

G 2103

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KS

KOREAN INDUSTRIAL STANDARD

Artists Water Colour Brushes

KS G 2103-1979

Korean National Institute of Technology and Quality

1599 Kwanyang-dong, Tong-an-gu Anyang-shi,
Kyeonggi-do, 431-060 Rep. of Korea

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the original standard in Korean is to be evidence.

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Artists Water Color Brushes

1. Scope

This Korean Industrial Standard specifies the artist water color brushes used to draw and to write.

2. Methods of Manufacturing

- 2.1 The brushes shall be manufactured in accordance with each Table.
- 2.2 The brush hair shall be securely fastened by reinforcement rim, and shall not be taken off. The shape of the brush hair shall be in balance. The tip of round pencil type brushes shall be gathered in a point when wet.
- 2.3 The reinforcement rim shall be screwed on or nailed on to the brush handle. It shall also be manufactured by using the materials specified in each Table of this Standard.
- 2.4 The brush handle shall be finished smoothly, waxed, with shining or with no glossiness. The end of the brush handle shall be blunt. The finishing shall be non-toxic.

3. Marking of the Classification

- 3.1 The brush handle shall bear the following markings after the finishing processes.

- (1) Size in accordance with the concerned Table.
- (2) The manufacturer's signature or its abbreviation.

4. Marking of the Materials Used

- 4.1 The materials used for making brushes shall be marked as to which animal's fur was used, under the agreement between the parties concerned.
- 4.2 "Marten" in this Standard includes Siberian marten and bobbin hair.
- 4.3 In case of using more than one kind of fur, the animal names shall be marked stepwise of weight.
- 4.4 Cow hair in this Standard means brown cow hair.

5. Tolerances

- 5.1 Tolerances of dimension of brush are as follows.
 - Inner diameter of reinforcement rim No.00 to No.7: +5%
 - No.8 and over: +2 1/2%
 - Hair length of the outside of reinforcement rim : +1mm

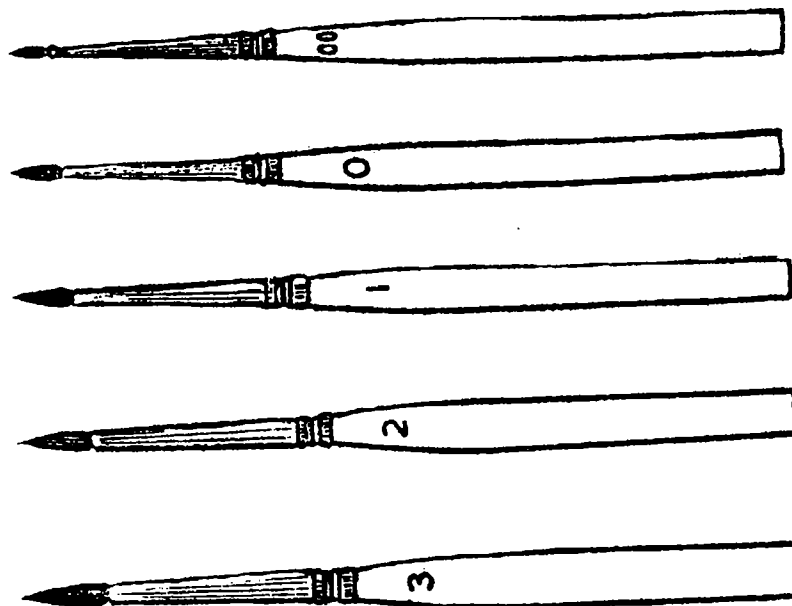
Table 1 Sizes of Pencil Type Soft Brushes with Round Reinforcement RiM

Unit : mm

No.	Smallest inner diameter of the mouth of reinforcement rim	Length of shortest hair from the outside of reinforcement rim	
		Marten hair ⁽¹⁾	Squirrel hair ⁽²⁾
00	1.1	5.5	-
0	1.3	7.0	-
1	1.6	9.0	9.5
2	1.9	10.0	11.0
3	2.2	12.0	12.5
4	2.6	13.5	15.0
5	3.1	15.0	16.5
6	3.6	18.0	18.0
7	4.2	21.5	30.0
8	4.9	23.0	22.0
9	5.6	24.5	24.5
10	6.3	26.0	26.0
11	7.1	27.5	30.0
12	7.8	29.0	40.0

Note ⁽¹⁾ Reinforcement rim for Korean sable(marten) hair is made of aluminum, copper nickel, nickel plated brass.

⁽²⁾ Reinforcement rim for squirrel hair is made of tinkered aluminum or tin plate.



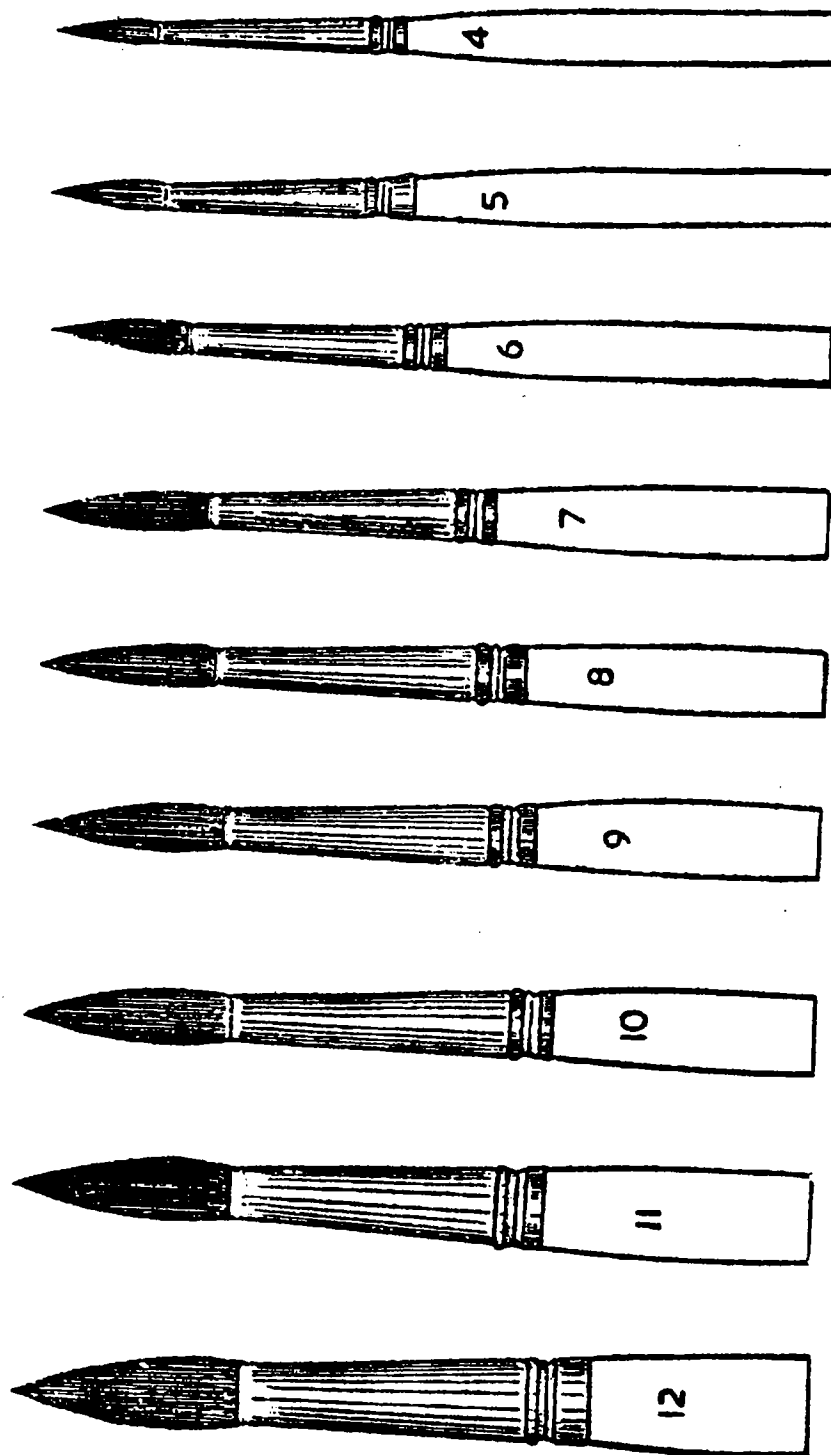


Fig.1 Soft Brushes with Round Reinforcement Rim