ISO 7331:2020 (E)

Ski-poles for alpine and touring skiing — Requirements and test methods

Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 Symbols

5 Parts and categories of ski-poles

5.1 Parts of a ski-pole
5.2 Categories of ski-poles

6 Requirements and test methods

6.1 Materials
6.2 Test conditions
6.3 Test sampling
6.4 Total length
6.4.1 Requirement
6.4.2 Testing
6.5 Outward design
6.5.1 Requirement
6.5.2 Testing
6.6 Anti-catching design
6.6.1 Requirement
6.6.2 Testing
6.7 Release mechanism
6.7.1 Function
6.7.2 Temperature and ice conditions
6.7.2.1 Requirement
6.7.3 Testing
6.7.4 Fatigue conditions
6.7.4.1 Requirement
6.7.4.2 Testing
6.8 Grip
6.8.1 Shape
6.8.1.1 Requirement
6.8.1.2 Testing
6.8.2 Impact area
6.8.2.1 Requirement
6.8.2.2 Testing
6.8.3 Edges
6.8.3.1 Requirement
6.8.3.2 Testing
6.8.4 Piercing resistance
6.8.4.1 Requirement
6.8.4.2 Testing
6.8.5 Pulling-off force
6.8.5.1 Requirement
6.8.5.2 Testing
6.8.6 Strapless grips
6.8.6.1 Requirement
6.8.6.2 Testing
6.9 Straps

6.9.1 Width
6.9.1.1 Requirement
6.9.1.2 Testing
6.9.2 Minimum strain in support direction
6.9.2.1 Requirement
6.9.2.2 Testing
6.9.3 Release function
6.9.3.1 Requirement
6.9.3.2 Testing
6.10 Shaft
6.10.1 Minimum compressive force
6.10.1.1 Requirement
6.10.1.2 Testing
6.10.2 Point of buckling
6.10.2.1 Requirement
6.10.2.2 Testing
6.11 Clamping force
6.12 Basket
6.12.1 Dimensions
6.12.1.1 Requirement
6.12.1.2 Testing
6.12.2 Resistance
6.12.2.1 Requirement
6.12.2.2 Testing
6.12.3 Basket fixing
6.12.3.1 Requirement
6.12.3.2 Testing
6.12.4 Anti-catching design of basket
6.12.4.1 Requirement
6.12.4.2 Testing
6.13 Tip
6.13.1 Minimum area
6.13.1.1 Requirement
6.13.1.2 Testing
6.13.2 Gripping power on ice
6.13.2.1 Requirement
6.13.2.2 Testing
6.13.3 Hardness
6.13.3.1 Requirement
6.13.3.2 Testing

7 Test report

8 Marking

8.1 General
8.2 Standard reference

9 Information supplied by the manufacturer

Page count: 18