

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 464

ROLLING BEARINGS
BEARINGS WITH LOCATING SNAP RING
DIMENSIONS

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.

BRIEF HISTORY

The ISO Recommendation R 464, *Rolling Bearings. Bearings with Locating Snap Ring. Dimensions*, was drawn up by Technical Committee ISO/TC 4, *Rolling Bearings*, the Secretariat of which is held by the Sveriges Standardiseringskommission (SIS).

This ISO Recommendation cancels and replaces section 4 of the ISO Recommendation R 15-1955, *Ball and Roller Bearings*.

Work on this question by the Technical Committee began in 1956 and led, in 1962, to the adoption of a Draft ISO Recommendation.

In October 1962, this Draft ISO Recommendation (No. 360) was circulated to all the ISO Member Bodies for enquiry. It was approved by the following Member Bodies:

Australia	France	Romania
Austria	Germany	Spain
Belgium	Hungary	Sweden
Brazil	India	Switzerland
Bulgaria	Ireland	United Kingdom
Burma	Italy	U.S.A.
Canada	Japan	U.S.S.R.
Chile	Netherlands	Yugoslavia
Czechoslovakia	New Zealand	

No Member Body opposed the approval of the Draft.

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.

ROLLING BEARINGS
BEARINGS WITH LOCATING SNAP RING
DIMENSIONS

The snap ring groove dimensions and the snap ring dimensions are given as follows:

1. Dimension series 18 and 19 pages 4 and 5
 - 1.1 Snap ring groove dimensions
 - 1.2 Snap ring dimensions
2. Diameter series 0, 2, 3 and 4 pages 6 and 7
 (except dimensions series 00, 82 and 83)
 - 2.1 Snap ring groove dimensions
 - 2.2 Snap ring dimensions.

The following symbols are used:

D	=	bearing outside diameter
D_1	=	snap ring groove diameter
D_2	=	outside diameter of snap ring
a	=	snap ring groove location
b	=	snap ring groove width
e	=	snap ring section height
f	=	snap ring thickness
g	=	snap ring gap
r_o	=	fillet radii at snap ring groove bottom

