
International Standard



3919

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

Coated abrasives — Flap wheels with shafts — Designation and dimensions

Abrasifs appliqués — Roues à lamelles sur tiges — Désignation et dimensions

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Descriptors : tools, cutting tools, abrasives, abrasive flap wheels, dimensions, designation.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 3919 was prepared by Technical Committee ISO/TC 29, *Small tools*.

This second edition cancels and replaces the first edition (ISO 3919-1977), the table of dimensions and, in particular, the shaft diameters of which have been technically revised.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Coated abrasives — Flap wheels with shafts — Designation and dimensions

1 Scope and field of application

This International Standard specifies the designation and the dimensions of flap wheels with shafts.

2 Designation

The designation of flap wheels with shafts shall consist, in order, of the following information:

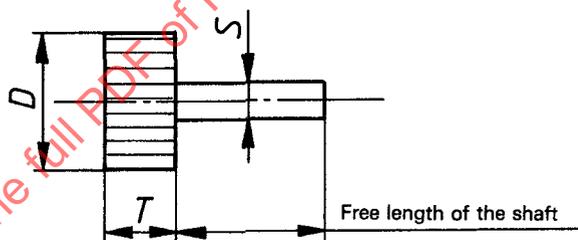
- a) the description;
- b) the reference to this International Standard;
- c) the diameter of the flap wheel, D ;
- d) the width of the flap wheel, T ;
- e) the shaft diameter, S ;
- f) the free length of the shaft.

Example:

Designation of a flap wheel with shaft, with diameter $D = 60$ mm, width $T = 20$ mm, shaft diameter $S = 6$ mm and having a free length of the shaft equal to 40 mm:

Flap wheel with shaft ISO 3919 - 60 × 20 - 6 × 40

3 Dimensions



Dimensions in millimetres

Diameter of the flap wheel, D	Width, T			
	30	40	60	80
10	X			
15		X	X	
20			X	
30			X	X
40				X
50				X
Shaft diameter¹⁾, S	3 ²⁾	3 ²⁾	6	6
Free length of the shaft	25 or 40			

1) The values of 3,15 and 6,3 mm are acceptable for a transitional period.

2) The value of 6 mm (or 6,3 mm) is acceptable in secondary series.