

**EHITUSES KASUTATAVAD TUGIOSAD. OSA 10:
ÜLEVAATUS JA HOOLDAMINE**

**Structural Bearings - Part 10: Inspection and
maintenance**

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

See Eesti standard EVS-EN 1337-10:2003 sisaldab Euroopa standardi EN 1337-10:2003 ingliskeelset teksti.	This Estonian standard EVS-EN 1337-10:2003 consists of the English text of the European standard EN 1337-10:2003.
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English version

Structural Bearings - Part 10: Inspection and maintenance

Appareils d'appui structuraux - Partie 10: Surveillance

Lager im Bauwesen - Teil 10: Inspektion und
Instandhaltung

This European Standard was approved by CEN on 12 June 2003.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This document (EN 1337-10:2003) has been prepared by Technical Committee CEN /TC 167 "Structural bearings", the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2004, and conflicting national standards shall be withdrawn at the latest by January 2004.

The entire European Standard EN 1337 consists of 11 Parts listed here below:

- Part 1 – General design rules
- Part 2 – Sliding elements
- Part 3 – Elastomeric bearings
- Part 4 – Roller bearings
- Part 5 – Pot bearings
- Part 6 – Rocker bearings
- Part 7 – Spherical and cylindrical PTFE bearings
- Part 8 – Guide bearings and restraint bearings
- Part 9 – Protection
- Part 10 – Inspection and maintenance
- Part 11 – Transport, storage and installation

Annexes A and B are informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard applies to the inspection and maintenance of bearings designed in accordance with EN 1337-1, when used in the construction of bridges or structures requiring similar bearing systems. It presupposes the existence of guidelines for the regular inspection of the whole structure during its service life.

It may also be used as appropriate for the inspection and maintenance of bearings designed and/or installed before the introduction of this European Standard.

This European Standard specifies the aspects of each type of bearing that shall be inspected and recorded. It does not specify permissible values. For these reference shall be made to the relevant parts of this European Standard and to the drawings and design calculations for the bearing and the structure.

NOTE 1 Attention is drawn to the particular necessity for regular inspection and maintenance of bearings as, without such inspection and maintenance, premature failure may occur.

NOTE 2 National regulations may exist on the subjects covered by this European Standard and, therefore, they prevail on it.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 1337-1:2000, *Structural bearings – Part 1: General design rules*.

EN 1337-11: 1997, *Structural bearings – Part 11: Transport, storage and installation*.

3 Definitions and symbols

For the purposes of this European Standard the following terms and definitions apply:

3.1 inspection

regular observation, noting and reporting

3.1.1 regular inspection

close visual inspection without measurements, spaced at equal, reasonably frequent, intervals

3.1.2 principal inspection

similar to a regular inspection but in more detail and including precise measurement

3.2 maintenance

servicing and replacement

3.2.1 servicing

cleaning, greasing, painting and repair of minor defects

3.2.2 replacement

renewal of major parts of a bearing or of the entire bearing