

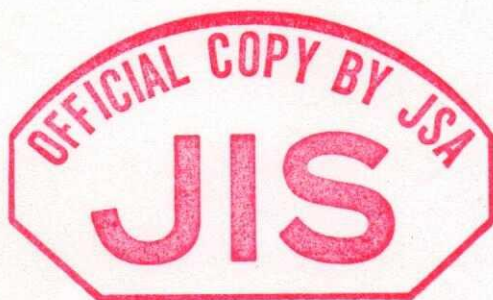
JIS

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JAPANESE INDUSTRIAL STANDARD

Tires for Agricultural Implements and Machineries

Ⓔ JIS B 9205—1987



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1. Scope

This Japanese Industrial Standard specifies the tires for agricultural machinery, hereinafter referred to as "tires".

Remark: The units and numerical values shown in { } in this Standard are based on the traditional units and are currently the criteria in force.

2. Definitions

For the main terms used in this Standard the definitions in JIS D 4201, JIS D 4202, JIS D 4230 and JIS D 6200 apply, and the rest of the terms shall be as follows:

- (1) side wall part The outer wall between the tread and bead.
- (2) ords Those fibers which have been twisted to form plies inside the tires (or metallic wires).
- (3) breaker A layer of cords which are inserted mostly between the tread and the carcass, for the purpose of protecting the carcass of bias-ply tires and reaches only halfway to the bead.
- (4) belt A layer of cords which lies between the tread and the carcass of radial-ply tires, but reaches only halfway to the bead part, and functions as a hoop effect.
- (5) bead part A part which has been so fabricated as to fit the rim, enveloping the bundle of steel wires with plies.
- (6) cord angle The angle formed between the cord and the centre line.

3. Types and Dimensions

The types and dimensions of the tire shall be in accordance with JIS B 9202 or the standard prescribed by public organizations.

4. Materials and Manufacturing Method

4.1 The tire shall be manufactured by vulcanization after having been formed to meet the service purposes with the materials of the compounded rubber, cord fabric, plain-weave fabric ⁽¹⁾ and bead wire. Its composition shall, as shown in Figure, be roughly divided into the tread part, side wall part, breaker ⁽²⁾ or belt part, carcass part and bead part, and they shall be bounded together completely and firmly.

Notes ⁽¹⁾ The cord fabric and plain-weave fabric shall include inorganic matters of steel and glass and others.

⁽²⁾ In some cases, breakers may be omitted.

Applicable Standards, and Reference Standard: See page 4.