DIN EN ISO 16826:2014-06 (E)

Non-destructive testing - Ultrasonic testing - Examination for discontinuities perpendicular to the surface (ISO 16826:2012)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Tandem examination 5
4.1 General 5
4.2 Time base adjustment 6
4.3 Setting of sensitivity 7
4.4 Determination of examination zones 7
4.5 DGS-diagram for tandem examination 8
4.6 Corrections of sensitivity 9
4.7 Object with concentric surfaces 9

5 LLT-examination 11
5.1 General 11
5.2 Time base adjustment and determination of discontinuity depth 12
5.3 Setting of sensitivity 13
5.4 Determination of examination depth 13
5.5 DGS-diagrams for LLT-examination 15
5.6 Correction of sensitivity 15

Annex A (informative) Nomograms for determination of tandem distances for convex (Figure A.1) and concave (Figure A.2) scanning surface 16