

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 355

PART II

ROLLING BEARINGS

TAPERED ROLLER BEARINGS
BOUNDARY DIMENSIONS

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 355, *Rolling Bearings. Tapered Roller Bearings, Boundary Dimensions, Part II*, 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 1958 and led, in 1961, to the adoption of a Draft ISO Recommendation.

In January 1963, this Draft ISO Recommendation (No. 472) was circulated to all the ISO Member Bodies for enquiry. It was approved by the following Member Bodies:

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

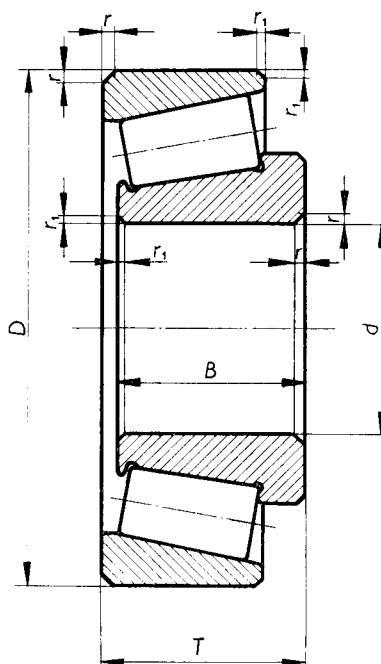
No Member Body opposed the approval of the Draft.

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
TAPERED ROLLER BEARINGS
BOUNDARY DIMENSIONS

PART II

1. METRIC SERIES: EXTENSION OF DIAMETER SERIES 2 AND 3



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.