



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS B 1536-2 : 2008

(ISO 3245 : 2007)

(JBIA)

**Rolling bearings — Boundary dimensions
and tolerances of needle roller bearings
— Part 2 : Drawn cup without inner ring**

ICS 21.100.20

Reference number : JIS B 1536-2 : 2008 (E)

PROTECTED BY COPYRIGHT

 **Documents**
Document Sharing Hub

7 S

Date of Establishment: 2008-04-20

Date of Public Notice in Official Gazette: 2008-04-21

Investigated by: Japanese Industrial Standards Committee
Standards Board

Technical Committee on Machine Elements

JIS B 1536-2 : 2008, First English edition published in 2008-10

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

© JSA 2008

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

PROTECTED BY COPYRIGHT

Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Symbols	2
5 Boundary dimensions	3
6 Tolerances	5
6.1 Tolerances for the bore diameter of needle roller complement	5
6.2 Tolerances for the drawn cup width	7
7 Measurement of the smallest single bore diameter of needle roller complement	7

Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal of establishing a Japanese Industrial Standard from the Japan Bearing Industrial Association (JBIA) with a draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

Consequently, **JIS B 1536: 1999** has been withdrawn, one of the separated parts of which is replaced with this Standard.

This **JIS** document is protected by the Copyright Law.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

JIS B 1536 consists of the following 5 parts under the general title “*Rolling bearings — Boundary dimensions and tolerances of needle roller bearings*”:

Part 1 : Dimension series 48, 49 and 69

Part 2 : Drawn cup without inner ring

Part 3 : Radial needle roller and cage assemblies

Part 4 : Thrust needle roller and cage assemblies, thrust washers

Part 5 : Track rollers