

Metric needle roller bearings —

Part 1: Specification for dimensions and tolerances of needle roller bearings: light and medium series

[ISO title: Needle roller bearings — Light and medium series —
Dimensions and tolerances]

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Committees responsible for this British Standard

This British Standard was published under the direction of the Mechanical Engineering Standards Committee MEE/-. Its preparation was entrusted to Technical Committee MEE/30 upon which the following bodies were represented:

- Ball and Roller Bearing Manufacturers' Association
- Engineering Equipment Users' Association
- Institution of Mechanical Engineers
- Institution of Production Engineers
- Machine Tool Industry Research Association
- Ministry of Defence
- National Coal Board
- North East Coast Institution of Engineers and Shipbuilders
- Society of British Aerospace Companies Ltd.

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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
1 Scope and field of application	1
2 References	1
3 Definitions	1
4 Symbols	1
5 Boundary dimensions	2
6 Tolerances	4
Table 1 — Light series	2
Table 2 — Medium series	3
Table 3 — Inner ring	4
Table 4 — Outer ring	4
Table 5 — Needle roller complement bore diameter for bearings without inner ring	5
Publications referred to	Inside back cover

National foreword

This British Standard has been prepared under the direction of the Mechanical Engineering Standards Committee and is one of a series implementing corresponding International Standards in the development of which the United Kingdom has played an active part.

This Part of this British Standard is identical with ISO 1206:1982 “*Needle roller bearings — Light and medium series — Dimensions and tolerances*” prepared by Technical Committee ISO/TC 4, Rolling bearings, of the International Organization for Standardization (ISO). The first edition of BS 5773-1, published in 1979, that implemented ISO 1206:1976, is withdrawn.

As compared with the 1976 edition of ISO 1206, the revised International Standard now relates specifically to light and medium series needle roller bearings, and reference is made to other relevant standards with regard to chamfer dimensions and radial internal clearances. The dimensions and tolerances for heavy series needle roller bearings are specified in ISO 6979:1982 which has been implemented as Part 9 of this British Standard.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Cross-references

International Standard	Corresponding British Standard
ISO 15:1981	BS 6267:1982 <i>Specification for rolling bearings: boundary dimensions for radial bearings</i> (Identical)
ISO 582:1980	BS 5988:1980 <i>Specification for minimum and maximum chamfer dimensions of metric series rolling bearings</i> (Identical) BS 6107 <i>Rolling bearings: tolerances</i>
ISO 1132:1980	Part 1:1981 <i>Glossary of terms</i> (Identical)
ISO 5753:1981	Part 3:1981 <i>Specification for radial internal clearance</i> (Identical)

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.