

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 5995 (1971): Pipe Grip Pliers [PGD 5: Assembly 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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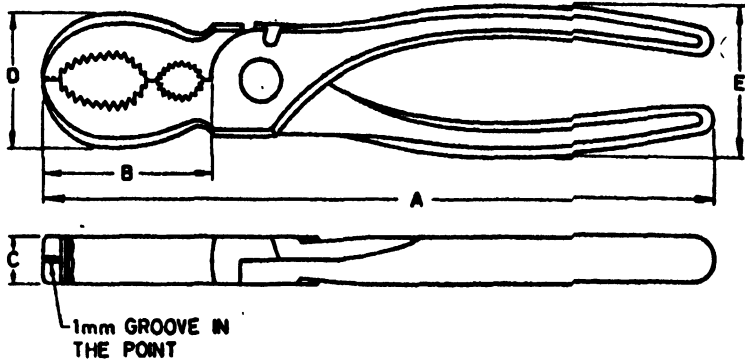


Indian Standard

(Reaffirmed 2005)

SPECIFICATION FOR
PIPE GRIP PLIERS

1. Scope — Dimensions and requirements for pipe grip pliers.
2. Dimensions



All dimensions in millimetres.

Nominal Size	A + 3 - 0	B + 3 - 0	C + 3 - 0	D + 3 - 0	E + 3 - 0	Suitable for Pipes with Nominal Bore Size
175	175	40	10	28	38	3 to 10 including
225	225	48	11	38	43	3 to 20 including

Note—The ends of the gripping arm may be chisel edged subject to agreement between the supplier and the purchaser.

3. Material — Refer IS : 2615-1964 ' General requirements for pliers, pincers and nippers '.
4. Hardness — Hardness of jaws 400 to 450 HV [see IS : 1501-1968 ' Method for Vickers hardness test for steel (first revision) '].
5. General Requirements — Refer IS : 2615-1964.
6. Designation — Pipe grip pliers of nominal size 175 mm shall be designated as follows:
Pliers 175, IS : 5995
7. Test — The moment to be applied for handle load test and the permissible deflection and permanent set to be as given in table below:

Nominal Size	Handle Load Test		
	Moment (W × L)*	Combined Deflection, Max	Combined Permanent Set, Max
mm	N.m (kgf.m)	mm	mm
175	112.8 (11.5)	12.2	0.8
225	135.3 (13.6)	15.3	0.8

*W is the load applied and L is the distance from the pin or rivet to the point of application (see Fig. 21 of IS : 2615-1964).

IS : 5995-1971

8. Marking — Pliers to be marked with the manufacturer's name, initials or recognized trade-mark and the year of manufacture, if required by the purchaser.

8.1 ISI Certification Marking — Details available with Indian Standards Institution.

EXPLANATORY NOTE

While preparing this standard assistance has been derived from the following:

39-GP-16, Pliers and nippers. Canadian Government Specifications Board.

BS 3087 : 1959 Pliers, pincers and nippers. British Standards Institution.