

International Standard



7113

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

Machinery for forestry — Brush saws — Saw blades — Dimensions and peripheral speed

Matériel forestier — Débroussailleuses — Lames de scie — Dimensions et vitesse périphérique

First edition — 1982-07-15

iTeh STANDARD PREVIEW
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ISO 7113:1982

<https://standards.iteh.ai/catalog/standards/sist/7e737984-b5c6-4bac-ba80-ba2319775003/iso-7113-1982>

UDC 621.934 : 634.0.36 : 621.93.023

Ref. No. ISO 7113-1982 (E)

Descriptors : agricultural machinery, portable equipment, woodworking, saws, saw brushes, dimensions, dimensional tolerances, safety requirements.

Price based on 1 page

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 7113 was developed by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, and was circulated to the member bodies in January 1981.

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

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Australia	Finland	Pakistan
Austria	France	Portugal
Belgium	India	Romania
Brazil	Iran	Spain
Canada	Italy	Sweden
China	Korea, Dem. P. Rep. of	Turkey
Czechoslovakia	Korea, Rep. of	USSR
Denmark	Mexico	
Egypt, Arab Rep. of	New Zealand	

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

Germany, F. R.
United Kingdom

Machinery for forestry — Brush saws — Saw blades — Dimensions and peripheral speed

1 Scope and field of application

This International Standard lays down the basis dimensions and the peripheral speed of saw blades for portable hand-held brush saws (see ISO 7112).

2 References

ISO/R 286, *ISO system of limits and fits — Part 1: General, tolerances and deviations.*

ISO 7112, *Machinery for forestry — Portable brush saws — Vocabulary.*

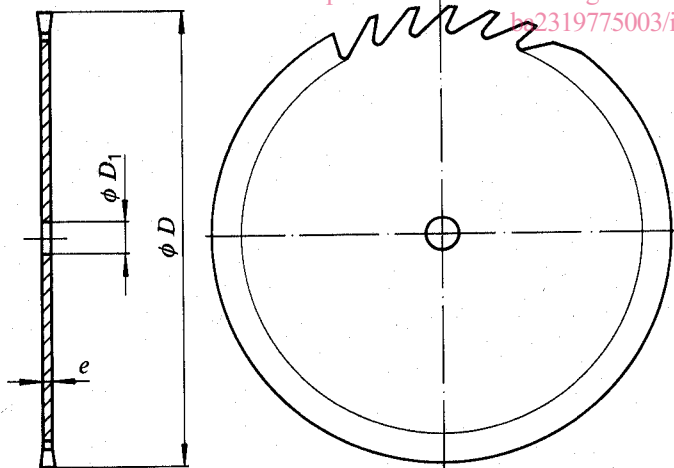
3 Dimensions

The dimensions (see the figure) shall be as given in the table.

NOTE — The saw blades should be fixed to the brush saw with a washer on each side of the blade. The minimum external diameter of the washer should be 40 mm for $D = 175$ or 200 mm, and 60 mm for $D = 225$ or 250 mm.

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Figure

Table

D ± 2	D_1 H11*	e
mm	mm	mm
175	16	1,2
200	20	1,5
225	20	1,8
250	20	1,8

* See ISO/R 286.

4 Peripheral speed

The saw blade shall be capable of withstanding a peripheral speed of at least 125 m/s.

NOTE — Brush saws should not be operated at a peripheral speed higher than 125 m/s.

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