



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

**Reference : TED 02 (24511) WC**

**Date : 1 January 2024**

**TECHNICAL COMMITTEE : Automotive Primemovers, Transmission Systems and Internal Combustion Engine, TED 02**

**To,**

**All concerned**

Dear Madam/Sir,

The following document has been prepared by the Automotive Primemovers, Transmission Systems and Internal Combustion Engine Sectional Committee, TED 02. Please [click here](#) to view the document.

**Document Number : TED 02 (24511) WC**

**Title of the document : INTERNAL COMBUSTION ENGINES PISTON RINGS EXPANDERRAIL OIL-CONTROL RINGS**

**Document Type : New Indian Standard (Identical adoption of ISO 6627: 2022)**

*This document has following salient features which may require specific attention for your valuable comments:*

- 1) This document specifies the essential dimensional features of expander/rail oil-control rings, without providing a complete product description (because expander-rail designs vary from piston-ring manufacturer to piston-ring manufacturer, the interaction between the manufacturer and the client will determine specific design details). This document applies to expander/rail oil-control rings of nominal diameters ranging from 40 mm to 140 mm for reciprocating internal combustion engines for road vehicles and other applications. It also applies to piston rings for compressors working under analogous conditions.*
- 2) The common features and dimensional tables included in this document represent a broad range of variables. In selecting a ring type, the designer will above all need to consider the particular operating conditions. Moreover, it is essential that the designer refers to the specifications and requirements of ISO 6621-3 and ISO 6621-4 before completing the selection.*

Please examine the document and share your comments regarding further improvement in the document.

**Last date for sharing the comments is : 1 March 2024**

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at ted@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,  
P. V. Srikanth  
HEAD (Transport Engineering Department)  
Email: ted@bis.gov.in**



## व्यापक परिचालन में मसौदा

हमारा सन्दर्भ : TED 02 (24511) WC

दिनांक : 1 January 2024

**तकनीकी समिति : Automotive Primemovers, Transmission Systems and Internal Combustion Engine Sectional Committee, TED 02**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : TED 02 (24511) WC

शीर्षक : आंतरिक दहन इंजन — पिस्टन रिग — विस्तारक/रेल तेल-नियंत्रण रिग

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 1 March 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय,

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