



उत्पाद मैनुअल
ड्राईवॉल स्क्रू
आईएस 18507:2026 के अनुसार

PRODUCT MANUAL
DRYWALL SCREWS
According to IS 18507:2026

यह उत्पाद नियमावली सभी क्षेत्रीय/शाखा कार्यालयों और लाइसेंसधारियों द्वारा विभिन्न उत्पादों के लिए भारतीय मानक ब्यूरो (अनुरूपता मूल्यांकन) विनियम, 2018 की योजना के अंतर्गत प्रमाणन के संचालन में एकरूपता और पारदर्शिता सुनिश्चित करने के लिए संदर्भ सामग्री के रूप में उपयोग की जाएगी। बीआईएस प्रमाणन प्राप्त करने के इच्छुक भावी आवेदक भी इस दस्तावेज़ का उपयोग कर सकते हैं।

This Product Manual shall be used as reference material by all Regional/Branch Offices & licensees to ensure uniformity of practice and transparency in operation of certification under Scheme-I of Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 for various products. The document may also be used by prospective applicants desirous of obtaining BIS certification.

1.	मानक संख्या / IS No.	:	IS 18507:2026
	शीर्षक / Title	:	Drywall Screws
	संशोधनों की संख्या No. of amendments	:	0
2.	नमूनाकरण दिशानिर्देश / Sampling Guidelines		
a)	कच्चा माल Raw material	:	As per Cl. 6 & Table 4 of IS 18507:2026 <i>Note: This section indicates the requirements for raw material (if specified in the IS) for which compliance is to be established during Grant of Licence/Change in Scope of Licence/Factory Surveillance.</i>
b)	समूहीकरण दिशानिर्देश Grouping Guidelines	:	Please refer ANNEX – A
c)	नमूने का परिमाण Sample Quantity	:	60 pieces
d)	परीक्षण अनुरोध में घोषित किए जाने वाले पैरामीटर Parameters to be Declared in Test Request	:	Same as the parameters given in scope of the licence under S. No. 6. <i>Note: Apart from the above, any other requirements/ parameters may also be declared as per the standard, as applicable.</i>
3.	परीक्षण उपकरण की सूची List of Test Equipment	:	Please refer ANNEX – B
4.	निरीक्षण एवं परीक्षण योजना Scheme of Inspection and Testing	:	Please refer ANNEX – C
5.	एक दिन में संभावित परीक्षण Possible tests in a day	:	All tests <i>Note: This section is for the guidance of BIS Certification Officers/ Technical Auditors of BIS Authorized Outside Surveillance Agencies (OSAs) during factory inspection to provide ready reference regarding the tests which can be witnessed during the inspection in the factory by the officer/ auditor.</i>

6.	लाइसेंस का दायरा / Scope of the Licence:	
“License is granted to use Standard Mark as per IS 18507:2026 with the following scope:		
Name of the product		Drywall Screws
Outside Diameter (nominal)		3.5 mm / 3.9 mm / 4.2 mm / 4.8 mm
Screw Length		_____ mm upto and including _____ mm
Thread Type		Single Start / Double Start
Pitch Type		Coarse / Fine
Material & Grade	Steel	Grade: 7M / 8M
	Stainless Steel	Grade: A2 / A3 / A4 / A5
Surface coating	Steel	As processed (no coating) / Electroplating / Phosphating / Other finishes or coatings as declared by the manufacturer
	Stainless Steel	As processed (Clean and bright) and/or Passivated / Electroplating

BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9, BAHADUR SHAH ZAFAR MARG, NEW DELHI-110002
www.bis.gov.in

ANNEX -A **Grouping Guidelines**

1. “Drywall Screws” covered in IS 18507:2026 are classified based on the following parameters:

Outside Diameter (nominal)		3.5 mm / 3.9 mm / 4.2 mm / 4.8 mm
Screw Length		_____ mm upto and including _____ mm
Thread Type		Single Start / Double Start
Pitch Type		Coarse / Fine
Material & Grade	Steel	Grade: 7M / 8M
	Stainless Steel	Grade: A2 / A3 / A4 / A5
Surface coating	Steel	As processed (no coating) / Electroplating / Phosphating / Other finishes or coatings as declared by the manufacturer
	Stainless Steel	As processed (Clean and bright) and/or Passivated / Electroplating

2. Considering the above, the grouping guidelines given below shall be followed for GoL/CSoL:
 - Sample(s) of Drywall Screws having lowest nominal outside diameter and highest nominal outside diameter shall be tested for all requirements to cover all the nominal outside diameters for which the firm intends to take the licence.
 - Sample(s) of Drywall Screws having largest screw length shall be tested to cover the Drywall Screws upto and including the lengths tested.
 - Samples of Drywall Screws of each Thread Type shall be tested separately.
 - Samples of Drywall Screws of each Pitch Type shall be tested separately.
 - Samples of Drywall Screws of each material (Steel/ Stainless Steel/ Brass) and each grade shall be tested separately.
 - Sample of Drywall Screws having each type of surface coating shall be tested separately. However, if samples of coated Drywall Screws are tested, Drywall Screws without coating may also be covered.
3. The Firm shall declare the varieties of Drywall Screws intended to be covered in the Licence.
4. The Scope of Licence may be restricted based on the Manufacturing and testing capabilities of the manufacturer.
5. During the operation of Licence, it shall be ensured that all the varieties covered in the Licence are tested in rotation, to the extent possible.

ANNEX- B
List of Test Equipments
(Indicative List, For Guidance Only)

Major test equipment required to test as per the Indian Standard

Sl. No.	Cl. Ref.	Tests used in with Clause Reference	Test Equipment
1.	4 Table 1 & 2	Dimensions	Micrometer Vernier Caliper Angle Gauge Go-No Go Gauges Thread gauges Pitch Gauge Profile Projector
2.	5, Table 3	Drive	
3.	6, Table 4	Chemical composition	Spectrometer Sample Preparation Tools Reference Materials
4.	6, Table 4	Surface coating	Coat meter Salt spray tester with heater and temperature controller Stop watch / Timer Sulphur di oxide
5.	7	Hardness	Hardness Tester Sample Preparation Tools
6.	8	Torque Testing Parameters	Torque Wrench

The above list is indicative only and may not be treated as exhaustive.

ANNEX C

Scheme of Inspection and Testing

1. QUALITY ASSURANCE PLAN

1.1 It is expected that during operation of BIS licence manufacturers will implement a Quality Assurance Plan (QAP) i.e. a plan of regular testing and in-process controls, designed to ensure that the product bearing the Standard Mark conforms to all requirements of the Indian Standard.

1.2 The manufacturers shall define a Quality Assurance Plan (QAP) defining the control unit (i.e. lot/batch etc.), the levels of control (i.e. the frequency and number of samples for conducting the different tests as per the Indian Standard) and declare the arrangement for testing i.e. whether in-house or sub-contracting/ sharing for each applicable test and submit the same to BIS Branch Office for information. The manufacturer shall comply with the QAP and maintain test records in accordance with para 2.1.

1.3 Recommended Levels of Control/ Control Unit:

1.3.1 For the guidance of manufacturers, the recommended definition of control unit is: *entire quantity of Drywall Screws of same nominal outside diameter, same pitch type, same thread type, same material/grade, same screw length and having same surface coating and manufactured in a day* constitute a control unit.

1.3.2 For the guidance of manufacturers in preparing the Quality Assurance Plan, recommended levels of control are given in [Table 1](#). Manufacturer has the discretion of declaring their own levels of control or accept the levels of control given in this document.

1.3.3 The manufacturer shall ensure inspection and testing as per the Quality Assurance Plan submitted by them on the whole production of the factory which is covered by this plan.

1.4 However, all manufacturers shall ensure compliance of their products to all the requirements of the Indian Standard.

2. ENSURING COMPLIANCE THROUGH TESTING

The manufacturers shall ensure compliance of their products to all the requirements of the Indian Standard for which they may have in-house test facilities. However, there is no obligation to maintain in-house laboratory. Licensee may use alternative arrangements for tests of the production as per the declared QAP. Various alternatives are available for operation of BIS certification as given below and the relevant guidelines for availing such relaxations by the manufacturers, as amended from time to time, are to be referred:

- i) Shared testing resources like common facility,
- ii) Cluster based testing facility,
- iii) Sub-contracting to outside laboratories which may either be:
 - a) BIS recognised/ empanelled laboratories, or
 - b) Any accredited laboratory as per ISO/IEC 17025

2.1 Test Records- The manufacturers shall maintain test records for the tests carried out (either in-house or at a sub-contracted or at shared test facility) to establish conformity of the product to the Standard for operation of licence. For the tests being subcontracted or conducted at a shared test facility, test results issued by the laboratories or test facilities, shall be made available for inspection by BIS.

3. PACKING AND MARKING

The Standard Mark as given in the Schedule of the licence shall be incorporated legibly and indelibly on the packaging of the Drywall Screws provided always that the Drywall Screws so marked conforms to each requirement of the specification.

3.1 Marking and Labelling of Drywall Screws shall be done as per Cl. 6 of IS 18507:2026.

3.2 **Additional Marking requirements:** The Drywall Screws shall also be marked with the following additional requirement on its packaging:

a) "For BIS certification details please visit www.bis.gov.in"

4. REJECTION

The production which conforms to the Indian Standard and covered under the scope of this licence shall be marked with the Standard Mark. Disposal of non-conforming product shall be done in such a way so as to ensure that there is no violation of provisions of BIS Act, 2016.

TABLE-1
(Recommended Levels of Control by BIS- for Guidance Only)

(1)					(2)		
Test Details					Levels of Control		
Cl.	Requirement		Test Methods		No. of Sample	Frequency	Remarks
			Clause	Reference			
6	Chemical Composition	Steel		IS 7887	Each Consignment	No further testing is required if accompanied with the Test Certificate or ISI marked.	
		Stainless Steel		IS 1367 (Part 14 / Sec 4)			
4	Dimensions		4, Table 1 & Table 2	IS 18507	Firm to have adequate in-process controls to check compliance of this parameter as per the tolerances given in the Indian Standard. However, appropriate records shall be maintained by the manufacturer for evidence of conformity		
5	Drive			IS 7478			
6 Table 4	Tolerances, shape and positional tolerances			IS 1367 (Part 2)			
	Surface condition			IS 1367 (Part 9 / Sec 1)			
	Acceptance test			IS 1367 (Part 17)			
6 Table 4	Surface Coating		5, Table 3	IS 18507			
	Electroplating			IS 1367 (Part 11)	03	Each batch of Surface condition treatment	
	Phosphating			IS 1367 (Part 12)	03		
7	Hardness		7.1, 7.2	IS 18507	01	Each Control Unit	
8	Torque Testing		8, Table 5	IS 18507	01	Each Control Unit	