

**Cold rolled narrow steel strip for heat treatment
- Technical delivery conditions - Part 4: Spring
steels and other applications**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 10132-4:2000 sisaldab Euroopa standardi EN 10132-4:2000+AC:2002 ingliskeelset teksti.

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This standard is ratified with the order of Estonian Centre for Standardisation dated 08.08.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

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English version

Hot-rolled narrow steel strip for heat treatment –
Technical delivery conditions
Part 4: Spring steels and other applications
(includes Corrigendum AC : 2002)

Feuillards laminés à froid pour traitement thermique – Conditions techniques de livraison – Partie 4: Aciers à ressorts et autres applications (corrigendum AC : 2002 inclus)

Kaltband aus Stahl für eine Wärmebehandlung – Technische Lieferbedingungen – Teil 4: Federstähle und andere Anwendungen (enthält Berichtigung AC : 2002)

This European Standard was approved by CEN on 2000-01-03 and Corrigendum AC on 2002-12-18.

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CEN

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Foreword

This European Standard has been prepared by Technical Committee ECISS/TC 23 "Steels for heat treatment, alloy steels and free-cutting steels - Qualities and dimensions", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by August 2000, and conflicting national standards shall be withdrawn at the latest by August 2000.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

The European Standard EN 10132 "Cold rolled narrow steel strip for heat-treatment - Technical delivery conditions" is subdivided as follows:

- Part 1: General;
- Part 2: Case hardening steels;
- Part 3: Steels for quenching and tempering;
- Part 4: Spring steels and other special applications.

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1 Scope

1.1 This part of EN 10132 applies to

- non-alloy and alloy cold rolled narrow steel strip thicknesses up to 6 mm,
- non-alloy and alloy cold rolled narrow steel strip in the quenched and tempered condition in thicknesses between 0,30 mm and 3,00 mm

for springs and for other special applications.

1.2 This EN 10132-4 is complemented by EN 10132-1.

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.

EN 10020, *Definition and classification of grades of steel*

EN 10132-1, *Cold rolled narrow steel strip for heat treatment - Technical delivery conditions - Part 1: General*

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 10132-1 apply.

4 Classification and designation

4.1 Classification

All steels covered by this European Standard are classified according to EN 10020. Steel grades C55S, C60S, C67S, C75S, C85S, C90S, C100S and C125S are non-alloy special steels, steel grades 48Si7, 56Si7, 51CrV4, 80CrV2, 75Ni8, 125Cr2 and 102Cr6 are alloy special steels.

4.2 Designation

See EN 10132-1.

5 Information to be supplied by the purchaser

See EN 10132-1.