
International Standard



563

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Equipment for harvesting — Knife sections for agricultural cutter bars

Matériel de récolte — Sections de lame pour barres de coupe

First edition — 1981-05-15

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 563:1981

<https://standards.iteh.ai/catalog/standards/sist/4823240e-487e-434b-9360eb212180502/iso-563-1981>

To be withdrawn

UDC 631.352.022

Ref. No. ISO 563-1981 (E)

Descriptors : agricultural machinery, harvest equipment, cutter bars, blades, dimensions, dimensional tolerances, interchangeability, specifications.

Price based on 2 pages

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 563 was developed by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, and was circulated to the member bodies in October 1979.

It has been approved by the member bodies of the following countries:

Australia	Germany, F.R.	Romania
Belgium	India	South Africa, Rep. of
Bulgaria	Italy	Spain
Canada	Korea, Dem. P. Rep. of	Sweden
Denmark	Korea, Rep. of	United Kingdom
Finland	New Zealand	USA
France	Portugal	USSR

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Austria
Czechoslovakia
Poland
Switzerland

This International Standard cancels and replaces ISO Recommendation R 563-1967, of which it constitutes a technical revision.

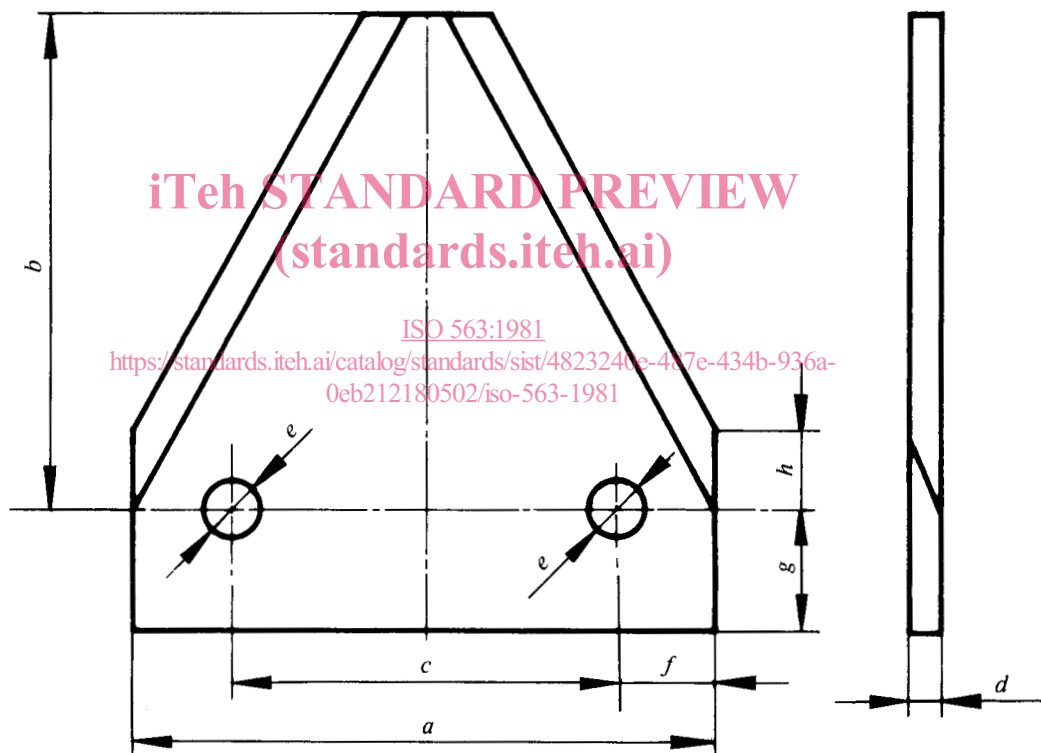
Equipment for harvesting – Knife sections for agricultural cutter bars

1 Scope and field of application

This International Standard establishes the fitting interchangeability dimensions and certain specific characteristics of knife sections for cutter bars of harvesting equipment.

2 Dimensions

The dimensions of the sections as presented in the figure shall conform to the specifications in the table.



Dimensions in millimetres

Dimension	Type 1	Type 2
<i>a</i>	76 $\begin{smallmatrix} 0 \\ - 0,2 \end{smallmatrix}$	76 $\begin{smallmatrix} 0 \\ - 0,2 \end{smallmatrix}$
<i>b</i> *	65 $\pm 0,5$	65 $\pm 0,5$
<i>c</i>	51 $\pm 0,15$	51 $\pm 0,15$
<i>d</i>	2 $\pm 0,1$	3 $\pm 0,2$
<i>e</i>	5,5 $\begin{smallmatrix} + 0,2 \\ 0 \end{smallmatrix}$	5,5 $\begin{smallmatrix} + 0,2 \\ 0 \end{smallmatrix}$
<i>f</i>	12,5 $\begin{smallmatrix} + 0,1 \\ - 0,2 \end{smallmatrix}$	12,5 $\begin{smallmatrix} + 0,1 \\ - 0,2 \end{smallmatrix}$
<i>g</i>	19 $\begin{smallmatrix} + 0,2 \\ - 1 \end{smallmatrix}$	19 $\begin{smallmatrix} + 0,2 \\ - 1 \end{smallmatrix}$
<i>h</i>	15 ± 2	15 ± 2

* The dimension *b* may be less than 65 mm for special applications.

3 Material

A typical minimum material and hardness specification would be as follows :

- Steel : carbon content, 0,70 % minimum
- Hardness : the cutting edge shall have a hardness in the range of 48 to 58 H.R.C. and the body of the knife section should have a non-hardened zone in the range of 20 to 35 H.R.C.

4 Width of section

The width (a) of the section is 76 mm. Sections having widths other than 76 mm (3 in) will be added to this International Standard at a later date.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO 563:1981](https://standards.iteh.ai/catalog/standards/sist/4823240e-487e-434b-936a-0eb212180502/iso-563-1981)

<https://standards.iteh.ai/catalog/standards/sist/4823240e-487e-434b-936a-0eb212180502/iso-563-1981>