



# SLOVENSKI STANDARD

## SIST EN 12680-1:2026

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### Livarstvo - Ultrazvočno preskušanje - 1. del: Jekleni ulitki za splošno uporabo

Founding - Ultrasonic testing - Part 1: Steel castings for general purposes

Gießereiwesen - Ultraschallprüfung - Teil 1: Stahlgussstücke für allgemeine Verwendung

Fonderie - Contrôle par ultrasons - Partie 1: Pièces moulées en acier pour usages généraux

Ta slovenski standard je istoveten z: EN 12680-1:2025

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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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English Version

**Founding - Ultrasonic testing - Part 1: Steel castings for  
general purposes**

Fonderie - Contrôle par ultrasons - Partie 1: Pièces  
moulées en acier pour usages généraux

Gießereiwesen - Ultraschallprüfung - Teil 1:  
Stahlgussstücke für allgemeine Verwendung

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

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

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## European foreword

This document (EN 12680-1:2025) 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of an identical text or by endorsement, at the latest by May 2026, and conflicting national standards shall be withdrawn at the latest by May 2026.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 12680-1:2003.

Annex C, Table C.1 provides details of significant technical changes between EN 12680-1:2025 and EN 12680-1:2003.

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 12680-1, *Founding — Ultrasonic testing — Part 1: Steel castings for general purposes*.

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

- EN 12680-2, *Founding — Ultrasonic testing — Part 2: Steel castings for highly stressed components*.
- 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 and Annex B are informative.

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