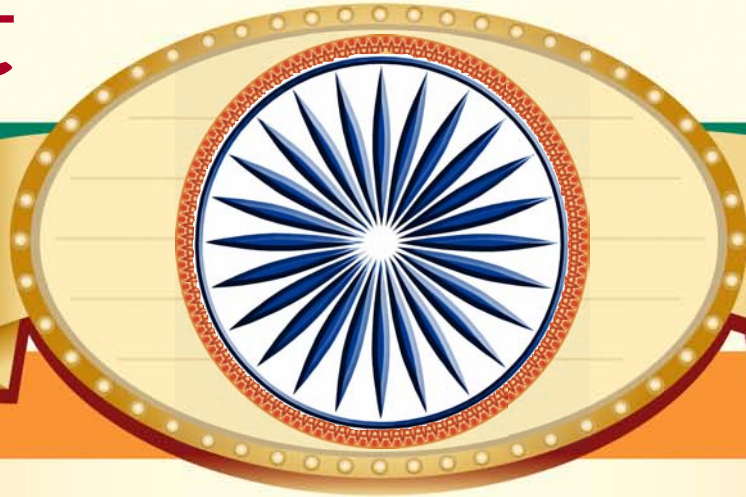


इंटरनेट

मानक



Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

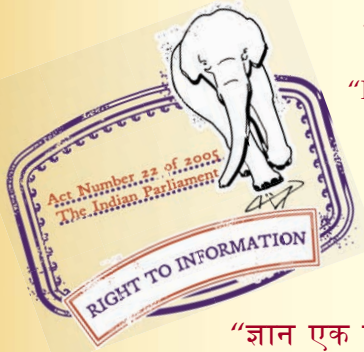
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

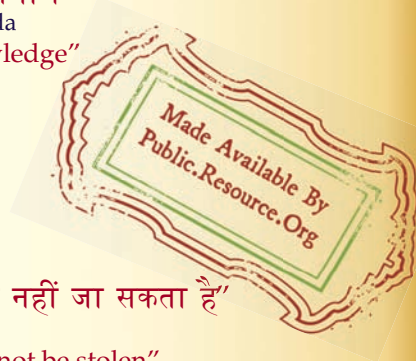
IS 6892 (1973): Blacksmith's Bick-Iron [PGD 6: Earth, Metal
And Wood Working Hand Tools]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard
**SPECIFICATION FOR
 BLACKSMITH'S BICK-IRON**

1. Scope — Lays down the requirements for blacksmith's bick-iron.

2. Dimensions

2.1 Bick-Iron, Type A — See Fig. 1.

2.2 Bick-Iron, Type B — See Fig. 2.

2.3 Bick-Iron, Type C — See Fig. 3.

2.4 The tolerances on untoleranced dimensions shall be ± 2 percent.

3. Material — The bick-irons shall be manufactured from steel designation C50, C55 and C60 of Schedule II of IS : 1570-1961 'Schedules for wrought steels for general engineering purposes'. The steel shall have a maximum silicon content of 0.02 percent and a maximum percentage of sulphur and phosphorus content of 0.05 percent each.

4. Hardness — The working face of the bick-iron shall have a hardness of 300 to 400 HV [see IS : 1501-1968 Method for Vickers hardness test for steel (*first revision*)].

5. Manufacture, Workmanship and Finish — The bick-iron shall be properly forged and machined to shape. The bick-iron shall be free from cracks, pits, flaws, seams, burrs and other defects. All sharp corners shall be removed.

6. Marking — Bick-irons shall be marked with the manufacturer's name, initials, and recognized trade-mark.

6.1 ISI Certification Marking — Details available with the Indian Standards Institution, New Delhi 110001

7. Preservation and Packing — The working faces shall be given a suitable anti-corrosive treatment and may be packed in wooden boxes or in accordance with best prevalent trade practice.

8. Sampling — Unless otherwise agreed to between the supplier and the purchaser, the procedure given in IS : 2500 (Part I) - 1963 'Sampling inspection tables: Part I Inspection by attributes and by count of defects' shall be followed for sampling inspection. The sampling plan for various characteristics shall be as given in 8.1 and 8.2.

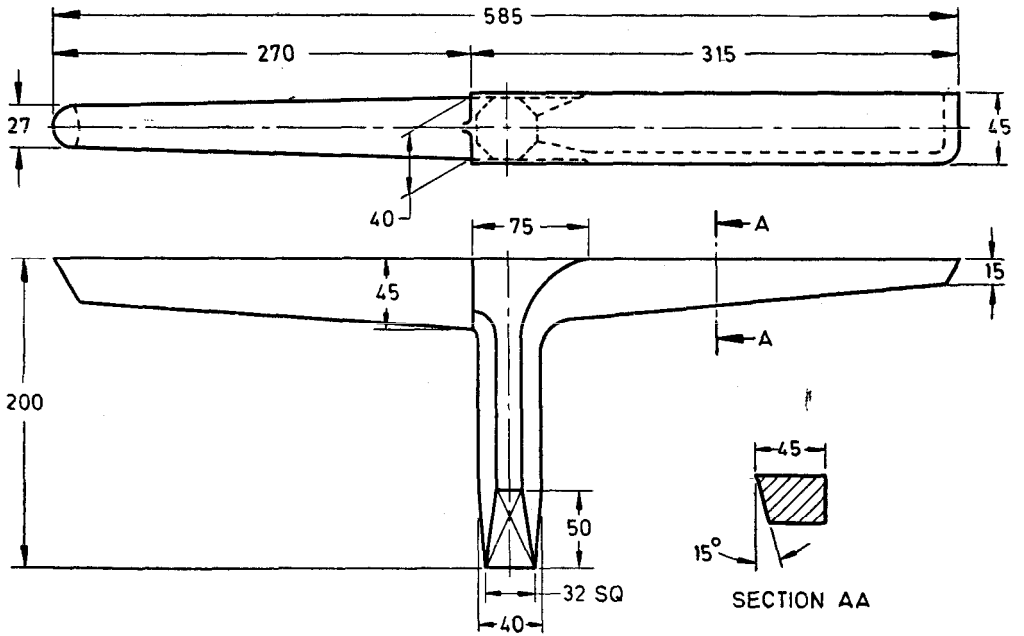
8.1 For dimensions and manufacture, workmanship and finish the sampling plan with inspection level III and acceptable quality level (AQL) 2.5 percent as given in Tables 1 and 2 of IS : 2500 (Part I) - 1963 shall be followed.

8.2 For hardness and tests, the sampling plan with inspection level I and acceptable quality level (AQL) 2.5 percent as given in Tables 1 and 2 of IS : 2500 (Part I) - 1963 shall be followed.

9. Tests — The bick-iron shall be held up with the bick in the horizontal position. Six hard blows with 1 kg hammer shall be struck on the working faces from a height of 200 mm. The bick-iron shall withstand the test satisfactorily without any sign of damage, distortion or failure of welded joints.

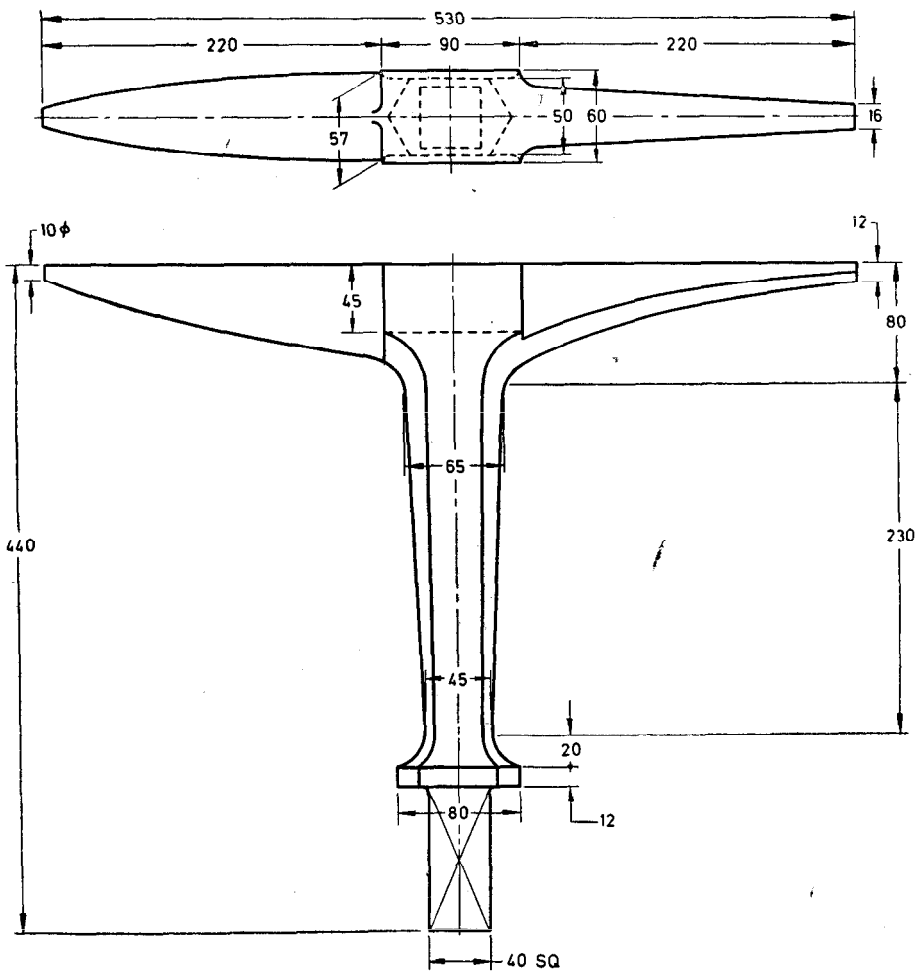
Adopted 23 February 1973

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All dimensions in millimetres.

FIG. 1 DIMENSIONS FOR BICK-IRON, TYPE A



All dimensions in millimetres.

FIG. 2 DIMENSIONS FOR BICK-IRON, TYPE B

