

INTERNATIONAL STANDARD

ISO 3919

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Coated abrasives — Flap wheels with shaft

Abrasifs appliqués — Roues à lamelles sur tige

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Foreword

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ISO 3919 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 5, *Grinding wheels and abrasives*.

This fourth edition cancels and replaces the third edition (ISO 3919:1993), which has been technically revised.

1

Coated abrasives — Flap wheels with shaft

1 Scope

This International Standard specifies the nominal dimensions and limit deviations of flap wheels with shaft for use on hand-held grinding machines. It also specifies the designation and marking of the flap wheels.

2 Requirements

See Figure 1 and Table 1.

3 Designation

Flap wheels with shafts conforming to this International Standard shall be designated by

- a) “Flap wheel with shaft”,
- b) reference to this International Standard, i.e. ISO 3919,
- c) the diameter of the flap wheel, D , in millimetres,
- d) the width of the flap wheel, T , in millimetres,
- e) the shaft diameter, S_d , in millimetres,
- f) the length of the shaft, L , in millimetres.

EXAMPLE A flap wheel with shaft, with diameter $D = 60$ mm, width $T = 20$ mm, shaft diameter $S_d = 6$ mm and $L = 40$ mm is designated as follows:

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

4 Marking

Flap wheels with shaft shall be marked with the following information:

- a) manufacturer, supplier, importer or their registered trademark;
- b) dimensions;
- c) maximum operating speed;
- d) maximum permissible speed of rotation;
- e) grit size.

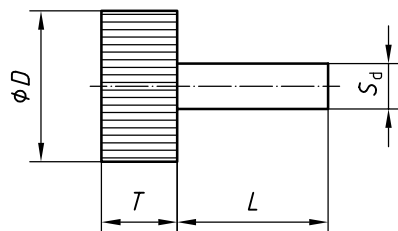


Figure 1

Table 1

Dimensions in millimetres

<i>D</i>	<i>T</i>						<i>S_d</i> h9	<i>L</i> ± 3
	10	15	20	30	40	50		
30	X	X	X	—	—	—	3 or 6	30 or 40
40	—	X	X	—	—	—		
50	—	—	X	X	—	—	6	
60	—	X	X	X	X	—	6	
80	—	—	—	X	X	X	6	

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