
INTERNATIONAL STANDARD



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Abrasive sheets and abrasive discs – Dimensions

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FOREWORD

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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 2235 was drawn up by Technical Committee ISO/TC 29, *Small tools*.

It was approved in May 1971 by the Member Bodies of the following countries :

Australia	India	New Zealand
Belgium	Israel	Romania
Czechoslovakia	Italy	South Africa, Rep. of
Egypt, Arab Rep. of	Japan	Spain
France	Korea, Dem. P.R. of	Sweden
Germany	Korea, Rep. of	United Kingdom
Hungary	Netherlands	Yugoslavia

The Member Body of the following country expressed disapproval of the document on technical grounds:

Switzerland

Abrasive sheets and abrasive discs – Dimensions

1 SCOPE AND FIELD OF APPLICATION

This International Standard applies to abrasive sheets and abrasive discs intended for use on portable machines; it comprises :

- the designation system and dimensions for abrasive sheets;
- the designation system and dimensions for abrasive discs.

2 ABRASIVE SHEETS

2.1 Designation

Abrasive sheets are designated by the width l and the length L , in that order.

Example of the designation of an abrasive sheet with a width $l = 230$ mm and length $L = 280$ mm :

Abrasive sheet 230 × 280

2.2 Nominal dimensions, in millimetres

2.2.1 Abrasive papers and cloths in sheets

230 × 280

2.2.2 Abrasive papers and cloths in small sheets

70 × 230
93 × 230
140 × 230
115 × 140
115 × 280

3 ABRASIVE DISCS

3.1 Designation

3.1.1 Abrasive discs without holes

An abrasive disc without a hole is designated by its diameter D .

Example of the designation of an abrasive disc without a hole, having an outside diameter $D = 140$ mm :

Abrasive disc D 140

3.1.2 Abrasive discs with round centre holes (with or without slots)

Abrasive discs with holes are designated by the outside diameter D and the diameter of the hole d , in that order.

Example of the designation of an abrasive disc with outside diameter $D = 140$ mm and hole diameter $d = 22$ mm :

Abrasive disc D 140 × 22

3.2 Nominal dimensions, in millimetres

3.2.1 Range of outside diameters D

80 – 100 – 125 – 140 – 150 – 180 – 200 – 235

3.2.2 Range of hole diameters d

8 – 12 – 22 – 40