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Doc.: PGD 37(25490)WC
August 2024

भारतीय मानक मसौदा

जंगरोधी इस्पात के फास्टनर्स का पैसिवेशन

Draft Indian Standard

**Passivation of Corrosion-Resistant
Stainless-Steel Fasteners**

ICS 21.060.01

General Engineering and Fasteners Standards Sectional Committee, PGD 37	Last date for receipt of comment is: 22 September 2024
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NATIONAL FOREWORD

(Formal clauses will be added later on)

This draft Indian Standard is identical with ISO 16048 : 2003 'Passivation of corrosion-resistant stainless-steel fasteners' issued by the International Organization for Standardization (ISO).

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain 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 Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 3506-1 : 1997 Mechanical properties of corrosion-resistant stainless-steel fasteners — Part 1: Bolts, screws and studs	IS 1367 (Part 14/Sec1) : 2023/ISO 3506-1 : 2020 Technical supply conditions for threaded steel fasteners: Part 14 Mechanical properties of corrosion-resistant stainless steel fasteners, Section 1 Bolts, screws and studs with specified grades and property classes (<i>fifth revision</i>)	Identical

ISO 3506-2 : 1997 Mechanical properties of corrosion-resistant stainless-steel fasteners — Part 2: Nuts	IS 1367 (Part 14/Sec 2) : 2023/ISO 3506-2 : 2020 Technical supply conditions for threaded steel fasteners: Part 14 Mechanical properties of corrosion-resistant stainless steel fasteners, Section 2 Nuts with specified grades and property classes (<i>fifth revision</i>)	Identical
ISO 3506-3 : 1997 Mechanical properties of corrosion-resistant stainless-steel fasteners — Part 3: Set screws and similar fasteners not under tensile stress	IS 1367 (Part 14/Sec 3) : 2018/ISO 3506-3 : 2009 Technical supply conditions for threaded steel fasteners: Part 14 Mechanical properties of corrosion-resistant stainless steel fasteners, Section 3 Set screws and similar fasteners not under tensile stress (<i>fourth revision</i>)	Identical
ISO 3506-4 Mechanical properties of corrosion-resistant stainless-steel fasteners — Part 4: Tapping screws	IS 1367 (Part 14/Sec 4) : 2023/ISO 3506-4 : 2009 Technical supply conditions for threaded steel fasteners: Part 14 Mechanical properties of corrosion resistant stainless steel fasteners, Section 4 Tapping screws	Identical

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’.

NOTE: The technical content of draft standard is not available on website. For details, please refer to ISO 16048 : 2003 or contact:

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