

	<b>Technical drawings – General principles of presentation</b> Part 34: Views on mechanical engineering drawings (ISO 128-34 : 2001)	<b>DIN</b> <b>ISO 128-34</b>
--	--	---------------------------------

ICS 01.100.20

Technische Zeichnungen – Allgemeine Grundlagen der Darstellung –  
 Teil 34: Ansichten in Zeichnungen der mechanischen Technik  
 (ISO 128-34 : 2001)

This standard, together with  
 DIN ISO 128-30, May 2002  
 edition, and DIN ISO 5456-2,  
 April 1998 edition, supersedes  
 DIN 6-1, December 1986  
 edition.

This standard incorporates International Standard

ISO 128-34 Technical drawings – General principles of presentation – Part 34: Views on mechanical engineering drawings.

### National foreword

This standard has been prepared by ISO/TC 10 'Technical product documentation', SC 6 'Mechanical engineering documentation'.

The responsible German body involved in its preparation was the *Normenausschuss Technische Grundlagen* (Fundamentals in Technology Standards Committee), Technical Committee *Technisches Zeichnen*.

The DIN Standards corresponding to the International Standards referred to in clause 2 of the ISO Standard are as follows:

ISO Standard	DIN Standard(s)
ISO 128-20	DIN ISO 128-20
ISO 128-24	DIN ISO 128-24
ISO 128-30	DIN ISO 128-30
ISO 129-1	DIN 406-10 and DIN 406-11
ISO 5456-2	DIN ISO 5456-2
ISO 6428	DIN ISO 6428
ISO 10209-1	DIN 199-1

### Amendments

DIN 6-1, December 1986 edition, has been superseded by the specifications of DIN ISO 128-30, DIN ISO 128-34, and DIN ISO 5456-2.

### Previous editions

DIN 36: 1922-10; DIN 6: 1922x-11, 1956-10, 1968-03; DIN 6-1: 1986-12.

Continued overleaf.  
 ISO Standard comprises 15 pages.

## National Annex NA

### Standards referred to

(and not included in **Normative references**)

DIN 199-1	Terminology associated with drawings and item lists – Drawings
DIN 406-10	Engineering drawing practice – Dimensioning – Concepts and general principles
DIN 406-11	Engineering drawing practice – Dimensioning – Principles of application
DIN ISO 128-20	Technical drawings – General principles of presentation – Part 20: Basic conventions for lines (ISO 128-20 : 1996)
DIN ISO 128-30	Technical drawings – General principles of presentation – Part 30: Basic conventions for views (ISO 128-30 : 2001)
DIN ISO 5456-2	Technical drawings – Projection methods – Part 2: Orthographic representations (ISO 5456-2 : 1996)
DIN ISO 6428	Technical drawings – Requirements for microcopying (ISO 6428 : 1982)

# Technical drawings – General principles of presentation

## Part 34: Views on mechanical engineering drawings

### Contents

Page

Foreword.....	2
1 Scope .....	3
2 Normative references .....	3
3 Terms and definitions .....	3
4 Types of lines and their application.....	4
5 Local views.....	4
6 Adjacent parts and contours .....	5
7 Intersections.....	6
8 Square ends on shafts .....	8
9 Interrupted views .....	8
10 Repeated features.....	9
11 Enlarged features.....	10
12 Initial outlines.....	10
13 Bend lines.....	10
14 Slight inclines or curves .....	11
15 Transparent objects .....	11
16 Movable parts.....	12
17 Finished parts and blanks .....	13
18 Parts made from separate, equal elements .....	13
19 Surface pattern.....	14
20 Fibre and rolled directions.....	14
21 Parts with two or more identical views .....	14
22 Mirror-image parts .....	15

## 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

Attention is drawn to the possibility that some of the elements of this part of ISO 128 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 128-34 was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, Subcommittee SC 6, *Mechanical engineering documentation*.

This first edition is based on ISO 128:1982, clause 5, and replaces the rules specified in that clause.

ISO 128 consists of the following parts, under the general title *Technical drawings — General principles of presentation*:

- *Part 1: Introduction and index*
- *Part 20: Basic conventions for lines*
- *Part 21: Preparation of lines by CAD systems*
- *Part 22: Basic conventions and applications for leader lines and reference lines*
- *Part 23: Lines on construction drawings*
- *Part 24: Lines on mechanical engineering drawings*
- *Part 25: Lines on shipbuilding drawings*
- *Part 30: Basic conventions for views*
- *Part 34: Views on mechanical engineering drawings*
- *Part 40: Basic conventions for cuts and sections*
- *Part 44: Sections on mechanical engineering drawings*
- *Part 50: Basic conventions for representing areas on cuts and sections*