

STN	Lepidlá Stanovenie šmykovej pevnosti anaeróbných lepidiel použitím telesa typu čap-prstenec (ISO 10123: 2013)	STN EN ISO 10123 66 8680
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Adhesives - Determination of shear strength of anaerobic adhesives using pin-and-collar specimens (ISO 10123:2013)

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/19

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English Version

Adhesives - Determination of shear strength of anaerobic adhesives using pin-and-collar specimens (ISO 10123:2013)

Adhésifs - Détermination de la résistance au cisaillement des adhésifs anaérobies sur assemblage type axe-bague (ISO 10123:2013)

Klebstoffe - Bestimmung der Scherfestigkeit von anaeroben Klebstoffen unter Verwendung von Bolzen-Hülse-Probekörpern (ISO 10123:2013)

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EN ISO 10123:2019 (E)

Contents	Page
European foreword.....	3

European foreword

The text of ISO 10123:2013 has been prepared by Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10123:2019 by Technical Committee CEN/TC 193 "Adhesives" the secretariat of which is held by UNE.

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of an identical text or by endorsement, at the latest by December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

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Endorsement notice

The text of ISO 10123:2013 has been approved by CEN as EN ISO 10123:2019 without any modification.

**INTERNATIONAL
STANDARD**

**ISO
10123**

Second edition
2013-11-01

**Adhesives — Determination of shear
strength of anaerobic adhesives using
pin-and-collar specimens**

*Adhésifs — Détermination de la résistance au cisaillement des
adhésifs anaérobies sur assemblage type axe-bague*



Reference number
ISO 10123:2013(E)

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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Principle	1
4 Apparatus	1
5 Preparation of test specimens	2
6 Procedure	2
7 Precision	3
8 Test report	3
Annex A (informative) Example of adaptor for tensile testing machine	7
Bibliography	8

ISO 10123:2013(E)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 61, *Plastics*, Subcommittee SC 11, *Products*.

This second edition cancels and replaces the first edition (ISO 10123:1990), of which it constitutes a minor revision.

Adhesives — Determination of shear strength of anaerobic adhesives using pin-and-collar specimens

SAFETY STATEMENT — Persons using this International Standard should be familiar with normal laboratory practice, if applicable. This International Standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any regulatory requirements.

1 Scope

This International Standard specifies a method for the determination of the shear strength of anaerobic-curing liquid adhesives used for retaining cylindrical assemblies, pin-and-collar type, or for locking and sealing threaded fasteners.

This test method can also be used for other adhesives.

The test is for ranking and quality control of adhesives. The result does not necessarily reflect the performance of the materials in service and the test is not suitable for providing numerical data for design purposes.

NOTE Numerical design data can be obtained from tests using the materials and configurations used in the actual structure.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 683-9, *Heat-treatable steels, alloy steels and free-cutting steels — Part 9: Wrought free-cutting steels*

ISO 7500-1, *Metallic materials — Verification of static uniaxial testing machines — Part 1: Tension/compression testing machines — Verification and calibration of the force-measuring system*

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