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**Agricultural tractors and machinery —  
General purpose quick-action hydraulic  
couplers**

*Tracteurs et matériels agricoles — Coupleurs hydrauliques à usage  
général*



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## Foreword

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ISO 5675 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 4, *Tractors*.

This third edition cancels and replaces the second edition (ISO 5675:1992), which has been technically revised.

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# Agricultural tractors and machinery — General purpose quick-action hydraulic couplers

## 1 Scope

This International Standard specifies the essential interface dimensions, as defined in ISO 7241-1, and the operating requirements for hydraulic couplers employed to transmit hydraulic power from agricultural tractors to agricultural machinery. It is applicable to couplers used in hydraulic lines other than those used for braking circuits (see ISO 5676).

NOTE All hydraulic couplers need to be connected and disconnected frequently to allow the transfer of machinery from one tractor to another without the use of tools or special devices.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 7241-1:1987, *Hydraulic fluid power — Quick-action couplings — Part 1: Dimensions and requirements*

ISO 7241-2:2000, *Hydraulic fluid power — Quick-action couplings — Part 2: Test methods*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 3.1

#### **coupler female part**

#### **female part**

part that has a cavity to receive the male part

### 3.2

#### **coupler male part**

#### **male part**

probe that fits and locks into the cavity of the female part

## 4 Requirements

### 4.1 Dimensional requirements

The dimensions of the coupler male part shall be in accordance with ISO 7241-1:1987, Table 1 and Figure 1, series "A", for sizes 12,5 and 20. In addition, the coupler male part dimension shall be in accordance with Figure 1 and Table 1 of this International Standard, in order to be compatible with dust protection devices.