

इंटरनेट

मानक

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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 7077 (1973): Bending 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”

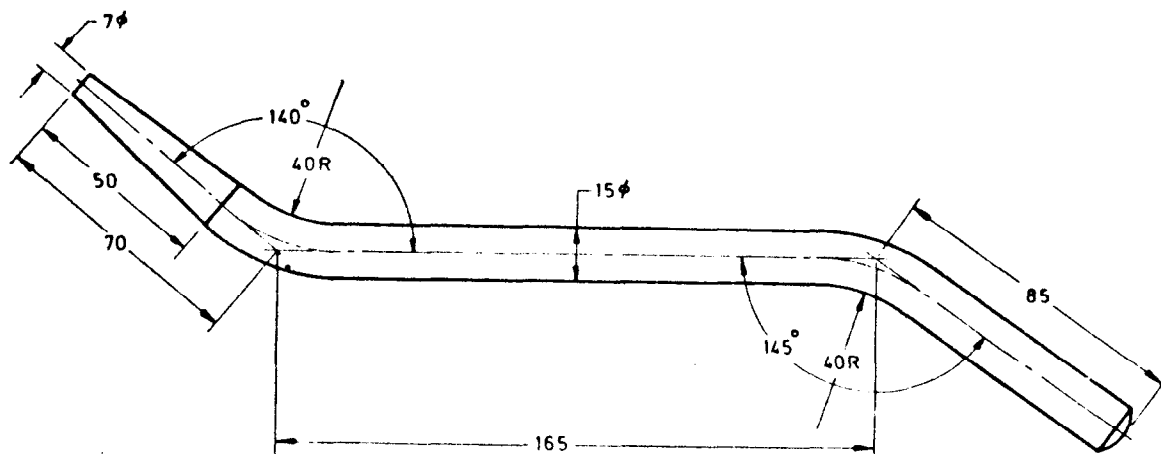
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Indian Standard
**SPECIFICATION FOR
BENDING BARS**

1. Scope — Lays down the general requirements for bending bars.

2. Dimensions



All dimensions in millimetres.

2.1 Normal engineering tolerances shall apply to the untoleranced dimensions.

3. Material — Suitable steels shall be used for the manufacture of bending bars.

Example :

C20 and C25 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. Manufacture — The bending bars shall be soundly forged to shape as shown in the figure and shall be free from pits, rust, cracks and other defects and shall be finished smooth all over.

5. Preservation and Packing — The bending bars shall be given proper rust-preventive treatment before packing and shall be packed in accordance with the best prevalent trade practice.

6. Sampling — Unless otherwise agreed to between the supplier and the purchaser, the procedure given in IS : 2500 (Part I)-1963 'Inspection by attributes and by count of defects: Part I' shall be followed for sampling inspection. The sampling plan for various characteristics shall be as given in 6.1.

6.1 For examining dimensions and other requirements sampling plans 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.

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

7.1 Certification Marking — Details available with the Bureau of Indian Standards.

EXPLANATORY NOTE

This standard deals with bending bars (also known as bending bolts) chiefly employed by plumbers for bending pipes. While preparing this standard, assistance has been derived from Drawing No. CIGS/Tools/71 'Bolts, bending' issued by the Chief Inspectorate of General Stores, Kanpur.

Adopted 26 November 1973

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