

# JIS

**JAPANESE INDUSTRIAL STANDARD**

**Dimensions of solid tires  
for industrial vehicles**

**JIS D 6405**<sup>—1990</sup>

**Translated and Published**

**by**

**Japanese Standards Association**

In the event of any doubt arising,  
the original Standard in Japanese is to be final authority.

1. Scope

This Japanese Industrial Standard specifies the dimensions of solid tires made of rubber for industrial vehicles.

Remark: Applicable Standards to this Standard are shown in the following.

JIS D 4201 Designation System of Tire, Tube, Rim Band, and Flap for Automobiles

JIS D 6001 Fork Lift Trucks

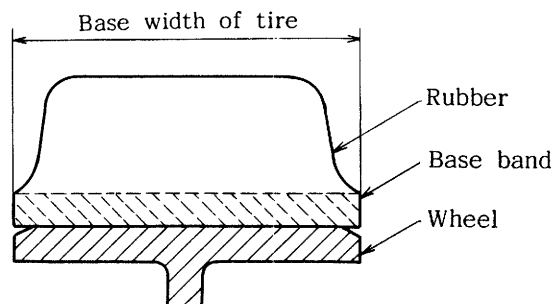
2. Definition

For the purposes of this Standard main definitions are as follows.

Further Figs. 1 to 3 show the outline figures.

- (1) press-on type solid tire A tire of which base band (cylindrical base made of metal) is adhered with rubber. This tire is used by press-in equipped with the wheel (Refer to Fig. 1).

Fig. 1. Sectional View of Press-on Type Solid Tire



- (2) cure-on type solid tire A tire of adhered with rubber directly to wheel. The wheel and tire are integral and it is used as it is (Refer to Fig. 2).

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Reference Standards:

JIS D 6401-Dimensions and Load Ratings of Tires for Industrial Vehicles and Off the Road Service

JIS D 6402-Contours of Rims for Industrial Vehicles and Off the Road Service