

Corrosion of metals and alloys — Stress corrosion testing —

Part 5: Preparation and use of C-ring specimens

The European Standard EN 7539-5:1995 has the status of a
British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Iron and Steel Standards Policy Committee (ISM/-) and Non-ferrous Metals Standards Policy Committee (NFM/-) to Technical Committee ISM/NFM/8, upon which the following bodies were represented:

- Aluminium Federation
- British Gas plc
- British Steel Industry
- Department of Trade and Industry (National Physical Laboratory)
- Department of Transport (Transport and Road Research Laboratory)
- Electricity Supply Industry in England and Wales
- Institution of Corrosion Science and Technology
- Institution of Structural Engineers
- Society of Chemical Industry
- United Kingdom Atomic Energy Authority
- Welding Institute

This British Standard, having been prepared under the direction of the Iron and Steel Standards Policy Committee and the Non-ferrous Metals Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 July 1990

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National foreword

This Part of BS EN ISO 7539 has been prepared under the direction of the Engineering Sector Board. It is identical with ISO 7539-5:1989 *Corrosion of metals and alloys — Stress corrosion testing — Part 5: Preparation and use of C-ring specimens*, published by the International Organization for Standardization (ISO).

BS EN ISO 7539 comprises the following parts:

- *Part 1: General guidance on testing procedures;*
- *Part 2: Preparation and use of bent-beam specimens;*
- *Part 3: Preparation and use of U-bend specimens;*
- *Part 4: Preparation and use of uniaxially loaded tension specimens;*
- *Part 5: Preparation and use of C-ring specimens;*
- *Part 6: Preparation and use of pre-cracked specimens;*
- *Part 7: Slow strain rate testing.*

Cross-references

International Standard	Corresponding British Standard
ISO 7539-1:1987	BS EN ISO 7539 <i>Corrosion of metals and alloys — Stress corrosion testing</i> Part 1:1995 <i>General guidance on testing procedures</i> (Identical)
ISO 7539-6:1989	Part 6:1995 <i>Preparation and use of pre-cracked specimens</i> (Identical)

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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English version

Corrosion of metals and alloys — Stress corrosion testing — Part 5: Preparation and use of C-ring specimens

(ISO 7539-5:1989)

Corrosion des métaux et alliages — Essais de
corrosion sous contrainte —
Partie 5: Préparation et utilisation des
éprouvettes en forme d'anneau en C
(ISO 7539-5:1989)

Korrosion der Metalle und Legierungen —
Prüfung der Spannungsrißkorrosion —
Teil 5: Vorbereitung und Anwendung von
C-ring-Pröben
(ISO 7539-5:1989)

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European Committee for Standardization
Comité Européen de Normalisation
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Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard has been taken over by the Technical Committee CEN/TC 262, Protection of metallic materials against corrosion, from the work of ISO/TC 156, Corrosion of metals and alloys, of the International Organization for Standardization (ISO).

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 November 1995, and conflicting national standards shall be withdrawn at the latest by November 1995.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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