



उत्पाद मैनुअल
आई एस 723:2023 के अनुसार
स्टील काउंटरसंक हेड वायर नेल्स
दस्तावेज़ संख्या – पी एम/आई एस 723/ 2/ दिसंबर 2023

भारतीय मानक ब्यूरो की स्कीम-I (अनुरूपता मूल्यांकन) विनियम, 2018 के तहत यह उत्पाद मैनुअल प्रमाणीकरण के प्रचालन में रीति और पारिश्रिता की सुसंगतता सुनिश्चित करने के लिए सभी क्षेत्रीय/शाखा कार्यालयों और लाइसेंसी द्वारा संदर्भ सामग्री के रूप में उपयोग किया जाएगा। बीआईएस प्रमाणीकरण लाइसेंस/ प्रमाणपत्र प्राप्त करने के इच्छुक भावी आवेदकों द्वारा भी इस दस्तावेज़ का उपयोग किया जा सकता है।

PRODUCT MANUAL FOR
Steel Countersunk Head Wire Nails
ACCORDING to

IS 723:2023
Document No.- PM/ IS 723/ 2/ December 2023

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.



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1.	Product	:	IS 723:2023
	Title	:	Steel Countersunk Head Wire Nails
	No. of Amendments	:	0
2.	Sampling Guidelines:		
a)	Raw material	:	As per Clause 3 of IS 723
b)	Grouping guidelines	:	Please refer ANNEX – A
c)	Sample Size	:	40 Nails
3.	List of Test Equipment	:	Please refer ANNEX – B
4.	Scheme of Inspection and Testing	:	Please refer ANNEX – C
5.	Possible tests in a day	:	All Tests
6.	Scope of the Licence:		
	“Licence is granted to use Standard Mark as per IS 723:2023 with the following scope:		
	Name of the product	Steel Countersunk Head Wire Nails	
	Designation		

ANNEX A

Grouping Guidelines

1. Steel Countersunk Head Wire Nails are designated based on the following:
 - i. Size
 - ii. Length
2. For considering GoL/ CSoL, Steel Countersunk Head Wire Nails of minimum and maximum designation shall be tested for all requirements in order to cover the complete range of designation.
3. In addition to the samples of varieties drawn for independent testing as per the above guidelines, factory test reports of all other designations intended to be covered in scope of license, shall also be submitted by the manufacturer.
4. 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 Steel Countersunk Head Wire Nails of all nail head dia 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

Sl. No.	Tests used in with Clause Reference	Test Equipment
1.	Dimension and Tolerance (Clause 4.1)	Vernier Caliper External Micrometer
2	Bend Test (Clause 4.2 & 7.1)	Mandrel Hammer Bevel Protractor (or) Angel gauge
3	Packing (Clause 9)	Weighing Balance

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** – Steel Countersunk Head Wire Nails packages shall be designated as per CL. 8 and marking on the packages shall be as per Cl. 11 of IS 723: 2023. The Standard Mark as given in the Schedule of the licence shall also be marked on the packaging.
 - 3.1. In addition to the above, the licence no. CM/L-and details of BIS website shall be marked on each package as follows: “For details of BIS certification please visit www.bis.gov.in”
4. **CONTROL UNIT** – All Steel Countersunk Head Wire Nails manufactured in a day under similar process condition from the same consignment of raw materials for same designation in one day shall constitute a control unit.
5. **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.
 - 5.1. All the production which conforms to the Indian Standards and covered by the licence should be marked with Standard Mark.
6. **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				
3	Material	3	IS 723 IS 280	S	One	Each Consignment	No further testing is required, if accompanied with test certificate or ISI marked
4	<i>Dimensions and Tolerances</i>						
4.1	Dimensions and Tolerances	4.1 Table 1 to Table 4	IS 723	R	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		
4.1	Bend of shank	4.1 Fig 1	IS 723	R			
4.2	Eccentricity and ovality	4.2	IS 723	R			
5	General Requirements	5	IS 723				
6	Finish	6	IS 723	R			
7	Bend Test	7	IS 723	R	10	Each Control unit for each designation	
9	Packaging	9	IS 723	R	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		

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