

STN	Nedeštruktívne skúšanie Ultrazvukové skúšanie pomocou sond Phased Array Slovník (ISO 23243: 2020)	STN EN ISO 23243 01 5049
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Non-destructive testing - Ultrasonic testing with arrays - Vocabulary (ISO 23243:2020)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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**Non-destructive testing - Ultrasonic testing with arrays -
Vocabulary (ISO 23243:2020)**Essais non destructifs - Contrôle à l'aide de réseaux
ultrasonores - Vocabulaire (ISO 23243:2020)Zerstörungsfreie Prüfung - Ultraschallprüfung mit
Arrays - Terminologie (ISO 23243:2020)

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EN ISO 23243:2020 (E)

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European foreword

This document (EN ISO 23243:2020) has been prepared by Technical Committee ISO/TC 135 "Non-destructive testing" in collaboration with Technical Committee CEN/TC 138 "Non-destructive testing" the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by June 2021, and conflicting national standards shall be withdrawn at the latest by June 2021.

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Non-destructive testing — Ultrasonic testing with arrays — Vocabulary

*Essais non destructifs — Contrôle à l'aide de réseaux ultrasonores —
Vocabulaire*



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ISO 23243:2020(E)**Foreword**

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This document was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 3, *Ultrasonic testing*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 138, *Non-destructive testing*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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Introduction

This document follows a structure similar to that in ISO 5577 but only takes into account terms related to ultrasonic arrays.

The general terms already defined in ISO 5577 are also valid for ultrasonic arrays.

Non-destructive testing — Ultrasonic testing with arrays — Vocabulary

1 Scope

This document defines terms used in ultrasonic testing with arrays. This includes phased array technology and signal processing technology using arrays, e. g. the full-matrix capture (FMC) ([3.3.1.28](#)) and the total focusing technique (TFM) ([3.3.1.35](#)).

2 Normative references

koniec náhľadu – text ďalej pokračuje v platenej verzii STN