

CCS T 64



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

GB/T 6232-2021

**Tractors and machinery for agriculture and forestry -
Wheel-to-hub fixing dimensions**

Issued on: April 30, 2021

Implemented on: November 1, 2021

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

Foreword

1 Scope

2 symbols

3 Installation dimensions of the center hole of the spokes

Foreword

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

This standard replaces GB/T 6232-1998 "Installation Dimensions of Agricultural and Forestry Tractors and Machinery Wheels on Wheel Hubs". With GB/T 6232-

Compared with.1998, the main technical differences except for editorial changes are as follows.

---Modified the scope of the standard (see Chapter 1, Chapter 1 of the.1998 edition);

--- Deleted the requirements for the position of the radius SR of the sphere of the nut seat centered on the sphere of the spoke nut seat (see Table 3 in the.1998 edition);

---The diameter of the bolt with the number of equal-spaced bolt holes centered on the cone of the spoke nut seat is 8 (see A.2, Table 2 of the.1998 edition).

The translation method used in this standard is equivalent to ISO 5711.1995 "Agricultural and Forestry Tractor and Mechanical Wheel Mounting Dimensions on the Wheel Hub".

This standard has made the following editorial changes.

---In order to be consistent with my country's drawing regulations, the letter "d" is replaced by the letter "D", and the letter "sr", "SRr" and "r" are replaced by the letter "SR";

---In order to comply with the provisions of GB/T 1.1-2009, the content of "Note 3" in Appendix A of ISO 5711.1995 is changed to A.1.

No. postponed.

This standard was proposed by the China Machinery Industry Federation.

This standard is under the jurisdiction of the National Tractor Standardization Technical Committee (SAC/TC140).

Drafting organizations of this standard. Luoyang Xiyuan Vehicle and Power Inspection Institute Co., Ltd., Hefei Fuyuan Automobile Modification Co., Ltd., Jiamusiji

Chi Tractor Manufacturing Co., Ltd., Changzhou Dongfeng Agricultural Machinery Group Co., Ltd.

1 Scope

This standard specifies the installation dimensions of agricultural and forestry tractors and machinery wheels on the hubs. Centering according to the spoke center hole is recommended as a new model

Type.

Note. Appendix A gives the installation dimensions of the wheel on the hub according to the spherical centering and conical centering of the spoke nut seat.

The following installation dimensions do not mean that the wheels are interchangeable between the vehicle and the vehicle.

This standard applies to agricultural and forestry tractors and mechanical spoke wheels, but does not apply to front and rear wheels equipped with gear reducers and corresponding mechanisms in the hub.

Wheels assembled on the rear drive shaft.

2 symbols

The following symbols apply to this document.

Symbolic name

D Nut seat diameter

D1 Bolt hole/nut seat distribution circle diameter

D2 Bolt hole diameter

D3 Center hole diameter

D4 spoke support plane diameter

D5 Hub center shoulder diameter

D6 Hub support plane diameter

SR spherical radius

3 Installation dimensions of the center hole of the spokes

The assembly dimensions centered on the spoke center hole should meet the requirements of Table 1 and Figure 1.

Table 1 Dimensions of spoke wheels and hubs with center holes centered in millimeters

Isometric screw

Number of bolt holes

wheel

D1 D2 1 0 D3 0.5 0 D4min

Bolt diameter a

Wheel hub

D5 0-0.2 D6 0-5

4 100 15 61 145 12 60.8 140

5 140 17 96 185 14 95.8 180

6 205 21 161 255 18 160.8 250

203.2 21 152.4 257 18 152.2 252

275 24 221 325 20 220.8 320