
**Internal combustion engines —
Piston rings —**

**Part 3:
Coil-spring-loaded oil control rings
made of steel**

Moteurs à combustion interne — Segments de piston —

*Partie 3: Segments racleurs régulateurs d'huile, en acier, mis en
charge par ressort hélicoïdal*

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms, definitions and symbols	1
3.1 Symbols	1
4 Piston ring types and designation examples	2
4.1 Type SOR — Steel oil control rings with R-shaped groove	2
4.1.1 General features and dimensions	2
4.1.2 Designation	3
4.2 Type SOV — Steel oil control rings with V-shaped groove	3
4.2.1 General features and dimensions	3
4.2.2 Designation	4
5 Common features	4
5.1 Ring width h_1 and radial wall thickness a_1	4
5.2 Land width h_5	5
5.3 Land angle α, β	5
5.4 Land spacing B_3	5
5.5 Slot sizes	6
5.6 Nitrided surface	6
5.7 PVD coating thickness of peripheral surface	7
5.8 Nominal contact pressure and tangential force	7
5.8.1 Nominal contact pressure	7
5.8.2 Actual tangential force, F_t , and tolerance	8
5.8.3 Normalized tangential force, F_N	8
5.9 Tolerance of tangential force F_t	8
6 Coil springs	8
6.1 Types of coil spring	8
6.2 Coil-spring excursion (extended gap)	10
6.3 Position of coil spring gap and fixing	11
6.4 Material	11
7 Type SOR	11
8 Type SOV	11
9 Dimensions	12
Bibliography	26

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 34, *Propulsion, powertrain and powertrain fluids*.

This second edition cancels and replaces the first edition (ISO 6266-3:2008), which has been technically revised. The main changes compared to the previous edition are as follows:

- added subclause 5.8.2, Actual tangential force, F_t and tolerance;
- added subclause 5.8.3, Normalized tangential force, F_N ;
- added Table 9, Normalized tangential forces, F_N ;
- raised table numbers by one from Table 9 onward;
- made editorial changes to Table 16.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

ISO 6626 (all parts) is one of a series of International Standards dealing with piston rings for reciprocating internal combustion engines. Others are ISO 6621 (all parts), ISO 6622 (all parts), ISO 6623, ISO 6624 (all parts), ISO 6625 and ISO 6627 (see [Clause 2](#) and Bibliography).

The common features and dimensional tables presented in this document constitute a broad range of variables and, in selecting a particular ring type, the designer will bear in mind the conditions under which it will be required to operate.

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