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**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB/T 1209-2002**

Replacing GB/T 1209-2002

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**Agricultural machinery -- Cutter bars -- Part 1: Assembly  
(English Translation)**

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### Foreword

GB/T 1209 "Agricultural Machinery cutter" is divided into.

- Part 1. assembly;
- Part 2. blade protection device;
- Part 3. moving blade, stationary blade and arbor;
- Part 4. Pressure edge device;
- Part 5. friction plate.

This section GB/T 1209 Part 1.

This part is GB/T 1209-2002 "agricultural machinery cutter" amendments. This section compared with GB/T 1209-2002, the main to technical content changes as follows.

- Improve the technical parameters of type II cutting;
- Adjusted VI type cutter technical parameters;
- Adjust the type V, VI type cutter special gasket material processing requirements;
- Increased VII type cutter.

Since the implementation of this section instead of GB/T 1209-2002.

Appendix A of this part is a normative appendix.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee on Agriculture machinery centralized.

This section is drafted. LOVOL International Heavy Industry Co., Ltd., John Deere Harvester Co. kai, China Agriculture Mechanization Institute of Science, the machine South Machinery Co., Ltd.

## 1 Scope

This section GB/T 1209 regulations agricultural machinery cutter (hereinafter referred to as a cutter) the types and basic dimensions, technical requirements, inspection rules and signs, packaging, transportation and storage.

This section applies to agricultural machinery cutting assembly.

## 2 Normative references

The following documents contain provisions which, through reference to GB/T 1209 to the present, constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 10-1988 countersunk square neck bolts GB/T 12-1988 Cup Head Square Neck Bolts  
GB/T 41-2000 hex nuts Class C (eqvISO 4034.1999) GB/T 93-1987 standard spring washers  
GB/T 95-2002 flat washers C grade (eqvISO 7091.2000) GB/T 710-2008 quality carbon structural steel sheets and strips  
GB/T 867-1986 Round head rivets GB/T 869-1986 countersunk head rivet GB/T 870-1986 countersunk head rivets  
GB/T 1209.2-2009 agricultural machinery Cutter Part 2. blade protection device  
GB/T 1209.3-2009 cutter Agricultural machinery - Part 3. Dynamic blade, fixed blade and arbor  
GB/T 1209.4-2009 agricultural machinery Cutter Part 4. Pressure blade device  
GB/T 1209.5-2009 cutter Agricultural machinery - Part 5. lining  
GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Program (ISO 2859-1:1999, IDT)  
GB/T 5783-2000 full thread hex head bolts GB/T 6170-2000 type hexagon nuts

## 3 Types and basic dimensions

### 3.1

cutter into seven types.

I type --- suitable for lawn mowers;

II type --- suitable for grain harvesting machinery;

III type --- suitable for grain harvesting machinery;

IV type --- suitable for grain harvesting machinery;

V type --- for small harvesting machinery;

VI type --- mainly applied to semi-feeding combine harvester;

VII type --- suitable for grain harvesting machinery.

### **3.2**

cutter basic types and dimensions shall comply with Figs. 1 to 7 and Tables 1 to 7.