

Third edition 2017-04

Internal combustion engines — Piston rings —

Part 1: **Keystone rings made of cast iron**

Moteurs à combustion interne — Segments de piston — Partie 1: Segments trapézoïdaux en fonte





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Foreword

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

This third edition cancels and replaces the second edition (ISO 6624-1:2001), which has been technically revised.

The main changes compared to the previous edition are as follows:

- PVD coating thickness has been included with a new <u>Table 8</u>;
- updates have been made regarding technology improvements.

Introduction

ISO 6624 belongs to the series of International Standards dealing with piston rings for reciprocating internal combustion engines. Others are ISO 6621, ISO 6622, ISO 6623, ISO 6625, ISO 6626 and ISO 6627 (see Bibliography for details).

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 must bear in mind the conditions under which it will be required to operate.

It is also essential that the designer refer to the specifications and requirements of ISO 6621-3[4] and ISO 6621-4 before completing a selection.

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