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Alpske smuči - Določevanje utrujenosti - Preskus s cikličnim obremenjevanjem

Alpine skis - Determination of fatigue indexes - Cyclic loading test

Skis alpins -- Détermination des indices de fatigue -- Essai en flexion alternée

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**Alpine skis — Determination of
fatigue indexes — Cyclic loading test**

*Skis alpins — Détermination des indices de fatigue — Essai en
flexion alternée*



Reference number
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ISO 6266:2013(E)

Foreword

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ISO 6266 was prepared by Technical Committee ISO/TC 83, *Sports and recreational equipment*, Subcommittee SC 4, *Snowsports equipment*.

This second edition cancels and replaces the first edition (ISO 6266:1980), which has been technically revised.

Introduction

Previous investigations showed that the fatigue of an alpine ski is not easy to describe. If one understands by fatigue the remaining negative change of some characteristics of the ski, influencing the performance of the ski, as a result of normal use, several tests would be necessary to determine exactly the susceptibility of a ski to such changes. In addition, some factors may have substantial influence on the results such as ski length, spring constant, test temperature, kind of vibration, frequency etc. It was therefore decided that a test method taking account of all these factors might be of some interest for ski research but that it should not be proposed for standardization.

Instead of this, a simplified test of the fatigue behaviour of two important characteristics of the ski (i.e. of camber height and centre spring constant) was proposed for standardization.

