DIN ISO 8364:2018-03 (E)

Alpine skis and bindings - Binding mounting area - Requirements and test methods (ISO 8364:2017)

Contents

Page

National foreword ... **3**

National Annex NA (informative) **Bibliography** ... **4**

Foreword ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Specifications of free space area ... **7**
4.1 Length of free space area (l_z) ... 7
4.2 Width of the free space area (b_z) ... 7

5 Geometrical requirements of free space area ... **8**
5.1 Longitudinal profile of the ski surface within the free space area ... 8
5.2 Transverse profile of the ski surface within the free space area ... 8

6 Specifications of binding mounting area ... **9**
6.1 Length of binding mounting area (l_b) ... 9
6.2 Width of binding mounting area ... 9
6.3 Minimum thickness of binding mounting area ... 9

7 Strength requirements of binding mounting area ... **10**
7.1 Screw retention strength (F_r) ... 10
7.2 Stripping resistance (F_s) ... 10

8 Specifications of the binding ... **10**
8.1 General ... 10
8.2 Centre-to-centre distances for binding mounting screws ... 10
8.2.1 Maximum centre-to-centre distance ... 10
8.2.2 Minimum centre-to-centre distance ... 11
8.3 Penetration depth of binding screws ... 11

9 Side walls ... **11**

10 Marking ... **11**
10.1 Marking of the mounting point ... 11
10.2 Marking of the ski properties ... 11

11 Apparatus ... **11**

12 Test screws ... **13**

13 Test methods ... **13**
13.1 Sampling and conditioning ... 13
13.2 General requirements ... 13
13.3 Retention strength test ... 14
13.3.1 Mounting of the attachment plate ... 14
13.3.2 Positioning of the pull-out tests within the binding mounting area ... 15
13.3.3 Load application ... 16
13.4 Stripping resistance test ... 16

14 Test report ... **16**

Annex A (informative) **Synoptic tables** **18**