

Trans formed

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 262

ISO GENERAL PURPOSE METRIC SCREW THREADS

SELECTED SIZES FOR SCREWS, BOLTS AND NUTS

2<sup>nd</sup> EDITION

September 1969

This second edition supersedes the first edition.

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## BRIEF HISTORY

The ISO Recommendation R 262, *ISO metric screw threads for screws, bolts and nuts (diameter range 6 to 39 mm)*, was drawn up by Technical Committee ISO/TC 1, *Screw threads*, the Secretariat of which is held by the Sveriges Standardiseringskommission (SIS).

Work on this question led to the adoption of a Draft ISO Recommendation.

In May 1960, this Draft ISO Recommendation (No. 298) was circulated to all the ISO Member Bodies for enquiry. It was approved by 31 Member Bodies. No Member Body opposed the approval of the Draft.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in July 1962, to accept it as an ISO RECOMMENDATION.

## BRIEF HISTORY RELATING TO THE 2nd EDITION

In 1967, Technical Committee ISO/TC 1 decided to revise the ISO Recommendation R 262-1962 to give selected sizes for screws, bolts and nuts in the diameter range 1 to 39 mm. A Draft ISO Recommendation was adopted to this effect.

In May 1968, this Draft ISO Recommendation (No. 1500) 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 :

Austria	Israel	South Africa, Rep. of
Belgium	Italy	Spain
Canada	Japan	Sweden
Chile	Korea, Rep. of	Switzerland
Czechoslovakia	Netherlands	Thailand
Cuba	New Zealand	Turkey
Denmark	Norway	U.A.R.
France	Peru	United Kingdom
Germany	Poland	U.S.S.R.
Hungary	Portugal	
India	Romania	

Two Member Bodies opposed the approval of the Draft :

Australia  
U.S.A.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in September 1969, to accept it as a revision of the ISO Recommendation R 262-1962, the title of which is modified as follows : *ISO general purpose metric screw threads – Selected sizes for screws, bolts and nuts*.

This edition (2nd edition) cancels and replaces the first edition of ISO Recommendation R 262-1962.

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## FOREWORD

This document is one of a number of ISO Recommendations specifying ISO general purpose metric screw threads. Related ISO Recommendations are as follows :

ISO/R 68 (2nd edition – 1969), *ISO general purpose screw threads – Basic profile*;

ISO/R 261 (2nd edition – 1969), *ISO general purpose metric screw threads – General plan*;

ISO/R 724, *ISO general purpose metric screw threads – Basic dimensions*.

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**ISO GENERAL PURPOSE METRIC SCREW THREADS****SELECTED SIZES FOR SCREWS, BOLTS AND NUTS****1. SCOPE**

This ISO Recommendation tabulates ISO general purpose metric screw threads for screws, bolts and nuts in the diameter range 1 to 39 mm.

These selected sizes are recommended also for general engineering use.

These screw threads are selected from ISO Recommendation R 261 (see Foreword).

**2. DESIGNATION**

A screw thread taken from this ISO Recommendation should be designated by the letter M followed by the value of the nominal diameter and of the pitch expressed in millimetres and separated by the sign X.

*Example* : M8 X 1

The absence of the indication of pitch means that a coarse pitch is specified.

*Example* : M8