

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 355

PART III

ROLLING BEARINGS

TAPERED ROLLER BEARINGS
BOUNDARY DIMENSIONS

METRIC SERIES: DIAMETER SERIES 9 AND 0

1st EDITION

April 1967

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BRIEF HISTORY

The ISO Recommendation R 355, *Part III, Rolling bearings — Tapered roller bearings — Boundary dimensions — Metric series: Diameter series 9 and 0*, 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 1953 and led, in 1963, to the adoption of a Draft ISO Recommendation.

In July 1964, this Draft ISO Recommendation (No. 594) 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	Hungary	Romania
Brazil	India	Spain
Canada	Israel	Sweden
Chile	Italy	Switzerland
Czechoslovakia	Netherlands	U.A.R.
France	Poland	United Kingdom
Germany	Portugal	Yugoslavia

Two Member Bodies opposed the approval of the Draft:

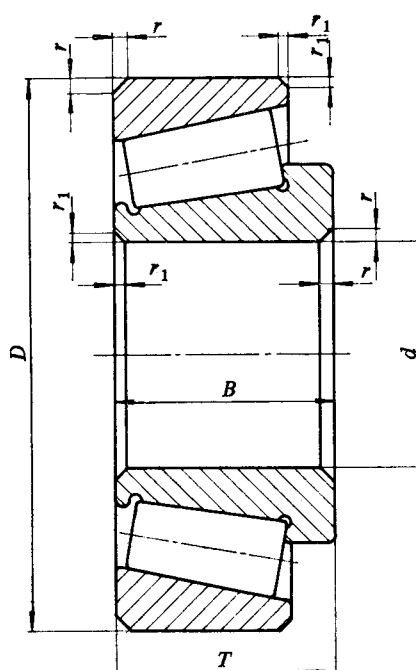
Japan
U.S.S.R.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in April 1967, to accept it as an ISO RECOMMENDATION.

ROLLING BEARINGS
TAPERED ROLLER BEARINGS
BOUNDARY DIMENSIONS

PART III

METRIC SERIES: DIAMETER SERIES 9 AND 0



d = bearing bore diameter

D = bearing outside diameter

B = inner ring width

T = bearing width * (width over bearing rings)

r = chamfer dimension ** (height and width) on inner and outer ring back faces

r_1 = chamfer dimension ** (height and width) on inner and outer ring front faces

* Attention is called to the fact that the cage may project beyond the bearing width.

** Nominal chamfer dimensions do not control the shape of the bearing corner.