



**SLOVENSKI STANDARD**  
**SIST EN ISO 3766:2002**  
**01-februar-2002**

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**Construction drawings - Simplified representation of concrete reinforcement (ISO 3766:1995)**

Construction drawings - Simplified representation of concrete reinforcement (ISO 3766:1995)

Zeichnungen für das Bauwesen - Vereinfachte Darstellung von Bewehrungen (ISO 3766:1995)

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Dessins de construction - Représentation simplifiée des armatures de béton (ISO 3766:1995)

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**Ta slovenski standard je istoveten z: EN ISO 3766:1999**

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**ICS:**

01.100.30

01.100.30

Construction drawings

**SIST EN ISO 3766:2002**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 3766

July 1999

ICS 01.100.30

English version

Construction drawings - Simplified representation of concrete  
reinforcement (ISO 3766:1995)

Dessins de construction - Représentation simplifiée des  
armatures de béton (ISO 3766:1995)

Zeichnungen für das Bauwesen - Vereinfachte Darstellung  
von Bewehrungen (ISO 3766:1995)

This European Standard was approved by CEN on 1 July 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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EN ISO 3766:1999

## 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 3766:1995 has been approved by CEN as a European Standard without any modification.

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INTERNATIONAL  
STANDARD

**ISO**  
**3766**

Second edition  
1995-02-15

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**Construction drawings — Simplified  
representation of concrete reinforcement**

**iTeh STANDARD PREVIEW**  
*Dessins de construction — Représentation simplifiée des armatures de  
béton*  
**(standards.iteh.ai)**

[SIST EN ISO 3766:2002](#)

<https://standards.iteh.ai/catalog/standards/sist/59f67726-6bd8-4c63-9707-6aed37f31992/sist-en-iso-3766-2002>



Reference number  
ISO 3766:1995(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 3766 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 3766:1977), which has been technically revised.

Annex A of this International Standard is for information only.

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# Construction drawings — Simplified representation of concrete reinforcement

## 1 Scope



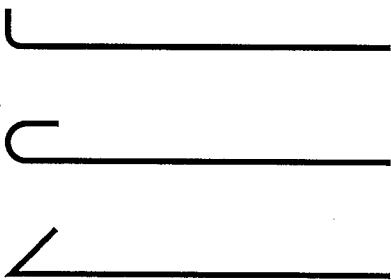
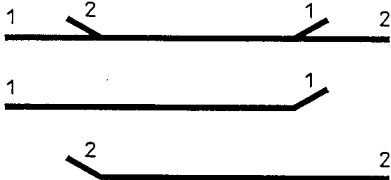
This International Standard specifies the simplified representation of reinforcement in reinforced concrete and in prestressed concrete for use on construction drawings.

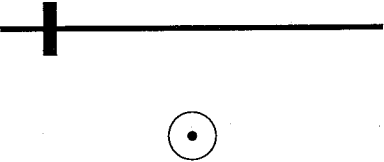

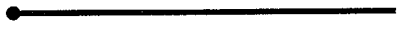
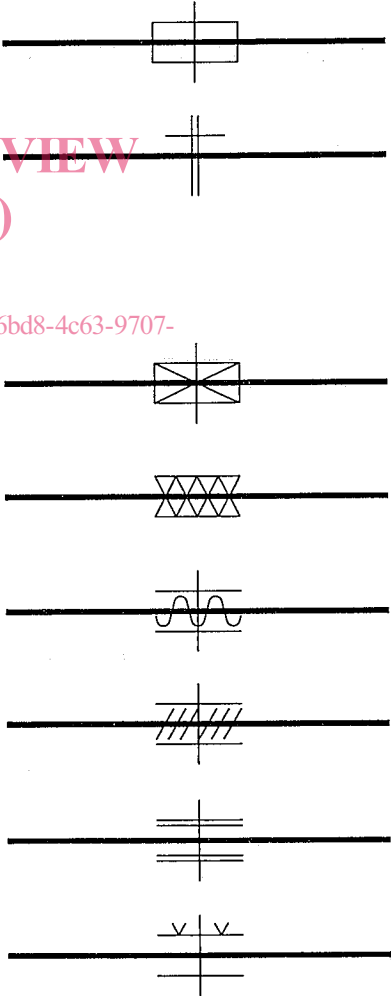

## 2 Ordinary reinforcement (non-prestressed)

Simplified representation of reinforcement in non-prestressed concrete is shown in table 1.

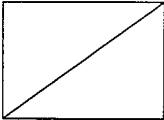
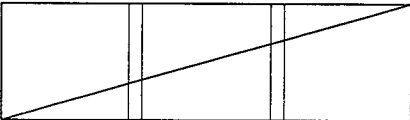
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SIST EN ISO 3766:2002  
**Table 1**

No.	Description	Simplified representation
2.1	Bar, general representation, continuous extra-thick line	
2.2	Section of bar	
2.3	a) Elevation of bar terminating in a 90° bend  b) Elevation of bar terminating in a 180° hook  c) Plan of bar terminating in a bend or hook	
2.4	Bar without end anchorages, if necessary to indicate ends of more than one bar where bars are not separated on the drawing	

No.	Description	Simplified representation
2.5	Anchorage ring or plate a) Elevation or plan view b) End view	
2.6	Bar bent at right angle away from the viewer [but use 2.3 c) for standard end anchorage]	
2.7	Bar bent at right angle towards the viewer [but use 2.3 c) for standard end anchorage]	
2.8	Bars joined by mechanical couplers 2.8.1 General representation a) Tension coupler b) Compression coupler 2.8.2 Specific representation, if required a) Taper-threaded coupler b) Cold-forged ends and parallel threads c) Rolled-on parallel threads d) Parallel threads cut into bar e) Coupler swaged onto bar f) Coupler attached to bar by studs	
2.9	Welded fabric, section	







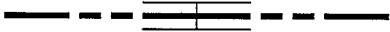
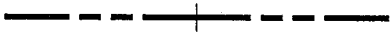


No.	Description	Simplified representation
2.10	Welded fabric, one sheet shown on plan	
2.11	Welded fabric, identical sheets in a row	

### 3 Prestressed reinforcement

Simplified representation of reinforcement in prestressed concrete is shown in table 2.

Table 2

No.	Description	Simplified representation
3.1	Prestressing bar or cable, long chain double-dashed extra-thick line <sup>1)</sup>	
3.2	Section of post-tensioned reinforcement in pipes or conduits	
3.3	Section of prestressed reinforcement	
3.4	Anchorage at tensioning end <sup>1)</sup>	
3.5	Fixed anchorage <sup>1)</sup>	
3.6	End view of anchorage	
3.7	Movable splice <sup>1)</sup>	
3.8	Fixed splice <sup>1)</sup>	

1) When no confusion with ordinary reinforcement can possibly arise, prestressed reinforcement can be drawn with a continuous extra-thick line.