

ISO 2566-1:2021-12 (E)

Steel - Conversion of elongation values - Part 1: Carbon and low-alloy 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.....	5
	9.3 Conversion factors from to non-proportional gauge length.....	8
	9.4 Elongation values.....	10
10	Use of Figures	26
Bibliography		33