



BSI Standards Publication

**Rolling bearings — Needle rollers —
Boundary dimensions, geometrical product
specifications (GPS) and tolerance values**

National foreword

This British Standard is the UK implementation of ISO 3096:2018. It supersedes BS ISO 3096:1996, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/7, Rolling bearings.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Rolling bearings — Needle rollers — Boundary dimensions, geometrical product specifications (GPS) and tolerance values

*Roulements — Aiguilles — Dimensions d'encombrement, spécification
géométrique des produits (GPS) et valeurs de tolérance*



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Foreword

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This document was prepared by Technical Committee ISO/TC 4, *Rolling bearings*, Subcommittee SC 5, *Needle, cylindrical and spherical roller bearings*.

This third edition cancels and replaces the second edition ([ISO 3096:1996](#)), which has been technically revised. It also incorporates the Technical Corrigendum [ISO 3096:1996/Cor. 1:1999](#). The main changes compared to the previous edition are as follows:

- Terms, definitions, symbols and dimensional tolerance indications in figures and tables have been revised according to rules of geometrical product specification (GPS) system.
- In [Table 3](#), all dimensions have been added with $D_w = 4,5$ mm and 5,5 mm and with $L_w = 31,8$ mm and 37,8 mm.
- [Annex A](#) has been added.

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