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# International Standard



# 6880

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

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## Machinery for agriculture — Trailed units of shallow tillage equipment — Main dimensions and attachment points

*Matériel agricole — Unités traînées de matériel de préparation superficielle du sol — Principales dimensions et points de fixation*

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[ISO 6880:1983](https://standards.iteh.ai/catalog/standards/sist/bd15b002-40fd-4994-9368-39d8e1dfc818/iso-6880-1983)

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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 developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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 6880 was developed by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, and was circulated to the member bodies in November 1981.

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

|                     |                |                       |
|---------------------|----------------|-----------------------|
| Australia           | France         | Portugal              |
| Belgium             | Germany, F. R. | Romania               |
| Brazil              | India          | South Africa, Rep. of |
| Bulgaria            | Iraq           | Sweden                |
| China               | Italy          | Switzerland           |
| Czechoslovakia      | Korea, Rep. of | Turkey                |
| Denmark             | Mexico         | United Kingdom        |
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No member body expressed disapproval of the document.

# Machinery for agriculture — trailed units of shallow tillage equipment — Main dimensions and attachment points

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### 1 Scope and field of application

This International Standard specifies the modular arrangement and above-ground disposition of yokes on bearer frames designed for coupling bearer frames and traction links of soil working equipment.

This International Standard applies to shallow trailed tillage equipment with traction resistance up to 1 200 N per metre of the working width.

### 2 Main dimensions of yokes

The yokes of a bearer frame are specified by the following dimensions (see the figure<sup>1)</sup>):

$S$  = Distance between yokes

$H$  = Yoke height above the ground

$d$  = Diameter of yoke hole

$a$  = Distance between yoke sides

$b$  = Distance from the hinge axle to the front yoke wall

$R$  = Distance from the hinge centre to the farthest point of a yoke

1) The figure is given to indicate the dimensions of yokes, not to define their design.

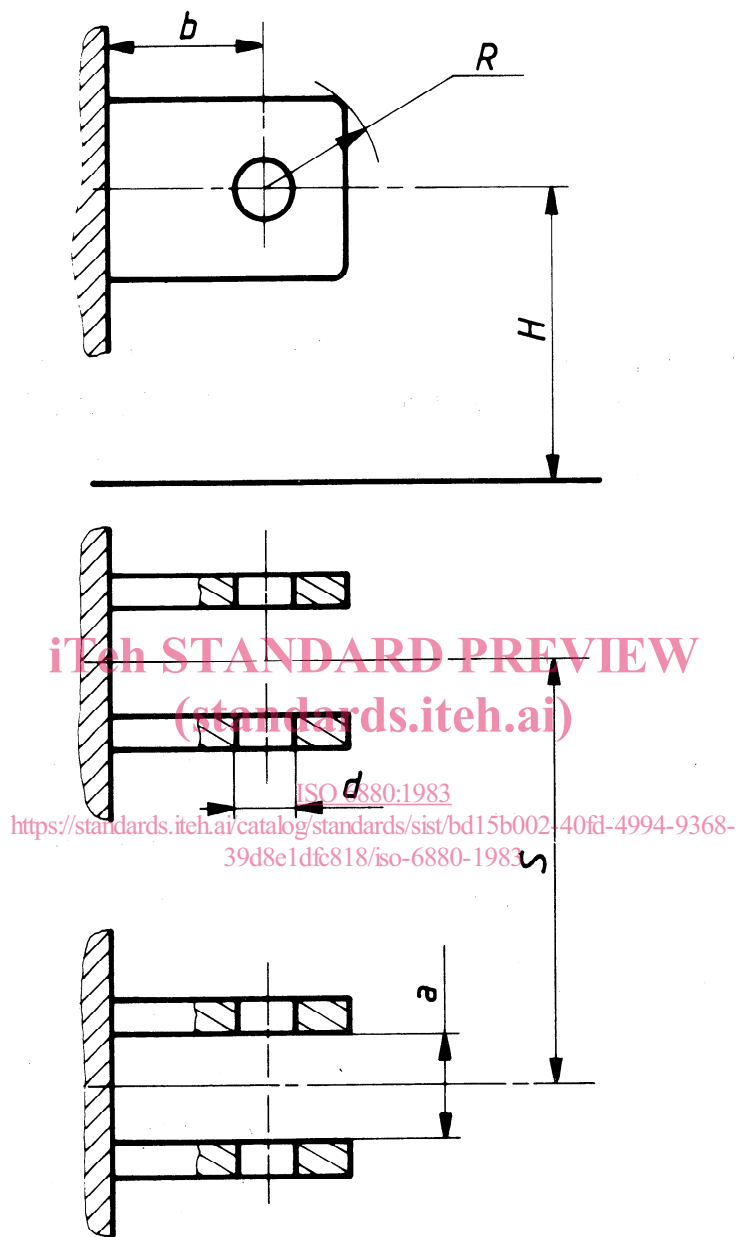


Figure – Main dimensions of yokes

Dimensions in millimetres

| $S$           | $H$        | $d$ | $a$<br>min. | $b$<br>min. | $R$<br>max. |
|---------------|------------|-----|-------------|-------------|-------------|
| $500^* \pm 5$ | 100 to 300 | 18  | 20          | 35          | 30          |

\* This value applies when the yokes are permanently fixed to the frame; if the yoke design allows its displacement on the frame, the dimension  $S$  shall be equal to the distance between coupling links on the trailed implement.