ISO 204:2009-06 (E)

Metallic materials - Uniaxial creep testing in tension - Method of test

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Symbols and designations 5

5 Principle 7

6 Apparatus 7

7 Test pieces 10

8 Test procedure 13

9 Determination of results 14

10 Test validity 14

11 Accuracy of the results 15

12 Test report 15

Annex A (informative) Information concerning different types of thermocouples 21

Annex B (informative) Information concerning methods of calibration of thermocouples 22

Annex C (normative) Creep testing using test pieces with V or blunt circumferential notches 23

Annex D (informative) Method of estimating the uncertainty of the measurement in accordance with the Guide to the expression of uncertainty in measurement (GUM) 26

Annex E (informative) Representation of results and graphical extrapolation 32

Bibliography 40