ISO 2702:2022-12 (E)

Fasteners - Heat treated tapping screws - Mechanical and physical properties

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Materials 1

5 Mechanical and physical properties 2
5.1 General 2
5.2 Surface hardness 2
5.3 Case-hardened depth 2
5.4 Core hardness 3
5.5 Microstructure 3
5.6 Thread-forming ability 3
5.7 Torsional strength 3
5.8 Ductility 3

6 Test methods 4
6.1 General 4
6.2 Surface hardness test 4
6.3 Case-hardened depth determination 4
6.4 Core hardness test 5
6.5 Microstructure test 6
6.6 Drive test 6
6.7 Torsional test 7
6.8 Ductility test 8

7 Inspection 9
7.1 Manufacturer's inspection 9
7.2 Supplier's inspection 9
7.3 Purchaser's inspection 10
7.4 Delivery of test results 10

8 Marking and labelling 10
8.1 General 10
8.2 Marking on screws 10
8.3 Marking on packages (labelling) 10

Bibliography 11