

ISO 376:2011-06 (E)

Metallic materials - Calibration of force-proving instruments used for the verification of uniaxial testing machines

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Symbols and their designations		1
5 Principle		2
6 Characteristics of force-proving instruments		3
7 Calibration of the force-proving instrument		3
8 Classification of the force-proving instrument		8
9 Use of calibrated force-proving instruments		10
Annex A (informative) Example of dimensions of force transducers and corresponding loading fittings		11
Annex B (informative) Additional information		18
Annex C (informative) Measurement uncertainty of the calibration and subsequent use of the force-proving instrument		21
Bibliography		30