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

GB/T 15389-2025

Replacing GB/T 15389-1994

Fasteners - Threaded rods

紧固件 螺杆

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Foreword

This document was drafted in accordance with the rules given in GB/T 1.1-2020, Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents.

This document replaces GB/T 15389-1994, Threaded rods. Compared with GB/T 15389-1994, in addition to structural adjustments and editorial modifications, the main technical changes are as follows.

- a) Add a type of threaded rods with chamfered ends (see Figure 1, Table 1, and Table 2);
- b) Change the length series (see Table 1; Table 2 of the 1994 edition), and add the theoretical mass of threaded rods (see Table 1);
- c) Add specifications M2~M3.5 and M45~M72 (see Table 1);
- d) Remove the performance grade 4.6 (see Table 3 of the 1994 edition), and add performance grades 8.8, 10.9, and 12.9, as well as stainless steel groups and performance grades A2-50, A4-50, A4-80, D4-70, D4-80, D6-70, and D6-80 (see Table 2);
- e) Remove non-ferrous metal threaded rods (see Table 3 of the 1994 edition);
- f) For steel threaded rods, add the technical requirements for non-electrolytically applied zinc flake coatings to be as specified in GB/T 5267.2, and the technical requirements for hot dip galvanized coatings to be as specified in GB/T 5267.3 (see Table 2);
- g) For stainless steel threaded rods, add requirements for passivation (see Table 2);
- h) Add marking and labels (see Chapter 6).

Please note that some of the contents of this document may involve patents. The issuing organization of this document is not responsible for identifying patents.

This document is proposed by China Machinery Industry Federation.

This document shall be under the jurisdiction of National Technical Committee 85 on Fasteners of Standardization Administration of China (SAC/TC 85).

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1 Scope

This document specifies the types, dimensions, technical requirements, marking, labels, and designation of threaded rods.

This document applies to threaded rods with coarse threads M2~M68, fine pitch threads M8x1~M72x6, and performance grades 4.8, 5.6, 5.8, 8.8, 10.9, 12.9, A2-50, A2-70, A4-50, A4-70, A4-80, D4-70, D4-80, D6-70, and D6-80.

2 Normative references

GB/T 90.1

GB/T 90.2

GB/T 197

GB/T 1237

GB/T 3098.1

GB/T 3098.6

GB/T 3099.4

GB/T 5267.1

GB/T 5267.2

GB/T 5267.3

GB/T 5276

GB/T 5779.1

GB/T 5779.3

GB/T 16938

3 Terms and definitions

No terms and definitions need to be defined in this document.

4 Types and dimensions

The types of threaded rods shall be as shown in Figure 1, and the dimensions in Table 1.

Symbols and descriptions of dimensions shall conform to GB/T 5276.

Source: