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

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Printed in Switzerland

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

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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 Standardiseringskommission (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 Austria Belgium Canada Chile Czechoslovakia France Germany

Greece Hungary India Italy Japan Netherlands New Zealand Poland

Romania Spain Sweden Switzerland United Kingdom U.S.A. Yugoslavia

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.

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R 300/Part II

ISO IDENTIFICATION CODE FOR ROLLING BEARINGS

GROUP IV: TAPERED ROLLER BEARINGS, INCH SERIES

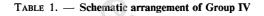
INTRODUCTION

A bearing number in Group IV is divided into five sections, of which Section 1 constitutes the *Basic Number* and should always be shown. Sections 2 to 5 constitute the *Supplementary Number*.

No symbol in Section 1 should be omitted.

When Sections 2 to 5 are not needed, no symbol is shown in any of these sections.

When one or more intermediate sections are not needed, the cage symbol or the letter X is used for Section 2, the figure 0 for Section 3 and the letter X for Section 4, to space the other sections apart. Unused sections that otherwise would end a number are not shown.



		Gro	up IV: Tape	red roller bear	rings, Inch S	eries			
	Basic Number	-	Suplementary Number						
Section 1		Section 2		Section 3		Section 4	Section 5		
Type and boundary dimensions		Modification of design		Internal fit and tolerances		Lubricants	Special		
Bore	Туре	Dimension series (line)	Cage	Bearing ring modification	Internal fit	Tolerances	and preser- vatives	require- ments	
00	AAA	0	Α	A	0	0	Α	000	

- Section 1 (Basic Number) comprises symbols indicating bearing type and main boundary dimensions: bore, outside diameter, inner ring width and bearing width, as shown on page 6.
- Section 2 (Modification of design) establishes suffix letters indicating cage type, tapered bore and other modifications of regular design as shown on pages 7 and 8.
- Section 3 (Internal fit and tolerances) establishes suffix figures indicating data as shown on page 9.
- Section 4 (Lubricants and preservatives) establishes suffix letters to identify types of lubricants and preservatives as shown on page 10.
- Section 5 (Special requirements) establishes suffix figures for specification items as show on page 11 and in Appendix 1 of ISO Recommendation R 300/I, ISO Identification Code for Rolling Bearings.