

DIN EN ISO 32543-3:2026-09 (E)

Non-destructive testing - Characteristics of focal spots in industrial X-ray systems - Part 3: Measurement of the effective focal spot size of mini and micro focus X-ray tubes (ISO 32543-3:2026)

Contents	Page
Foreword.....	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols and abbreviated terms	3
5 Test method	4
5.1 Principle and equipment.....	4
5.1.1 Detection equipment.....	4
5.1.2 Test object.....	5
5.2 Selection of distances and exposure time.....	5
6 Measurement and determination of the focal spot size	7
6.1 Measurement.....	7
6.2 Correction of the detector unsharpness.....	10
6.3 Classification and result of focal spot size evaluation.....	10
7 Test report	11
Annex A (Informative) Preferred values for the classification of X-ray tube micro- focal spot sizes	12
Bibliography	14