

**Klassifisering av overflatetilstand for
varmvalsede stenger
Tekniske leveringsbetingelser**

Surface quality classes for hot-rolled bars and rods
Technical delivery conditions

Nasjonalt forord

Den engelskspråklige versjonen av europeisk standard EN 10221:1995 er fastsatt som Norsk Standard NS-EN 10221:1996.

National foreword

The English language version of European Standard EN 10221:1995 has been adopted as Norwegian Standard NS-EN 10221:1996.

EUROPEAN STANDARD

EN 10221

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Descriptors: iron- and steel products, hot rolled products, bars, wire rod, surface condition, delivery condition, designation, quality classes, inspection, tests

English version

Surface quality classes for hot-rolled bars and rods - Technical delivery conditions

Classes de qualité de surface des barres et fils machine laminés à chaud - Conditions techniques de livraison

Oberflächengüteklassen für warmgewalzten Stabstahl und Walzdraht - Technische Lieferbedingungen

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European Committee for Standardization
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Foreword

This draft European Standard has been drawn up by a joint working group of ECISS/TC 15 "Wire rod - Qualities, dimensions, tolerances and specific tests" (Secretariat: Italy) and ECISS/TC 23 "Steels for heat treatment, alloy steels and free-cutting steels - Qualities" (Secretariat: Germany).

This European Standard replaces:

prEN 10 163-4 Delivery requirements for surface quality of hot rolled steel products - Part 4: Round bars and wire rod

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of an identical text or by endorsement, at the latest by May 1996, and conflicting national standards shall be withdrawn at the latest by May 1996.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

- 1.1 This European Standard specifies the requirements for the surface quality of hot rolled round bars and rods with nominal diameters of $5 \text{ mm} \leq d_n \leq 150 \text{ mm}$.
- 1.2 By agreement between the manufacturer and purchaser, this European Standard may be applied also for squares, hexagons and octagons.
- 1.3 This European Standard applies particularly for steels for engineering applications, but may by agreement also be applied for general structural steels or tool steels.
- 1.4 This European Standard does not include any requirements for the permissible depth of surface decarburization.