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

GB/T 33520-2017

Drive shaft T-section tooth

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the re-drafting method to modify the use of ISO 12667..1993 "commercial vehicle and passenger straight drive shaft T-shaped flange fork".

The technical differences between this standard and ISO 12667..1993 are as follows.

- according to the parts industry on the use of T-shaped face teeth, the scope of expansion for the shaft with the shaft components;
- According to industry conditions and related standards consistency, the removal of the international standard in the normative reference documents;
- According to the industry situation, modified the way mark.

This standard is proposed by the National Standard Committee on Machine Shaft and Accessories (SAC/TC109).

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Division, Zhejiang Taishun of the metallurgical machinery parts factory.

1 Scope

This standard specifies the type and size of the T-shaped end teeth of the drive shaft.

This standard applies to the shaft parts of the drive shaft.

2 size and tolerance

The dimensions and tolerances of the T-shaped face teeth of the drive shaft are shown in Table 1, Figure 1 and Figure 2.

Table 1 units are in millimeters

Serial number

size

d1 0-2 d2 d3 d5 0.2 0 La 0.5-0.5 D x Tb

1 120c 100 82 11 14 70 x 22

2 150c 130 102 13 16 96 x 24d

3 165 140 112 13 16 96 x 26

4 180 150 112 15 18 96 x 26

5.200 165 132 15 22 116 x 28

a Due to special use, other size requirements may be made in the agreement between supply and demand.

b Verify that the pit L is the minimum clearance required to adjust the elements of the adjacent drive face teeth.

c for a certain purpose, may be required in the supply and demand agreement d1 = 122mm and 155mm.

d The current size of the current pit is 92 x 22. The new design of the drive shaft flange should not exceed that size.