

ISBN 978-0-626-19103-0

SANS 286-2:1988

Edition 1 and ISO technical corr. 1, nat. amdt 1

ISO 286-2:1988

Edition 1 and technical corr. 1

Any reference to SABS ISO 286-2 is deemed
to be a reference to this standard
(Government Notice No. 1373 of 8 November 2002)

SOUTH AFRICAN NATIONAL STANDARD

ISO system of limits and fits

Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts

This national standard is the identical implementation of ISO 286-2:1988 and ISO technical corr. 1 and is adopted with the permission of the International Organization for Standardization.

Published by Standards South Africa
1 dr lategan road groenkloof ☒ private bag x191 pretoria 0001
tel: 012 428 7911 fax: 012 344 1568 international code + 27 12
www.stansa.co.za
© Standards South Africa

standards
SouthAfrica
(a division of SABS)

SANS 286-2:1988

Edition 1 and ISO technical corr. 1, nat. amdt 1

ISO 286-2:1988

Edition 1 and technical corr. 1

Table of changes

Change No.	Date	Scope
ISO technical corr. 1	2006	Amended to replace the upper limit deviations for tolerance class A13, E8, R10 and to replace the lower limit deviations for tolerance class F9.
Nat. amdt 1	2007	Amended to change the designation from SABS to SANS, with no technical changes.

National foreword

This South African standard was approved by National Committee StanSA TC 5120.61, *Construction standards*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

This part of SANS 286 was published in March 2007. This SANS edition is technically identical to the first SABS edition (SABS ISO 286-2:1988). ISO technical corrigendum 1 and national amendment 1 has been added.



INTERNATIONAL STANDARD ISO 286-2:1988

TECHNICAL CORRIGENDUM 1

Published 2006-09-15

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

ISO system of limits and fits —

Part 2:

Tables of standard tolerance grades and limit deviations for holes and shafts

TECHNICAL CORRIGENDUM 1

Système ISO de tolérances et d'ajustements —

Partie 2: Tables des degrés de tolérance normalisés et des écarts limites des alésages et des arbres

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 286-2:1988 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

ISO 286-2:1988/Cor.1:2006(E)

Page 8, Table 2

For the tolerance class **A 13** in the nominal size range above **315** up to and including **355**, replace the upper limit deviation "+ 2 000" with "+ **2 090**".

Page 9, Table 3

For the tolerance class **E 8** in the nominal size range above **80** up to and including **120**, replace the upper limit deviation "+ 125" with "+ **126**".

Page 17, Table 11

For the tolerance class **R 10** in the nominal size range above **18** up to and including **30**, replace the upper limit deviation "- 10" with "- **28**".

Page 26, Table 20

For the tolerance class **f 9** in the nominal size range above **250** up to and including **315**, replace the lower limit deviation "- 185" with "- **186**".

INTERNATIONAL STANDARD

**ISO
286-2**

First edition
1988-06-01



INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ORGANISATION INTERNATIONALE DE NORMALISATION
МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

ISO system of limits and fits —

Part 2:

**Tables of standard tolerance grades and limit deviations
for holes and shafts**

Système ISO de tolérances et d'ajustements —

*Partie 2: Tables des degrés de tolérance normalisés et des écarts limites des alésages
et des arbres*