



SLOVENSKI STANDARD

SIST EN 12680-2:2026

01-januar-2026

Livarstvo - Ultrazvočno preskušanje - 2. del: Jekleni ulitki za visoko obremenjene sestavne dele

Founding - Ultrasonic testing - Part 2: Steel castings for highly stressed components

Gießereiwesen - Ultraschallprüfung - Teil 2: Stahlgussstücke für hoch beanspruchte Bauteile

Fonderie - Contrôle par ultrasons - Partie 2: Pièces moulées en acier pour composants fortement sollicités

Ta slovenski standard je istoveten z: EN 12680-2:2025

SIST EN 12680-2:2026

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ICS:

77.040.20	Neporušitveno preskušanje kovin	Non-destructive testing of metals
77.140.80	Železni in jekleni ulitki	Iron and steel castings

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en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 12680-2

November 2025

ICS 77.040.20; 77.140.80

Supersedes EN 12680-2:2003

English Version

**Founding - Ultrasonic testing - Part 2: Steel castings for
highly stressed components**

Fonderie - Contrôle par ultrasons - Partie 2: Pièces
moulées en acier pour composants fortement sollicités

Gießereiwesen - Ultraschallprüfung - Teil 2:
Stahlgussstücke für hoch beanspruchte Bauteile

This European Standard was approved by CEN on 22 September 2025.

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.

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

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

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European foreword

This document (EN 12680-2:2025) has been prepared by Technical Committee CEN/TC 190 “Foundry technology”, the secretariat of which is held by DIN.

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 May 2026, and conflicting national standards shall be withdrawn at the latest by May 2026.

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

This document supersedes EN 12680-2:2003.

Annex D provides details of significant technical changes between EN 12680-2:2025 and EN 12680-2:2003.

Within its programme of work, Technical Committee CEN/TC 190 requested CEN/TC 190/WG 10 “Testing for inner discontinuities” to prepare the following standard:

EN 12680-2, *Founding — Ultrasonic testing — Part 2: Steel castings for highly stressed components*.

This is one of four European Standards for ultrasonic testing. The other standards are:

- EN 12680-1, *Founding — Ultrasonic testing — Part 1: Steel castings for general purposes*.
- EN 12680-3, *Founding — Ultrasonic testing — Part 3: Spheroidal graphite cast iron castings*.
- EN 12680-4, *Founding — Ultrasonic testing — Part 4: Phased array ultrasonic testing of steel castings*.

Annex A is normative. Annex B and Annex C are informative.

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Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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