

---

# INTERNATIONAL STANDARD



# 2924

---

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

---

## **Solid and segmental circular saws for cold cutting of metals — Interchangeability dimensions of the drive — Saw diameter range 224 to 2 240 mm**

First edition — 1973-12-01

Sample Document

get full document from [standards.iteh.ai](https://standards.iteh.ai)

---

UDC 621.934

Ref. No. ISO 2924-1973 (E)

**Descriptors :** tools, saws, circular saws, drives, dimensions, interchangeability.

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 2924 was drawn up by Technical Committee ISO/TC 29, *Small tools*, and circulated to the Member Bodies in October 1972.

It has been approved by the Member Bodies of the following countries :

|                |                       |                |
|----------------|-----------------------|----------------|
| Austria        | India                 | Thailand       |
| Belgium        | Israel                | Turkey         |
| Czechoslovakia | Italy                 | United Kingdom |
| France         | Romania               | U.S.S.R.       |
| Germany        | South Africa, Rep. of |                |
| Hungary        | Switzerland           |                |

No Member Body expressed disapproval of the document.

# Solid and segmental circular saws for cold cutting of metals – Interchangeability dimensions of the drive – Saw diameter range 224 to 2 240 mm

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the interchangeability dimensions of the drive of saws for cold cutting of metals.

It applies to all types of circular saws for metal working, both solid saws made from high speed steel and saws with detachable segments.

## 2 REFERENCES

ISO/R 240, *Interchangeability dimensions for milling cutters and cutter arbors or cutter mandrels – Metric series and inch series.*

ISO/R 523, *Recommended range of outside diameters for milling cutters.*

ISO/R 1101, *Tolerances of form and of position – Part 1 : Generalities, symbols, indications on drawings.*

## 3 INTERCHANGEABILITY

The complete range of external diameters  $D$  is subdivided into a number of groups, the ranges of which have been taken from the R 20 series of preferred numbers and that of the diameters recommended in the R 10 series, in compliance with ISO/R 523.

The range of internal diameters  $d$  is taken from ISO/R 240, with the addition of internal diameter 120 mm.