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STANDARD

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

*Tracteurs et matériels agricoles et forestiers — Caractéristiques dimensionnelles de la fixation de la roue sur le moyeu*



Reference number  
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## **Foreword**

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

## 1 Scope

This International Standard specifies the dimensional requirements for attaching wheels to hubs on tractors and machinery for agriculture and forestry. The flat attachment type with centring on a central bore is the recommended type for future equipment.

NOTE 1 Characteristics of attachments with spherical or conical centring on the stud hole are shown in annex A

Specifications indicated do not imply that the wheel is interchangeable from one vehicle to another.

NOTE 2 Wheels fitted to driven front and rear axles which incorporate gear reduction or corresponding mechanisms within the wheel hub envelope are not covered by this International Standard

## 2 Symbols

The symbols used in this International Standard are as follows:

$d$  stud/nut seating diameter

$D_1$  PCD (pitch circle diameter) of stud/nut seating hole

$D_2$  stud hole diameter

$D_3$  central bore diameter

$D_4$  disc flat bearing diameter

$D_5$  centring diameter on the hub

$D_6$  diameter of the hub flat bearing

$r$  spherical radius of the countersunk hole

## 3 Flat attachment with centring on central bore

Dimensions of the wheel and hub shall be as shown in figure 1 and table 1.