Metallic materials - Tube - Ringexpanding test

Ring Och Charles of The Control of t Metallic materials - Tube - Ring-expanding test



# **EESTI STANDARDI EESSÕNA**

### **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN ISO 8495:2004 sisaldab Euroopa standardi EN ISO 8495:2004 ingliskeelset teksti.

This Estonian standard EVS-EN ISO 8495:2004 consists of the English text of the European standard EN ISO 8495:2004.

Käesolev dokument on jõustatud 26.10.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.

This document is endorsed on 26.10.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.

Standard on kättesaadav Eesti standardiorganisatsioonist.

The standard is available from Estonian standardisation organisation.

### Käsitlusala:

# This International Standard specifies a method for a ring-expanding test on tubes, that is used to reveal defects both on the surfaces and within the tube wall by expanding the test piece using a conical mandrel until fracture occurs. It may be also used to assess the ability of tubes to undergo plastic deformation.

## Scope:

This International Standard specifies a method for a ring-expanding test on tubes, that is used to reveal defects both on the surfaces and within the tube wall by expanding the test piece using a conical mandrel until fracture occurs. It nay , tubes t. may be also used to assess the ability of

ICS 77.040.10

Võtmesõnad:

July 2004

040.10

Supersedes EN 10236 : 1993.

Ref. No. EN ISO 8495: 2004 E

### **English version**

# Metallic materials – Tube

Ring-expanding test (ISO 8495: 1998)

Matériaux métalliques - Tubes -Essai de dilatation d'anneaux (ISO 8495 : 1998)

Metallische Werkstoffe - Rohr -Ringaufdornversuch (ISO 8495: 1998)

This European Standard was approved by CEN on 2004-07-01.

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 Management Centre or to any CEN member.

The European Standards exist 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

European Committee for Standardization Comité Européen de Normalisation Europäisches Komitee für Normung

Management Centre: rue de Stassart 36, B-1050 Brussels

Page 2 EN ISO 8495: 2004

### Foreword

International Standard

ISO 8495: 1998 Metallic materials - Tube - Ring-expanding test,

which was prepared by ISO/TC 164 'Mechanical testing of metals' of the International Organization for Standardization, has been adopted by Technical Committee ECISS/TC 29 'Steel tubes and fittings for steel tubes', the Secretariat of which is held by UNI, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by January 2005 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

Hard ISO CONTROL OF THE SOUTH O Endorsement notice

The text of the International Standard ISO 8495: 1998 was approved by CEN as a European Standard without