documents

3 Terms and Definitions

The following terms and definitions apply to this document.