
>Y_`Yb]`y] b_]!'%'XY. `b] b_]`nUgd`cýbc`i dcfUWc

Steel wire nails - Part 1: Loose nails for general applications

Nägel aus Stahldraht - Teil 1: Lose Nägel für allgemeine Verwendungszwecke

Pointes en fil d'acier - Partie 1: Pointes pour usage général

Ta slovenski standard je istoveten z: EN 10230-1:1999

[SIST EN 10230-1:2000](https://standards.iteh.ai/catalog/standards/sist/7b5d1229-416c-44ee-91f9-7f0816547f89/sist-en-10230-1-2000)

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ICS:

21.060.50	Zaãã à ã	Pins, nails
77.140.65	Jeklene žice, jeklene vrvi in verige	Steel wire, wire ropes and link chains

SIST EN 10230-1:2000

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 10230-1

November 1999

ICS 21.060.50

English version

Steel wire nails - Part 1: Loose nails for general applications

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Nägel aus Stahldraht - Teil 1: Lose Nägel für allgemeine Verwendungszwecke

This European Standard was approved by CEN on 3 October 1999.

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

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Standard Preview
This document is a preview of the standard
SIST EN 10230-1:2000
It is not intended for use as a reference
document.

For more information on this standard
please visit the iTeh website
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Foreword

This European Standard has been prepared by Technical Committee ECISS/TC 30 "Steel wires", the secretariat of which is held by BSI.

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 May 2000, and conflicting national standards shall be withdrawn at the latest by May 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.

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1 Scope

This European Standard specifies requirements for preferred form and dimensions, tolerance on dimensions and surface coating of loose steel wire nails for general applications.

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 10016-1, *Non-alloy steel rod for drawing and/or cold rolling — Part 1: General requirements*

EN 10016-2, *Non-alloy steel rod for drawing and/or cold rolling — Part 2: Specific requirements for general purpose rod*

EN 10016-3, *Non-alloy steel rod for drawing and/or cold rolling — Part 3: Specific requirements for nominal and rimmed substitute low carbon steel rod*

EN 10016-4, *Non-alloy steel rod for drawing and/or cold rolling — Part 4: Non-alloy steel rod for drawing and/or cold rolling*

EN 10021, *General technical delivery conditions for iron and steel*

EN 10204, *Inspection documents*

EN 10218-2, *Steel wire and wire products — General — Part 2: General dimensions and tolerances*

prEN 10244-1, *Steel wire and wire products — Non-ferrous metallic coatings on steel wire — Part 1: General principles*

prEN 10244-2, *Steel wire and wire products — Non-ferrous metallic coatings on steel wire — Zinc and zinc alloy coatings on steel wire*

ISO 2081, *Electroplated coatings of zinc on steel*

3 Symbols

The symbols given in this clause apply to nails according to this European standard. The symbols are illustrated in Figure 1. The following symbols should be used:

- d nominal characteristic dimension
 d_h diameter of head
 l nail length including head and point.

NOTE For spring head twisted shank nails the nail length, l , does not include the head.



Figure 1 — Symbols for nails

4 Definitions

4.1 points:

4.1.1 diamond point:



4.1.2 diamond point offset:



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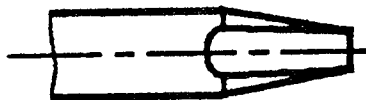
4.1.3 round point:

[SIST EN 10230-1:2000](https://standards.iteh.ai/catalog/standards/sist/7b5d1229-416c-44ee-91f9-7f0816547f89/sist-en-10230-1-2000)

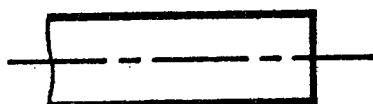
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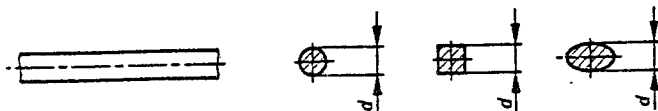
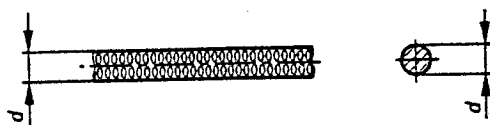
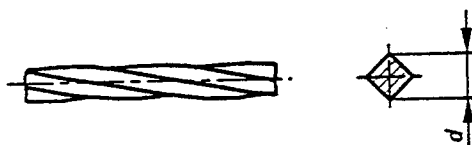


4.1.4 chisel point:

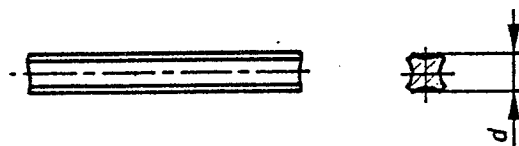


4.1.5 cut point:



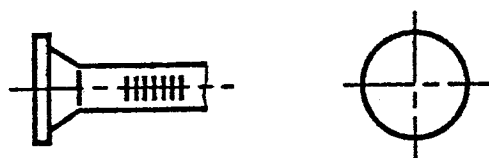
4.2 shanks:**4.2.1 plain shank:****4.2.2 indented shank:****4.2.3 spiral rolled shank:****4.2.4 annular ring rolled shank****4.2.5 square twisted shank:**

4.2.6 grooved shank:

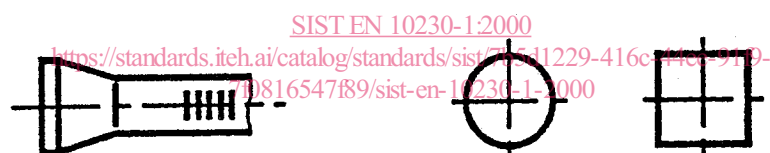


4.3 heads:

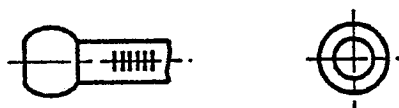
4.3.1 circular flat head:



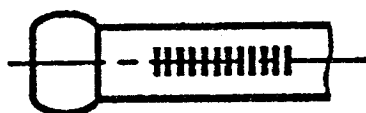
4.3.2 countersunk head:



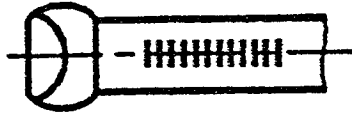
4.3.3 lost round head:



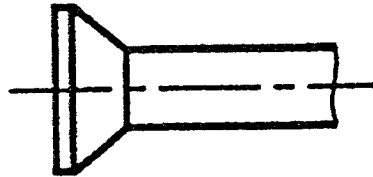
4.3.4 lost oval head:



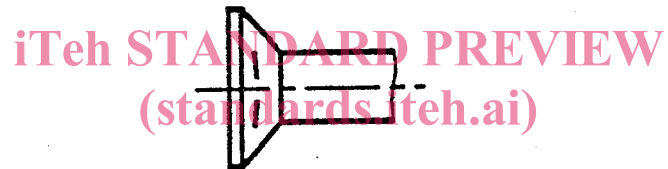
4.3.5 brad oval head:



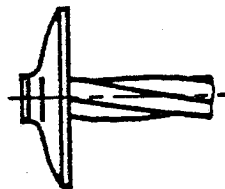
4.3.6 flat countersunk:



4.3.7 cup head:



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4.3.8 spring head: <https://standards.iteh.ai/catalog/standards/sist/7b5d1229-416c-44ee-91f9-7f0816547f89/sist-en-10230-1-2000>

4.3.9 washer head:

