

# INTERNATIONAL STANDARD

**ISO**  
**683-15**

Second edition  
1992-08-15

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## **Heat-treatable steels, alloy steels and free-cutting steels —**

### **Part 15:**

### **Valve steels for internal combustion engines**

*Aciers pour traitement thermique, aciers alliés et aciers pour  
décolletage —*

*Partie 15: Aciers pour soupapes de moteurs à combustion interne*



Reference number  
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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 683-15 was prepared by Technical Committee ISO/TC 17, *Steel*, Sub-Committee SC 4, *Heat treatable and alloy steels*.

This second edition cancels and replaces the first edition (ISO 683-15:1976), of which it constitutes a technical revision.

ISO 683 consists of the following parts, under the general title *Heat-treatable steels, alloy steels and free-cutting steels*:

- *Part 1: Direct-hardening unalloyed and low-alloyed wrought steel in form of different black products*
- *Part 9: Wrought free-cutting steels*
- *Part 10: Wrought nitriding steels*
- *Part 11: Wrought case-hardening steels*
- *Part 13: Wrought stainless steels*
- *Part 14: Hot-rolled steels for quenched and tempered springs*
- *Part 15: Valve steels for internal combustion engines*
- *Part 16: Precipitation hardening stainless steels*
- *Part 17: Ball and roller bearing steels*

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— *Part 18: Bright products of unalloyed and low alloy steels*  
Annex A of this part of ISO 683 is for information only.