BRITISH STANDARD

BS EN 10132-4:2000

Cold rolled narrow steel strip for heat treatment — Technical delivery conditions —

Part 4: Spring steels and other applications

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ICS 77.140.25

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee ISE/31, Wrought steels, which has the responsibility to:

— aid enquirers to understand the text;

— present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 14, an inside back cover and a back cover.

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English version

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

Feuillards laminés à froid pour traitement thermique - Conditions techniques de livraison - Partie 4: Aciers à ressorts et autres applications

Kaltband aus Stahl für eine Wärmebehandlung - Technische Lieferbedingungen - Teil 4: Federstähle und andere Anwendungen

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Contents

		Page
Foreword		3
1	**Scope**	4
2	**Normative references**	4
3	**Terms and definitions**	4
4	**Classification and designation**	4
4.1	Classification	4
4.2	Designation	4
5	**Information to be supplied by the purchaser**	4
6	**Manufacturing process**	5
7	**Requirements**	5
7.1	General	5
7.2	Method of delivery	5
7.3	Delivery condition	5
7.4	Chemical composition	5
7.5	Mechanical properties	5
7.6	Structure	6
7.7	Surface finish	6
7.8	Dimensions and tolerances on dimensions and shape	6
8	**Inspection**	6
9	**Sampling**	7
10	**Test methods**	7
11	**Labelling, packaging and protection**	7
12	**Retests**	7
Annex A (informative): Technical information on steels for springs and other applications		11
Annex B (informative): List of corresponding former national designations		14

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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*.

EN ISO 6508-1, *Metallic materials - Rockwell hardness test - Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T) (ISO 6508-1:1999)*.

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.

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