

DIN EN ISO 8249



ICS 25.160.40

Supersedes
DIN EN ISO 8249:2000-10

**Welding –
Determination of Ferrite Number (FN) in austenitic and duplex
ferritic-austenitic Cr-Ni stainless steel weld metals (ISO 8249:2018);
English version EN ISO 8249:2018,
English translation of DIN EN ISO 8249:2018-11**

Schweißen –
Bestimmung der Ferrit-Nummer (FN) in austenitischem und ferritisch-austenitischem
(Duplex-)Schweißgut von Cr-Ni-Stählen (ISO 8249:2018);
Englische Fassung EN ISO 8249:2018,
Englische Übersetzung von DIN EN ISO 8249:2018-11

Soudage –
Détermination de l'indice de ferrite (FN) dans le métal fondu en acier inoxydable austénitique
et duplex ferritique-austénitique au chrome-nickel (ISO 8249:2018);
Version anglaise EN ISO 8249:2018,
Traduction anglaise de DIN EN ISO 8249:2018-11

Document comprises 36 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.

National foreword

The text of ISO 8249:2018 has been prepared by IIW “International Institute of Welding” and has been taken over as EN ISO 8249:2018 by Technical Committee CEN/TC 121 “Welding and allied processes” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Schweißen und verwandte Verfahren* (DIN Standards Committee Welding and allied processes), Working Committee NA 092-00-03 AA “Welding consumables (DVS AG W 5)”.

The DIN document corresponding to the international document referred to in this document is as follows:

ISO 525 DIN ISO 525

This document includes a national footnote in A.6.2.

Amendments

This standard differs from DIN EN ISO 8249:2000-10 as follows:

- a) an ISO foreword has been included;
- b) the normative reference to ISO/TR 15510:1997 has been deleted;
- c) Clause 3 “Terms and definitions” has been added;
- d) Clause 4 “Principle” has been added;
- e) the numbering of the tables has been updated;
- f) the Bibliography has been updated;
- g) the standard has been brought in line with the current rules of presentation.

Previous editions

DIN EN ISO 8249: 2000-10

National Annex NA
(informative)

Bibliography

DIN ISO 525, *Bonded abrasive products — General requirements*

— This page is intentionally blank —

English Version

**Welding - Determination of Ferrite Number (FN) in
austenitic and duplex ferritic-austenitic Cr-Ni stainless
steel weld metals (ISO 8249:2018)**

Soudage - Détermination de l'indice de ferrite (FN)
dans le métal fondu en acier inoxydable austénitique et
duplex ferritique-austénitique au chrome-nickel
(ISO 8249:2018)

Schweißen - Bestimmung der Ferrit-Nummer (FN) in
austenitischem und ferritisch-austenitischem (Duplex-)
Schweißgut von Cr-Ni-Stählen (ISO 8249:2018)

This European Standard was approved by CEN on 8 September 2018.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels