
International Standard



6688

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

Machinery for forestry — Disc trenchers — Disc-to-hub flange fixing dimensions

Matériel forestier — Disques fossoyeurs — Dimensions pour la fixation sur le moyeu

First edition — 1982-06-15

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UDC 631.311.5.022

Ref. No. ISO 6688-1982 (E)

Descriptors : agricultural machinery, soil working equipment, disks (agricultural), dimensions.

Price based on 3 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 6688 was developed by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, and was circulated to the member bodies in April 1981.

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

Austria	India	Pakistan
Belgium	Iraq	Portugal
Czechoslovakia	Italy	Romania
Denmark	Korea, Dem. P. Rep. of	Turkey
Egypt, Arab Rep. of	Korea, Rep. of	United Kingdom
Finland	Mexico	USSR
France	Netherlands	
Germany, F. R.	New Zealand	

The member body of the following country expressed disapproval of the document on technical grounds :

Sweden

Machinery for forestry — Disc trenchers — Disc-to-hub flange fixing dimensions

1 Scope and field of application

This International Standard specifies dimensions of the disc centre plate and fixing holes for fixing the disc to the hub flange in disc trenchers used for soil cultivation in forestry.

The design of the disc itself (concavity, cutting edge, teeth etc.) is not included in this International Standard.

2 Dimensions

2.1 Dimensions of the disc centre plate

The two following types of disc centre plate are considered in this International Standard (see figure 1) :

- Type A : Centre plate used for discs where the diameter D of the coned or concaved zone is less than 900 mm.
- Type B : Centre plate used for discs where the diameter D of the coned or concaved zone is 900 mm or more.

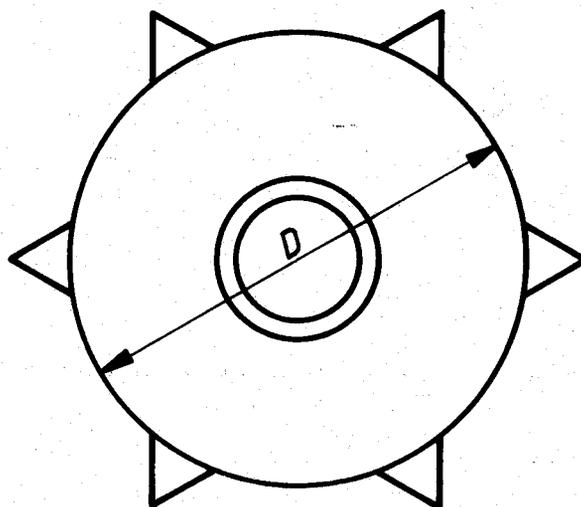


Figure 1 — Disc diameter

The dimensions of the disc centre plate relative to types A and B shall be those given in the table (see figure 2 for symbols). The other dimensions common to both types are given in figure 2.

Table — Disc centre plate dimensions

Dimensions in millimetres

Designation	Symbol	Type A	Type B
Centre plate outside diameter	D_1	375	450
Centre hole diameter	D_2	$260 \begin{smallmatrix} + 0,620 \\ - 0,300 \end{smallmatrix}$	$350 \begin{smallmatrix} + 0,720 \\ - 0,360 \end{smallmatrix}$
Pitch circle diameter	D_3	$300 \pm 0,200$	$400 \pm 0,200$
Fixing hole diameter	D_4	$21 \begin{smallmatrix} + 0,210 \\ 0 \end{smallmatrix}$	$21 \begin{smallmatrix} + 0,210 \\ 0 \end{smallmatrix}$
Bolt head locking surface diameter	D_5	$334 \begin{smallmatrix} + 0,720 \\ - 0,360 \end{smallmatrix}$	$434 \begin{smallmatrix} + 0,840 \\ - 0,400 \end{smallmatrix}$
Number of fixing holes		8	10

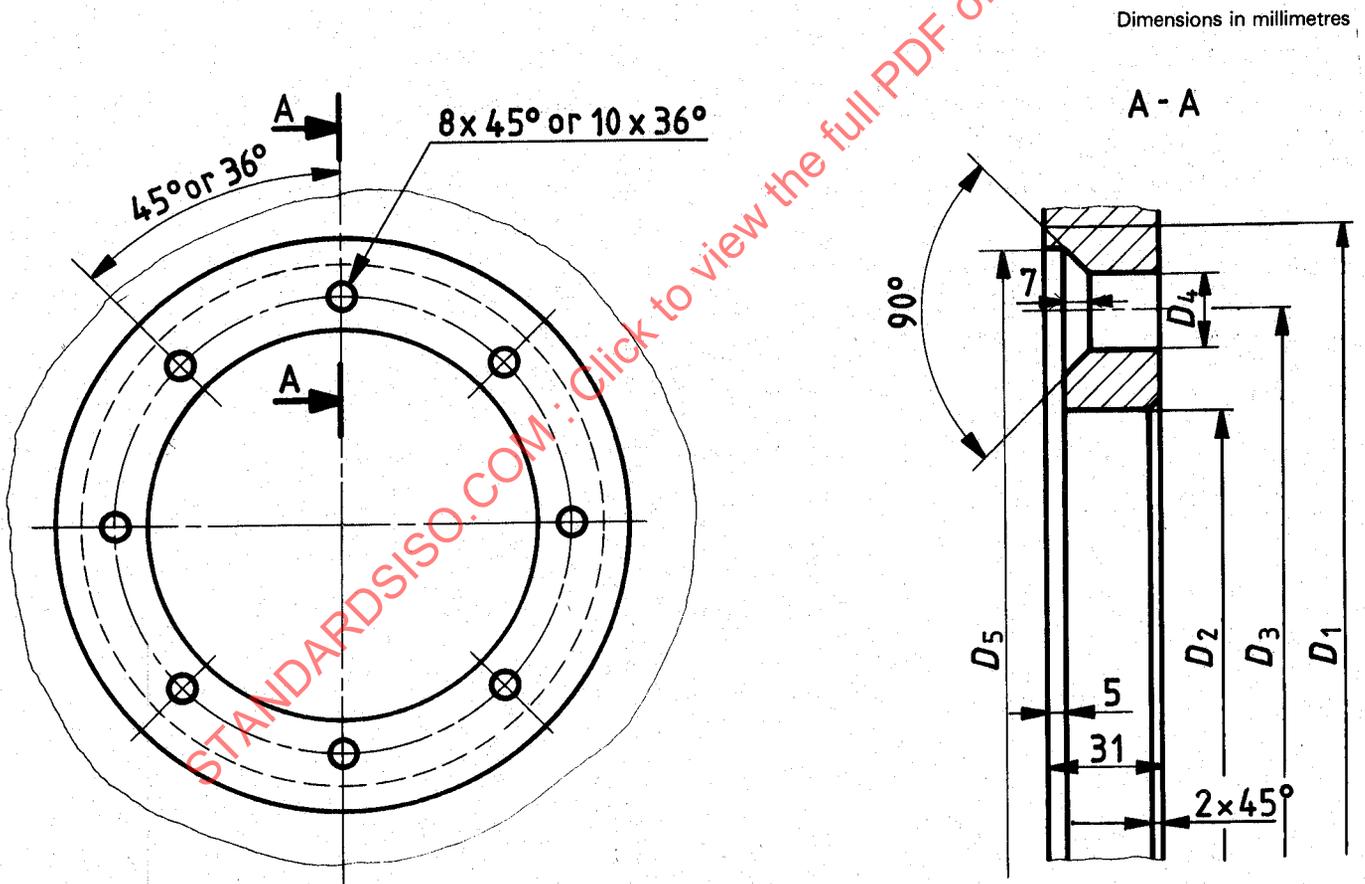


Figure 2 — Dimensions of disc centre plate

2.2 Dimensions of the fixing bolts

The dimensions of the fixing bolts shall be as given in figure 3.

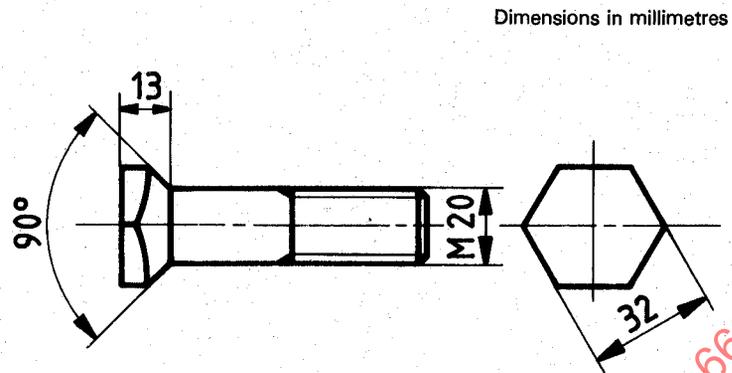


Figure 3 – Dimensions of fixing bolts

3 Disc-to-hub flange fixing

See figure 4.

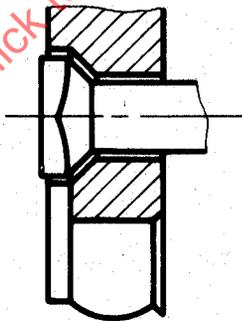


Figure 4 – Disc-to-hub flange fixing

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