INTERNATIONAL STANDARD ISO 9513:1999
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Metallic materials — Calibration of extensometers used in uniaxial testing

TECHNICAL CORRIGENDUM 1

Matériaux métalliques — Étalonnage des extensomètres utilisés lors d'essais uniaxiaux

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO 9513:1999 was prepared by Technical Committee ISO/TC 164, *Mechanical testing of metals*, Subcommittee SC 1, *Uniaxial testing*.

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Table 2

Table 2 shall appear as shown on page 2.

NOTE — Changes are in row 3, columns 6 and 7 (headings), row 4, column 3 (value) and rows 6 and 7, columns 2 to 6, 8 and 10 (values).

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Figure B.1

See Figure B.1 on page 2.

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Figure B.2

See Figure B.2 on page 3.

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Table 2 — Classification of extensometers

Class of extensometer	**Extensometer** (maximum values)					**Calibration apparatus** (maximum values)			
	Relative error on the gauge length	Resolution[a]		Bias error [a]		Resolution[a]		Bias error[a]	
		Percentage of readings	Absolute value	Relative error	Absolute value	Relative error	Absolute value	Relative error	Absolute value
	q_{Le} %	r/l_i %	r µm	q %	$l_i - l_t$ µm	%	µm	%	µm
0,2	± 0,2	0,10	0,2	± 0,2	± 0,6	0,05	0,1	± 0,06	± 0,2
0,5	± 0,5	0,25	0,5	± 0,5	± 1,5	0,12	0,25	± 0,15	± 0,5
1	± 1,0	0,50	1,0	± 1,0	± 3,0	0,25	0,50	± 0,3	± 1,0
2	± 2,0	1,0	2,0	± 2,0	± 6,0	0,5	1,0	± 0,6	± 2,0
NOTE For small gauge lengths (≤ 25 mm) and for small strains, the user should consider one of the better classes of extensometer.									
[a] Whichever value is the greater.									

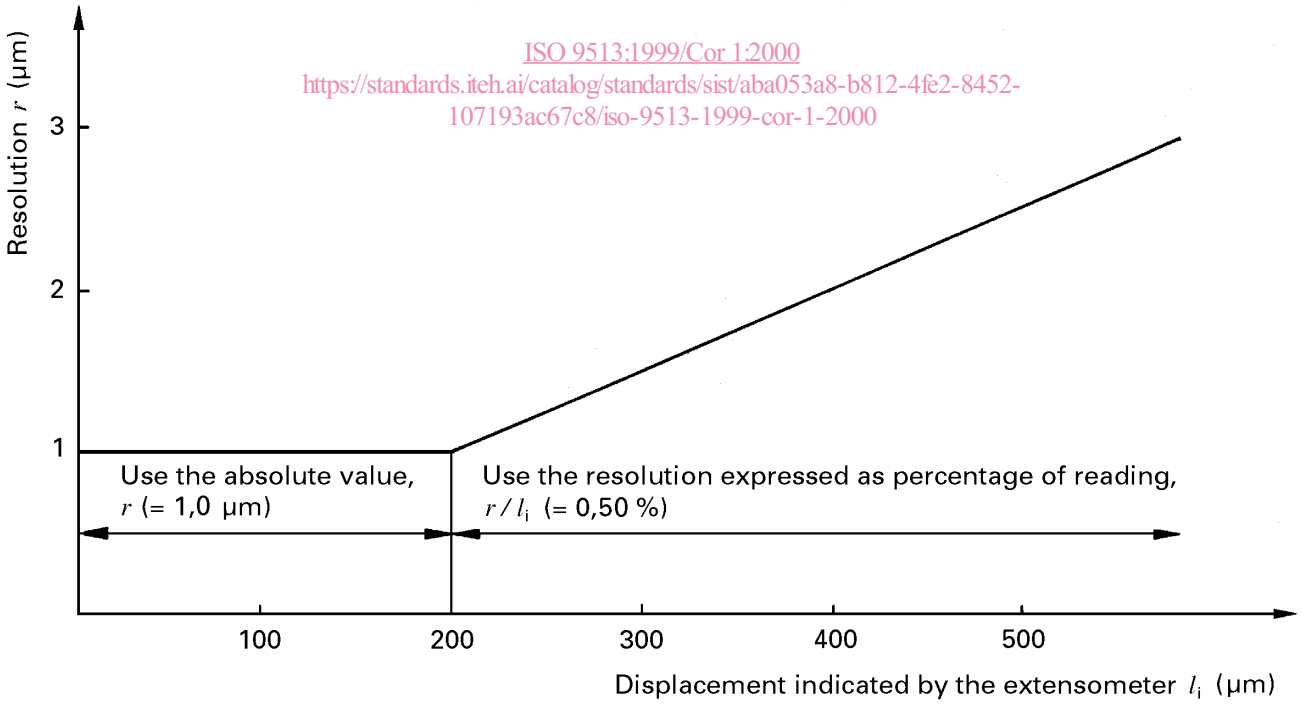

Figure B.1 — Resolution of a class 1 extensometer

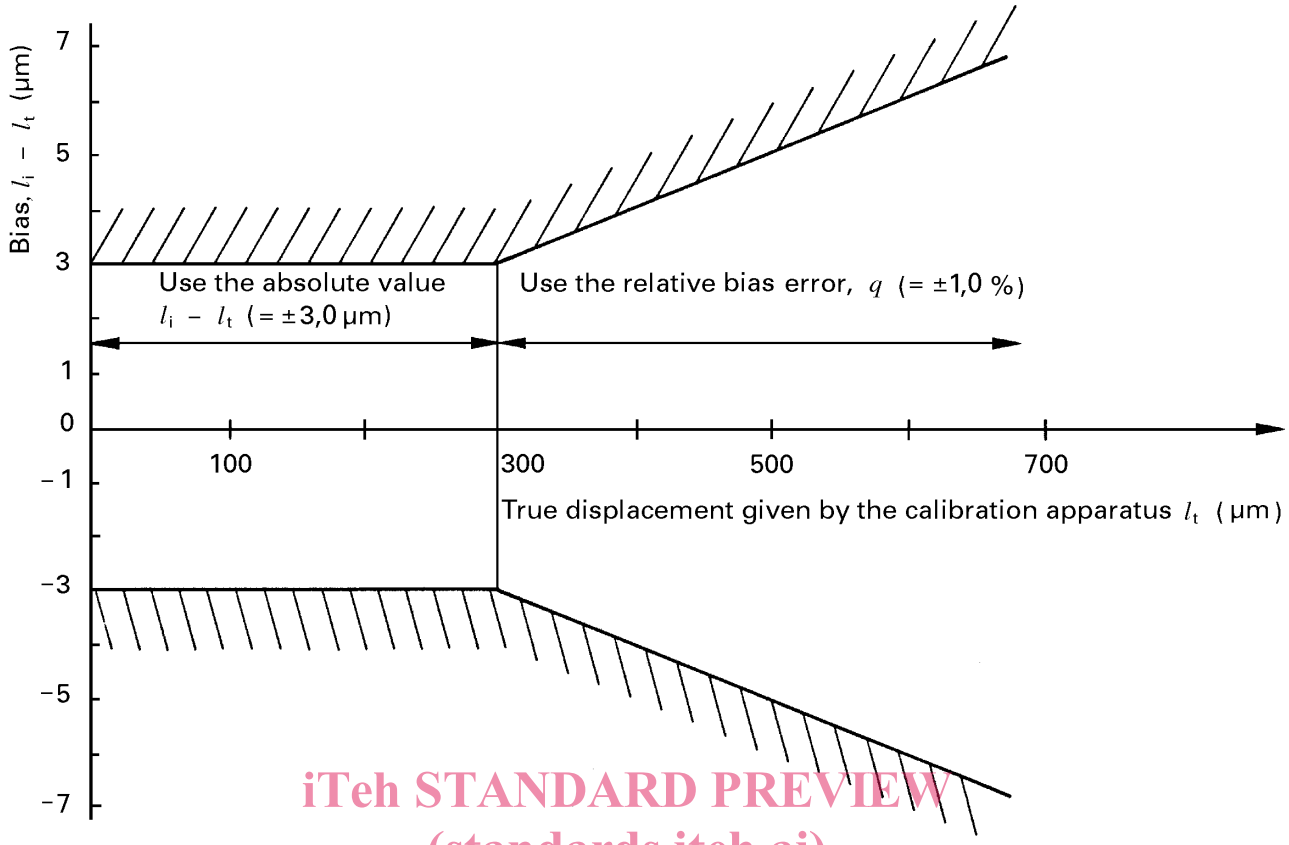

Figure B.2 — Limits of bias error of a class 1 extensometer