

INTERNATIONAL STANDARD

ISO
16946

Second edition
2017-03

Non-destructive testing — Ultrasonic testing — Specification for step wedge calibration block

*Essais non destructifs — Essais par ultrasons — Spécifications
relatives aux blocs d'étalonnage à gradins*

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Foreword

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This document was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 3, *Ultrasonic testing*.

This second edition cancels and replaces the first edition (ISO 16946:2015), of which it constitutes a minor revision with the following changes: [ISO 16946:2017](http://www.iso.org/iso/standard/16946-2017)

- a) the normative references have been updated;
- b) [Figure 1](#) has been updated in respect of the tolerances for length and width.

Introduction

A step wedge calibration block is not meant to check an ultrasonic instrument. A step wedge calibration block makes it possible, during practical testing, to check simply, from time to time, the setting of the time base and the sensitivity of the ultrasonic equipment.

Calibration block No. 1 is specified in ISO 2400.

Calibration block No. 2 is specified in ISO 7963.

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