### ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

# ISO RECOMMENDATION R 1038

iTeh STRALINGABEARINGS EVIEW

(standards.iteh.ai)

CYLINDRICAL ROLLER BEARINGS

https://staRAD.lel.a/Lalabernal./SLEARANCE413a-a656-b8d27c68ef68/iso-r-1038-1969

1st EDITION March 1969

### 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.

7C

### **BRIEF HISTORY**

The ISO Recommendation R 1038, Rolling bearings – Cylindrical roller bearings – Radial internal clearance, 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 led, in 1965, to the adoption of a Draft ISO Recommendation.

In April 1967, this Draft ISO Recommendation (No. 943) 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:

Australia	Hungary	Romania
Austria	India	Sweden
Belgium	Israel	Switzerland
Canada iTeh	STAITALY DARD PRE	Turkey
Chile	Japan	United Kingdom
Czechoslovakia	(stakorea areplot.iteh.ai	U.S.A.
France	Netherlands	U.S.S.R.
Germany	Poland ISO/R 1038:1969	Yugoslavia

No Member Body opposed the approval of the Draft 1038-1069

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in March 1969, to accept it as an ISO RECOMMENDATION.

### **ROLLING BEARINGS**

### CYLINDRICAL ROLLER BEARINGS RADIAL INTERNAL CLEARANCE

#### 1. SCOPE

This ISO Recommendation gives values of radial internal clearance for cylindrical roller bearings with matched and interchangeable sub-units for bearing bore diameters up to and including 500 mm.

The radial clearance is defined in ISO Recommendation R 200, Rolling bearings – Internal clearance in unloaded bearings – Definitions.

### 2. RADIAL CLEARANCE LIMITS

#### TABLE

Clearance values in microns Bearing Group 0 Group 4 Group 2 Group 3 bore (Normal group) Interchangeable C Interchangeable Interchangeable Interchangeable diameter millimetres Matched Matched .iteh. Matched Matched tai incl. low low high high low low high high low low high high low low high high over (10)5 (18)bğø (24)(30)(40)(50)(65)(80)(100)(120)(140)(160)(180)(200)(225)(250)(280)(315)(355)(400)(450)

## iTeh STANDARD PREVIEW (standards.iteh.ai)

ISO/R 1038:1969 https://standards.iteh.ai/catalog/standards/sist/eccb4fb5-81ba-413a-a656-b8d27c68ef68/iso-r-1038-1969