
INTERNATIONAL STANDARD



2983

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Rolling bearings — Locknuts, wide series, and lockwashers with bent inner tab

Roulements — Écrous à encoches, série large, et rondelles-frein à languette intérieure repliée

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Descriptors : rolling bearings, locknuts, lock washers, dimensions, dimensional tolerances.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 2983 was drawn up by Technical Committee ISO/TC 4, *Rolling bearings*, and circulated to the Member Bodies in September 1973.

It has been approved by the Member Bodies of the following countries :

Australia	Netherlands	Thailand
Bulgaria	New Zealand	Turkey
Hungary	Romania	United Kingdom
India	South Africa, Rep. of	U.S.A.
Italy	Spain	Yugoslavia
Japan	Sweden	
Mexico	Switzerland	

The Member Body of the following country expressed disapproval of the document on technical grounds :

France

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1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies dimensions and tolerances for the following locknuts and lockwashers :

1.1 Wide series locknuts for axial location of bearing inner rings on shafts where nuts wider than those specified in ISO 2982 are required.

1.2 Two types of lockwashers with bent inner tab :

- type A with the tab bent outwards from the nut, and
- type B with the tab bent in under the nut.

2 DIMENSIONS

The symbols shown in the illustrations and in the tables denote nominal dimensions.

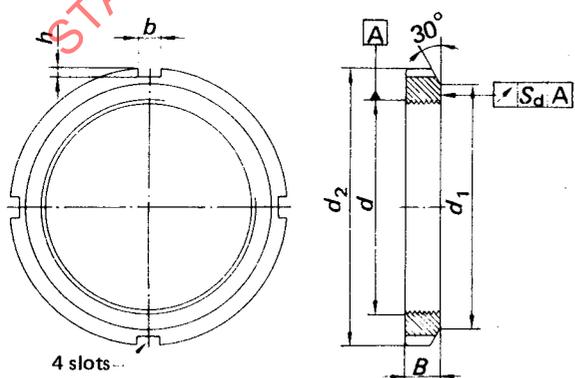


FIGURE 1 – Locknuts

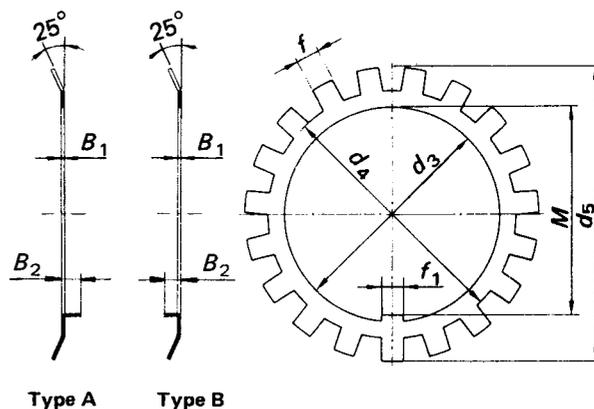


FIGURE 2 – Lockwashers