

DIN ISO 9462:2024-12 (E)

Alpine ski-bindings - Requirements and test methods (ISO 9462:2023)

Contents		Page
National foreword.....		4
National Annex NA (informative) Bibliography		6
Foreword.....		7
1	Scope	8
2	Normative references	8
3	Terms and definitions	8
4	Test conditions	11
4.1	Loading rate.....	11
4.2	Accuracy of measurement.....	12
4.3	Test sole.....	12
4.4	Test ski.....	13
5	Test methods A and B	13
5.1	Principle.....	13
5.2	Simple torsion test.....	13
5.3	Forward bending test.....	15
6	Requirements and testing	17
6.1	General requirements.....	17
6.1.1	Function and form.....	17
6.1.2	Handling.....	17
6.2	Release tests — Setting, reproducibility, and symmetry of release values.....	18
6.2.1	Requirements.....	18
6.2.2	Testing.....	19
6.3	Evaluation of reproducibility of release under different influences.....	20
6.3.1	Order of tests.....	20
6.3.2	Reference values.....	20
6.3.3	Release with ski deflection.....	21
6.3.4	Release under combined loading.....	22
6.3.5	Low temperature exposure.....	24
6.3.6	Icing.....	24
6.3.7	Snow pack.....	25
6.3.8	Exposure to vibration and shock.....	25
6.4	Energy absorption (recentering).....	26
6.4.1	Requirements.....	26
6.4.2	Testing.....	26
6.5	Lateral release under impact loading.....	26
6.5.1	Requirement.....	26
6.5.2	Testing.....	26
6.6	Field tests.....	27
6.6.1	Object of the tests.....	27
6.6.2	Performance of the test and grading.....	27
6.6.3	Items to consider.....	28
6.7	Exposure to corrosion and dirt.....	28
6.7.1	Requirements.....	28
6.7.2	Testing.....	28
6.8	Compatibility to boot in accordance with ISO 23223.....	29
6.8.1	Requirements.....	29
6.8.2	Testing.....	29

7	Marking	30
Annex A	(informative) Additional information to conduct tests in accordance with test method A	31
Annex B	(informative) Fixtures and load configurations necessary for conducting tests using test method B	36
Annex C	(normative) Grain size distribution of dirt	43
Annex D	(normative) Determination of tolerances on M_z and M_y	44
Annex E	(informative) Test body in accordance with ISO 9838 for compatibility test	46
	Bibliography	48