

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 300

PART II

ISO IDENTIFICATION CODE FOR ROLLING BEARINGS GROUP IV: TAPERED ROLLER BEARINGS, INCH SERIES

1st EDITION

December 1965

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.

BRIEF HISTORY

The ISO Recommendation R 300/Part II, *ISO Identification Code for Rolling Bearings. Group IV. Tapered Roller Bearings, Inch Series*, was drawn up by Technical Committee ISO/TC 4, *Rolling Bearings*, the Secretariat of which is held by the Sveriges Standardiseringskommision (SIS).

Work on this question by the Technical Committee began in 1956 and led, in 1959, to the adoption of a Draft ISO Recommendation.

In June 1963, this Draft ISO Recommendation (No. 416) was circulated to all the ISO Member Bodies for enquiry. It was approved by the following Member Bodies:

Australia	Greece	Romania
Austria	Hungary	Spain
Belgium	India	Sweden
Canada	Italy	Switzerland
Chile	Japan	United Kingdom
Czechoslovakia	Netherlands	U.S.A.
France	New Zealand	Yugoslavia
Germany	Poland	

One Member Body opposed the approval of the Draft: U.S.S.R.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council which decided, in December 1965, to accept it as an ISO RECOMMENDATION.

CONTENTS

	Page
Introduction	5
1. Section 1: Basic Number	6
1.1 Bore	6
1.2 Type	6
1.2.1 Bearing type symbols	6
1.3 Dimension series (line)	6
1.4 Example	6
2. Section 2: Modification of design	7
2.1 Cage	7
2.2 Bearing ring modification	8
2.2.1 Tapered bore	8
2.2.2 Miscellaneous modifications	8
3. Section 3: Internal fit and tolerances	9
4. Section 4: Lubricants and preservatives	10
5. Section 5: Special requirements	11