

ICS 29.140.10
CCS K 74



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

GB/T 1483.2-2026

Replacing GB/T 1483.2-2008

**Gauges for lamp caps and lampholders - Part 2: Gauges for pin
caps and lampholders**

灯头、灯座检验量规 第2部分：插脚式灯头、灯座的量规

(English Translation)

Issued on: July 30, 2026

Implemented on: November 1, 2026

Issued by: State Administration for Market Regulation

Table of Contents

Preface
Introduction
1 Scope
2 Normative References
3 Terms and Definitions
4 Product Classification and Codes
5 Marking and Packaging
6 Technical Requirements
References

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is Part 2 of GB/T 1483, "Inspection Specifications for Lamp Holders and Bases". GB/T 1483 has already published the following parts.

- Part 1: Gauges for Screw-Type Lamp Holders and Bases;
- Part 2: Gauges for Plug-in Lamp Holders and Recesses;
- Part 3: Gauges for Prefocused Lamp Holders and Bases;
- Part 4: Gauges for Miscellaneous Lamp Holders and Bases;
- Part 5: Gauges for bayonet-type lamp holders and sockets.

This document replaces GB/T 1483.2-2008 "Inspection Gauges for Lamp Holders and Bases Part 2: Gauges for Plug-in Type Lamp Holders and Bases", and is consistent with...

Compared with GB/T 1483.2-2008, apart from structural adjustments and editorial changes, the main technical changes are as follows.

---Added gauge edge raised line, check gauge for 2G8 lamp holder positioning key, GX8.5 lamp holder and socket gauge, and GX10 lamp holder gauge.

GX5 lamp holder gauge, GUZ5.3- lamp holder gauge, GR6d- lamp holder gauge, GU6.5 lamp holder gauge, GJ6.6 lamp holder gauge, gauge for inspecting the

minimum clamping force of G8.5B type lamp holder, GU8.5 lamp holder gauge, inspect the clamping force gauge of the G9.5 lamp holder in the lamp socket, the GUZ10 lamp holder and lamp socket gauge, inspect the GX10 lamp socket gauge, and inspect...

The following gauges are included. 2G11 lamp holder non-interchangeable stop gauge K; 2GX11 lamp holder gauge; GR14q lamp holder gauge; G14.5 and GX14.5.

Lamp holder gauges, GU16d and GX16d lamp holder gauges, GX16t-5 lamp holder gauges, G28d lamp holder gauges Specifications for lamp holders and sockets, GH36d-. (See 6.3);

Gauges for GZX7d-, GZY7d-, and GZZ7d-. lamp holders; inspection of printed circuit boards for GZX7d-, GZY7d-, and GZZ7d-. lamps.

Gauges for head positioning keys; inspection of stop gauges for 2G8 non-interchangeable positioning keys in lamp holders; inspection of go gauges for 2G8 lamp holder pins; G9 lamp holders.

Gauges for 2G11 and 2GX11 lamp holders, gauges for G22 two-pin lamp holders, and gauges for inspecting the electric shock protection of G5 and GX5 lamp sockets.

The plug gauge can be used to check the maximum contact of lamp holders 2G(X)7, 2G10, 2G(X)11, G(X)23, G(X)(Y)24 and G(X)(Y)32.

Pull-out force gauges D and E, gauge A for inspecting 2G8 lamp holders, gauge B for inspecting 2G8 lamp holders, and gauge B for inspecting 2G8 lamp holders.

The gauge C for the lamp holder, the gauge A for the G8.5 lamp holder, the gauge B for the G8.5 lamp holder, and the go gauge for the GY10q lamp holder.

Gauge A is used to inspect the maximum insertion and maximum extraction forces of 2G11 and 2GX11 lamp holders.

Gauge B measures the insertion force and maximum pull-out force; gauge C measures the minimum clamping force of 2G11 and 2GX11 lamp holders; gauge C measures the clearance of G22 lamp holders.

Specifications, requirements for gauge A for inspecting G24, GX24 and GY24 lamp holders (see 6.3, Chapter 6 of the 2008 edition);

---The requirements for the gauges for verifying the minimum clamping force of G9.5 lamp holder contacts and the minimum clamping force of GX9.5 lamp holders have been removed (see...).

Chapter 6 of the 2008 edition.

This document is modified to adopt IEC 60061-3:2005 "Lamp holders, lamp bases and gauges for testing their safety and interchangeability - Part 3: Gauges".

Compared with IEC 60061-3:2005, this document has undergone the following structural adjustments.

---Added Chapter 1 "Scope", Chapter 2 "Normative References", Chapter 3 "Terms and Definitions", and Chapter 4 "Product Classification and Subscriptions".

"Number" and Chapter 5 "Markings and Packaging".

The technical differences between this document and IEC 60061-3:2005, and the reasons therefor, are as follows.

---This document retains only the measurement requirements for pin-type lamp holders and sockets from IEC 60061-3:2005, and has deleted other types of lamp holders.

The gauge requirements for lamp holders shall meet the structural specifications of the sub-sections of GB/T 1483;

---The requirement for "raised lines on the edge of the gauge" has been added (see 6.3) to facilitate the use of the standard;

---Added normative references to GB/T 1406.2, GB/T 1483.1 and GB/T 1957 (see 6.3) to conform to Chinese standards.

Drafting regulations.

The following editorial changes have been made to this document.

---To align with existing standards, the standard title has been changed to "Inspection Gauges for Lamp Holders and Lamp Bases Part 2: Pin-type Lamp Holders and Lamp Bases".

Gauges;

---Includes IEC 60061-3:1969/AMD35.2005, IEC 60061-3:1969/AMD37.2006, IEC 60061-3:1969/AMD38.2007, IEC 60061-3:1969/AMD39.2009, IEC 60061-3:1969/AMD40.2009, IEC 60061-3.

1969/AMD41.2010, IEC 60061-3:1969/AMD42.2010, IEC 60061-3:1969/AMD44.2011, IEC 60061-3:1969/AMD45.2011, IEC 60061-3:1969/AMD46.2012, IEC 60061-3:1969/AMD48.2014, IEC 60061-3:1969/AMD49.2014, IEC 60061-3:1969/AMD50.2015, IEC 60061-3.

1969/AMD51.2015, IEC 60061-3:1969/AMD53.2017, IEC 60061-3:1969/AMD54.2017, IEC 60061-3:1969/AMD55.2018, IEC 60061-3:1969/AMD56.2019, IEC 60061-3:1969/Corrections to AMD58.2020, IEC 60061-3:1969/AMD59.2023, IEC 60061-3:1969/AMD60.2024 content;

---The inspection gauge parameter loose-leaf number for lamp holders and sockets has been changed to include the national standard number before the IEC loose-leaf number;

---IEC 60081 has been replaced with GB/T 10682, which is used for informational purposes.

---IEC 61549 has been replaced with GB/T 21092, which is used for informational purposes.

---ISO 6508-1 has been replaced by GB/T 230.1, which is cited in the informational reference.

---ISO 4287 has been replaced by GB/T 3505, which is used for informational purposes.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China National Light Industry Council.

This document is under the jurisdiction of the National Technical Committee on Standardization of Lighting Appliances (SAC/TC224).

Introduction

As important components of lamp accessories, lamp holders and sockets require interchangeability and safety as fundamental requirements for safe production.

Gauges are measuring tools used to inspect the dimensions of lamp holders and sockets, and are important inspection instruments to ensure the safety and interchangeability of lamp holders and sockets. GB/T 1483 the "Inspection Gauge for Lamp Holders and Lamp Bases" aims to standardize the gauges for inspecting the interchangeability of lamp holders and lamp bases, and is proposed to include the following five parts.

---Part 1: Gauges for Screw-in Lamp Holders and Bases. The purpose is to specify the dimensional and safety specifications for inspecting the interchangeability of screw-in lamp holders and bases.

Sexual metric.

---Part 2: Gauges for Plug-in Lamp Holders and Recesses. The purpose is to specify the dimensions and safety specifications for inspecting the interchangeability of plug-in lamp holders and recesses.

Sexual metric.

Safety gauges.

---Part 4: Gauges for Miscellaneous Lamp Holders and Bases. The purpose is to specify the dimensional specifications for inspecting the interchangeability and safety of miscellaneous lamp holders and bases.

Gauges.