

ICS 19.100  
CCS J 04



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

**GB/T 20968-2007**

---

**Non-destructive testing -- Aids to visual inspection -- Selection  
of low-power magnifiers**

无损检测 目视检测辅助工具 低倍放大镜的选用

**(English Translation)**

**Issued on: July 2, 2007**

**Implemented on: December 1, 2007**

---

**Issued by: General Administration of Quality Supervision, Inspection and  
Quarantine of the People's Republic of China, Standardization  
Administration of the People's Republic of China**

## Table of Contents

|                                 |   |
|---------------------------------|---|
| What this standard covers ..... | 1 |
| Document data .....             | 2 |

### What this standard covers

This standard specifies the following types of low- power magnifiers features. And recommended choice for surface testing. Single magnifying lens, typically four times amplification rate (A -type). Multi- piece mirror magnifying glass, typical amplification rate of 10 times (B type). Dual system member magnifier, typically 15 times amplification rate (C -type), the following two types: a) the binoculars usually have long working distance (C. 1 type), b) Binocular ", with fine or other accessories for stereoscopic viewing (C. 2 type) concave lens magnifying glass, fitted with a front surface mirrors, six times the rate of a typical amplification (D -type) this standard does not involve: watchmaker set in the orbital loupe and glasses, a lens or magnifying lens holder can be placed on a single subject surface mirror, spherical or cylindrical lens loupe (a magnifying glass for a variety of points, including with the scale of measurement), filled with liquid, liquid plastic lens capsule, for the inner surface inspection loupe.

### Document data

International classification (ICS): 19.100.

Chinese classification (CCS): J04.

Estimated length of the Chinese original: 9,926 words.

Adopted international standard: ISO 3058-1998, IDT.