

Transformed

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

**ISO RECOMMENDATION
R 370**

**CONVERSION OF TOLERANCED DIMENSIONS
FROM INCHES INTO MILLIMETRES AND VICE VERSA**

1st EDITION

May 1964

COPYRIGHT RESERVED

The copyright of ISO Recommendations and ISO Standards belongs to ISO Member Bodies. Reproduction of these documents, in any country, may be authorized therefore only by the national standards organization of that country, being a member of ISO.

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations



Documents

Document Sharing Hub

BRIEF HISTORY

The ISO Recommendation R 370, *Conversion of Toleranced Dimensions from Inches into Millimetres and Vice versa*, was drawn up by Technical Committee ISO/TC 3, *Limits and Fits*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

Work on this question by the Technical Committee began in 1953, taking into account the studies which had been made by the former International Federation of the National Standardizing Associations (ISA), and led, in 1962, to the adoption of a Draft ISO Recommendation.

In May 1962, this Draft ISO Recommendation (No. 510) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies:

Australia	Germany	Norway
Austria	Greece	Poland
Belgium	Hungary	Portugal
Burma	India	Romania
Canada	Iran	Spain
Chile	Ireland	Sweden
Czechoslovakia	Italy	Switzerland
Egypt	Japan	Turkey
Finland	Netherlands	United Kingdom
France	New Zealand	Yugoslavia

Two Member Bodies opposed the approval of the Draft:

U.S.A., U.S.S.R.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in May 1964, to accept it as an ISO RECOMMENDATION.

CONTENTS

	Page
1. Purpose	5
2. Generalities	5
3. Conversion of inches into millimetres	6
4. Conversion of millimetres into inches	7
5. Special methods of application	8
Appendix: Conversion tables	
1. Tables for conversion from inches into millimetres	
1.1 Inches in fractions	9
1.2 Inches in decimals and inches	10
2. Tables for conversion from millimetres into inches	11

