

DIN EN ISO 7438:2021-03 (E)

Metallic materials - Bend test (ISO 7438:2020)

Contents	Page
European foreword	3
Foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Symbols, designations and units	5
5 Principle	6
6 Test equipment	6
6.1 General	6
6.2 Bending device with supports and a former	8
6.3 Bending device with a V-block	8
6.4 Bending device with a clamp	8
7 Test piece	8
7.1 General	8
7.2 Edges of rectangular test pieces	8
7.3 Width of the test piece	9
7.4 Thickness of the test piece	9
7.5 Test pieces from forgings, castings and semi-finished products	9
7.6 Agreement for test pieces of greater thickness and width	9
7.7 Length of the test piece	9
8 Procedure	10
9 Interpretation of results	11
10 Test report	11
Annex A (informative) Determination of the bend angle from the measurement of the displacement of the former	12
Annex B (normative) Bend test at plane strain conditions	13
Bibliography	17