
INTERNATIONAL STANDARD



5429

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

Coated abrasives — Flap wheels with incorporated flanges or separate flanges — Designation and dimensions

Abrasifs appliqués — Roues à lamelles à flasques incorporés ou amovibles — Désignation et dimensions

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[ISO 5429:1977](https://standards.iteh.ai/catalog/standards/sist/387cf039-e2e2-4a08-abaf-62522b01fac9/iso-5429-1977)

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Descriptors : tools, abrasive flap wheels, wheel disks, specifications, dimensions, designation.

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 5429 was developed by Technical Committee ISO/TC 29, *Small tools*, and was circulated to the member bodies in September 1976.

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

Australia	India	Romania
Belgium	Israel	South Africa, Rep. of
Brazil	Italy	Spain
Bulgaria	Japan	Switzerland
Chile	Korea, Rep. of	Turkey
France	Mexico	United Kingdom
Germany	Netherlands	U.S.S.R.
Hungary	Poland	Yugoslavia

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

Czechoslovakia
U.S.A.

Coated abrasives – Flap wheels with incorporated flanges or separate flanges – Designation and dimensions

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the designation, the outside diameter and the width of the flap wheel, together with the bore diameter of the associated flange, for flap wheels with incorporated flanges or separate flanges.

3 DESIGNATION

The designation of flap wheels with flanges consists, in the following order, of the outside diameter D of the flap wheel followed by the width l of the flap wheel.

Example : Designation of a flap wheel with flanges of outside diameter $D = 150$ mm and of width $l = 50$ mm.

Flap wheel with flanges 150 × 50

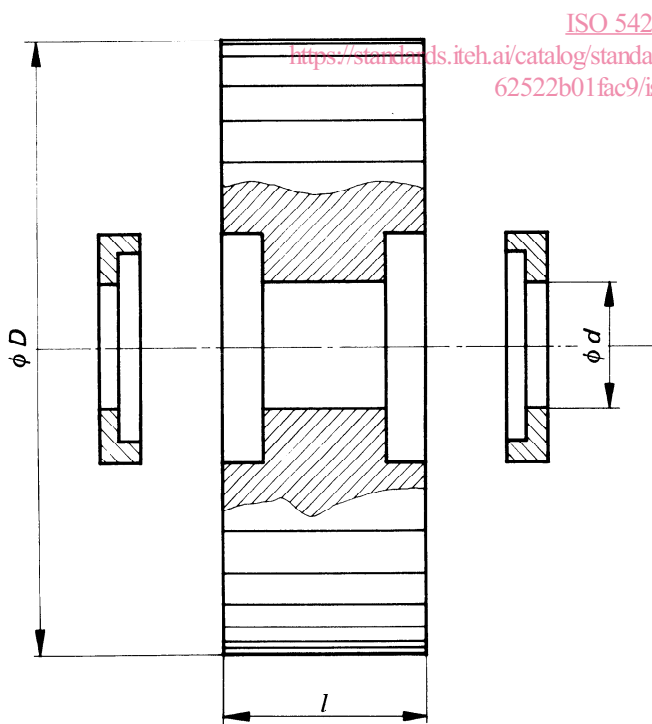
(It should be stated whether the flanges are incorporated or separate.)

2 REFERENCE

ISO 3919, *Coated abrasives – Flap wheels with shafts – Designation and dimensions.*

4 DIMENSIONS

See the figure and table below.



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Dimensions in millimetres

Width l	Outside diameter of flap wheel D						
	150	200	250	300	350	400	500
25	X						
50	X	X	X	X	X	X	
75	X				X	X	
100					X	X	X
Bore diameter of flange, d	32		40				

The sketch of the flange is given for information only, and does not prejudice the shape or the method of attaching the flange and the flap wheel.

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