



**PRODUCT MANUAL FOR  
SLOTTED COUNTERSUNK HEAD WOOD SCREWS  
ACCORDING TO IS 6760: 1972**

*This Product Manual shall be used as reference material by all Regional/Branch Offices & licensees to ensure coherence 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 licence/certificate.*

1.	<b>Product</b>	:	IS 6760 : 1972
	<b>Title</b>	:	Slotted Countersunk Head Wood Screws
	<b>No. of Amendments</b>	:	2
2.	<b>Sampling Guidelines:</b>		
a)	<b>Raw material</b>	:	As per Clause 2 of IS 6760:1972
b)	<b>Grouping guidelines</b>	:	Please refer ANNEX – A
c)	<b>Sample Size</b>	:	(i) Mechanical Tests – 10 pieces (ii) Chemical Tests – 5 pieces
3.	<b>List of Test Equipment</b>	:	Please refer ANNEX – B
4.	<b>Scheme of Inspection and Testing</b>	:	Please refer ANNEX – C
5.	<b>Possible tests in a day :</b>		
	All Tests		
6.	<b>Scope of the Licence :</b>		
	“Licence is granted to use Standard Mark as per IS 6760 : 1972 with the following scope:		
	Name of the product	Slotted Countersunk Head Wood Screws	
	Screw Number		
	Material		

**ANNEX A**

**Grouping Guidelines**

1. Slotted Countersunk Head Wood Screws as per IS 6760: 1972 are classified as follows:
  - (i) Material: Steel, Brass
  - (ii) Screw No. (Screw Designation): 0,1,2,3,4,5,6,7,8,9,10,12,14,16,18,20,24
2. Considering the above, the grouping as given below shall be followed for GoL/CSoL:

<b>Group</b>	<b>Screw No:</b>
Group 1	0, 1, 2, 3, 4 & 5
Group 2	6, 7, 8, 9, 10 & 12
Group 3	14, 16, 18, 20 & 24

3. One sample of any screw number from each group and material shall be tested to cover the complete range of screw numbers in that group for the particular material.
4. The Firm shall declare the varieties they intend to cover in the Licence. The Scope of Licence may be restricted based on the Manufacturing and Testing capabilities of the Manufacturer.
5. During operation of licence, BOs shall ensure that all the varieties covered in the licence are tested in rotation, to the extent possible.

**ANNEX B****List of Test Equipment**

*Major test equipment required to test as per the Indian Standard*

<b>Sl. No.</b>	<b>Tests used in with Clause Reference</b>	<b>Test Equipment</b>
1	Dimensions and Tolerances (Clause6)	Profile Projector
2	General Requirements (Clause 5)	Profile Projector

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

ANNEX C

**Scheme of Inspection And Testing**

**1. LABORATORY** - A laboratory shall be maintained which shall be suitably equipped (as per the requirement given in column 2 of Table 1) and staffed, where different tests given in the specification shall be carried out in accordance with the methods given in the specification.

**1.1** The manufacturer shall prepare a calibration plan for the test equipments.

**2. TEST RECORDS** – The manufacturer shall maintain test records for the tests carried out to establish conformity.

**3. LABELLING AND MARKING** – As per the requirement of IS 6760: 1972.

**4. LEVELS OF CONTROL** - The tests as indicated in column 1 of Table 1 and the levels of control in column 3 of Table 1, shall be carried out on the whole production of the factory which is covered by this plan and appropriate records maintained in accordance with paragraph 2 above.

**4.1** All the production which conforms to the Indian Standards and covered by the licence should be marked with Standard Mark.

**5. REJECTIONS** – 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**

(1)				(2)	(3)		
Test Details				Test equipment requirement R: required (or) S: Sub-contracting permitted	Levels of Control		
Cl.	Requirement	Test Method			No. of Sample	Frequency	Remarks
		Clause	Reference				
2	Material	4	IS 451	S	One	Each consignment	No further testing is required if accompanied with the Test Certificate or ISI marked.
3	Dimensions and Tolerances	3.1 to 3.3 Table 1 & 2	IS 6760	R	Two	Every half-an-hour production	--
5	General Requirements	Fig. 1 and Table 1	IS 6760	R	Two	Every half-an-hour production	--
		6.1 to 6.3	IS 451				
	Finish	5	IS 451	--	Every piece	--	--
	Rust prevention	8	IS 451	--	Every piece	--	--

**Note-1:** Sub-contracting is permitted to a laboratory recognized by the Bureau or Government laboratories empanelled by the Bureau.

**Note-2:** Levels of control given in column 3 are only recommendatory in nature. The manufacturer may define the control unit/batch/lot and submit his own levels of control in column 3 with proper justification for approval by BO Head.