ISO 8642:2008-09 (E)

Aerospace - Self-locking nuts with maximum operating temperature greater than 425 °C - Test methods

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Inspections and tests 1
3.1 Hardness test 1
3.2 Bearing surface squareness test 2
3.3 Axial load test 4
3.4 Wrenching feature test 5
3.5 Torque-out test 7
3.6 Test of no rotation of the captive washer 8
3.7 Push-out test 9
3.8 Self-locking torque at ambient temperature 10
3.9 Self-locking torque at ambient temperature after heat soak at maximum operating temperature 12
3.10 Permanent set test 15
3.11 Vibration test 17
3.12 Swaging test 20