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भारतीय मानक मसौदा

आंतरिक दहन इंजन — पिस्टन रिंग — भाग 2 : ढलवां लोहे से बने अर्ध प्रस्तर के रिंग

Draft Indian Standard

**Internal Combustion Engines — Piston Rings — Part 2: Half Keystone Rings
Made of Cast Iron**

ICS: 43.060.10

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Automotive Primemovers, Transmission Systems and Internal Combustion Engine Pallets
Sectional Committee, TED 02

NATIONAL FOREWORD

This draft Indian Standard (First Revision) which is identical with ISO 6624-2: 2016 ‘Internal Combustion Engines — Piston Rings — Part 2: Half Keystone Rings Made of Cast Iron issued by International Organization for Standardization (ISO), will be adopted by the Bureau of Indian Standards on the recommendations of Automotive Prime movers, Transmission Systems and Internal Combustion Engine Sectional Committee and approval of the Transport Engineering Division Council.

This standard is one of the parts of Indian Standard published on ‘Internal combustion engines — Piston rings’. Other parts of this standard are:

- a) Part 1: Keystone rings made of cast iron
- b) Part 3: Keystone rings made of steel
- c) Part 4: Half keystone rings made of steel

The text of ISO standard is proposed for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standard for which Indian Standard also exists. The corresponding Indian Standard, which is to be substituted in its respective place, is listed below along with its degree of equivalence for the edition indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard / Document No. of Draft Under Development</i>	<i>Degree of Equivalence</i>
ISO 6621-4 Internal Combustion Engines — Piston Rings — Part 4: General Specifications	TED/02/24507* Internal Combustion Engines Piston Rings Part 4: General Specifications	Identical under dual numbering

**Draft Under Development*

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

INTRODUCTION

ISO 6624 is one of a number of 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.

SCOPE

This part of ISO 6624 specifies the essential dimensional features of half keystone rings made of cast iron, types HK, HKB and HKBA, having nominal diameters from 38 mm up to, and including, 160 mm, used in reciprocating internal combustion piston engines for road vehicles and other applications.

**FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 6624-2: 2016
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