

**Technical drawings - Simplified representation
of bars and profile sections**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 5261:2000 sisaldab Euroopa standardi EN ISO 5261:1999 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 11.01.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN ISO 5261:2000 consists of the English text of the European standard EN ISO 5261:1999.

This standard is ratified with the order of Estonian Centre for Standardisation dated 11.01.2000 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.

ICS 01.080.30, 01.100.30

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

Right to reproduce and distribute Estonian Standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without permission in writing from Estonian Centre for Standardisation.

If you have any questions about standards copyright, please contact Estonian Centre for Standardisation:
Aru str 10 Tallinn 10317 Estonia; www.evs.ee; Phone: +372 605 5050; E-mail: info@evs.ee

English version

Technical drawings - Simplified representation of bars and
profile sections (ISO 5261:1995)

Dessins techniques - Représentation simplifiée des barres
et des profilés (ISO 5261:1995)

Technische Zeichnungen - Vereinfachte Angabe von
Stäben und Profilen (ISO 5261:1995)

This European Standard was approved by CEN on 27 May 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.



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

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

Foreword

The text of the International Standard from Technical Committee ISO/TC 10 'Technical drawings, product definition and related documentation' of the International Organization for Standardization (ISO) has been taken over as an European Standard by CEN/CS.

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

Endorsement notice

The text of the International Standard ISO 5261:1995 has been approved by CEN as a European Standard without any modification.

This document is a preview generated by EVS

INTERNATIONAL STANDARD

ISO
5261

Second edition
1995-11-01

This document is a preview generated by EVS

Technical drawings — Simplified representation of bars and profile sections

*Dessins techniques — Représentation simplifiée des barres et des
profilés*



Reference number
ISO 5261:1995(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 5261 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 6, *Mechanical engineering documentation*.

This second edition of ISO 5261 together with ISO 5845-1:1995 cancel and replace ISO 5261:1981, which has been technically revised.

Annex A of this International Standard is for information only.

© ISO 1995

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Introduction

For purposes of uniformity, the figures given in this International Standard are shown in first angle orthographic projection and all the linear dimensions are in millimetres. It is understood that other orthographic projections or units of measure could equally well have been used without prejudice to the principles established. The figures, chosen only to illustrate the text, may be incomplete.

This document is a preview generated by EVS

This document is a preview generated by EVS

This page intentionally left blank

Technical drawings — Simplified representation of bars and profile sections

1 Scope

This International standard specifies rules complementary to ISO 128¹⁾ and ISO 129 for the simplified representation of bars and profile sections in assembly and detail drawings concerning, among others:

- structural metal work consisting of plates and sheets, profile sections and compound elements (including bridges, frameworks, pilings, etc.);
- lifting and transport appliances;
- storage tanks and pressure vessels;
- lifts, moving stairways and conveyor belts.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 128:1982, *Technical drawings — General principles of presentation*.

ISO 10209-1:1992, *Technical product documentation — Vocabulary — Part 1: Terms relating to technical drawings: general and types of drawings*.

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 10209-1 apply.

4 Complementary rules for the simplified representation of bars and profile sections

The simplified representation of bars and profile sections shall consist of their relevant ISO designation followed, if necessary, by the cutting length, separated by a hyphen. This designation may also be used when filling in an item list (see ISO 7573).

EXAMPLE

The simplified representation of an equal leg angle profile in accordance with ISO 657-1, measuring 50 mm × 50 mm × 4 mm and having a cutting length of 1 000 mm shall consist of the following ISO designation:

Angle profile ISO 657-1 - 50 × 50 × 4 - 1 000

If there is no designation specified in an International Standard or other relevant standard, the designation shall be composed of the graphical symbol followed by the necessary dimensions, in accordance with tables 1 and 2.

1) This International Standard is at present under revision.