

---

---

## Alpine skis and bindings — Binding mounting area — Requirements and test methods

*Skis et fixations de skis alpins — Zone de montage de la fixation — Exigences de tenue et méthodes d'essai*

iTeh Standards  
(<https://standards.iteh.ai>)  
Document Preview

[ISO 8364:2017](https://standards.iteh.ai/catalog/standards/iso/7b3054c2-765e-4e15-bcdd-85b82a4024f7/iso-8364-2017)

<https://standards.iteh.ai/catalog/standards/iso/7b3054c2-765e-4e15-bcdd-85b82a4024f7/iso-8364-2017>



**iTeh Standards**  
**(<https://standards.iteh.ai>)**  
**Document Preview**

ISO 8364:2017

<https://standards.iteh.ai/catalog/standards/iso/7b3054c2-765e-4e15-bcdd-85b82a4024f7/iso-8364-2017>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
[copyright@iso.org](mailto:copyright@iso.org)  
[www.iso.org](http://www.iso.org)

# Contents

Page

|                                                                           |           |
|---------------------------------------------------------------------------|-----------|
| <b>Foreword</b>                                                           | <b>iv</b> |
| <b>1 Scope</b>                                                            | <b>1</b>  |
| <b>2 Normative references</b>                                             | <b>1</b>  |
| <b>3 Terms and definitions</b>                                            | <b>1</b>  |
| <b>4 Specifications of free space area</b>                                | <b>2</b>  |
| 4.1 Length of free space area ( $l_z$ )                                   | 2         |
| 4.2 Width of the free space area ( $b_z$ )                                | 2         |
| <b>5 Geometrical requirements of free space area</b>                      | <b>3</b>  |
| 5.1 Longitudinal profile of the ski surface within the free space area    | 3         |
| 5.2 Transverse profile of the ski surface within the free space area      | 3         |
| <b>6 Specifications of binding mounting area</b>                          | <b>4</b>  |
| 6.1 Length of binding mounting area ( $l_b$ )                             | 4         |
| 6.2 Width of binding mounting area                                        | 4         |
| 6.3 Minimum thickness of binding mounting area                            | 4         |
| <b>7 Strength requirements of binding mounting area</b>                   | <b>5</b>  |
| 7.1 Screw retention strength ( $F_R$ )                                    | 5         |
| 7.2 Stripping resistance ( $F_S$ )                                        | 5         |
| <b>8 Specifications of the binding</b>                                    | <b>5</b>  |
| 8.1 General                                                               | 5         |
| 8.2 Centre-to-centre distances for binding mounting screws                | 5         |
| 8.2.1 Maximum centre-to-centre distance                                   | 5         |
| 8.2.2 Minimum centre-to-centre distance                                   | 6         |
| 8.3 Penetration depth of binding screws                                   | 6         |
| <b>9 Side walls</b>                                                       | <b>6</b>  |
| <b>10 Marking</b>                                                         | <b>6</b>  |
| 10.1 Marking of the mounting point                                        | 6         |
| 10.2 Marking of the ski properties                                        | 6         |
| <b>11 Apparatus</b>                                                       | <b>6</b>  |
| <b>12 Test screws</b>                                                     | <b>8</b>  |
| <b>13 Test methods</b>                                                    | <b>8</b>  |
| 13.1 Sampling and conditioning                                            | 8         |
| 13.2 General requirements                                                 | 8         |
| 13.3 Retention strength test                                              | 9         |
| 13.3.1 Mounting of the attachment plate                                   | 9         |
| 13.3.2 Positioning of the pull-out tests within the binding mounting area | 10        |
| 13.3.3 Load application                                                   | 11        |
| 13.4 Stripping resistance test                                            | 11        |
| <b>14 Test report</b>                                                     | <b>11</b> |
| <b>Annex A (informative) Synoptic tables</b>                              | <b>13</b> |