



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 : PGD 37/T-230

Date : 28 October 2024

TECHNICAL COMMITTEE : General Engineering and Fasteners Standards, PGD 37

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the General Engineering and Fasteners Standards Sectional Committee, PGD 37. Please [click here](#) to view the document.

Document Number : PGD 37 (26464) WC

Title of the document : Fasteners Slotted Set Screws with Cone Point Specification first revision

Document Type : Revision of Indian Standard (IS 15629 : 2005)

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

- 1) This Indian document specifies the characteristics of slotted set screws with cone point, in steel and stainless steel, with metric coarse pitch threads M1,2 to M12, and with product grade A.*
- 2) This Indian Standard was first published in 2005. This first revision of has been undertaken to align it with ISO 7434 : 2024. The main changes are as follows: a) The point angle with tolerance of $\pm 2^\circ$ has been changed to a reference angle of 90° or 120° , without tolerance; b) The values of dt for cone point have been added in Table 1; c) In relation to length: 1) For M1.6, length of 2 mm has been classified as too short (see Table 2); 2) The lengths for M2 ($l = 3$ mm), M3 ($l = 4$ mm), M3.5 ($l = 5$ mm), M4 ($l = 5$ mm) and M5 ($l = 6$ mm) have been classified separately as short standard lengths (see footnote in Table 2) with l_{nom} calculated in order to get at least 2.5 full pitches; and 3) Regular standard lengths have been calculated in order to get at least 4 full pitches up to M3.5 and 3 full pitches above M3.5; d) For stainless steel screws, grades A2 and A4 with hardness classes 12H and 21H have been added; e) Non-ferrous metal screws have been deleted (as a consequence of the wi*

3) In addition, the following changes are there: e) Non-ferrous metal screws have been deleted (as a consequence of the withdrawal of ISO 8839); f) Mechanical properties of steel and stainless-steel screws have been added for $d < 1.6$ mm (“As agreed”) in Table 3; g) For steel fasteners, “plain” has been modified to “as processed”, and non-electrolytically applied zinc flake coating has been added in Table 3; h) For stainless steel fasteners, “plain” has been changed to “Clean and bright”, and “Passivated” has been added in Table 3; j) The requirement of surface integrity has been added for steel screws in Table 3; and k) Specifications for marking and labelling have been added as Clause 6.

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

Last date for sharing the comments is : 27 November 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 pgd@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,
(RAJEEV RANJAN SINGH)
Head (Production and General Engineering Department)
Email: pgd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : PGD 37/T-230

दिनांक : 28-10-2024

तकनीकी समिति : General Engineering and Fasteners Standards Sectional Committee, PGD 37

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : PGD 37 (26464) WC

शीर्षक :

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 : 27 November 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 पर भी उपलब्ध है/हैं।

धन्यवाद।

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