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**FREE-CUTTING STEELS - TECHNICAL  
DELIVERY CONDITIONS FOR  
SEMI-FINISHED PRODUCTS, HOT-ROLLED  
BARS AND RODS**

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Descriptors: iron and steel products, hot-rolled products, metal bars, wire rod, free machining steels, grades:quality, chemical composition, mechanical properties, heat treatment, delivery condition, surface defects, inspection, tests

English version

## Free-cutting steels - Technical delivery conditions for semi-finished products, hot-rolled bars and rods

Aciers de décolletage - Conditions techniques de livraison pour les demi-produits, barres et fils-machine laminés à chaud

Automatenstähle - Technische Lieferbedingungen für Halbzeug, warmgewalzte Stäbe und Walzdraht

This European Standard was approved by CEN on 4 September 1998.

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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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<b>Contents</b>	<b>Page</b>
Foreword	3
1 Scope	4
2 Normative references	4
3 Definitions	5
4 Classification and designation	5
4.1 Classification	5
4.2 Designation	5
5 Information to be supplied by the purchaser	6
5.1 Mandatory information	6
5.2 Options	6
6 Manufacturing process	6
6.1 General	6
6.2 Treatment condition at delivery	7
6.3 Cast separation	7
7 Requirements	7
7.1 Chemical composition and mechanical properties	7
7.2 Weldability	7
7.3 Structure	7
7.4 Internal soundness	7
7.5 Surface quality	7
7.6 Dimensions, tolerances on dimensions and shape	8
8 Inspection and testing	8
8.1 Types and contents of inspection documents	8
8.2 Specific inspection and testing	8
9 Marking	9

<b>Annex A (normative):</b>	<b>Ruling section for the mechanical properties</b>	<b>16</b>
<b>Annex B (normative):</b>	<b>Supplementary or special requirements</b>	<b>18</b>
<b>Annex C (informative):</b>	<b>Bibliography</b>	<b>20</b>
<b>Annex D (informative):</b>	<b>Dimensional standards applicable to products complying with this European Standard</b>	<b>21</b>

## 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.

ECISS/TC 23 met on 1st/2nd July 1997 in Düsseldorf and agreed on the text for submission of this draft European Standard to COCOR-Vote. The following countries were represented in the meeting:

Finland, France, Germany, Italy and United Kingdom.

The United Kingdom issues a non-conflicting national addition which describes a steel used in the United Kingdom but not included in this European Standard.

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 March 1999, and conflicting national standards shall be withdrawn at the latest by March 1999.

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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