

## **Construction drawings - Bar scheduling**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 4066:2000 sisaldab Euroopa standardi EN ISO 4066:1999 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 4066:2000 consists of the English text of the European standard EN ISO 4066:1999.

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 01.100.30

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English version

Construction drawings - Bar scheduling (ISO 4066:1994)

Dessins de bâtiment et génie civil - Cahiers de ferrailage  
(ISO 4066:1994)

Zeichnungen für das Bauwesen - Stabliste (ISO 4066:1994)

This European Standard was approved by CEN on 1 July 1999.

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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of an identical text or by endorsement, at the latest by January 2000, and conflicting national standards shall be withdrawn at the latest by January 2000.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 4066:1994 has been approved by CEN as a European Standard without any modification.

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# INTERNATIONAL STANDARD

**ISO  
4066**

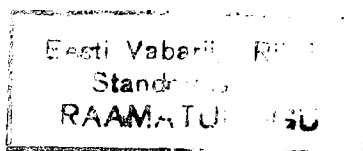
Second edition  
1994-09-01

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## **Construction drawings — Bar scheduling**

*Dessins de bâtiment et génie civil — Cahiers de ferrailage*



Reference number  
ISO 4066:1994(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 4066 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 8, *Construction documentation*.

This second edition cancels and replaces the first edition (ISO 4066:1977), which has been technically revised.

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## Introduction

The purpose of this International Standard is to ensure uniformity of practice in the scheduling of steel bars for the reinforcement of concrete. To establish a clear and unambiguous system for scheduling, it is necessary to specify the method of indicating dimensions to be used and the order in which the information is given on the bar schedule.

As the use of preferred shapes is considered to be very advantageous both for simplifying design and manufacture and for the use of computers, the opportunity has been taken to include a list of preferred shapes and a coding system; the layout of the bar schedule is based on the use of preferred shapes.

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# Construction drawings — Bar scheduling

## 1 Scope

This International Standard establishes a system for the scheduling of reinforcing bars, and comprises

- the method of indicating dimensions;
- a coding system for bar shapes;
- a list of preferred shapes;
- the bar schedule.

This International Standard applies to all types of steel bar for the reinforcement of concrete. It does not apply to steel fabric and prestressing steel reinforcement.

## 2 Indication of bending dimensions

The bending dimensions shall be indicated as shown in figures 1 to 5.

Dimensions shall be outside dimensions, except for radii, and the standard radius of bend shall be the smallest radius permitted by national standards regulations for the size of bar scheduled.

If a national standard specifies different standard radii for different situations, the radius to be used shall be entered in the column  $e/R$ .

Except for shape codes 12, 13, 33, 67 and 77, all bends will be assumed to have standard radii. No dimension shall be zero.

The "free" dimensions shown in brackets shall be available to take up cumulative cutting and bending

tolerances; this dimension need not be shown on schedules.

The total length (cutting length) shall be calculated on the basis of the appropriate bending dimensions with corrections for bends.

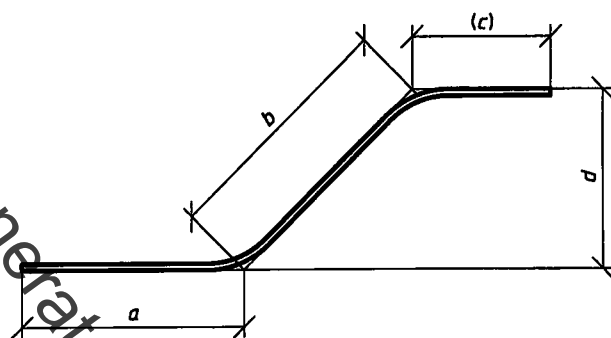


Figure 1 — Bending dimensions — Shape code 26

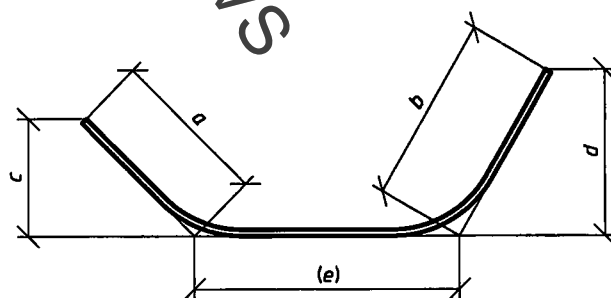


Figure 2 — Bending dimensions — Shape code 25