

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R7

PIPE THREADS
FOR GAS LIST TUBES AND SCREWED FITTINGS
WHERE PRESSURE-TIGHT JOINTS ARE MADE ON THE THREADS
(1/8 inch to 6 inches)

1st EDITION

May 1955

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FOREWORD

This ISO Recommendation No 7 was prepared by Technical Committee ISO/TC 5—Pipes and Fittings—the Secretariat of which is held by the Association Suisse de Normalisation.

At its first meeting held in Zurich from 28 to 30 May, 1951, this Technical Committee resolved to take the dimensions of the British Standard B.S. 21: 1938 as the basis for threads for gas list tubes and fittings. This decision confirmed the resolution adopted in 1938 by Technical Committee ISA 5 b—Fittings—of the former International Federation of the National Standardizing Associations (ISA).

The study of a proposal was entrusted to Sub-Committee ISO/TC 5/SC 5—Fittings—the Secretariat of which is also held by the Association Suisse de Normalisation. This Sub-Committee met for the first time on 26 October 1951 and adopted the following resolution:

“For the screw threads of gas list tubes and screwed fittings, Sub-Committee ISO/TC 5/SC 5 proposes to adopt a table made up as follows:

1. The drawings of the threads in the Standard B.S. 21: 1938, pages 5 and 6.
2. Column headings corresponding to those of columns 1 and 6 to 11 of table 1, page 8, and of columns 2 to 10 of table 3, page 10, of the Standard B.S. 21: 1938.
3. Numerical values (up to and including 6 inches only) converted into millimetres on the basis of 1 inch = 25.4 mm), these values to be rounded to the nearest thousandth of a millimetre, in the case of the diameters of the threads and to the nearest tenth of a millimetre for the linear dimensions.”

In December 1951, a Draft Proposal based on the foregoing data was distributed to the Members of the Technical Committee. At its second plenary meeting held in Milan from 7 to 10 April 1952, the Technical Committee decided to adopt this Draft Proposal, with a few amendments, as a Draft ISO Recommendation.

This Draft ISO Recommendation (No 14) was submitted to all the ISO Member Bodies on 1 September, 1952, and was approved by the majority. Taking into consideration the observations made by various Member Bodies, Sub-Committee ISO/TC 5/SC 5 (at its Paris meeting of 17 and 18 September 1953) revised the text of the Draft, making certain modifications thereto.

This revised text, which corresponds to that of the present Recommendation, has been approved by the following 25 Member Bodies:

Australia	Hungary	New Zealand
Austria	India	Norway
Belgium	Ireland	Pakistan
Chile	Israel	Portugal
Denmark	Italy	Spain
Finland	Japan	Sweden
France	Mexico	Switzerland
Germany	Netherlands	United Kingdom
		Yugoslavia

The revised text of the Draft ISO Recommendation was submitted by correspondence to the Members of the ISO Council who, in May 1954, decided to accept it as an ISO RECOMMENDATION.