

SVENSK STANDARD

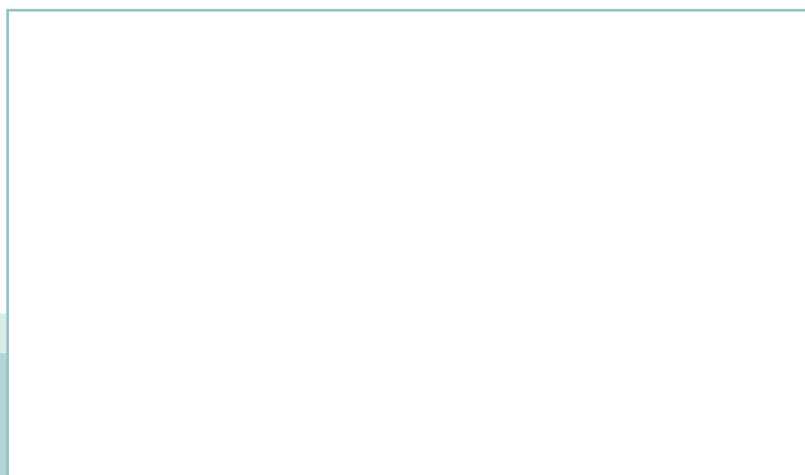
SS-EN ISO 6284



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Byggdokumentation – Redovisning av tillåtna avvikelser (ISO 6284:1996)

Construction drawings – Indication of limit deviations (ISO 6284:1996)



Standarder får världen att fungera

SIS (Swedish Standards Institute) är en fristående ideell förening med medlemmar från både privat och offentlig sektor. Vi är en del av det europeiska och globala nätverk som utarbetar internationella standarder. Standarder är dokumenterad kunskap utvecklad av framstående aktörer inom industri, näringsliv och samhälle och befrämjar handel över gränser, bidrar till att processer och produkter blir säkrare samt effektiviserar din verksamhet.

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Som medlem i SIS har du möjlighet att påverka framtida standarder inom ditt område på nationell, europeisk och global nivå. Du får samtidigt tillgång till tidig information om utvecklingen inom din bransch.

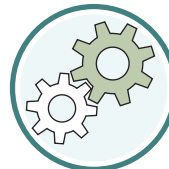
Ta del av det färdiga arbetet

Vi erbjuder våra kunder allt som rör standarder och deras tillämpning. Hos oss kan du köpa alla publikationer du behöver – allt från enskilda standarder, tekniska rapporter och standardpaket till handböcker och onlinetjänster. Genom vår webbtjänst e-nav får du tillgång till ett lättnavigerat bibliotek där alla standarder som är aktuella för ditt företag finns tillgängliga. Standarder och handböcker är källor till kunskap. Vi säljer dem.

Utveckla din kompetens och lyckas bättre i ditt arbete

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Europastandarden SS-EN ISO 6284 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av SS-EN ISO 6284.

Denna standard ersätter SS-ISO 6284, utgåva 1.

The European Standard SS-EN ISO 6284 has the status of a Swedish Standard. This document contains the official English version of SS-EN ISO 6284.

This standard supersedes the Swedish Standard SS-ISO 6284, edition 1.

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Information about the content of the standard is available from the Swedish Standards Institute (SIS), telephone +46 8 555 520 00. Standards may be ordered from SIS Förlag AB, who can also provide general information about Swedish and foreign standards.

Standarden är framtagen av kommittén för Bygg- och förvaltningsdokumentation, SIS/TK 269.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på www.sis.se - där hittar du mer information.

EUROPEAN STANDARD

EN ISO 6284

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1999

ICS 01.100.30

English version

**Construction drawings - Indication of limit deviations (ISO
6284:1996)**

Dessins de génie civil - Indication des écarts limites (ISO
6284:1996)

Zeichnungen für das Bauwesen - Eintragung von
Grenzabmaßen (ISO 6284:1996)

This European Standard was approved by CEN on 11 June 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 6284:1996 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

Construction drawings — Indication of limit deviations

1 Scope

This International Standard specifies methods for the indication of limit deviations on construction drawings.

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 listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 286-1:1988, *ISO system of limits and fits — Part 1: Bases of tolerances, deviations and fits*.

ISO 1803:—¹⁾, *Building construction — Expression of dimensional accuracy — Vocabulary*.

ISO 4068:1978, *Building and civil engineering drawings — Reference lines*.

ISO 9431:1990, *Construction drawings — Spaces for drawing and for text, and title blocks on drawings sheets*.

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 286-1 and ISO 1803 apply.

4 General

A limit deviation shall be indicated on a drawing only when there is a functional requirement to control dimension, orientation or form.

5 Indication of limit deviations

5.1 The following methods shall be used when requirements for accuracy are to be defined by limit deviations.

1) To be published. (Revision of ISO 1803-1:1985, ISO 1803-2:1986 and ISO 4464:1980)

The indication of limit deviations shall be

- a) a single reference in the space for text (see ISO 9431) in the case of repetitive deviations;
- b) placed with, or adjacent to, the caption of the figure when limit deviation information applies only to sizes within that figure (for example, a cross-section detail);
- c) placed with, or adjacent to, the size concerned when limit deviation information applies only to that size.

5.2 Limit deviations for size shall be indicated by the target size and the limit deviations. The target size and the values of limit deviations shall be given in millimetres (see figures 1 and 2). In the case of angles, the target size and the limit deviations should preferably be given in degrees, but may be given, if necessary, in gon.

Limit deviation information which is shown on drawings should be given in accordance with the example shown in figure 1 a) for a symmetrical limit deviation and in accordance with figure 1 b) or figure 1 c) for an asymmetrical limit deviation.

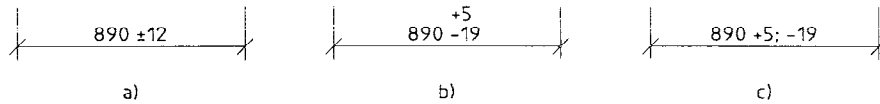


Figure 1 — Examples of indications of limit deviations for size

5.3 Limit deviations for a position dimension are limit deviations for a dimension which locates one item in relation to another, for example, one reference line to another, a component to a reference line [see figure 2a) and ISO 4068] or a finished floor level to a datum level [see figure 2b)].

Levels relate to site zero datum and are given in metres with three digits to the right of the decimal sign.

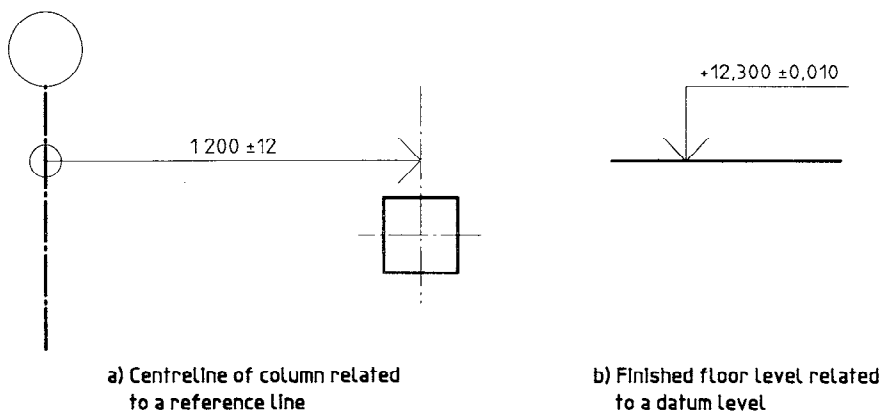


Figure 2 — Examples of limit deviations for position dimensions