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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 9160.2-2017

Replacing GB/T 9160.2-2006

**Rolling bearings -- Accessories -- Part 2: Locknuts and locking
devices**

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Foreword

GB/T 9160 "Rolling bearing accessories" is divided into two parts.

- Part 1. adapter sleeve and withdrawal bushing;
- Part 2. Locking nuts and locking devices.

This part is part 2 of GB/T 9160.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part replaces GB/T 9160.2-2006 "Rolling bearing accessories Part 2. Locking nuts and locking devices", and

GB/T 9160.2-2006 compared to the editorial changes, the main technical changes are as follows.

- modified the representation of the code method (see Chapter 5, Chapter 5 of the.2006 edition);
- Removal of lock washers for lock nuts KM42 to KM56 (see Table 1 of the.2006 edition);
- increased reference dimensions for HM and HML series of lock nuts (see Table 4 and Table 5);
- modified material requirements for lock washers and locking cards (see 8.1,.2006, 8.1);
- modified surface roughness requirements for lock washers and locking cards (see Table 13,.2006, Table 13);
- Move the structural drawings and dimensions of the inner jaw lock washers to the appendix (see Appendixes A,.2006, Figures 3 and 5).

Partial use of the re-drafting method Reference ISO 2982-2..2013 "Rolling bearing accessories Part 2. Locking nuts and locking devices

Size ", and ISO 2982-2..2013 consistency degree is not equivalent.

This part is made by the China Machinery Industry Federation.

This part of the National Rolling Bearing Standardization Technical Committee (SAC/TC98) centralized.

This part of the drafting unit. Luoyang Bearing Research Institute Limited.

This part of the main drafters. Song Yu Cong, Ma Suqing.

This part of the previous version of the standard to replace the release of the situation.

--- GB/T 9160.2-2006.

Rolling bearing accessories Part 2.

Locking nuts and locking devices

1 Scope

This part of GB/T 9160 specifies the lock that is used primarily for tightening and retracting bushings and screw shafts according to GB/T 9160.1

Tight nuts and locking device code, dimensions, technical requirements, testing methods, inspection rules and signs and anti-rust packaging.

This part applies to the production, inspection and acceptance of locking nuts and locking devices.

2 normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article

Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 192 General thread basic tooth type

GB/T 196 Common thread basic dimensions

GB/T 272 Rolling bearing code method

GB/T 699 high quality carbon structural steel

GB/T 708 Cold rolled steel sheet and strip size, shape, weight and allowable deviation

GB/T 1800.1 Geometrical product specifications (GPS) Limits and mating - Part 1. Basis for tolerances, deviations and mating

GB/T 2516 General thread limit deviation

GB/T 5796.1 Trapezoidal thread - Part 1. Tooth type

Trapezoidal threads - Part 3. Basic dimensions

Trapezoidal threads - Part 4. Tolerances

GB/T 6930 Rolling bearing vocabulary

Anti - rust packaging for rolling bearings GB/T

Rolling bearing accessories - Part 1. Sleeve and withdrawal bushings GB/T

GB/T 24605 Rolling bearing product mark

Rules for inspection of rolling bearings and their merchandise parts GB/T

3 terms and definitions

The following definitions and definitions as defined in GB/T 6930 apply to this document.

3.1

Locking card lockingclip

Fix the C nut part of the lock nut.

3.2

Locking card component lockingclipassembly

A component consisting of a locking card and a bolt.