

ICS 19.120  
CCS A 28



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

**GB/T 6005-2008**

Replacing GB/T 6005-1997

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**Test sieves -- Metal wire cloth, perforated metal plate and  
electroformed sheet -- Nominal sizes of openings**

试验筛 金属丝编织网、穿孔板和电成型薄板 筛孔的基本尺寸

**(English Translation)**

**Issued on: July 18, 2008**

**Implemented on: February 1, 2009**

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**Issued by: Standardization Administration of China**

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### Foreword

This revised standard adopts ISO 565. "basic dimensions Test sieves - Metal wire cloth, perforated plate and electroformed sheet mesh" 1990 (In English).

This standard and ISO 565:1990 compared to the main changes are as follows.

- Modify the scope;
- The "this International Standard" by "this standard";
- With a decimal point instead of a comma as the decimal point, "";
- Delete international standards preface, introduction;
- Expressed to apply to the contents of the standard formulation;
- Deleted Appendix A;
- Added Appendix A "woven wire mesh test parameter table." this standard replaces GB/T 6005-1997 "Test sieves - Metal wire cloth, perforated plate and electroformed sheet mesh basic dimensions." this standard and GB/T 6005-1997 compared to the main changes are as follows.
- Modify the scope;
- Increasing the normative references;
- Added Appendix A "woven wire mesh test parameter table";
- Modify the terms and definitions.

Appendix A of this standard is an informative annex.

This standard by the national and sorting method Standardization Technical Committee particles sieved (SAC/TC168) and focal points.

This standard was drafted. the machine Productivity Promotion Center, Xinxiang Bashan

sophisticated filters Limited.

## 1 Scope

This standard specifies the basic dimensions as a test sieve medium metal wire cloth, perforated plate and electroformed sheet of mesh.

This standard applies to woven wire mesh, perforated plate and electroformed sheet.

The basic dimensions of this standard woven wire cloth and electroformed sheet of mesh, less than or equal to 32μm, and are used R'10 series as a major dimension series.

Given the small size of less than spacing between adjacent basic size of 32μm, therefore, the basic dimensions of the series R'10 choice made limit.

The ratio between the size of the adjacent series are shown in Table 1.

Table 1

The percentage ratio of the difference between the series R20/3 1.40 40% R'10 about 25% 1.25 R40/3 about 19% 1.19 R20 about 12% 1.12

## 2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 5329 Test sieves and screening tests terminology (GB/T 5329-2003, ISO 2395:1990, MOD)

## 3 Terms and Definitions

GB/T 5329 identified in the terms and definitions apply to this standard.

## 4 Mark

Basic test mesh sieve size 4.1 (on the center side of the pitch or diameter) to represent. For the perforated plate and electroformed sheet, it should be noted hole Type. square or round holes.

### 4.2

mesh size greater than or equal to 1mm, and in mm; mesh size of less than 1mm, represented by μm.

The basic dimensions of the mesh 5 the basic mesh size in Table 2 and Table 3.  
Recommended main dimensions selected series. But as the need for a series of small  
gradient mesh size shall Choose from a series of R20 or R40/3 series in two  
complementary dimensions, while not allowed to choose from both.

5.1 For woven wire mesh. from 125mm to 20 $\mu$ m.