

Vedrud - Sõnastik

Springs - Vocabulary

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 26909:2010 sisaldab Euroopa standardi EN ISO 26909:2010 ingliskeelset teksti.

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English Version

Springs - Vocabulary (ISO 26909:2009)

Ressorts - Vocabulaire (ISO 26909:2009)

Federn - Begriffe (ISO 26909:2009)

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Foreword

The text of ISO 26909:2009 has been prepared by Technical Committee ISO/TC 227 “Springs” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 26909:2010.

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of an identical text or by endorsement, at the latest by October 2010, and conflicting national standards shall be withdrawn at the latest by October 2010.

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Endorsement notice

The text of ISO 26909:2009 has been approved by CEN as a EN ISO 26909:2010 without any modification.

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Introduction

This International Standard provides sufficient terms and definitions relevant to springs to facilitate the discussion of springs among designers, manufacturers and users of springs. The terms identified in this International Standard are applicable to technical documentation for springs.

Terms and definitions from ISO 2162-3 that have not been modified are reproduced in this International Standard.

Certain terms and definitions from ISO 4885 are reproduced in this International Standard.

Terms for materials are not defined in this International Standard to avoid duplication and/or conflict with other International Standards on materials. Terms for non-metallic springs are not within the scope of ISO/TC 227.

Figures relating to the terms are given in Annex A and the grouping of terms is given in Annex B, in order to heighten the understanding of these terms. In particular, the grouping puts the new terms in systematic order.

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Introduction

La présente Norme internationale fournit une quantité suffisante de termes applicables aux ressorts pour faciliter la discussion entre utilisateurs, concepteurs et fabricants de ressorts. Les termes identifiés dans la présente Norme internationale s'appliquent à la documentation technique pour les ressorts.

Les termes et définitions de l'ISO 2162-3 qui n'ont pas été modifiés sont cités tels quel dans la présente Norme internationale.

Certains termes et définitions de l'ISO 4885 sont cités dans la présente Norme internationale.

Afin d'éviter tout conflit et doublon avec des termes d'autres Normes internationales sur les matériaux, les termes concernant les matériaux sont exclus de la présente Norme internationale. Les termes s'appliquant aux ressorts non métalliques ne sont pas couverts par le domaine des travaux de l'ISO/TC 227.

De façon à améliorer la compréhension des termes, des figures correspondant aux termes sont données dans l'Annexe A et la classification des termes est donnée dans l'Annexe B. En particulier, les nouveaux termes sont placés de façon systématique.

Springs — Vocabulary

Ressorts — Vocabulaire

Scope

This International Standard specifies terms and definitions commonly used in the metal springs industry. Specifically, these terms appear in technical product documentation. Heat-treatment and surface-treatment terms pertinent to springs are included.

Terms are grouped into the following seven categories:

- a) general features of springs;
- b) application of springs in machinery and engineering;
- c) layout and nomenclature of springs;
- d) specification requirements;
- e) design and calculation;
- f) manufacturing and processing;
- g) testing and inspection.

The hierarchical structure of terminology in each category is given in Annex B.

Terms and definitions

1 General features of springs

1.1 spring

mechanical device designed to store energy when deflected and to return the equivalent amount of energy when released

Domaine d'application

La présente Norme internationale spécifie les termes et définitions les plus couramment utilisés dans le domaine des ressorts métalliques. Ces termes apparaissent spécifiquement dans la documentation technique du produit. Les termes de traitement thermique et de traitement de surface spécifiques aux ressorts sont inclus.

Les termes sont classés dans les sept catégories suivantes:

- a) caractéristiques générales des ressorts;
- b) application des ressorts dans les machines et l'ingénierie;
- c) modèles et nomenclature de ressorts;
- d) exigences de spécification;
- e) conception et calcul;
- f) fabrication et traitement;
- g) essai et contrôle.

La structure hiérarchique du vocabulaire dans chaque catégorie est donnée dans l'Annexe B.

Termes et définitions

1 Caractéristiques générales des ressorts

1.1 ressort

dispositif mécanique conçu pour emmagasiner de l'énergie lorsqu'il est déformé et en restituer la même quantité lorsqu'il est relâché