

Metallic materials - Sheet and strip - Erichsen cupping test (ISO 20482:2013)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 20482:2013 sisaldab Euroopa standardi EN ISO 20482:2013 inglisekeelset teksti.	This Estonian standard EVS-EN ISO 20482:2013 consists of the English text of the European standard EN ISO 20482:2013.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 20.11.2013.	Date of Availability of the European standard is 20.11.2013.
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English Version

Metallic materials - Sheet and strip - Erichsen cupping test (ISO 20482:2013)

Matériaux métalliques - Tôles et bandes - Essai d'emboutissage Erichsen (ISO 20482:2013)

Metallische Werkstoffe - Bleche und Bänder - Tiefungsversuch nach Erichsen (ISO 20482:2013)

This European Standard was approved by CEN on 28 October 2013.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

The text of ISO 20482:2013 has been prepared by Technical Committee ISO/TC 164 "Mechanical testing of metals" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 20482:2013 by Technical Committee ECISS/TC 101 "Test methods for steel (other than chemical analysis)" 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of an identical text or by endorsement, at the latest by May 2014, and conflicting national standards shall be withdrawn at the latest by May 2014.

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Endorsement notice

The text of ISO 20482:2013 has been approved by CEN as EN ISO 20482:2013 without any modification.

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1 Scope

This International Standard specifies a standard test method for determining the ability of metallic sheets and strips having a thickness from 0,1 mm up to 2 mm and a width of 90 mm or greater to undergo plastic deformation in stretch forming.

For materials that are thicker and when only narrower strips are available, tools of specified dimensions are provided, in which case subscripts are used, as shown in [Table 1](#).

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 4287, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Terms, definitions and surface texture parameters*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

through crack

crack that goes through the full thickness of the test piece and is just sufficiently wide to allow light to pass through part of its length

4 Symbols and designations

Symbols and designations used in this International Standard are illustrated by [Figure 1](#) and given in [Table 1](#).