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

GB/T 44622-2024

**Transmission flanges for commercial vehicles - Types A, S and
T**

商用车辆变速器法兰 A型、S型和T型

(English Translation)

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Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020

Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents.

This document is modified in relation to ISO 7646:1986 Commercial vehicles and buses - Gearbox flanges - Type A, ISO 7647:1986 Commercial vehicles and buses - Gearbox flanges - Type S and ISO 8667:1992 Commercial vehicles and buses - Cross-tooth gearbox flanges, type T.

Compared to ISO 7646:1986, ISO 7647:1986 and ISO 8667:1992, this document has made the following structural adjustments:

- Chapter 4 corresponds to Chapter 4 of ISO 7646:1986, Chapter 4 of ISO 7647:1986 and Chapter 3 of ISO 8667:1992;
- 5.1 corresponds to Chapter 3 of ISO 7646:1986, 5.2 corresponds to Chapter 3 of ISO 7647:1986, and 5.3 corresponds to Chapter 3 of ISO 8667:1992.

The technical differences between this document and ISO 7646:1986, ISO 7647:1986 and ISO 8667:1992 and their reasons are as follows:

- The flange marking method (see Chapter 4) has been changed to adapt to the unified provisions of this document;
- The height tolerance of the T-flange tooth has been changed (see Figure 9) to accommodate a wider range of processing techniques.

The following editorial changes have been made to this document:

- ISO 7646:1986, ISO 7647:1986 and ISO 8667:1992 are integrated, and the standard name is changed to "Transmission flanges for commercial vehicles - Types A, S and T";
- The annotation of the figures has been changed to comply with Chinese mechanical drawing standards.

1 Scope

This document specifies the marking, type and dimensional parameters of Type A, S and T transmission flanges for commercial vehicles.

This document applies to flanges installed between transmissions and mating components in commercial vehicles.

2 Normative references

This document has no normative references.

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4 Marking

The transmission flange shall be marked in detail in the following order:

- a) The number of this document;
- b) Type code;
- c) Flange diameter d1 (applicable to type A and type T flanges) or specification code (applicable to type S flanges);
- d) Number of fixing bolts (applicable to type A and type S flanges);
- e) Thread specifications of fixing bolts (applicable to type A and type S flanges).

EXAMPLE 1:

The transmission flange of type A, diameter d1=150 mm, number of fixing bolts=8, thread specification

of fixing bolts=12 mm is marked as:

Flange GB/T 44622-A 150x8x12

EXAMPLE 2:

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