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**Harvesting equipment — Blades  
for agricultural rotary mowers —  
Requirements**

*Matériel de récolte — Lames pour faucheuses rotatives agricoles —  
Prescriptions*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 7, *Equipment for harvesting and conservation*.

This second edition cancels and replaces the first edition (ISO 5718:2002), which has been technically revised.

# Harvesting equipment — Blades for agricultural rotary mowers — Requirements

## 1 Scope

This International Standard specifies requirements for blades used on rotary disk mowers and rotary drum mowers, mounted, semi-mounted, trailed, or self-propelled, as used for forage crop harvesting in agriculture only.

It specifies requirements for testing and marking of such blades.

NOTE 1 The main purpose of this International Standard is to set material characteristics. Blades on agricultural rotary mowers are exposed to considerable centripetal forces and impacts with foreign objects. A bend test and impact test to check the brittleness and toughness of the material is therefore included in this International Standard.

NOTE 2 This International Standard does not specify dimensional requirements.

## 2 Normative references

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

ISO 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T)*

## 3 Terms and definitions

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

### 3.1

#### **rotary mower**

mower in which one or more functional components cut or shear forage crop by impact without mulching and rotate about a vertical axis

#### 3.1.1

##### **drum mower**

*rotary mower* (3.1) where the drive line is above the path of the cutting elements

Note 1 to entry: See [Figure 1](#).