

INTERNATIONAL STANDARD

ISO 5223

Third edition
1995-08-15

AMENDMENT 1
1999-12-15

Test sieves for cereals

AMENDMENT 1 Additional sizes

Tamis de contrôle pour céréales
AMENDEMENT 1
Dimensions supplémentaires

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Reference number
ISO 5223:1995/Amd.1:1999(E)

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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 734 10 79
E-mail copyright@iso.ch
Web www.iso.ch

Printed in Switzerland

Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the element of this Amendment may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to International Standard ISO 5223:1995 was prepared by Technical Committee ISO/TC 34, *Agricultural food products*, Subcommittee SC 4, *Cereals and pulses*.

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Test sieves for cereals

AMENDMENT 1 Additional sizes

Page 1, clause 1

Replace the whole clause with the following text.

This International Standard specifies requirements for test sieves to be used for the laboratory determination of undesirable substances in a sample of cereals and which pass through test sieves of the following nominal sizes:

a) test sieves with long rounded apertures:

1,00 mm × 20,0 mm

1,50 mm × 20,0 mm

1,60 mm × 20,0 mm

1,70 mm × 20,0 mm

1,80 mm × 20,0 mm

1,90 mm × 20,0 mm

2,00 mm × 20,0 mm

2,20 mm × 20,0 mm

2,25 mm × 20,0 mm

2,50 mm × 20,0 mm

2,80 mm × 20,0 mm

3,50 mm × 20,0 mm

3,55 mm × 20,0 mm

b) test sieves with round apertures:

diameter 1,40 mm

diameter 1,80 mm

diameter 4,50 mm

Test sieves with long rounded apertures listed in a) are used in particular for separating "shrivelled" kernels from rye, triticale, durum wheat, common wheat and barley. Exceptions are those with apertures of 1,50 mm and 1,60 mm which are used for grading rice, as well as those with apertures of 2,50 mm and 2,80 mm which are usually used for the calibration of malting barley.

Test sieves with rounded apertures of diameter 1,40 mm are used for separating chips (small fragments of kernels) from rice; those with diameter 1,80 mm are used for sorghum; those with diameter 4,50 mm are used for separating broken grains from maize.

Page 2, subclause 4.2.2

Replace the list with the following:

either

- nominal diameter of aperture (w): 1,40 mm,
- aperture tolerance: $\pm 0,08$ mm,
- pitch (centres) (p): 2,6 mm nominal; 3,0 mm max.; 2,2 mm min.

or

- nominal diameter of aperture (w): 4,50 mm,
- aperture tolerance: $\pm 0,14$ mm,
- pitch (centres) (p): 6,3 mm nominal; 7,2 mm max.; 5,3 mm min.

Page 2, Table 1

Replace table 1 with the following table.

Table 1 — Characteristics of test sieves with long rounded apertures and linear perforations

Dimensions in millimetres

Dimensions of apertures				Pitches ¹⁾					Plate thickness
Width	Tolerance on width	Length	Tolerance on length		Normal tolerance	Reduced tolerance		Tolerance	
w_1	$\pm \Delta w_1$	w_2	$\pm \Delta w_2$	p_1	$\pm \Delta p_1$	$\pm \Delta p_1$	p_2	$\pm \Delta p_2$	
1,00	0,03	20,0	0,2	3,0	0,20	0,10	25,0	0,5	0,5 to 0,6
1,50	0,04	20,0	0,2	4,0	0,24	0,12	25,0	0,5	0,8 to 0,9
1,60	0,04	20,0	0,2	4,0	0,24	0,12	25,0	0,5	0,8 to 0,9
1,70	0,04	20,0	0,2	4,0	0,24	0,12	25,0	0,5	0,8 to 0,9
1,80	0,04	20,0	0,2	4,2	0,24	0,12	25,0	0,5	0,8 to 0,9
1,90	0,04	20,0	0,2	4,3	0,24	0,12	25,0	0,5	0,8 to 0,9
2,00	0,04	20,0	0,2	4,5	0,26	0,13	25,0	0,5	0,8 to 0,9
2,20	0,05	20,0	0,2	4,9	0,26	0,13	25,0	0,5	0,8 to 0,9
2,25	0,05	20,0	0,2	4,9	0,26	0,13	25,0	0,5	0,8 to 0,9
2,50	0,05	20,0	0,2	4,9	0,26	0,13	25,0	0,5	0,8 to 0,9
2,80	0,05	20,0	0,2	4,9	0,26	0,13	25,0	0,5	0,8 to 0,9
3,50	0,06	20,0	0,2	6,8	0,34	0,17	25,0	0,5	0,8 to 0,9
3,55	0,06	20,0	0,2	6,8	0,34	0,17	25,0	0,5	0,8 to 0,9

¹⁾ See figure 1.

