ISO 7961:1994-02 (E)

Aerospace; bolts; test methods

Contents

Page

1 Scope 1

2 Normative reference 1

3 Tests 1
3.1 Tensile test at ambient temperature 1
3.2 Double shear test 4
3.3 Tension fatigue test 7
3.4 Stress durability test of ambient temperature 8
3.5 Inspection for grinding burns 8
3.6 Tensile test at elevated temperature 9
3.7 Stress relaxation test at elevated temperature 9
3.8 Stress corrosion test 10
3.9 Stress rupture test at elevated temperature 12

4 Test validity 12

5 Test reports 12

Annexes

A Calibration of apparatus 13

B Test reports 14

C Formulae 15