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

GB 23469-2025

Replacing GB/T 23469-2009

Fall protection - Connectors

坠落防护 连接器

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document replaces GB/T 23469-2009 "Fall protection connectors". Compared with GB/T 23469-2009, except for the structural adjustment and In addition to editorial changes, the main technical changes are as follows:

- a) The scope has been changed (see Chapter 1, Chapter 1 of the.2009 edition);
- b) Changed the terms and definitions of connectors (see 3.1, 3.1 of the.2009 edition);
- c) Deleted basic connector, multi-purpose connector, rope end connector, hanging point connector, threaded connector, rotary connector, cable connector Terms and definitions for valves and self-closing valves (3.11 of the.2009 edition);
- d) Added the terms and definitions of minimum breaking load (see 3.9);
- e) Added the classification of connectors (see Chapter 4);
- f) Change "General requirements" to "Structure and design" (see 5.1, Chapter 4 of the.2009 edition);
- g) The technical requirements for static strength have been changed (see 5.2, 6.2.3 of the.2009 edition);

- h) Added technical requirements for the static strength of connection parts (see 5.2);
- i) Deleted the classification of connector use locations in Table 1 (see

1 Scope

GB 23469-2025 is the Chinese national standard on fall protection - connectors, in the field of environment and health protection, safety. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 29 August 2025 by the Ministry of Emergency Management, and has been in force since 1 September 2026. Classification: ICS 13.340.99, CCS C 73. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the classification, technical requirements, inspection rules, permanent marking and manufacturer-provided information for connectors, and describes the corresponding test procedures. Try method. This document applies to connectors used for working at height. This document does not apply to connectors used in industries such as sports, firefighting, etc.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 10125 Artificial atmosphere corrosion test Salt spray test

GB/T 12903 Terminology of Personal Protective Equipment

GB 24543 Fall protection safety rope

3 Terms and Definitions

The terms and definitions defined in GB/T 12903 and the following apply to this document.

3.1 connector Components used to connect and separate components in a system.

3.2 Self-closing connector Connector with self-closing valve.

3.3 gate Parts used to open and close connectors.

Note. There are many forms such as rotation and sliding.

3.4 Self-locking gate Automatic locking door.

3.5 Locking feature Automatically or manually prevent the valve from being opened accidentally.

3.6 gateopening The width of the connector flap opening when open.

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