

इंटरनेट

मानक

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“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 6841 (1973): Wrecking Bars [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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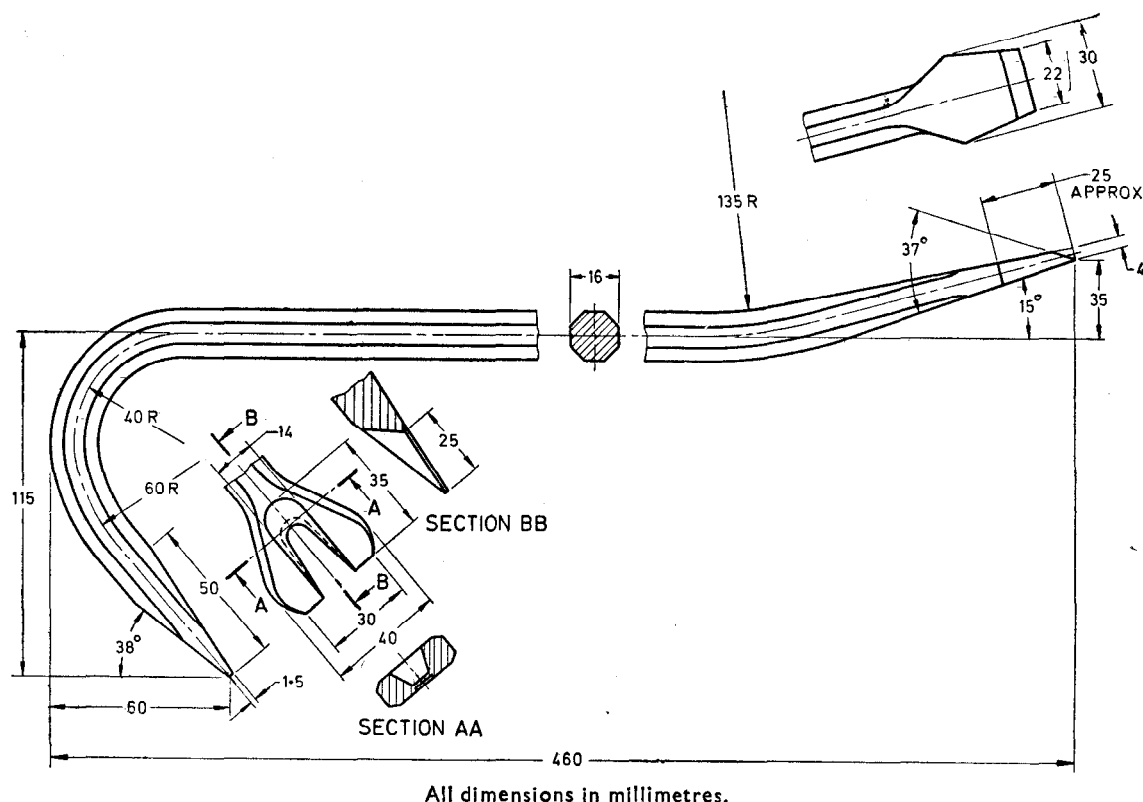


Indian Standard

SPECIFICATION FOR  
WRECKING BARS

**1. Scope** — Lays down the dimensions and general requirements for wrecking bars.

**2. Dimensions**



All dimensions in millimetres.

**2.1 Tolerances** — Tolerances for untoleranced dimensions shall conform to best manufacturing practices.

**3. Material** — Suitable steels meeting with the requirements laid down in 4 and 8 shall be used.

*Examples of Suitable Steels:*

C55 and C60 of Schedule II of IS: 1570-1961 'Schedules for wrought steels for general engineering purposes' with a maximum sulphur and phosphorus content of 0.05 percent each.

**4. Hardness** — The working ends shall have a hardness values of 500 to 600 HV [see IS: 1501-1968 'Method for Vickers hardness test for steel (first revision)'] up to a distance of 50 mm.

**5. Manufacture, Workmanship and Finish** — The bars shall be free from scales, flaws, seams, pits, cracks and other defects. All the sharp edges and corners except the working ends shall be removed.

**6. Marking** — The bars shall be marked with the manufacturer's name, initials or recognized trade-mark.

**6.1 ISI Certification Marking** — Details available with the Indian Standards Institution, New Delhi I.

**7. Preservation and Packing** — The bars shall be given a proper rust preventive treatment before packing and the packing shall be in conformity with the best packaging practices.

**8. Tests**

**8.1 Drop Test** — The bar shall be held vertical with the chisel end downwards at a height of 600 mm over a block of grey cast iron of 150 mm thickness and dropped five times on the block. The chisel end shall show no sign of deformation on the completion of the test.

Adopted 13 February 1973

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**8.2 Soundness Test** — The working ends of the bar shall be laid flat on a mild steel block and struck 10 sharp blows with 250 g hammer. The bar shall show no sign of damage on completion of the test.

**9. 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 9.1 and 9.2.

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

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

## **EXPLANATORY NOTE**

This standard deals with wrecking bars (also known as bars, wrecking) employed for opening wooden packing cases. While preparing this standard assistance has been derived from Drawing No. CIGS/T&I/123 'Bars wrecking' issued by the Chief Inspectorate of General Stores, Kanpur.