ISO 2566-2:2021-12 (E)

Steel - Conversion of elongation values - Part 2: Austenitic steels

Contents

Page

Foreword ..... **iv**

Introduction ..... **v**

1 Scope **1**

2 Normative references **1**

3 Terms, definitions and symbols **1**

3.1 Terms and definitions 1

3.2 Symbols 2

4 Basic formula **2**

5 Requirements on conversions **2**

6 Conversion from one proportional gauge length to another proportional gauge length **3**

7 Conversion from one non-proportional gauge length to another non-proportional gauge length for test pieces of equal cross-sectional area **3**

8 Conversion from a non-proportional gauge length to another non-proportional gauge length for test pieces of different cross-sectional areas **4**

9 Conversion from a proportional gauge length to a non-proportional gauge length **4**

9.1 General 4

9.2 Conversion factors from to non-proportional gauge length 4

9.3 Conversion factors from to non-proportional gauge length 7

9.4 Elongation values 10

10 Use of Figures **26**