INTERNATIONAL STANDARD ISO 2549

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Hand-knotted carpets — Determination of tuft leg length above the woven ground

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FOREWORD

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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.

International Standard ISO 2549 was drawn up by Technical Committee ISO/TC 38, *Textiles.*

It was approved in January 1972 by the Member Bodies of the following countries :

Australia	Hungary	Romania
Belgium	India	South Africa, Rep. of
Brazil	Iran	Spain
Bulgaria	Ireland	Sweden
Czechoslovakia	Israel	Switzerland
Denmark	Japan	Thailand
Egypt, Arab Rep. of	Netherlands	Turkey
Finland	New Zealand	United Kingdom
France	Norway	U.S.A.
Germany	Poland	U.S.S.R.

No Member Body expressed disapproval of the document.

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Hand-knotted carpets — Determination of tuft leg length above the woven ground

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies a method for the determination of tuft leg length above the woven ground and is applicable to all kinds of hand-knotted carpets.

2 DEFINITION

tuft leg length : The length of one leg of a tuft from the point where it emerges from the woven ground to its free extremity.

3 PRINCIPLE

The tuft leg length is found by inserting in the pile, at right angles to the woven ground, flat metal gauges of known height and determining which gauge corresponds to the tuft leg length.

4 APPARATUS

Tuft leg length gauges, i.e. flat strips of metal of specified heights, in intervals of 1 mm (see Figure).

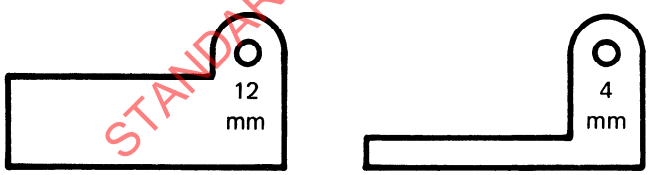

FIGURE — **Tuft leg length gauges**

5 PROCEDURE

5.1 Insert a gauge between two rows of tuft legs ensuring that firm contact is made with the woven ground. Support the tuft legs into a vertical position with the help of the gauge. By successively using different gauges select the gauge that corresponds to the tuft leg length. Check that this is the nearest gauge by inserting in the same position gauges a unit higher and lower than that selected. Determine the tuft leg length to the nearest millimetre.

5.2 If the carpet, due to its design, contains tuft legs of different lengths, determine the lengths of all level portions.

5.3 Repeat the measurements at varying positions selecting the test locations according to the procedure in ISO . . .[1]. Make at least ten measurements at each pile level.

6 CALCULATION AND EXPRESSION OF RESULTS

Determine the mean tuft leg length for each pile level and quote the results to the nearest millimetre.

7 TEST REPORT

The test report shall include the following particulars :

a) that all measurements were made in accordance with this International Standard;

b) the value of tuft leg length for each measurement made;

c) the mean tuft leg length for each pile level as determined in section 6.

1) At present at the stage of draft proposal.