

DIN 18202



ICS 91.010.30

Supersedes
DIN 18202:2013-04

**Tolerances in building construction –
Buildings,
English translation of DIN 18202:2019-07**

Toleranzen im Hochbau –
Bauwerke,
Englische Übersetzung von DIN 18202:2019-07

Tolérances dans la construction immobilière –
Bâtiments,
Traduction anglaise de DIN 18202:2019-07

Document comprises 25 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

Contents

	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions.....	5
4 General principles.....	8
5 Tolerances	10
5.1 General	10
5.2 Linear deviations.....	10
5.3 Permitted angular deviations	11
5.4 Permitted flatness deviations	11
5.5 Alignment deviations for columns.....	14
5.6 Joints.....	14
6 Compliance control.....	14
6.1 General	14
6.2 General principles of compliance control	14
6.3 Measuring points.....	15
6.4 Checking the shape	16
6.4.1 Measuring points for dimensions	16
6.4.2 Measuring points for clear dimensions.....	17
6.4.3 Measuring points for opening dimensions	18
6.4.4 Measuring points for angles	18
6.4.5 Measuring points for flatness.....	19
6.5 Checking the position.....	20
6.5.1 Measuring points for dimensions	20
6.5.2 Measuring points for angles	21
6.5.3 Measuring points for the alignment of columns.....	22
Annex A (informative) Explanatory notes	23
A.1 Actual deviations from structural sizes; an explanation of the survey reference system.....	23
A.2 Measuring points; an explanation of the position of measuring points	24
Bibliography	25

Foreword

This document has been prepared by Working Committee NA 005-01-07 AA "Tolerances and fits in building (national mirror committee for sub-sections of ISO/TC 59)" of *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering).

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

Amendments

This standard differs from DIN 18202:2013-04 as follows:

- a) the concept and application of the box principle has been revised and elaborated on;
- b) the function of joints for a fit adjustment at joints has been included;
- c) the measuring points to be used for compliance control have been expanded or revised;
- d) the standard has been editorially revised.

Previous editions

DIN 18201: 1974-06, 1976-04, 1984-12, 1997-04

DIN 18202: 1986-05, 1997-04, 2005-10, 2013-04

DIN 18202-1: 1959-02, 1969-03

DIN 18202-2: 1974-06

DIN 18202-3: 1970-09

DIN 18202-4: 1974-06

Supplement 1 to DIN 18202-4: 1977-08

DIN 18202-5: 1979-10