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AMENDMENT 1
2008-07-01

Dentistry — Rotary bur instruments —

Part 2: Finishing burs

AMENDMENT 1

Art dentaire — Instruments rotatifs de fraisage —

Partie 2: Fraises à polir

AMENDEMENT 1

Reference number
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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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 elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO 3823-2:2003 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

Dentistry — Rotary bur instruments —

Part 2: Finishing burs

AMENDMENT 1

Page 9, 5.3.5.7, Table 7

Change the value for the dimension d_3 from “0,05 mm” to “0,5 mm”.

In the following tables, add the following colour code in the specified lines:

Page 10, 5.3.6.1, Table 8

Table 8: add a column for colour and modify values as follows:

Designation of nominal diameter	d_1		d_2	l_1	**Number of blades**	**Colour**	l_2 ± 0,5			
(Nominal size)	nom.	tol.	max.	min.	min.		**Shank Type 1 Standard**	**Shank Type 2 Standard**	**Shank Type 3 Standard**	**Shank Type 3 Short**
018	1,8	± 0,08	1,20	1,35	30	white	22,0	44,5	19,0	16,5

Page 13, 5.3.6.4.1, Table 11

Table 11: add a column for colour and modify values as follows:

Designation of nominal diameter	d_1		d_2	l_1	**Number of blades**	**Colour**	l_2 ± 0,5			
(Nominal size)	nom.	tol.	max.	min.	min.		**Shank Type 1 Standard**	**Shank Type 2 Standard**	**Shank Type 3 Standard**	**Shank Type 3 Short**
009	0,9	± 0,05	0,80	3,3	30	white	22,0	—	19,0	—

Page 14, 5.3.6.4.2, Table 12

Table 12: add a column for colour and modify values as follows:

Designation of nominal diameter (Nominal size)	d_1 nom.	d_1 tol.	d_2 max.	l_1 min.	Number of blades min.	Colour	l_2 ± 0,5 Shank Type 1 Standard	l_2 ± 0,5 Shank Type 2 Standard	l_2 ± 0,5 Shank Type 3 Standard	l_2 ± 0,5 Shank Type 3 Short
012	1,2	± 0,08	1,2	8,0	20	yellow	—	—	23,0	—
					30	white				

Page 15, 5.3.6.5, Table 13

Table 13: add a column for colour and modify values as follows:

Designation of nominal diameter (Nominal size)	d_1 nom.	d_1 tol.	d_2 max.	l_1 min.	Number of blades min.	Colour	l_2 ± 0,5 Shank Type 1 Standard	l_2 ± 0,5 Shank Type 2 Standard	l_2 ± 0,5 Shank Type 3 Standard	l_2 ± 0,5 Shank Type 3 Short
014	1,4	± 0,08	1,10	2,6	30	white	22,0	—	19,0	—
018	1,8		1,35	3,0	30	white				
023	2,3		1,45	3,3	20	yellow				
					30	white				

Page 18, 5.3.6.7.1, Table 16

Table 16: add a column for colour and modify values as follows:

Designation of nominal diameter (Nominal size)	d_1 nom.	d_1 tol.	d_2 max.	l_1 min.	Number of blades min.	Colour	l_2 ± 0,5 Shank Type 1 Standard	l_2 ± 0,5 Shank Type 2 Standard	l_2 ± 0,5 Shank Type 3 Standard	l_2 ± 0,5 Shank Type 3 Short
007	0,7	± 0,05	0,68	3,15	20	yellow	22,0	—	19,0	—
					30	white				
009	0,9		0,80	3,15	20	yellow				
					30	white				

Page 22, 5.3.6.9, Table 20

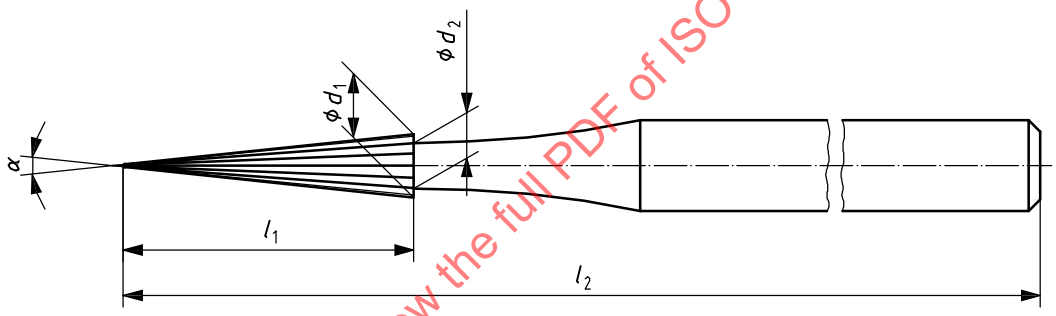
Table 20: add a column for colour and modify values as follows:

Designation of nominal diameter	d_1		d_2	d_3	l_1	Number of blades	Colour	l_2 ± 0,5			
(Nominal size)	nom.	tol.	max.	max.	min.	min.		Shank Type 1 Standard	Shank Type 2 Standard	Shank Type 3 Standard	Shank Type 3 Short
010	1,0	± 0,08	1,0	0,5	4,5	20	yellow	22,0	—	19,0	—
						30	white				

Page 32, 5.3.6.16

After 5.3.6.16, add the following subclause, figure and table:

5.3.6.17 Conical, pointed



α = 6° to 12°

NOTE All instruments should have a smooth, rounded, non-cutting tip.

Figure 35 — Conical, pointed, carbide finishing burs

Table 34 a) — Conical, pointed, carbide finishing burs: dimensions and number of blades

Designation of nominal diameter	d_1		d_2	l_1	Number of blades	Colour	l_2 ± 0,5			
(Nominal size)	nom.	tol.	max.	min.	min.		Shank Type 1 Standard	Shank Type 2 Standard	Shank Type 3 Standard	Shank Type 3 Short
008	0,8	± 0,05	0,70	3,0	8	red	25,0	—	23,0	—
					16	yellow				
					30	white				
010	1,0	± 0,08	0,85	4,2	8	red	—	—	20,0	—
					16	yellow				
					30	white				
014	1,4		1,10	6,0	8	red	23,0	—	21,0	—
					16	yellow				
					30	white				
014	1,4		1,20	9,0	8	red	27,0	—	24,0	—
					16	yellow				
					30	white				

Page 33, 5.6

After 5.6, add the following subclause:

5.7 Colour coding of carbide instruments

Colour coding is provided for carbide instruments. The colour code complements the designation and is commonly used on the instrument itself. The usage of colour coding is optional, at the discretion of the manufacturer. If colour coding is used, the colours shall be those specified in this Amendment [Table 8, Table 11, Table 12, Table 13, Table 16, Table 20, Table 34 a)].

All carbide finishing burs are marked with a colour code at the manufacturer's discretion. Standard finishing burs (fine) shall have a red colour code. Finer colour codes are specified in this Amendment.

Size	Colour
fine	red
extra fine	yellow
ultra fine	white

Page 34, 6.4.2

Replace “Quality 3” by “Grade 3”.